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(12)

# STANDARD COMMODITY CLASSIFICATION

VOLUME I  
STANDARD CLASSIFIED  
LIST OF COMMODITIES



*Series note.*  
(Technical Paper No. 26)

Prepared by the Technical Committee  
on Standard Commodity Classification

(This edition supersedes all previous issues)

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STANDARD COMMODITY  
CLASSIFICATION

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1. Name of  
commodity  
2. Description  
3. Quantity



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## PREFACE

Standardization in classification and in presentation of statistical data concerning commodities is urgently needed. At present there are many different classification systems in use by Federal agencies and in some instances different commodity classifications, often non-comparable at many points, are being used within the same agency. The comparability of commodity data and hence their value will be tremendously increased by the use of a standard system of classification and presentation.

The purpose of the *Standard Classified List of Commodities* is to meet the need for such a system. To the extent that it is uniformly used, it will insure reasonable comparability between the commodity data of separate Federal agencies. Some users may wish to employ both the numbering system and the classification structure of the Standard List. Others will prefer to set up their own codes on bases convertible to the Standard List. But so far as practicable in all cases agencies should present their commodity data according to the arrangement in the *Standard Classified List of Commodities*.

A tentative draft of this list of commodities was issued in collaboration with the War Production Board as Technical Paper No. 23 of the Division of Statistical Standards in July 1942. Shortly after its release the Bureau of the Budget, the War Production Board, and the Procurement Division of the Treasury Department jointly invited other Federal agencies to be represented in an Interagency Committee on Commodity Classification. This committee, under the chairmanship of Mr. Stuart A. Rice of the Bureau of the Budget, assumed general supervision over the further development of the work and appointed a Technical Committee, under the chairmanship of Mr. V. S. Kolesnikoff, of the Bureau of the Budget, to expand the tentative draft.

The Technical Committee sought to develop a classification system which would combine related products into consistent and logical groupings of commodities. The following three main divisions were established as a basis for the classification system:

Part 1, Crude Materials, including commodities of animal, vegetable, or mineral origin which are produced by the extractive industries;

Part 2, Basic Materials and Products, including semifinished and fabricated materials to be used in further manufacturing or construction; and

Part 3, End Products, including finished manufactured products ready for use as such.

To illustrate, raw cotton is classified in Part 1, cotton goods in Part 2, and cotton wearing apparel in Part 3.

In its work the Technical Committee considered the comments received from the various Federal agencies on the earlier draft. It also consulted with numerous commodity experts, both within the

Government and from industry, and organized a number of special commodity subcommittees. Invaluable assistance was received from all of these sources.

As a result of this work the Technical Committee published Technical Paper No. 25, *Standard Classified List of Commodities*, in December 1942. This contained the four-digit structure of the classification system. A special alphabetic index of the items included in Technical Paper No. 25 was prepared jointly by the United States Tariff Commission, the Procurement Division of the Treasury Department, and the Bureau of the Budget, and issued in January 1943.

The need for a further development of the classification structure as outlined in the preface to Technical Paper No. 25 was evidenced by the requirements of war agencies for a more detailed list of commodities. Hence the Technical Committee organized additional subcommittees of experts on various classes of commodities. The expanded classification here presented results mainly from the reports of these subcommittees.

Volume I presents the complete structure of the *Standard Classified List of Commodities*; Volume II an alphabetic index of the items included in Volume I. Future releases will include descriptions and standard units of measure for various commodities.

The assistance of the staffs of the War Production Board, the Bureau of the Budget, the United States Tariff Commission, the Procurement Division of the Treasury Department, the Office of Lend-Lease Administration, the Department of Commerce, and the Government Printing Office is gratefully acknowledged. Special contributions to this project were made by Mr. Louis S. Ballif, United States Tariff Commission, Mr. Maxwell R. Conklin, Bureau of the Census, Mr. Howard C. Grieves, War Production Board, Mr. William R. Leonard, Bureau of the Budget, and Mr. Horace B. McCoy, Bureau of Foreign and Domestic Commerce, who gave valuable advice and made the necessary administrative arrangements to permit the Technical Committee to function effectively.



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## INTRODUCTION

The structure of the *Standard Classified List of Commodities* groups commodities into three divisions: Part 1, Crude Materials; Part 2, Basic Materials and Products; and Part 3, End Products. The list is further divided into 76 major groups (2-digit); the 76 major groups are subdivided into 589 groups of closely related commodities (3-digit). These groups are further subdivided into 4- to 12-digit items, depending upon the degree of detail which appeared to be necessary or desirable.

In order to avoid undue repetition, additional and repetitive detail common to several commodities or groups of commodities frequently has been placed in supplementary codes. These are given at the end of the major group to which they apply. The footnotes as well as the supplementary code descriptions indicate the portions of the major group to which the particular supplementary code applies. The supplementary codes should be appended as the last digit whenever they are used.

Attention is called to the fact that the structure of the Standard Classified List makes it possible to classify commodities at various levels of detail by two, three, or more digits, depending upon the degree of detail in information which may be needed. To illustrate, the table of contents gives the two-digit groups and the summary, the three-digit groups. A classification using four, five, or more digits can be prepared on the basis of the Standard List.

Unless parts are identified as a special commodity item in the classification structure, it is intended that they be classified with the complete equipment of which they are a part. In these instances, if an agency wishes to differentiate parts from complete equipment, it is suggested that the following supplementary code be used:

1. Complete product;
2. Parts.

(An agency using tabulating equipment may choose to punch X and Y instead of using the supplementary code.)

Similarly, an analogous coding technique may be used to identify "used" or "second hand" commodities.

The structure of the classification also permits an agency to use additional subdivisions in adapting this classification for its use, while preserving comparability with the classifications used by other agencies. Furthermore, comparability with the *Standard Classified List of Commodities* may be maintained on a two-digit major-group basis even though groups or commodities within a major group are combined; similarly, comparability may be maintained on a three-digit basis even though commodity categories within a three-digit group are combined.

Some agencies may wish to use the numbering system of the *Standard Classified List of Commodities*; others will, no doubt, find it more convenient to adapt their present numbering system to this classification.

Throughout the classification structure the "0" integer has been reserved for commodity-group titles within which the integers "1"



through "9" will identify specific subtitles. The integer "9" identifies residue groups, and commodities whose codes end in this number usually bear the prefix "miscellaneous" or the suffix "not elsewhere classified."

In instances where one digit did not provide a sufficient number of integers for identifying the subdivisions needed within a given category it has been necessary to use two digits, and occasionally three digits. If two digits are used, the code for the group heading ends with 00; the numbers 01-08, 11-18, 21-28, etc., are used and 99 is used for "not elsewhere classified." (Note that numbers between 00 and 99 which end with 0 and 9 are not used.) If three digits are used, the code for the group heading ends with 000, and 999 is used for "not elsewhere classified."

This volume, which contains the classification structure, is intended primarily as a reference manual and is not a coding index. Volume II in this series, which is an alphabetic index of the items included in volume I, should be used for coding purposes.

## ABBREVIATIONS AND SYMBOLS

'	Foot (feet).
"	Inch(es).
°	Degree.
x	By.
%	Percent.
A. C.	Alternating current.
A. S. T. M.	American Society for Testing Materials.
atm.	Atmosphere.
° Bé	Degrees Beaumé.
b. h. p.	Brake horse power.
b. p.	Boiling point.
bu.	Bushel.
° C.	Degrees centigrade.
cal.	Caliber.
cm.	Centimeter(s).
C. P.	Chemically pure.
D. C.	Direct current.
° F.	Degrees Fahrenheit.
ft.	Foot (feet).
h. p.	Horse power.
in.	Inch(es).
I. F.	Intermediate frequency.
k.	Karat.
kv.	Kilovolt.
kva.	Kilovolt-ampere.
kw.	Kilowatt.
lb.	Pound(s).
m.	Meter(s).
M. F.	Machine finished.
M. G.	Machine glazed.
m. g.	Medicinal grade, includes grades specified by the Pharmacopoeia of the United States, the National Formulary, the New and Nonofficial Remedies of the American Medical Association, or similar grades used medicinally.
mm.	Millimeter(s).
m. p.	Melting point.
N. F.	National Formulary.
N. N. R.	New and Nonofficial Remedies (American Medical Association).
npr.	Nonprescription pharmaceutical.
O. D.	Outside diameter.
oz.	Ounce(s).
Pdr.	Pounder.
pr.	Prescription pharmaceutical.
Q. A. C.	Quick adjustable chest.
R. F.	Radio frequency.
rpm.	Revolutions per minute.
SAE.	Society of Automotive Engineers.
s. a. g.	Standard automobile grade.
sq. ft.	Square foot (feet).
sq. in.	Square inch(es).
sq. yd.	Square yard(s).
S. U. V.	Saybolt universal viscosity.
U. S. P.	Pharmacopoeia of the United States.
v.	Volt.
vol.	Volume(s).
WPB.	War Production Board.
W. S. P.	Working steam pressure.
yd.	Yard(s).

The first of these is the fact that the  
 government has been unable to raise  
 the necessary funds to carry out its  
 policy. This is due to a number of  
 reasons, including the fact that the  
 government has been unable to raise  
 the necessary funds to carry out its  
 policy.

# APPENDIX A

List of items	
1. [illegible]	100
2. [illegible]	200
3. [illegible]	300
4. [illegible]	400
5. [illegible]	500
6. [illegible]	600
7. [illegible]	700
8. [illegible]	800
9. [illegible]	900
10. [illegible]	1000
11. [illegible]	1100
12. [illegible]	1200
13. [illegible]	1300
14. [illegible]	1400
15. [illegible]	1500
16. [illegible]	1600
17. [illegible]	1700
18. [illegible]	1800
19. [illegible]	1900
20. [illegible]	2000
21. [illegible]	2100
22. [illegible]	2200
23. [illegible]	2300
24. [illegible]	2400
25. [illegible]	2500
26. [illegible]	2600
27. [illegible]	2700
28. [illegible]	2800
29. [illegible]	2900
30. [illegible]	3000
31. [illegible]	3100
32. [illegible]	3200
33. [illegible]	3300
34. [illegible]	3400
35. [illegible]	3500
36. [illegible]	3600
37. [illegible]	3700
38. [illegible]	3800
39. [illegible]	3900
40. [illegible]	4000
41. [illegible]	4100
42. [illegible]	4200
43. [illegible]	4300
44. [illegible]	4400
45. [illegible]	4500
46. [illegible]	4600
47. [illegible]	4700
48. [illegible]	4800
49. [illegible]	4900
50. [illegible]	5000
51. [illegible]	5100
52. [illegible]	5200
53. [illegible]	5300
54. [illegible]	5400
55. [illegible]	5500
56. [illegible]	5600
57. [illegible]	5700
58. [illegible]	5800
59. [illegible]	5900
60. [illegible]	6000
61. [illegible]	6100
62. [illegible]	6200
63. [illegible]	6300
64. [illegible]	6400
65. [illegible]	6500
66. [illegible]	6600
67. [illegible]	6700
68. [illegible]	6800
69. [illegible]	6900
70. [illegible]	7000
71. [illegible]	7100
72. [illegible]	7200
73. [illegible]	7300
74. [illegible]	7400
75. [illegible]	7500
76. [illegible]	7600
77. [illegible]	7700
78. [illegible]	7800
79. [illegible]	7900
80. [illegible]	8000
81. [illegible]	8100
82. [illegible]	8200
83. [illegible]	8300
84. [illegible]	8400
85. [illegible]	8500
86. [illegible]	8600
87. [illegible]	8700
88. [illegible]	8800
89. [illegible]	8900
90. [illegible]	9000
91. [illegible]	9100
92. [illegible]	9200
93. [illegible]	9300
94. [illegible]	9400
95. [illegible]	9500
96. [illegible]	9600
97. [illegible]	9700
98. [illegible]	9800
99. [illegible]	9900
100. [illegible]	10000

SUMMARY  
LIST OF MAJOR GROUPS AND SECTORS

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**STANDARD CLASSIFIED LIST  
OF COMMODITIES**

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STANDARD CLASSIFIED LIST  
OF COMMODITIES

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## SUMMARY

### LIST OF MAJOR GROUPS AND GROUPS

#### Part 1—Crude Materials

- 01 0 *Live Animals*
- 01 1 Cattle
- 01 2 Sheep
- 01 3 Hogs
- 01 4 Poultry and birds
- 01 5 Fur-bearing animals
- 01 6 Horses, asses, burros, and mules
- 01 7 Goats
- 01 8 Dogs
- 01 9 Miscellaneous live animals
- 02 0 *Crude Animal Products, Edible*
- 02 1 Eggs of poultry, in the shell (fresh and storage)
- 02 2 Milk, unprocessed
- 02 3 Fish
- 02 4 Shellfish
- 02 6 Honey (comb)
- 02 9 Miscellaneous crude animal products, edible
- 03 0 *Crude Animal Products, Inedible, Except Fibers*
- 03 1 Hides and skins (not fur skins), raw
- 03 2 Fur skins, undressed
- 03 3 Feathers and downs, raw or crude
- 03 4 Marine animals
- 03 5 Shells, unmanufactured
- 03 6 Crude materials of animal origin used for manufacturing drugs
- 03 8 Bones, hoofs, and horns, crude
- 03 9 Miscellaneous crude animal products, inedible, except fibers
- 04 0 *Crude Vegetable Products, Edible*
- 04 1 Grains or cereals
- 04 2 Vegetables
- 04 3 Fruits
- 04 4 Nuts, tree
- 04 5 Sugar crops
- 04 6 Beverage crops
- 04 7 Spices and spice seeds, unground
- 04 9 Miscellaneous crude vegetable products, edible
- 05 0 *Crude Vegetable Products, Inedible, Except Fibers*
- 05 1 Seeds, except oilseeds
- 05 2 Oilseeds, nuts, and kernels
- 05 3 Nursery and greenhouse stock
- 05 4 Leaf tobacco
- 05 5 Crude rubber and allied gums
- 05 6 Gums, resins, and balsams
- 05 7 Crude medicinal herbs, roots, barks, and other plant parts, except U. S. P.,  
N. F. and similar grades
- 05 8 Hay, forage, and straw
- 05 9 Miscellaneous crude vegetable products, inedible, except fibers
- 06 0 *Fibers, Vegetable and Animal, Unmanufactured*
- 06 1 Cotton
- 06 2 Soft fibers (bast fibers)
- 06 3 Hard fibers (leaf fibers)

*Fibers, Vegetable and Animal, Unmanufactured—Continued*

- 06 4 Miscellaneous vegetable fibers
- 06 5 Wool and related specialty hair, unmanufactured
- 06 6 Silk
- 06 7 Animal hair
- 06 8 Miscellaneous animal fibers
- 07 0 *Coal, Crude Petroleum, and Related Crude Hydrocarbons*
- 07 1 Coal
- 07 2 Peat
- 07 3 Crude petroleum
- 07 4 Natural gas
- 07 5 Natural gasoline and crude condensates
- 07 6 Natural asphalt and bituminous rock
- 07 7 Mineral waxes, except paraffin
- 07 8 Oil shale and shale oil
- 07 9 Crude hydrocarbons, not elsewhere classified
- 08 0 *Metallic Ores, Concentrates and Their Unrefined Metallic Products*
- 08 1 Iron ores, tailings, concentrates, except iron pyrites
- 08 2 Copper ores, tailings, concentrates and unrefined copper products
- 08 3 Lead and zinc ores, tailings, concentrates and their unrefined products
- 08 4 Aluminum ores, tailings and unrefined aluminum products
- 08 5 Magnesium ores, tailings, concentrates and unrefined magnesium products
- 08 6 Nickel ores, tailings, concentrates and unrefined nickel products
- 08 7 Tin ores, tailings, concentrates and unrefined tin products
- 08 8 Precious metal ores, tailings, concentrates and their unrefined metallic products
- 08 9 Miscellaneous metallic ores, tailings, concentrates and their unrefined metallic products
- 09 0 *Crude Nonmetallic Minerals, Except Coal and Petroleum*
- 09 1 Rough dimension stone, including rubble
- 09 2 Stone, crushed and broken
- 09 3 Sand and gravel, except abrasive
- 09 4 Clays and earths
- 09 5 Natural abrasives, crude
- 09 6 Natural gem and ornamental stones (not cut, polished, carved, engraved, shaped, pierced or mounted)
- 09 7 Alkali minerals, crude
- 09 8 Alkali-earth minerals, crude
- 09 9 Miscellaneous nonmetallic minerals, crude

**Part 2—Basic Materials and Products**

- 11 0 *Leather*
- 11 1 Upper leather, except lining and patent
- 11 2 Patent leather
- 11 3 Lining leather
- 11 4 Sole, welting, industrial belting and mechanical leather and offal
- 11 5 Glove leather
- 11 6 Garment leather
- 11 7 Upholstery leather
- 11 8 Fancy and bookbinders' leather
- 11 9 Miscellaneous leather
- 12 0 *Boot and Shoe Cut Stock and Shoe Findings*
- 12 1 Boot and shoe cut stock
- 12 2 Shoe findings
- 13 0 *Wood Basic Materials, Except Pulpwood*
- 13 1 Logs and bolts
- 13 2 Round and hewn timber
- 13 3 Lumber, rough or surfaced, except railroad ties, small dimension stock and worked lumber
- 13 4 Miscellaneous sawmill products
- 13 5 Worked lumber (matched, shiplapped, or patterned)
- 13 6 Veneer
- 13 7 Plywood
- 13 8 Millwork
- 13 9 Miscellaneous wood basic materials

- 14 0 *Pulp, Paper, and Paperboard*
- 14 1 Pulpwood
- 14 2 Paper base stock, except pulp
- 14 3 Wood pulp
- 14 4 Pulp, except wood and chemical cotton pulp
- 14 5 Paper, except building paper
- 14 6 Building paper
- 14 7 Board, except building board
- 14 8 Building board
- 14 9 Miscellaneous paper and paperboard
- 15 0 *Textile Basic Manufactures*
- 15 1 Cotton basic textiles
- 15 2 Jute basic textiles
- 15 3 Flax, hemp, and ramie basic textiles
- 15 4 Miscellaneous vegetable fiber basic textiles
- 15 5 Wool basic textiles
- 15 6 Hair basic textiles
- 15 7 Silk basic textiles
- 15 8 Rayon, nylon, and other synthetic fiber basic textiles
- 15 9 Miscellaneous basic textile manufactures
- 16 0 *Food and Beverage Basic Materials*
- 16 1 Sausage casings
- 16 2 Rennet
- 16 3 Fruit and vegetable materials, basic
- 16 4 Flour and related products
- 16 5 Raw sugar and industrial molasses
- 16 6 Malt and malt extract
- 16 7 Yeast
- 16 8 Hop extract and lupulin
- 16 9 Miscellaneous food and beverage basic materials
- 17 0 *Oils, Fats, Waxes, and Derivatives, Animal and Vegetable*
- 17 1 Animal oils and fats, except marine, edible
- 17 2 Animal oils and fats, except marine, inedible
- 17 3 Marine-animal oils
- 17 4 Vegetable oils, and fats, expressed or extracted
- 17 5 Essential oils
- 17 6 Floral absolutes, concretes and mixtures of essential and floral oils
- 17 7 Waxes, animal and vegetable
- 17 8 Shortening
- 17 9 Miscellaneous oils, fats, waxes, and derivatives, animal and vegetable
- 18 0 *Petroleum and Coal Products, Except Raw Materials for Chemical Industries*
- 18 1 Gases, including liquefied petroleum gases
- 18 2 Gasoline and liquid hydrocarbon components
- 18 3 Naphtha, solvents and finished light products (petroleum derived)
- 18 4 Kerosene
- 18 5 Fuel oils
- 18 6 Lubricating oils and greases
- 18 7 Petroleum asphalts and road oils
- 18 8 Coke, except pitch of tar coke
- 18 9 Miscellaneous petroleum and coal products, except raw materials for chemical industries
- 19 0 *Chemicals*
- 19 1 Basic inorganic chemicals and chemical products
- 19 2 Basic organic chemicals and chemical products
- 19 3 Compressed and liquefied gases and chemical warfare agents
- 19 4 Paints, varnishes, lacquers, japans, thinners, pigments, driers, fillers, and related products
- 19 5 Fertilizers and fertilizer materials
- 19 6 Insecticides, fungicides, and agricultural chemicals
- 19 7 Explosives and components of explosives
- 19 8 Plastics materials, synthetic fibers and synthetic elastomers
- 19 9 Miscellaneous chemicals, including industrial chemical products and preparations
- 21 0 *Iron, and Iron and Steel Scrap*
- 21 1 Iron and steel scrap, prepared
- 21 2 Iron and steel scrap, unprepared
- 21 3 Pig iron, except "silvery iron"
- 21 4 Sponge iron



*Iron, and Iron and Steel Scrap—Continued*

- 21 5 Wrought iron
- 21 6 Iron castings
- 21 9 Iron shapes and forms, not elsewhere classified
- 22 0 *Steel*
- 22 1 Ingots and molten steel for castings
- 22 2 Semi-finished forms and shapes
- 22 3 Plates, sheets (include tin plate and terne plate), strips, bars, structural shapes, piling, and rails
- 22 4 Tubular products
- 22 5 Wire
- 22 6 Wheels and axles, railway car and locomotive
- 22 7 Forgings (before machining), except wheels, axles, and rolls
- 22 8 Castings (before machining), except wheels and rolls
- 22 9 Miscellaneous steel shapes and forms
- 23 0 *Ferro and Nonferrous Additive Alloys*
- 23 1 Manganese group additive alloys
- 23 2 Silicon group additive alloys
- 23 3 Chromium group additive alloys
- 23 4 Molybdenum group additive alloys
- 23 5 Tungsten group additive alloys
- 23 6 Vanadium group additive alloys
- 23 7 Copper group additive alloys
- 23 9 Miscellaneous ferro and nonferrous additive alloys
- 24 0 *Nonferrous Metals*
- 24 1 Copper and copper-base alloy basic shapes and forms
- 24 2 Aluminum and aluminum-base alloy basic shapes and forms
- 24 3 Magnesium and magnesium-base alloy basic shapes and forms
- 24 4 Nickel and nickel-base alloy basic shapes and forms
- 24 5 Tin and tin-base alloy basic shapes and forms
- 24 6 Zinc and zinc-base alloy basic shapes and forms
- 24 7 Lead and lead-base alloy basic shapes and forms
- 24 8 Precious metal and precious metal-base alloy basic shapes and forms
- 24 9 Miscellaneous nonferrous metal and metal alloy basic shapes and forms
- 25 0 *Fabricated Metal Basic Products*
- 25 1 Fabricated structural iron and steel
- 25 2 Architectural metal work
- 25 3 Power boilers (pressure per square inch 100 pounds and higher)
- 25 4 Storage tanks and sheet metal pipe
- 25 5 Basic hardware
- 25 6 Stamped, pressed, and perforated metal basic products
- 25 7 Wire products
- 25 8 Insulated wire and cable, electrical
- 25 9 Miscellaneous fabricated metal basic products
- 26 0 *Nonmetallic Mineral Basic Products—Chiefly Structural*
- 26 1 Natural stone products—chiefly structural
- 26 2 Clay products—chiefly structural
- 26 3 Glass basic products—chiefly structural
- 26 4 Hydraulic cements
- 26 5 Concrete products—chiefly structural
- 26 6 Gypsum products—chiefly structural
- 26 7 Pottery basic products—chiefly structural
- 26 8 Mineral wool (except glass wool) basic products
- 26 9 Miscellaneous nonmetallic mineral basic products—chiefly structural
- 27 0 *Nonmetallic Mineral Basic Products—Chiefly Nonstructural*
- 27 1 Glass basic products—chiefly nonstructural
- 27 2 Abrasive basic products, natural and synthetic, manufactured
- 27 3 Asbestos basic products
- 27 4 Graphite and carbon basic products
- 27 5 Mica
- 27 6 Refractories
- 27 7 Nonmetallic mineral products, ground or sized, except abrasives
- 27 8 Natural and synthetic gem and ornamental stones
- 27 9 Miscellaneous nonmetallic mineral basic products—chiefly nonstructural
- 29 0 *Miscellaneous Basic Materials*
- 29 1 Rubber fabricated materials
- 29 2 Plastic fabricated materials to be used as components of end products (wholly or principally of materials in which plastics are the chief binding agents)



*Miscellaneous Basic Materials—Continued*

- 29 3 Cork basic materials
- 29 5 Furs, dressed and dressed and dyed, not made into any article
- 29 6 Fur plates, mats, linings, crosses, sacs, and strips, dressed and dressed  
and dyed, not made into any article
- 29 7 Feathers and downs, processed
- 29 8 Imitation gem and ornamental stones
- 29 9 Miscellaneous basic materials

**Part 3—End Products**

*General Purpose Industrial Machinery and Equipment*

- 31 1 Engines and turbines, general purpose
- 31 2 Compressors and pumps
- 31 3 Crushing, pulverizing, screening and mixing machinery and equipment
- 31 4 Conveyors and conveying systems
- 31 5 Cranes, derricks, hoists, and winches
- 31 6 Industrial trucks, tractors, trailers, stackers and accessories
- 31 7 Fan and blower equipment, industrial
- 31 8 Mechanical power-transmission equipment and bearings
- 31 9 Miscellaneous general purpose industrial machinery and equipment
- 32 0 *Electrical Machinery and Apparatus*
- 32 1 Electrical rotating equipment
- 32 2 Primary electric power transmission and distribution equipment
- 32 3 Power conversion equipment (non-rotating rectifiers) (include non-  
rotating battery chargers)
- 32 4 Electric equipment for internal-combustion engines
- 32 5 Secondary distribution equipment and wiring devices
- 32 6 Motor starters and controllers
- 32 7 Electric lamps (bulbs, tubes and related light sources)
- 32 8 Electric appliances, household and commercial
- 32 9 Miscellaneous electrical equipment

*Special Industry Machinery (Machinery for Selected Industries Requiring  
Specialized Machines)*

- 33 1 Food products machinery
- 33 2 Textile industries machinery
- 33 3 Pulp and paper industries machinery
- 33 4 Printing-trades machinery and equipment
- 33 5 Rubber-working machinery
- 33 6 Woodworking machinery
- 33 7 Special industry furnaces, ovens, kilns, and foundry equipment
- 33 8 Petroleum refinery machinery and equipment
- 33 9 Miscellaneous special industry machinery

*Metalworking Machinery*

- 34 1 Machine tools
- 34 3 Primary metal forming machines and equipment
- 34 4 Secondary metal forming and cutting machines and equipment
- 34 5 Welding machinery and equipment
- 34 6 Testing and measuring machines
- 34 7 Miscellaneous metalworking equipment, except metalworking machines
- 34 8 Portable metalworking machines and tools (power driven)
- 34 9 Tools, attachments and accessories for machine tools and other metal-  
working machines

*Agricultural Machinery and Implements, Except Tractors*

- 35 1 Planting, seeding, and fertilizing machinery
- 35 2 Plows and listers
- 35 3 Harrows, rollers, pulverizers, and stalk cutters
- 35 4 Cultivators and weeder
- 35 5 Harvesting and haying machinery
- 35 6 Machines for preparing crops for market and for use
- 35 7 Farm dairy and poultry machines and equipment
- 35 8 Barn and barnyard equipment
- 35 9 Miscellaneous farm machines and equipment

*Construction, Mining, Excavating and Related Machinery*

- 36 1 Mining and quarrying machinery
- 36 2 Earth and rock boring and drilling machinery and accessories, except  
well and blast hole drilling machinery
- 36 3 Well and blast hole drilling machinery

- Construction, Mining, Excavating and Related Machinery—Continued*
- 36 4 Excavating and dredging machinery
  - 36 5 Road and airport construction and maintenance machinery, except tractor mounted
  - 36 6 Tractor-mounted construction equipment (Do not include tractors)
  - 36 7 Mixer and pavers, bituminous and concrete, and related equipment
  - 36 8 Railroad construction and maintenance equipment, power driven (except inspection and maintenance railroad cars)
  - 36 9 Miscellaneous construction and related equipment
  - 37 0 *Tractors*
    - 37 1 Wheel type tractors
    - 37 2 Garden tractors, including motor tillers
    - 37 3 Track-laying tractors
    - 37 4 Tractor engines
    - 37 5 Accessories for tractors, except tractor-mounted construction equipment
    - 37 9 Tractors, not elsewhere classified
  - 38 0 *Office Machines*
    - 38 1 Accounting statistical machines
    - 38 2 Computing machines
    - 38 3 Coin, currency, and check handling machines
    - 38 4 Dictating machines and collateral equipment
    - 38 5 Duplicating machines
    - 38 6 Time recording and time stamping machines
    - 38 7 Addressing and mailing machines
    - 38 8 Typewriters
    - 38 9 Miscellaneous office machines
  - 39 0 *Miscellaneous Machinery*
    - 39 1 Laundry and drycleaning machinery and equipment
    - 39 2 Sewing machines, household
    - 39 3 Dishwashing machinery
    - 39 4 Scales and balances, except laboratory
    - 39 5 Cash registers
    - 39 6 Coin-operated machines
    - 39 7 Packaging machinery
    - 39 9 Machinery, equipment and accessories, not elsewhere classified
  - 41 0 *Communication Equipment and Electronic Devices*
    - 41 1 Radio broadcast receiving equipment
    - 41 2 Radio broadcast transmitting apparatus
    - 41 3 Commercial and specialized radio communication equipment, except broadcast
    - 41 4 Electronic devices, except control and communication
    - 41 5 Electronic tubes
    - 41 6 Telephone equipment
    - 41 7 Telegraph equipment
    - 41 8 Electronic equipment components and sub-assemblies
    - 41 9 Miscellaneous communication equipment
  - 42 0 *Aircraft*
    - 42 1 Airplanes, civil
    - 42 2 Airplanes, military
    - 42 3 Aircraft, except airplanes
    - 42 4 Airframe assemblies and parts
    - 42 5 Aircraft engines, engine parts and accessories
    - 42 6 Propeller assemblies and parts
    - 42 7 Aircraft armament equipment (for installation)
    - 42 8 Flight equipment for personnel
    - 42 9 Miscellaneous aircraft parts and equipment
  - 43 0 *Ships, Small Watercraft, and Marine Propulsion Machinery*
    - 43 1 Ships, merchant
    - 43 2 Navy, Army, and Coast Guard vessels, except minor marine craft
    - 43 3 Minor marine craft, including district and yard craft for Army, Navy and Coast Guard use
    - 43 4 Fishing craft
    - 43 5 Small craft
    - 43 6 Marine main propulsion machinery and gears
    - 43 7 Shafting and ship propellers
    - 43 8 Steering gears
    - 43 9 Miscellaneous special ship equipment
  - 44 0 *Railroad Transportation Equipment*
    - 44 1 Locomotives



*Railroad Transportation Equipment—Continued*

- 44 3 Cars, self-propelled
- 44 4 Cars, except self-propelled
- 44 5 Locomotive and car parts
- 44 9 Railroad transportation equipment, not elsewhere classified
- 45 0 *Motor Vehicles*
- 45 1 Motor vehicles, except combat vehicles and motorcycles
- 45 2 Full trailers and semi-trailers, except ordnance
- 45 3 Ordnance service and repair trucks and trailers
- 45 4 Combat motor vehicles
- 45 5 Motor vehicle engines and engine parts, except motorcycle
- 45 6 Motor vehicle parts and assemblies, except engines and motorcycle parts
- 45 7 Motorcycles
- 45 9 Motor vehicles, not elsewhere classified
- 49 0 *Miscellaneous Transportation Equipment*
- 49 1 Bicycles and bicycle parts
- 49 2 Pushcarts, handcarts, and wheelbarrows
- 49 3 Horse-drawn vehicles
- 49 4 Farm trailers
- 49 9 Transportation equipment, not elsewhere classified
- 51 0 *Plumbing and Heating Equipment*
- 51 1 Sanitary ware
- 51 2 Plumbing fixture fittings and trim, and plumbing specialties
- 51 3 Heating equipment, steam and hot water
- 51 4 Heating equipment, warm air
- 51 5 Stoves and ranges, domestic, except electric
- 51 6 Cooking and warming equipment, commercial, except electric
- 51 7 Fuel burning equipment
- 51 8 Domestic water heaters (except electric) and storage tanks
- 51 9 Miscellaneous plumbing and heating equipment
- 52 0 *Air-Conditioning and Refrigeration Equipment*
- 52 1 Air-conditioning units and systems
- 52 2 Household mechanical refrigeration units (16 cu. ft. or less, self-contained)
- 52 3 Commercial refrigerated insulated enclosures, mechanical
- 52 4 Ice cream freezing and dispensing units, electric
- 52 5 Beer dispensing equipment, electric
- 52 6 Display cases, electric
- 52 7 Ice-making and cold storage plant systems, and refrigeration components and accessories
- 52 8 Ice refrigeration units (self-contained)
- 52 9 Miscellaneous mechanically refrigerated cabinets and related equipment
- 53 0 *Lighting Fixtures*
- 53 1 Floodlights, searchlights, and spotlights
- 53 2 Marine lighting equipment
- 53 3 Street and highway electric lighting, traffic, railroad, and transit signal fixtures, except signal control mechanisms
- 53 4 Residence electric lighting fixtures
- 53 5 Commercial electric lighting fixtures
- 53 6 Industrial electric lighting fixtures
- 53 7 Airport, airway, and seadrome lighting equipment
- 53 8 Vehicular lighting fixtures
- 53 9 Miscellaneous lighting fixtures
- 54 0 *Furniture and Fixtures*
- 54 1 Mattresses and bedsprings
- 54 2 Household furniture
- 54 3 Office furniture
- 54 4 Public seating and related furniture
- 54 5 Laboratory, hospital, professional, beauty and barber shop furniture
- 54 6 Bank, store, and office fixtures and vaults
- 54 7 Partitions, shelving, and lockers, prefabricated
- 54 8 Industrial and factory furniture
- 54 9 Miscellaneous furniture and fixtures
- 55 0 *Photographic Goods and Processed Motion Pictures*
- 55 1 Cameras; parts and accessories, except lenses
- 55 2 Projection apparatus, enlargers, and accessories
- 55 3 Camera and projection lenses, including mounts
- 55 4 Motion picture studio and theatre equipment, except projection apparatus
- 55 5 Developing, printing, and darkroom apparatus and accessories

- Photographic Goods and Processed Motion Pictures—Continued*
- 55 6 Sensitized, unexposed photographic film
  - 55 7 Sensitized and unexposed, photographic, photocopy, blueprint, and white-print paper
  - 55 8 Motion pictures, exposed and developed (processed)
  - 55 9 Miscellaneous photographic goods
  - 56 0 *Optical Instruments and Apparatus*
  - 56 3 Telescopes and periscopes
  - 56 4 Binoculars
  - 56 6 Laboratory research and testing instruments and apparatus, optical
  - 56 7 Magnifying instruments
  - 56 8 Optical elements and assemblies, except ophthalmic, photographic, and projection
  - 56 9 Optical instruments and apparatus, not elsewhere classified
  - 57 0 *Indicating, Recording, and Controlling Instruments and Accessories, Except Watches and Clocks*
  - 57 1 Temperature and hygrometric instruments and accessories
  - 57 2 Electrical quantity instruments and accessories
  - 57 3 Pressure measuring instruments, gauges, and accessories
  - 57 4 Flow and liquid level instruments and accessories
  - 57 5 Mechanical motion, rotation, timing, and cycle instruments and accessories
  - 57 6 Aircraft engine and flight instruments; aircraft and nautical navigation instruments and apparatus
  - 57 7 Control valves and regulators, except voltage
  - 57 8 Combination instruments
  - 57 9 Miscellaneous indicating, recording, and controlling instruments and accessories, except watches and clocks
  - 58 0 *Professional and Scientific Instruments and Apparatus, Except Indicating, Recording, and Controlling*
  - 58 1 Dental instruments, apparatus, and equipment
  - 58 2 Medical diagnostic instruments, apparatus and equipment
  - 58 3 Surgical and medical instruments, except diagnostic
  - 58 4 Operating room and other hospital equipment
  - 58 5 Laboratory instruments and apparatus, except balances and weights, and electrical instruments
  - 58 6 Balances and weights, laboratory
  - 58 7 X-ray apparatus and accessories
  - 58 8 Engineering instruments and apparatus
  - 58 9 Miscellaneous professional and scientific instruments and apparatus, except indicating, recording, and controlling
  - 59 0 *Miscellaneous Equipment*
  - 59 1 Personal safety equipment
  - 59 2 Water purification equipment
  - 59 3 Sewage disposal equipment
  - 59 4 Beauty shop and barber shop equipment
  - 59 5 Fire extinguishers and miscellaneous fire fighting equipment
  - 59 7 Alarm and other signal systems
  - 59 8 Recreation equipment
  - 59 9 Equipment, not elsewhere classified
  - 61 0 *Food, Manufactured*
  - 61 1 Meat products
  - 61 2 Dairy products
  - 61 3 Fish and shellfish, prepared
  - 61 4 Fruits, vegetables, soups, and other related or derived products—canned, dried, or otherwise prepared or preserved
  - 61 5 Prepared cereals and cereal products
  - 61 6 Bakery products and macaroni products
  - 61 7 Sugar, except raw
  - 61 8 Confectionery
  - 61 9 Miscellaneous food preparations
  - 62 0 *Feed, Manufactured*
  - 62 1 Grain by-product feeds
  - 62 2 Feeds of vegetable origin
  - 62 3 Feeds of animal and fish origin
  - 62 4 Prepared mixed feeds
  - 62 5 Pet foods, packaged
  - 62 9 Feed, manufactured, not elsewhere classified



- 63 0 *Beverages and Ice*
- 63 1 Nonalcoholic beverages
- 63 2 Malt beverages
- 63 3 Wines
- 63 4 Distilled spirits
- 63 5 Cider
- 63 8 Ice
- 64 0 *Tobacco Manufactures*
- 64 1 Cigarettes
- 64 2 Cigars
- 64 3 Chewing tobacco
- 64 4 Smoking tobacco
- 64 5 Snuff
- 64 9 Tobacco manufactures, not elsewhere classified
- 65 0 *Drugs and Medicines*
- 65 1 Biological products
- 65 2 Botanical derivatives, synthetic equivalents, and preparations containing one therapeutic agent, m. g.
- 65 3 Botanical drugs, including extracts and tinctures, m. g.
- 65 4 Drugs of animal origin, synthetic equivalents, and preparations containing one therapeutic agent, m. g.
- 65 5 Medicinal chemicals, inorganic, and preparations containing one therapeutic agent, m. g.
- 65 6 Medicinal chemicals, organic, derivatives, and preparations containing one therapeutic agent, except botanicals, drugs of animal origin, their derivatives, synthetic equivalents and biologicals, m. g.
- 65 7 Prescription pharmaceuticals and preparations containing two or more therapeutic agents, m. g., pr.
- 65 8 Proprietary remedies, nonprescription pharmaceuticals, containing two or more medicinal agents, for human and animal use, m. g., npr.
- 65 9 Drugs and medicines, not elsewhere classified
- 66 0 *Toiletries, Cosmetics, Soap, and Household Chemical Preparations*
- 66 1 Toiletries
- 66 2 Cosmetic preparations, except powder
- 66 3 Powder
- 66 4 Shaving preparations
- 66 5 Dentifrices
- 66 6 Soap, except shaving soap, shampoos and surface active wetting agents
- 66 7 Household chemical preparations, packaged
- 66 9 Toiletries, cosmetics, soap and household chemical preparations, not elsewhere classified
- 67 0 *Apparel, Except Footwear*
- 67 1 Underwear
- 67 2 Nightwear
- 67 3 Outerwear
- 67 4 Hosiery
- 67 5 Gloves and mittens
- 67 6 Headwear
- 67 7 Fur goods
- 67 8 Corsets and other body-supporting garments, except surgical
- 67 9 Apparel accessories
- 68 0 *Footwear*
- 68 1 Men's footwear, leather uppers
- 68 2 Youths' and boys' footwear, leather uppers
- 68 3 Women's footwear, leather uppers
- 68 4 Misses' and children's footwear, leather uppers
- 68 5 Infants' footwear, leather
- 68 6 Part-leather and part-fabric and fabric uppers footwear with leather soles
- 68 7 Rubber footwear
- 68 8 Slippers and moccasins for housewear
- 68 9 Footwear, not elsewhere classified
- 69 0 *Fabricated Textile Products, Except Apparel*
- 69 1 Textile floor coverings
- 69 2 Lace articles
- 69 3 House furnishings, except embroidered
- 69 4 Textile bags
- 69 5 Canvas products

- Fabricated Textile Products, Except Apparel—Continued*
- 69 6 Sleeping bags
  - 69 9 Miscellaneous fabricated textile products
  - 71 0 *End Products of Leather, Except Apparel, Footwear, and Luggage*
  - 71 1 Industrial leather belting and packing
  - 71 2 Small leather goods
  - 71 3 Saddlery, harness, and whips
  - 71 9 Miscellaneous leather products
  - 72 0 *Converted Paper Products and Pulp Goods*
  - 72 1 Envelopes
  - 72 2 Paper stationery
  - 72 3 Paper bags
  - 72 4 Boxes and containers, paper and paperboard
  - 72 5 Die-cut paper products
  - 72 6 Fiber cans, with or without metal ends
  - 72 7 Molded pulp products
  - 72 8 Gummed products
  - 72 9 Miscellaneous converted paper products
  - 73 0 *Products of Printing and Publishing Industries*
  - 73 1 Books
  - 73 2 Music
  - 73 3 Magazines and periodicals
  - 73 4 Newspapers
  - 73 5 Atlases, maps, and charts
  - 73 6 Printed blanks and forms
  - 73 7 Bindery and blank book products
  - 73 8 Products of engraving
  - 73 9 Miscellaneous products of printing and lithographing industries
  - 74 0 *Rubber End Products, Natural and Synthetic, Except Footwear and Clothing*
  - 74 1 Pneumatic tires (casings)
  - 74 2 Solid and cushion tires
  - 74 3 Inner tubes
  - 74 4 Retread and rebuilt tires
  - 74 5 Mechanical rubber goods
  - 74 6 Rubber sundries
  - 74 9 Rubber end products, natural and synthetic, except footwear and clothing, not elsewhere classified
  - 75 0 *End Products of Metal Industries, Except Machinery and Equipment*
  - 75 1 Kitchen, and hospital utensils, and kitchen tools
  - 75 2 Miscellaneous vitreous enameled products
  - 75 3 Hand tools, non-powered, except mechanics' measuring tools
  - 75 4 Cutlery, except table flatware
  - 75 5 Silverware, plated ware, and similar metal ware
  - 75 6 Watches, clocks, and parts
  - 75 7 Metal containers and closures
  - 75 8 Mechanics' measuring tools
  - 75 9 Miscellaneous end products of metal industries, except machinery and equipment
  - 76 0 *Finished Wood Products, Except Furniture and Millwork*
  - 76 1 Cooperage
  - 76 2 Boxes and crates
  - 76 3 Baskets, wooden and fiber
  - 76 4 Rattan and willow ware, except baskets
  - 76 5 Lasts and related turned and shaped products
  - 76 6 Frames: mirror, picture, and photograph
  - 76 7 Finished wooden articles, commercial and household
  - 76 8 Finished wood products, industrial
  - 76 9 Miscellaneous finished wood products
  - 77 0 *End Products of Glass, Clay, and Stone*
  - 77 1 Glass containers
  - 77 2 Glass tableware and kitchen articles
  - 77 3 Utility glass and glassware, except tableware and kitchen articles
  - 77 4 Art and decorative glassware
  - 77 5 Technical and scientific laboratory glassware
  - 77 6 Pottery products
  - 77 7 Natural-stone end products
  - 77 9 Miscellaneous end products of glass, clay, and stone

- 79 0 *Miscellaneous End Products of Manufacturing Industries*
- 79 1 Games, toys, sporting and athletic goods
- 79 2 Jewelry
- 79 3 Ophthalmic goods
- 79 4 Surgical, medical and dental supplies, and orthopedic appliances
- 79 5 Morticians' goods
- 79 6 Musical instruments and phonographs
- 79 7 Stationers' and office supplies; and artists' materials
- 79 8 Plastic end products (wholly or principally of materials in which plastics are the chief binding agent)
- 79 9 *Miscellaneous end products of manufacturing industries*
- 81 0 *Small Arms and Components*
- 81 1 Small arms, assembled
- 81 2 Gun barrels
- 81 3 Gun mounts
- 81 4 Gun magazines, cylinders, and clips
- 81 5 Gun stocks
- 81 6 Small arms accessories
- 81 9 Small arms and components, not elsewhere classified
- 82 0 *Artillery, Naval Guns, Mortars, and Components*
- 82 1 Artillery, Naval guns, and mortars, assembled
- 82 2 Artillery and Naval gun barrels
- 82 3 Artillery and Naval gun recoil mechanisms
- 82 4 Artillery and Naval gun mounts and carriages
- 82 9 Artillery, Naval guns, mortars, and their components, not elsewhere classified
- 83 0 *Small Arms Ammunition and Specifically Adapted Components*
- 83 1 Complete rounds
- 83 2 Bullet cores
- 83 3 Bullet jackets
- 83 4 Cartridge cases
- 83 9 Small arms ammunition and specifically adapted components, not elsewhere classified
- 84 0 *Artillery, Naval, and Mortar Ammunition and Specifically Adapted Components*
- 84 1 Complete rounds
- 84 2 Projectile bodies
- 84 3 Cartridge cases
- 84 4 Cartridge bags
- 84 9 Artillery, Naval, and mortar ammunition components, not elsewhere classified
- 85 0 *Aerial Bombs and Specifically Adapted Components*
- 85 1 Bombs, assembled
- 85 2 Metal parts assemblies
- 85 3 Bomb bodies, casings, and tubes
- 85 4 Bomb noses
- 85 5 Cluster adapters
- 85 6 Trunnion and suspension bands and lugs
- 85 7 Arming wire assembly
- 85 9 Aerial bombs and specifically adapted components, not elsewhere classified
- 86 0 *Miscellaneous Ammunition and Related Products*
- 86 1 Torpedoes and specifically adapted components
- 86 2 Depth charges and specifically adapted components
- 86 3 Mines and specifically adapted components
- 86 4 Pyrotechnic ammunition and specifically adapted components
- 86 5 Grenades and specifically adapted components
- 86 9 Miscellaneous ammunition and related products, not elsewhere classified
- 87 0 *Common Components of Ammunition*
- 87 1 Boosters and bursters
- 87 2 Fin assemblies
- 87 3 Fuzes
- 87 4 Primers, detonators, tracers, and ignitors
- 87 9 Common components of ammunition, not elsewhere classified
- 88 0 *Fire Control Equipment*
- 88 1 Remote control systems
- 88 2 Directors, optical
- 88 3 Height finders, optical
- 88 4 Sights



	<i>Fire Control Equipment—Continued</i>	
88 9	Miscellaneous fire control equipment	2 07
89 0	<i>Miscellaneous Ordnance and Ordnance Matériel</i>	2 07
89 1	Miscellaneous weapons	2 07
89 2	Ammunition boxes and chests	2 07
89 9	Ordnance and ordnance matériel, not elsewhere classified	2 07

## Part 4.—Supplementary Items

## MAJOR GROUP 01—CRUDE MATERIALS

### PART 1—CRUDE MATERIALS

(Major Groups 01-09)

01 0100	Crude Petroleum
01 0200	Crude Natural Gas
01 0300	Crude Coal
01 0400	Crude Lignite
01 0500	Crude Peat
01 0600	Crude Shale
01 0700	Crude Sand
01 0800	Crude Gravel
01 0900	Crude Clay
01 1000	Crude Brick
01 1100	Crude Tile
01 1200	Crude Cement
01 1300	Crude Concrete
01 1400	Crude Asphalt
01 1500	Crude Bitumen
01 1600	Crude Tar
01 1700	Crude Pitch
01 1800	Crude Resin
01 1900	Crude Gum
01 2000	Crude Rubber
01 2100	Crude Plastic
01 2200	Crude Synthetic Material
01 2300	Crude Chemical
01 2400	Crude Pharmaceutical
01 2500	Crude Food
01 2600	Crude Beverage
01 2700	Crude Tobacco
01 2800	Crude Textile
01 2900	Crude Leather
01 3000	Crude Paper
01 3100	Crude Book
01 3200	Crude Music
01 3300	Crude Art
01 3400	Crude Science
01 3500	Crude Religion
01 3600	Crude Philosophy
01 3700	Crude Literature
01 3800	Crude History
01 3900	Crude Geography
01 4000	Crude Mathematics
01 4100	Crude Physics
01 4200	Crude Chemistry
01 4300	Crude Biology
01 4400	Crude Medicine
01 4500	Crude Law
01 4600	Crude Economics
01 4700	Crude Politics
01 4800	Crude Social Science
01 4900	Crude Humanities
01 5000	Crude Fine Arts
01 5100	Crude Visual Arts
01 5200	Crude Performing Arts
01 5300	Crude Literature
01 5400	Crude Music
01 5500	Crude Drama
01 5600	Crude Film
01 5700	Crude Television
01 5800	Crude Radio
01 5900	Crude Internet
01 6000	Crude Mobile
01 6100	Crude Computing
01 6200	Crude Software
01 6300	Crude Hardware
01 6400	Crude Network
01 6500	Crude Security
01 6600	Crude Privacy
01 6700	Crude Intellectual Property
01 6800	Crude Environmental
01 6900	Crude Climate
01 7000	Crude Energy
01 7100	Crude Power
01 7200	Crude Fuel
01 7300	Crude Electricity
01 7400	Crude Gas
01 7500	Crude Water
01 7600	Crude Air
01 7700	Crude Earth
01 7800	Crude Space
01 7900	Crude Time
01 8000	Crude Matter
01 8100	Crude Energy
01 8200	Crude Information
01 8300	Crude Knowledge
01 8400	Crude Wisdom
01 8500	Crude Understanding
01 8600	Crude Experience
01 8700	Crude Practice
01 8800	Crude Skill
01 8900	Crude Ability
01 9000	Crude Talent
01 9100	Crude Gift
01 9200	Crude Destiny
01 9300	Crude Fate
01 9400	Crude Luck
01 9500	Crude Chance
01 9600	Crude Coincidence
01 9700	Crude Mystery
01 9800	Crude Magic
01 9900	Crude Miracle

PART I—CRUDE MATERIALS

(Main Group 1-10)



## MAJOR GROUP 01—LIVE ANIMALS

01 0000	<b>LIVE ANIMALS</b>	
01 1000	<b>CATTLE</b>	
01 1100	<i>Cattle, Except Registered Purebreds</i>	
01 1110	Beef cattle	
01 1111	Calves	
01 1112	Yearlings	
	01 11121 Heifers	
	01 11122 Steers	
01 1113	Two-year olds and older	
	01 11131 Cows	
	01 11132 Steers	
	01 11133 Bulls and stags	
01 1120	Dairy cattle	
01 1121	Calves	
01 1122	Yearlings	
01 1123	Two-year olds and older	
	01 11231 Cows	
	01 11232 Bulls and stags	
01 1130	Cattle, except registered purebreds, not elsewhere classified	
01 1200	<i>Cattle, Registered Purebreds</i>	
01 1210	Beef cattle	
01 1211	Males	
	01 121101 Aberdeen Angus	
	01 121102 Brahman	
	01 121103 Devon	
	01 121104 South Devon	
	01 121105 Galloway	
	01 121106 Hereford	
	01 121107 Polled Hereford	
	01 121108 Highland	
	01 121111 Kerry	
	01 121112 Red Polled	
	01 121113 Santa Gertrudis	
	01 121114 Shorthorn	
	01 121115 Sussex	
	01 121199 Males, not elsewhere classified	
01 1212	Females	
	01 121201 Aberdeen Angus	
	01 121202 Brahman	
	01 121203 Devon	
	01 121204 South Devon	
	01 121205 Galloway	
	01 121206 Hereford	
	01 121207 Polled Hereford	
	01 121208 Highland	
	01 121211 Kerry	
	01 121212 Red Polled	
	01 121213 Santa Gertrudis	
	01 121214 Shorthorn	
	01 121215 Sussex	
	01 121299 Females, not elsewhere classified	
01 1220	Dairy	
01 1221	Males	
	01 122101 Ayrshire	
	01 122102 Brown Swiss	
	01 122103 Dutch Belted	

**LIVE ANIMALS—Continued**

**CATTLE—Continued**

**Cattle, Registered Purebreds—Continued**

**Dairy—Continued**

**Males—Continued**

- 01 122104 Guernsey
- 01 122105 Holstein-Friesian
- 01 122106 Jersey
- 01 122107 Milking Shorthorn
- 01 122199 Males, not elsewhere classified

01 1222

**Females**

- 01 122201 Ayrshire
- 01 122202 Brown Swiss
- 01 122203 Dutch Belted
- 01 122204 Guernsey
- 01 122205 Holstein-Friesian
- 01 122206 Jersey
- 01 122207 Milking Shorthorn
- 01 122299 Females, not elsewhere classified

01 2000

**SHEEP**

**Sheep, Except Registered Purebreds**

01 2100

**Lambs**

01 2110

**Yearlings**

01 2120

**Ewes**

01 2130

**Bucks and stags**

01 2140

01 2200

**Sheep, Registered Purebreds**

01 2210

**Males**

- 01 221001 Cheviot
- 01 221002 Columbia
- 01 221003 Corriedale
- 01 221004 Cotswold
- 01 221011 Dorset
- 01 221021 Hampshire
- 01 221031 Karakul
- 01 221041 Leicester
- 01 221042 Border Leicester
- 01 221043 Lincoln
- 01 221051 Merino
- 01 221052 Oxford Down
- 01 221061 Rambouillet
- 01 221062 Romeldale
- 01 221063 Romney
- 01 221071 Shropshire
- 01 221072 Southdown
- 01 221073 Suffolk
- 01 221099 Males, not elsewhere classified

01 2220

**Females**

- 01 222001 Cheviot
- 01 222002 Columbia
- 01 222003 Corriedale
- 01 222004 Cotswold
- 01 222011 Dorset
- 01 222021 Hampshire
- 01 222031 Karakul
- 01 222041 Leicester
- 01 222042 Border Leicester
- 01 222043 Lincoln
- 01 222051 Merino
- 01 222052 Oxford Down
- 01 222061 Rambouillet
- 01 222062 Romeldale
- 01 222063 Romney
- 01 222071 Shropshire
- 01 222072 Southdown
- 01 222073 Suffolk
- 01 222099 Females, not elsewhere classified

# LIVE ANIMALS—Continued

01 3000	<b>Hogs</b>	
01 3100	<i>Hogs, Except Registered Purebreds</i>	
01 3110	<b>Pigs</b>	
01 3120	Barrows and gilts	
01 3130	Packing sows	
01 3140	Boars and stags	
01 3200	<i>Hogs, Registered Purebreds</i>	
01 3210	<b>Males</b>	
	01 321001	Chester White
	01 321002	Duroc Jersey
	01 321003	Hampshire
	01 321004	O. I. C.
	01 321005	Poland China
	01 321006	Spotted Poland
	01 321007	Tamworth
	01 321008	Yorkshire
	01 321099	Males, not elsewhere classified
01 3220	<b>Females</b>	
	01 322001	Chester White
	01 322002	Duroc Jersey
	01 322003	Hampshire
	01 322004	O. I. C.
	01 322005	Poland China
	01 322006	Spotted Poland
	01 322007	Tamworth
	01 322008	Yorkshire
	01 322099	Females, not elsewhere classified
01 4000	<b>POULTRY AND BIRDS</b>	
01 4100	<i>Chickens</i>	
01 4110	Baby chicks	
01 4120	Fryers and broilers	
01 4130	Roasters and stewers	
01 4140	Fowls	
01 4150	Cocks	
01 4200	<i>Turkeys</i>	
01 4210	Poult	
01 4220	Turkeys, except poult	
01 4300	<i>Ducks</i>	
01 4400	<i>Geese</i>	
01 4500	<i>Game Birds</i>	
01 4600	<i>Guineas</i>	
01 4700	<i>Pigeons</i>	
01 4900	<i>Miscellaneous Poultry and Birds</i>	
01 4910	Birds for exhibition	
01 4990	Poultry and birds, not elsewhere classified (Include plumage and song birds)	
01 5000	<b>FUR-BEARING ANIMALS</b>	
01 5100	<i>Fur-Bearing Animals, Except Registered Purebreds</i>	
01 5110	Silver or black fox	
01 5120	Mink	
01 5130	Karakul sheep	
01 5140	Chinchilla	
01 5150	Muskrats	
01 5160	Rabbits	
01 5190	Fur-bearing animals, except registered purebreds, not elsewhere classified	
01 5200	<i>Fur-Bearing Animals for Breeding and Stocking, Registered Purebreds</i>	
01 5210	Silver or black fox	
01 5220	Mink	
01 5230	Rabbits	
01 5290	Fur-bearing animals for breeding and stocking, registered purebreds, not elsewhere classified	



# *LIVE ANIMALS—Continued*

01 6000	HORSES, ASSES, BURROS AND MULES
01 6100	<i>Horses</i>
01 6110	Horses, except registered purebreds
01 6111	Males
01 6112	Females
01 6120	Horses, registered purebreds
01 6121	Draft, registered purebreds
	01 612110 Males
	01 612111 Belgian
	01 612112 Clydesdale
	01 612113 Percheron
	01 612114 Shire
	01 612115 Suffolk
	01 612119 Males, not elsewhere classified
	01 612120 Females
	01 612121 Belgian
	01 612122 Clydesdale
	01 612123 Percheron
	01 612124 Shire
	01 612125 Suffolk
	01 612129 Females, not elsewhere classified
01 6122	Horses, except draft, registered purebreds
	01 612210 Males
	01 612211 American Saddle
	01 612212 Arabian
	01 612213 Cleveland Bay
	01 612214 Hackney
	01 612215 Hanovarian
	01 612216 Morgan
	01 612217 Standardbred
	01 612218 Thoroughbred
	01 612219 Males, not elsewhere classified
	01 612220 Females
	01 612221 American Saddle
	01 612222 Arabian
	01 612223 Cleveland Bay
	01 612224 Hackney
	01 612225 Hanovarian
	01 612226 Morgan
	01 612227 Standardbred
	01 612228 Thoroughbred
	01 612229 Females, not elsewhere classified
01 6200	<i>Asses and Burros</i>
01 6210	Asses and burros, except registered purebreds
01 6211	Asses
01 6212	Burros
01 6220	Asses and burros, registered purebreds
01 6221	Asses
01 6222	Burros
01 6300	<i>Mules</i>
01 7000	<i>Goats</i>
01 7100	<i>Goats, Except Registered Purebreds</i>
01 7110	Angora
01 7120	Goats, except angora
01 7200	<i>Goats, Registered Purebreds</i>
01 7210	Angora
01 7220	Saanen
01 7230	Toggenburg
01 7290	Goats, registered purebreds, not elsewhere classified
01 8000	<i>Dogs</i>
01 8100	<i>Dogs, Except Registered Purebreds</i>
01 8200	<i>Dogs, Registered Purebreds</i>
01 9000	MISCELLANEOUS LIVE ANIMALS
01 9100	<i>Animals, Except Registered Purebreds</i>
01 9110	Work oxen
01 9120	Wild animals for exhibition

- *LIVE ANIMALS*—Continued

MISCELLANEOUS LIVE ANIMALS—Continued

*Animals, Except Registered Purebreds*—Continued

01 9130	Marine animals, except for food
01 9131	Goldfish
01 9132	Aquarium fish, except goldfish
01 9133	Terrapins and turtles
01 9139	Marine animals, except for food, not elsewhere classified
01 9140	Bees
01 9150	Snails
01 9160	Leeches
01 9190	Animals, except registered purebreds, not elsewhere classified
01 9200	<i>Animals, Registered Purebreds, Not Elsewhere Classified</i>





## MAJOR GROUP 02—CRUDE ANIMAL PRODUCTS, EDIBLE

02 0000	<i>CRUDE ANIMAL PRODUCTS, EDIBLE</i>	
02 1000	EGGS OF POULTRY, IN THE SHELL (FRESH AND STORAGE)	
02 2000	MILK, UNPROCESSED	
02 3000	FISH	
02 3001	Alewives (River herring)	
02 3002	Amberjack	
02 3003	Anchovies	
02 3004	Angelfish	
02 3011	Barracuda	
02 3012	Black bass	
02 3013	Bluefish	
02 3014	Blue pike	
02 3015	Blue runner (Hardtail)	
02 3017	Bowfin	
02 3018	Buffalofish	
02 3021	Burbot	
02 3022	Butterfish	
02 3031	Cabio (Crab eater)	
02 3032	Cabrilla	
02 3033	Carp	
02 3034	Catfish and Bullheads	
02 3035	Chubs	
02 3036	Cigarfish	
02 3037	Cisco	
02 3038	Cod	
02 3041	Crappie	
02 3042	Crevaille	
02 3043	Croaker	
02 3044	Cunner	
02 3045	Cusk	
02 3051	Dolly Varden trout (Bull trout)	
02 3052	Dolphin	
02 3053	Drum	
	02 30531	Black
	02 30532	Red (Redfish)
02 3061	Eels	
	02 30611	Common
	02 30612	Conger
02 3071	Flounders	
02 3072	Flying fish	
02 3073	Frigate mackerel	
02 3081	Garfish	
02 3082	Goldfish (Sand perch)	
02 3084	Goosefish	
02 3085	Groupers	
02 3086	Grunts	
02 3091	Haddock	
02 3092	Hake	
02 3093	Halibut	
02 3094	Hardheads	
02 3095	Harvestfish (Starfish)	
02 3096	Herring	
	02 30961	Lake
	02 30962	Sea
02 3097	Herring smelt	
02 3098	Hickory shad	
02 3101	Hogchoker	

CRUDE ANIMAL PRODUCTS, EDIBLE—Continued

Fish—Continued

02 3102	Hogfish
02 3103	Horse mackerel
02 3111	Jewfish
02 3121	Kingfish, California
02 3122	Kingfish (Kingmackerel)
02 3123	King whiting (Kingfish)
02 3131	Lake trout
02 3132	Lamprey
02 3133	Launce
02 3134	"Lingcod"
02 3141	Mackerel
02 3142	Menhaden
02 3143	Minnows
02 3144	Mojarra
02 3145	Mooneye
02 3146	Moonfish
02 3147	Mullet
02 3148	Muttonfish
02 3161	Paddlefish (Spoonbill cat)
02 3162	Permit
02 3163	Pigfish
02 3164	Pike or pickerel
02 3165	Pilchard (Sardine)
02 3166	Pinfish
02 3167	Pollock
02 3168	Pompano
02 3171	Quillback
02 3181	Rock bass
02 3182	Rockfishes
02 3183	Rosefish
02 3184	Rudderfish
02 3185	Shark
	02 31851 Dogfish (Grayfish)
	02 31852 Soupfish
	02 31859 Shark, not elsewhere classified
02 3201	Sablefish
02 3202	Salmon
	02 32021 Atlantic
	02 32022 Blueback (Red salmon or sockeye salmon)
	02 32023 Chinook (King salmon)
	02 32024 Chum (Keta)
	02 32025 Humpback (Pink salmon)
	02 32026 Silver (Coho)
	02 32029 Salmon, not elsewhere classified
02 3203	Sand perch (Mademoiselle)
02 3204	Sanger
02 3205	Sculpin
02 3206	Scup (Porgy)
02 3207	Sea bass
	02 32071 Black (California)
	02 32072 White (California)
	02 32079 Sea bass, not elsewhere classified
02 3208	Sea catfish
02 3211	Sea robin
02 3212	Shad
02 3213	Sheephead
	02 32131 Fresh-water
	02 32132 Salt-water
02 3214	Silversides
02 3215	Skates
02 3216	Skipper ("Billfish")
02 3217	Smelt
02 3218	Snapper
	02 32181 Lane
	02 32182 Mangrove
	02 32183 Red

# CRUDE ANIMAL PRODUCTS, EDIBLE—Continued

## Fish—Continued

02 3221	Snook (Sergeantfish)
02 3222	Spadefish
02 3223	Spanish mackerel
02 3224	Splittail
02 3225	Spot
02 3226	Squawfish
02 3227	Squeteagues (Sea trout)
	02 32271 Gray
	02 32272 Spotted
	02 32273 White
02 3228	Squirrel hake
02 3231	Steelhead trout (Salmon trout)
02 3232	Striped bass
02 3233	Sturgeon
	02 32331 Shovelnose
	02 32332 Sturgeon, except shovelnose
02 3234	Suckers
02 3235	Sunfish
02 3236	Surfishes (Perch)
02 3237	Swellfish
02 3238	Swordfish
02 3251	Tautog
02 3252	Tenpounder
02 3253	Tilefish
02 3254	Tomcod
02 3256	Tullibees
02 3257	Tuna and tuna-like fishes
	02 32571 Albacore
	02 32572 Bluefin
	02 32573 Bonito
	02 32574 Skipjack
	02 32575 Yellowfin
02 3258	Turbot
02 3271	Whitebass
02 3272	Whitebait
02 3273	Whitefish
	02 32731 Common
	02 32732 Menominee
02 3274	White perch
02 3275	Whiting
02 3276	Wolfish
02 3281	Yellow perch
02 3282	Yellow pike
02 3283	Yellowtail
	02 32831 Atlantic
	02 32832 Pacific
02 3299	Fish, not elsewhere classified
02 4000	SHELLFISH
02 4010	Crabs
02 4011	Hard
02 4012	King (Pacific coast)
02 4013	Stone
02 4014	Soft and peelers
02 4020	Crawfish
02 4030	Lobsters
02 4031	Common
02 4032	Spiny
02 4040	Shrimp
02 4050	Abalone
02 4060	Clams
02 4061	Coquina
02 4062	Hard
02 4063	Pismo
02 4064	Razor
02 4065	Soft
02 4066	Surf
02 4069	Clams, not elsewhere classified



CRUDE ANIMAL PRODUCTS, EDIBLE—Continued

SHELLFISH—Continued

02 4070	Limpets
02 4080	Conchs
02 4110	Mussels, sea
02 4120	Oysters
02 4121	Eastern, public
02 4122	Eastern, private
02 4123	Pacific
02 4124	Western
02 4130	Periwinkles and "cockles"
02 4140	Scallops
02 4141	Bay
02 4142	Sea
02 4150	Squid
02 4160	Octopus
02 4190	Shellfish, not elsewhere classified
02 6000	HONEY (COMB)
02 9000	MISCELLANEOUS CRUDE ANIMAL PRODUCTS, EDIBLE
02 9010	Sea urchins
02 9020	Terrapin
02 9030	Turtles
02 9040	Frogs
02 9050	Trepang (sea cucumbers)
02 9090	Crude animal products, edible, not elsewhere classified

## MAJOR GROUP 03—CRUDE ANIMAL PRODUCTS, INEDIBLE, EXCEPT FIBERS

- 03 0000 *CRUDE ANIMAL PRODUCTS, INEDIBLE, EXCEPT FIBERS*  
 03 1000 *HIDES AND SKINS (NOT FUR SKINS), RAW*  
 03 1100 *Cattle Hides*  
 03 1110 Dry and dry-salted (over 15 pounds)  
 03 1120 Wet-salted (over 30 pounds)  
 03 1200 *Kipskins*  
 03 1210 Dry and dry-salted (6 to 15 pounds)  
 03 1220 Wet-salted (15 to 30 pounds)  
 03 1300 *Calfskins*  
 03 1310 Dry and dry-salted (less than 6 pounds)  
 03 1320 Wet-salted (less than 15 pounds)  
 03 1400 *Buffalo Hides, Including India Water Buffalo*  
 03 1410 Dry and dry-salted  
 03 1420 Wet-salted  
 03 1500 *Horse, Colt, Ass and Mule Hides*  
 03 1510 Dry and dry-salted  
 03 1511 Whole hides  
 03 1512 Fronts  
 03 1513 Butts  
 03 1514 Shanks  
 03 1520 Wet-salted  
 03 1521 Whole hides  
 03 1522 Fronts  
 03 1523 Butts  
 03 1524 Shanks  
 03 1600 *Sheep and Lamb Skins*  
 03 1610 Shearlings (include dry and green salted skins)  
 03 1620 Woolled (wool on) dry and green salted, except shearlings  
 03 1630 Slats, dry no wool  
 03 1640 Pickled skins, not split, no wool  
 03 1650 Pickled fleshers, split, flesh side  
 03 1660 Pickled skivers, split, grain side  
 03 1670 Hair sheep and cabrettas  
 03 1700 *Goat or Kid Skins*  
 03 1710 Dry and dry-salted  
 03 1720 Green or pickled  
 03 1800 *Kangaroo and Wallaby*  
 03 1900 *Miscellaneous Hides and Skins, Raw*  
 03 1910 Deer, buck or doe  
 03 1920 Elk, buck or doe  
 03 1930 Reptile  
 03 1931 Lizard  
 03 1932 Alligator  
 03 1933 Snake  
 03 1939 Reptile skins, not elsewhere classified  
 03 1940 Sealskins  
 03 1950 Fish skins  
 03 1951 Shark  
 03 1959 Fish skins, not elsewhere classified  
 03 1960 Pig and hog skins, including strips  
 03 1961 Carpincho  
 03 1962 Peccary  
 03 1969 Pig and hog skins, including strips, not elsewhere classified  
 03 1990 Hides and skins, raw, not elsewhere classified

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CRUDE ANIMAL PRODUCTS, INEDIBLE, EXCEPT FIBERS—Con.

03 2000	FUR SKINS, UNDRESSED
03 2100	<i>Rodent Group</i>
03 2110	Beaver
03 2120	Muskrat
03 2130	Nutria
03 2140	Squirrel
03 2150	Marmot
03 2160	Chinchilla
03 2170	Rabbit
03 2180	Hare
03 2190	Rodent group furs, not elsewhere classified
03 2200	<i>Cat Group</i>
03 2210	Leopard
03 2220	Jaguar
03 2230	Cheetah
03 2240	Ocelot
03 2250	South American cats
03 2260	Wild cats
03 2270	Lynx
03 2280	Civets
03 2290	Cat group furs, not elsewhere classified
03 2300	<i>Dog and Wolf Group</i>
03 2310	Dog
03 2320	Wolf
03 2330	Jackal
03 2340	Silver or black fox
03 2350	Fox, except silver or black
03 2351	Red
03 2352	Grey
03 2353	Blue
03 2354	White
03 2355	Cross
03 2359	Fox, except silver or black, not elsewhere classified
03 2390	Dog and wolf group furs, not elsewhere classified
03 2400	<i>Bear and Raccoon Group</i>
03 2410	Bear
03 2420	Raccoon
03 2490	Bear and raccoon group furs, not elsewhere classified (include ringtail)
03 2500	<i>Weasel Group</i>
03 2510	Sable
03 2520	Marten
03 2530	Mink
03 2540	Kolinsky
03 2550	Fisher
03 2560	Ermine
03 2570	Weasel
03 2580	Skunk
03 2590	Miscellaneous weasel group furs
03 2591	Otter
03 2592	Wolverine
03 2593	Fitch
03 2594	Badger
03 2599	Miscellaneous weasel group furs, not elsewhere classified
03 2600	<i>Marsupials or Pouched Animal Group</i>
03 2610	Opossum
03 2620	Kangaroo and wallaby
03 2630	Koala and wombat
03 2690	Marsupials or pouched animal group furs, not elsewhere classified
03 2700	<i>Hoofed Animals Group</i>
03 2710	Persian lamb type
03 2711	Persian lamb
03 2712	Broadtail lamb
03 2713	Persian broadtail
03 2714	Krimmer
03 2719	Persian lamb type, not elsewhere classified
03 2720	Caracul



CRUDE ANIMAL PRODUCTS, INEDIBLE, EXCEPT FIBERS.—Con.

FUR SKINS, UNDRESSED—Continued

*Hoofed Animals Group—Continued*

- 03 2730 Lamb and sheep except Persian lamb and caracul
- 03 2740 Goat and kid
- 03 2750 Pony
- 03 2760 Calf
- 03 2770 Guanquito
- 03 2790 Hoofed animals group furs, not elsewhere classified
- 03 2800 *Tails, Paws, Heads, and Other Separate Parts of Furs or Skins*
- 03 2900 *Miscellaneous Undressed Furs*
- 03 2910 Fur seal
- 03 2920 Hair seal
- 03 2930 Mole
- 03 2940 Monkey
- 03 2990 Miscellaneous undressed furs, not elsewhere classified
- 03 3000 FEATHERS AND DOWNS, RAW OR CRUDE
- 03 3100 *Downs of All Kinds*
- 03 3200 *Feathers*
- 03 3210 Goose
- 03 3220 Duck
- 03 3230 Chicken
- 03 3240 Turkey
- 03 3250 Ostrich
- 03 3260 Marabou
- 03 3290 Feathers, not elsewhere classified

MARINE ANIMALS

- 03 4200 *Whales*
- 03 4300 *King or "Horseshoe" Crabs*
- 03 4400 *Octopus*
- 03 4500 *Sponges*
- 03 4510 Sheepswool
- 03 4520 Yellow
- 03 4530 Grass
- 03 4540 Velvet
- 03 4550 Hardhead or reef
- 03 4590 Sponges, not elsewhere classified
- 03 4600 *Worms*
- 03 4610 Blood
- 03 4620 Sand
- 03 4900 *Marine Animals, Not Elsewhere Classified*

SHELLS, UNMANUFACTURED

- 03 5100 *Ocean*
- 03 5110 Abalone
- 03 5120 Concho
- 03 5130 Green snail
- 03 5140 Mussel
- 03 5150 Oyster
- 03 5160 Pearl
- 03 5170 Tortoise
- 03 5180 Trocha
- 03 5190 Ocean shells, not elsewhere classified
- 03 5200 *Fresh Water*
- 03 5210 Mussel
- 03 5290 Fresh water shells, not elsewhere classified

CRUDE MATERIALS OF ANIMAL ORIGIN USED FOR MANUFACTURING DRUGS

- 03 6100 *Ovaries*
- 03 6200 *Pancreas*
- 03 6300 *Fish Livers*
- 03 6301 Shark
  - 03 63011 Dogfish (Grayfish)
  - 03 63012 Soupfin
  - 03 63019 Shark livers, not elsewhere classified
- 03 6302 Halibut
- 03 6303 "Lingcod"
- 03 6304 Sablefish
- 03 6305 Tuna

**CRUDE ANIMAL PRODUCTS, INEDIBLE, EXCEPT FIBERS—Con.**

**CRUDE MATERIALS OF ANIMAL ORIGIN USED FOR MANUFACTURING**

**DRUGS—Continued**

*Fish Livers—Continued*

03 6306

Cod

03 63061 Atlantic

03 63062 Pacific

03 6307

"Sole"

03 6308

Skate

03 6311

Jewfish

03 6312

Mackerel

03 6313

Red snapper

03 6314

Sea bass

03 6315

Flounder

03 6316

Totunava (White sea bass)

03 6317

Cabrilla

03 6318

Burbot

03 6399

Fish livers, not elsewhere classified

03 6400

*Fish Viscera*

03 6402

Halibut

03 6403

"Lingcod"

03 6404

Sablefish

03 6499

Fish viscera, not elsewhere classified

03 6500

*Secondary Materials*

03 6600

*Biles*

03 6700

*Urine Extracts*

03 6800

*Perfume Fixatives and Related Products*

03 6810

Ambergris

03 6820

Castoreum or castor

03 6830

Civet

03 6840

Musk, natural

03 6890

Perfume fixatives and related products, not elsewhere classified

03 6900

*Crude Materials of Animal Origin, Used for Manufacturing Drugs, Not Elsewhere Classified*

03 8000

*BONES, HOOF, AND HORNS, CRUDE*

03 9000

*MISCELLANEOUS CRUDE ANIMAL PRODUCTS, INEDIBLE, EXCEPT FIBERS*

03 9100

*Ivory, Crude*

03 9900

*Crude Animal Products, Inedible, Except Fibers, Not Elsewhere Classified*

## MAJOR GROUP 04—CRUDE VEGETABLE PRODUCTS, EDIBLE

04 0000	<b>CRUDE VEGETABLE PRODUCTS, EDIBLE</b>
04 1000	<b>GRAINS OR CEREALS</b>
04 1100	<i>Wheat</i>
04 1110	Winter
04 1111	Hard red
04 1112	Soft red
04 1113	White
04 1120	Spring
04 1121	Hard red
04 1122	Durum
04 1123	White
04 1190	Wheat, not elsewhere classified
04 1200	<i>Corn</i>
04 1210	Popcorn
04 1220	Corn, except popcorn
04 1300	<i>Oats</i>
04 1400	<i>Barley</i>
04 1500	<i>Rye</i>
04 1600	<i>Rice, Rough or Paddy</i>
04 1700	<i>Grain Sorghums</i>
04 1710	Durra
04 1720	Feterita
04 1730	Hegari
04 1740	Kafir
04 1750	Milo
04 1790	Grain sorghums, not elsewhere classified
04 1800	<i>Buckwheat</i>
04 1900	<i>Grains, Not Elsewhere Classified</i>
04 2000	<b>VEGETABLES</b>
04 2100	<i>Bulbs, Roots, and Tubers</i>
04 2101	Beets
04 2102	Carrots
04 2103	Dasheens (Taro)
04 2104	Garlic
04 2105	Horseradish
04 2106	Jerusalem artichokes
04 2107	Leeks
04 2108	Onions
04 2111	Oyster plant (Salsify)
04 2113	Parsnips
04 2114	Potatoes, Irish
04 2115	Radishes
04 2116	Rutabagas
04 2117	Scallions
04 2118	Shallots
04 2121	Sweet potatoes
04 2122	Turnips
04 2123	Truffles
04 2124	Yams
04 2199	Bulbs, roots, and tubers, not elsewhere classified
04 2200	<i>Dry Ripe Vegetable Seed Used as Food</i>
04 2210	Beans
	04 22101 Baby Lima
	04 22102 Black eye (Cowpea)
	04 22103 Broad bean (Fava)



**CRUDE VEGETABLE PRODUCTS, EDIBLE—Continued**

**VEGETABLES—Continued**

**Dry Ripe Vegetable Seed Used as Food—Continued**

**Beans—Continued**

04 22104	California small white
04 22105	Cranberry
04 22106	Garbanzo (Chickpea)
04 22107	Great Northern
04 22108	Mung bean
04 22111	Pea and medium white
04 22112	Pink
04 22113	Pinto
04 22114	Red kidney
04 22115	Small red
04 22116	Standard Lima
04 22117	White kidney
04 22118	White marrow
04 22121	Yellow eye
04 22199	Beans, not elsewhere classified

04 2220

**Peas**

04 22201	Garden pea
04 22202	Field pea
04 22299	Peas, not elsewhere classified

04 2230

**Lentils**

04 2240

**Lupines**

04 2250

**Cowpeas, except Black-eye**

04 2290

**Dry ripe vegetable seed used as food, not elsewhere classified**

04 2300

**Fresh Vegetables**

04 2301

**Artichokes (Globe)**

04 2302

**Asparagus**

04 2303

**Bamboo sprouts**

04 2304

**Beans, Fava**

04 2305

**Beans, Lima**

04 2306

**Beans, snap**

04 2307

**Broccoli**

04 2308

**Brussels sprouts**

04 2311

**Cabbage**

04 2312

**Cardoon**

04 2313

**Cauliflower**

04 2314

**Celeriac**

04 2315

**Celery**

04 2316

**Chayote**

04 2317

**Chinese cabbage**

04 2318

**Chives**

04 2321

**Collards**

04 2322

**Corn**

04 2323

**Cucumbers**

04 2324

**Eggplant**

04 2325

**Endive**

04 2326

**Escarole**

04 2327

**Fennel (Sweet anise)**

04 2328

**Kale**

04 2331

**Kohlrabi**

04 2332

**Lettuce**

04 2333

**Mushrooms**

04 2334

**Mustard greens**

04 2335

**Okra (Gumbo)**

04 2336

**Parsley**

04 2337

**Peas, green**

04 2338

**Peppers**

04 2341

**Pimientos**

04 2342

**Pumpkins**

04 2343

**Rhubarb**

04 2344

**Spinach**

04 2345

**Squash, winter**

04 2346

**Squash, summer**

04 2347

**Swiss chard**

04 2348

**Tomatoes**

# CRUDE VEGETABLE PRODUCTS, EDIBLE—Continued

## VEGETABLES—Continued

### Fresh Vegetables—Continued

- 04 2351 Watercress
- 04 2399 Fresh vegetables, not elsewhere classified
- 04 2900 Vegetables, Not Elsewhere Classified

## FRUITS

### Berries

- 04 3100 Blackberries
- 04 3101 Blueberries
- 04 3102 Boysenberries
- 04 3103 Cranberries
- 04 3104 Currants
- 04 3105 Gooseberries
- 04 3106 Dewberries
- 04 3108 Loganberries
- 04 3111 Black raspberries
- 04 3112 Red raspberries
- 04 3113 Strawberries
- 04 3114 Youngberries
- 04 3115 Huckleberries
- 04 3116 Lingon (Partridge berries)
- 04 3199 Berries, not elsewhere classified

### Citrus Fruits

- 04 3200 Citron
- 04 3201 Grapefruit
- 04 3202 Kumquats
- 04 3203 Lemons
- 04 3204 Limes
- 04 3206 Mandarins
- 04 3207 Oranges
- 04 3208 Tangerines
- 04 3211 Temple oranges
- 04 3212 Satsumas
- 04 3299 Citrus fruits, not elsewhere classified

### Deciduous Fruits

- 04 3301 Apples
- 04 3302 Apricots
- 04 3303 Cherries
- 04 3304 Grapes
- 04 3305 Nectarines
- 04 3306 Peaches
- 04 3307 Pears
- 04 3308 Persimmons
- 04 3311 Plums
- 04 3312 Prunes
- 04 3313 Quinces
- 04 3399 Deciduous fruits, not elsewhere classified

### Tropical and Subtropical Fruits

- 04 3400 Avocados
- 04 3401 Bananas and plantains
- 04 3402 Dates
- 04 3403 Figs
- 04 3404 Guavas
- 04 3406 Loquats
- 04 3407 Mangoes
- 04 3408 Olives
- 04 3411 Pineapples
- 04 3412 Sapodillas
- 04 3413 Papayas
- 04 3414 Pomegranates
- 04 3499 Tropical and subtropical fruits, not elsewhere classified

### Fruits, Not Elsewhere Classified

- 04 3900 Melons or muskmelons
- 04 3910 Cantaloupes
- 04 3911 Casabas
- 04 3912 Honeyballs
- 04 3914 Honeydews

**CRUDE VEGETABLE PRODUCTS, EDIBLE—Continued**

**FRUITS—Continued**

*Fruits, Not Elsewhere Classified—Continued*

Melons or muskmelons—Continued

- 04 3915 Persians
- 04 3999 Melons, not elsewhere classified
- 04 3920 Watermelons
- 04 4000 **NUTS, TREE**
- 04 4001 Almonds
- 04 4002 Black walnuts
- 04 4003 Brazil nuts
- 04 4004 Butternuts
- 04 4005 Cashew nuts
- 04 4006 Coconuts
- 04 4007 Chestnuts
- 04 4008 English walnuts
- 04 4011 Filberts (Hazel nuts)
- 04 4012 Hickory nuts
- 04 4013 Pecans
- 04 4014 Pignolias (Pine nuts)
- 04 4015 Pistache nuts
- 04 4099 Nuts, not elsewhere classified

**SUGAR CROPS**

- 04 5100 *Sugar Cane*
- 04 5200 *Sugar Beets*
- 04 5300 *Sweet Sorghum*
- 04 5900 *Sugar Crops, Not Elsewhere Classified*

**BEVERAGE CROPS**

- 04 6100 *Coffee*
- 04 6200 *Cocoa Beans*
- 04 6300 *Tea*
- 04 6400 *Yerba Mate*
- 04 6500 *Chickory*
- 04 6900 *Beverage Crops, Not Elsewhere Classified*

**SPICES AND SPICE SEEDS, UNGROUND**

- 04 7001 Anise seed
- 04 7002 Caraway
- 04 7011 Cinnamon
- 04 7012 Cloves
- 04 7013 Coriander
- 04 7014 Cumin
- 04 7015 Fennel
- 04 7021 Ginger root, not preserved or candied
- 04 7022 Mace
- 04 7023 Mustard seed
- 04 7024 Nutmegs
- 04 7025 Paprika
- 04 7026 Pepper, black
- 04 7031 Allspice (Pimento)
- 04 7032 Basil
- 04 7033 Bay or laurel leaves
- 04 7034 Cardamon, unshelled
- 04 7035 Cardamon, shelled
- 04 7036 Cassia bark
- 04 7037 Cassia buds
- 04 7038 Cayenne pepper (Chillies)
- 04 7041 Celery seed
- 04 7042 Dill seed
- 04 7043 Marjoram leaves (Origanum)
- 04 7044 Mixed spice and herbs
- 04 7045 Oregano
- 04 7046 Rosemary
- 04 7047 Sage
- 04 7048 Savory
- 04 7051 Star anise
- 04 7052 Thyme leaves
- 04 7099 Spices and spice seeds, unground, not elsewhere classified
- 04 9000 **VEGETABLE PRODUCTS, EDIBLE, NOT ELSEWHERE CLASSIFIED**



## MAJOR GROUP 05—CRUDE VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS

05 0000	<b>CRUDE VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS</b>	
05 1000	<b>SEEDS, EXCEPT OILSEEDS</b>	
05 1100	<b>Field Seeds</b>	
05 1101	Alfalfa	
05 1102	Bahia grass	
05 1103	Bentgrass	
05 1104	Bermuda grass	
05 1105	Black medick	
05 1106	Bluegrass	
	05 11061	Annual
	05 11062	Canada
	05 11063	Kentucky
	05 11064	Rough
	05 11065	Wood
	05 11069	Bluegrass seeds, not elsewhere classified
05 1107	Bromegrass	
05 1108	Carpet grass	
05 1111	Clover	
	05 111101	Alsike
	05 111102	Bur
	05 111103	Crimson
	05 111104	Ladino
	05 111105	Red
	05 111106	Sour
	05 111107	Strawberry
	05 111108	Subterranean
	05 111111	Suckling
	05 111112	Sweet
	05 111113	White
	05 111199	Clover seeds, not elsewhere classified
05 1112	Crested dogstail	
05 1113	Dallis grass	
05 1114	Fescue	
	05 11141	Chewings
	05 11142	Meadow
	05 11143	Sheep's
	05 11149	Fescue seeds, not elsewhere classified
05 1115	Grama grass	
05 1116	Guinea grass	
05 1117	Kudzu	
05 1118	Lespedeza	
05 1121	Meadow foxtail	
05 1122	Millet	
	05 11221	Broomcorn (Hog millet)
	05 11222	German
	05 11223	Hungarian
	05 11224	Japanese
	05 11225	Siberian
	05 11229	Millet seeds, not elsewhere classified
05 1123	Molasses grass	
05 1124	Orchard grass	
05 1125	Peas	
	05 11251	Austrian winter
	05 11252	Field
	05 11259	Peas, not elsewhere classified

**CRUDE VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS—**

Continued

**SEEDS, EXCEPT OILSEEDS—Continued**

*Field Seeds—Continued*

05 1126	Redtop
05 1127	Reed canary grass
05 1128	Rescue grass
05 1131	Rhodes grass
05 1132	Ryegrass
	05 11321 Italian
	05 11322 Perennial
	05 11323 Pacific (domestic)
05 1133	Seed beans
05 1134	Sorghum
	05 11341 Broomcorn
	05 11342 Grain
	05 11343 Sudan grass
	05 11344 Sweet
	05 11349 Sorghum seeds, not elsewhere classified
05 1135	Soybeans
05 1136	Sugar beet seed
05 1137	Tall oat grass
05 1138	Timothy
05 1141	Tobacco seed
05 1142	Velvet beans
05 1143	Vetch
	05 11431 Common
	05 11432 Hairy
	05 11439 Vetch, not elsewhere classified
05 1144	Wheatgrass
	05 11441 Crested
	05 11442 Slender
05 1199	Field seeds, not elsewhere classified
05 1200	<i>Vegetable Seeds</i>
05 1201	Beet, garden
05 1202	Broccoli
	05 12021 Cauliflower type
	05 12022 Sprouting
05 1203	Brussels sprouts
05 1204	Cabbage
05 1205	Carrots
05 1206	Cauliflower
05 1207	Celeriac
05 1208	Chard, Swiss
05 1211	Chicory
05 1212	Collard
05 1213	Cress
	05 12131 Garden
	05 12132 Water
05 1214	Cucumber
05 1216	Eggplant
05 1217	Endive
05 1218	Kale
05 1221	Kohl-rabi
05 1222	Leek
05 1223	Lettuce
	05 12231 Heading
	05 12232 Loose-Leaf
	05 12233 Romaine
05 1224	Mangelwurz
05 1225	Muskmelon
05 1226	Okra
05 1227	Onion
05 1228	Parsley
05 1231	Parsnip
05 1232	Pepper
05 1233	Pumpkin
05 1234	Radish
05 1235	Rutabaga

# CRUDE VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS—

Continued

SEEDS, EXCEPT OILSEEDS—Continued

*Vegetable Seeds*—Continued

05 1236	Salsify	
05 1237	Spinach	
05 1238	Squash	
	05 12381	Summer
	05 12382	Winter
05 1241	Tomato	
05 1242	Turnip	
	05 12421	White-fleshed
	05 12422	Yellow-fleshed
05 1243	Watermelon	
05 1244	Artichoke	
05 1245	Asparagus	
05 1246	Bean	
	05 124610	Dwarf
	05 124611	Green-podded
	05 124612	Wax-podded
	05 124613	Field type
	05 124614	Lima
	05 124620	Pole
	05 124621	Common
	05 124622	Lima
	05 124690	Bean seeds, not elsewhere classified
05 1247	Broad bean (Fava bean seeds)	
05 1248	Chinese cabbage	
05 1251	Cardoon	
05 1252	Chervil	
05 1253	Chive	
05 1254	Corn	
	05 12541	Sweet
	05 12542	Non-sweet
05 1255	Corn salad	
05 1256	Dandelion	
05 1257	Fennel (Sweet anise)	
05 1258	Horseradish	
05 1261	Mustard	
05 1262	Pea	
	05 12621	Smooth
	05 12622	Wrinkled
	05 12623	Edible pod
05 1263	Rhubarb	
05 1264	Roquette	
05 1265	Sorrel	
05 1299	Vegetable seeds, not elsewhere classified	
05 1300	<i>Flower Seeds</i>	
05 1311	Ageratum	
05 1312	Alyssum	
05 1313	Amaryllis	
05 1314	Anemone (Wind flower)	
05 1315	Antirrhinum (Snapdragon)	
05 1316	Aquilegia (Columbine)	
05 1317	Balsam	
05 1318	Begonia	
05 1321	Calendula	
05 1322	Campanula (Canterbury bell)	
05 1323	Candytuft	
05 1324	Carnation	
05 1325	Celosia	
05 1326	Centaurea	
05 1327	Coreopsis	
05 1328	Cosmos	
05 1331	Cyclamen	
05 1332	Dahlia	
05 1333	Delphinium (Larkspur)	
05 1334	Dianthus (Pinks)	



CRUDE VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS—  
Continued

SEEDS, EXCEPT OILSEEDS—Continued

*Flower Seeds*—Continued

- 05 1335 Digitalis (Foxglove)
- 05 1336 Escholtzia
- 05 1337 Four o'clock
- 05 1338 Gaillardia
- 05 1341 Geranium
- 05 1342 Godetia
- 04 1343 Gypsophila (Baby's breath)
- 05 1344 Helichrysum (Strawflower)
- 05 1345 Hollyhock
- 05 1346 Ipomea (Morning glory)
- 05 1347 Marigold
- 05 1348 Mignonette
- 05 1351 Myosotis (Forget-me-not)
- 05 1352 Petunia
- 05 1353 Poppy
- 05 1354 Portulaca
- 05 1355 Primula (Primrose, Cowslip)
- 05 1356 Salpiglossis
- 05 1357 Salvia
- 05 1358 Scabiosa
- 05 1361 Stocks
- 05 1362 Verbena
- 05 1363 Viola
- 05 1399 Flower seeds, not elsewhere classified
- 05 1400 *Tree, Shrub, and Woody Vine Seeds*
- 05 1410 Ornamental and forest tree, and shrub seeds
- 05 1411 Coniferous evergreen, including Larch
  - 05 14111 Pine
  - 05 14112 Spruce
  - 05 14113 Juniper
  - 05 14114 Larch
  - 05 14119 Coniferous evergreen, not elsewhere classified
- 05 1412 Broad-leaved deciduous and evergreen tree
  - 05 14121 Black locust
  - 05 14122 Oak
  - 05 14129 Broad-leaved deciduous and evergreen tree, not elsewhere classified
- 05 1413 Rose
- 05 1414 Shrub, except rose
- 05 1415 Woody vine
- 05 1416 Palm
- 05 1419 Ornamental and forest tree, and shrub seeds, not elsewhere classified
- 05 1420 Fruit tree and vine
- 05 1421 Apple
- 05 1422 Apricot
- 05 1423 Cherry
  - 05 14231 Mahaleb
  - 05 14232 Mazzard
  - 05 14239 Cherry seeds, not elsewhere classified
- 05 1424 Citrus
  - 05 14241 Grapefruit
  - 05 14242 Orange
  - 05 14243 Lemon
  - 05 14244 Lime
  - 05 14249 Citrus fruit seeds, not elsewhere classified
- 05 1425 Grape
- 05 1426 Peach
- 05 1427 Pear
  - 05 14271 French
  - 05 14272 Pear, except French
- 05 1428 Plum and prune
  - 05 14281 Myrobalan
  - 05 14282 Plum and prune, except Myrobalan
- 05 1429 Fruit tree and vine seeds, not elsewhere classified

**CRUDE VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS—**

**Continued**

**SEEDS, EXCEPT OILSEEDS—Continued**

- 05 1900 *Miscellaneous Seeds, Except Oil Seeds*  
 05 1901 Canary grass seed  
 05 1902 Bent grass stolens  
 05 1903 Niger grass  
 05 1904 Mushroom spawn  
 05 1905 Onion sets  
 05 1999 Seeds, except oil seeds, not elsewhere classified

**OILSEEDS, NUTS, AND KERNELS**

*Oilseeds*

- 05 2100  
 05 2102 Castor beans (Castorseed)  
 05 2104 Cottonseed  
 05 2105 Flaxseed  
 05 2106 Hempseed  
 05 2107 Kapok  
 05 2108 Grapeseed  
 05 2112 Perilla  
 05 2113 Poppy  
 05 2114 Rapeseed  
 05 2115 Rubber seed (Hevea seed)  
 05 2116 Sesame  
 05 2117 Soybeans  
 05 2118 Sunflower seed  
 05 2121 Tea seed  
 05 2199 Oilseeds, not elsewhere classified

*Oil Nuts, Unshelled*

- 05 2201 Apricot pits  
 05 2202 Babassu nuts  
 05 2203 Cohune nuts  
 05 2204 Muru muru nuts  
 05 2205 Oiticica nuts  
 05 2206 Ouricury nuts  
 05 2207 Palm nuts (West African oil palm)  
 05 2208 Peach pits  
 05 2211 Peanuts, unshelled  
 05 2212 Tucum nuts  
 05 2213 Tung nuts  
 05 2299 Oil nuts, not elsewhere classified

*Oil Kernels, Shelled*

- 05 2300  
 05 2301 Apricot kernels  
 05 2302 Babassu kernels  
 05 2303 Cohune kernels  
 05 2304 Copra  
 05 2305 Muru muru kernels  
 05 2306 Oiticica kernels  
 05 2307 Ouricury kernels  
 05 2308 Palm kernels (West African oil palm)  
 05 2311 Peach kernels  
 05 2312 Peanuts, shelled  
 05 2313 Tucum kernels  
 05 2314 Tung nut kernels  
 05 2399 Oil kernels, not elsewhere classified

*Oilseeds, Nuts, and Kernels, Not Elsewhere Classified*

**NURSERY AND GREENHOUSE STOCK**

*Bulbs, Corms, Pips, Tubers, Rhizomes, and Roots*

- 05 3100  
 05 3101 Amaryllis  
 05 3102 Anemone  
 05 3103 Begonia, tuberous rooted  
 05 3104 Caladium  
 05 3105 Calla  
 05 3106 Canna  
 05 3107 Chionodoxa  
 05 3108 Crocus  
 05 3111 Dahlia

- 05 3111 Tuber  
 05 3112 Clumps

- 05 3112 *Eranthis*

**CRUDE VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS—**  
Continued

**NURSERY AND GREENHOUSE STOCK—Continued**

*Bulbs, Corms, Pips, Tubers, Rhizomes, and Roots—Continued*

05 3113	Freesia	
05 3114	Fritillaria	
05 3115	Galanthus	
05 3116	Gladiolus	
05 3117	Hemerallis	
05 3118	Hyacinth	
05 3121	Iris	
	05 31211	Bulbs
	05 31212	Rhizomes
05 3122	Ixia	
05 3123	Lily	
	05 31231	Longiflorum
	05 31232	Lily, except Longiflorum
05 3124	Lily-of-the-Valley	
	05 31241	Pips
	05 31242	Clumps
05 3125	Montbretia	
05 3126	Muscari	
05 3127	Narcissus	
	05 31271	Paper White
	05 31272	Narcissus, except Paper White
05 3128	Peony	
05 3131	Scilla	
05 3132	Tulip	
05 3199	Bulbs, corms, pips, tubers, rhizomes, and roots, not elsewhere classified	
05 3200	<i>Commercial Cut Flowers and Potted Plants</i>	
05 3201	Amaryllis	
05 3202	Anemone	
05 3203	Aster	
05 3204	Azalea	
05 3206	Baby's Breath (Gypsophila)	
05 3207	Begonia	
05 3208	Bittersweet	
05 3211	Blanketflower (Gaillardia)	
05 3212	Bleeding heart	
05 3213	Bouvardia	
05 3214	Calendula	
05 3215	Carnation	
05 3216	China pink (Dianthus)	
05 3217	Chinese lantern	
05 3218	Chrysanthemum	
05 3221	Clarkia	
05 3222	Columbine (Aquilega)	
05 3223	Coreopsis	
05 3224	Cosmos	
05 3225	Coxcomb (Celosia)	
05 3226	Dahlia	
05 3227	Delphinium	
05 3228	Fern	
05 3231	Freesia	
05 3232	Gardenia	
	05 32321	Cut flowers
	05 32322	Potted plants
05 3233	Gerbera	
	05 32331	Cut flowers
	05 32332	Potted plants
05 3234	Gladiolus	
05 3235	Globeflower (Trollius)	
05 3236	Heliotrope	
05 3237	Hyacinth	
05 3238	Hydrangea	
05 3241	Iris	
05 3242	Immortelle	
05 3243	Kalanchoe	



CRUDE VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS—

Continued

NURSERY AND GREENHOUSE STOCK—Continued

Commercial Cut Flowers and Potted Plants—Continued

05 3244	Lily	
	05 32441	Cut flowers
	05 32442	Potted plants
05 3245	Lupine	
05 3246	Mignonette	
05 3247	Narcissus	
	05 32471	Daffodils
	05 32472	Paper White
	05 32479	Narcissus, not elsewhere classified
05 3248	Orchid	
05 3251	Pansy	
05 3252	Pentstemon	
05 3253	Peony	
05 3254	Phlox	
05 3255	Poinsettia	
05 3256	Ranunculus	
05 3257	Rose	
05 3258	Scabiosa	
05 3261	Smilax	
05 3262	Snapdragon (Antirrhinum)	
05 3263	Statice	
05 3264	Stocks	
05 3265	Sweet pea	
05 3266	Sweet Sultan	
05 3267	Tuberose	
05 3268	Tulip	
05 3271	Violet	
05 3272	Zinnia	
05 3299	Commercial cut flowers and potted plants, not elsewhere classified	
05 3300	<i>Herbaceous Ornamental Plants</i>	
05 3310	Annual bedding plants	
	05 33101	Ageratum (Floss flower)
	05 33102	Alternanthera Althea (Marshmallow)
	05 33103	Aster
	05 33104	Coleus
	05 33106	Geranium
	05 33107	Gomphrena (Bachelor's button)
	05 33108	Heliotrope
	05 33111	Lantana
	05 33112	Marigold
	05 33113	Myosotis (Forget-me-not)
	05 33114	Pansy
	05 33115	Petunia
	05 33116	Scarlet sage (Salvia)
	05 33117	Snapdragon (Antirrhinum)
	05 33118	Stocks
	05 33121	Verbena
	05 33131	Vinca (Periwinkle)
	05 33199	Annual bedding plants, not elsewhere classified
05 3320	Hardy perennials, including ferns	
	05 33201	Adiantum (Maidenhair fern)
	05 33202	Althea (Marshmallow hollyhock)
	05 33203	Anemone
	05 33204	Aquilegia (Columbine)
	05 33205	Asplenium (Christmas fern)
	05 33206	Aster
	05 33207	Dusty miller
	05 33208	Chrysanthemum
	05 33211	Coreopsis
	05 33212	Dianthus (Pinks)
	05 33213	Dicentra (Bleeding heart)
	05 33214	Delphinium
	05 33215	Digitalis (Foxglove)
	05 33216	Eulalia (Japanese grass)

**CRUDE VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS—**

Continued

**NURSERY AND GREENHOUSE STOCK—Continued**

*Herbaceous Ornamental Plants—Continued*

**Hardy perennials, including ferns—Continued**

- 05 33217 Euphorbia (Spurge)
- 05 33218 Funkia (Plantain Lily)
- 05 33221 Helianthus (Sunflower)
- 05 33222 Hesperia (Sweetrocket)
- 05 33223 Lobelia (Cardinal flower)
- 05 33224 Monarda (Bergamot)
- 05 33225 Peony
- 05 33226 Papaver (Oriental poppy)
- 05 33227 Phlox
- 05 33228 Plumbago (Lead wort)
- 05 33231 Sedum
- 05 33232 Sempervivum (Houseleek)
- 05 33233 Tritoma (Flame flower)
- 05 33234 Veronica (Speed well)
- 05 33235 Viola (Tufted pansy)
- 05 33236 Yucca (Adam's needle)
- 05 33299 Hardy perennials, including ferns, not elsewhere classified

05 3330

**House plants**

- 05 33301 Agave (Century plant)
- 05 33302 Aloe
- 05 33303 Amaryllis
- 05 33304 Asparagus
- 05 33305 Aspidistra
- 05 33306 Azalea
- 05 33307 Begonia
- 05 33308 Cactus
- 05 33311 Calceolaria
- 05 33312 Calla
- 05 33313 Cineraria
- 05 33314 Coleus
- 05 33315 Crassula
- 05 33316 Cyclamen
- 05 33317 Dracaena
- 05 33318 Ficus (Rubber plant)
- 05 33321 Fuchsia
- 05 33322 Geranium
- 05 33323 Hedera (English ivy)
- 05 33324 Hibiscus (Rose-mallow)
- 05 33325 Hyacinth
- 05 33326 Impatiens (Sultan's balsam)
- 05 33327 Kentia
- 05 33328 Narcissus
- 05 33331 Nephrolepis (Boston fern)
- 05 33332 Pandanus (Screw pine)
- 05 33333 Philodendron
- 05 33334 Poinsettia
- 05 33335 Primula (Primrose)
- 05 33336 Sansevieria
- 05 33337 Smilax
- 05 33338 Solanum (Jerusalem cherry)
- 05 33341 Tradescantia (Wandering Jew)
- 05 33342 Tulip
- 05 33399 House plants, not elsewhere classified

**Herbaceous ornamental plants, not elsewhere classified**

*Vegetable Plants*

- 05 3390 Asparagus
- 05 3400 Cabbage
- 05 3401 Eggplant
- 05 3402 Onion
- 05 3403 Pepper
- 05 3404 Rhubarb
- 05 3405 Sweetpotato

*CRUDE VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS—*  
Continued

NURSERY AND GREENHOUSE STOCK—Continued

*Vegetable Plants—Continued*

- 05 3408 Tobacco
- 05 3411 Tomato
- 05 3499 Vegetable plants, not elsewhere classified
- 05 3500 *Ornamental or Forest Trees, Shrubs, and Woody Vines*
- 05 3510 Stocks for propagating or "lining out"
- 05 3511 Coniferous evergreens, including Larch
- 05 3512 Broad-leaved deciduous and evergreen trees
- 05 3513 Roses
  - 05 35131 Manetti
  - 05 35132 Roses, except Manetti
- 05 3514 Shrubs, except roses
- 05 3515 Woody vines
- 05 3516 Palms
- 05 3519 Ornamental or forest trees, shrubs, and woody vine stocks, for propagating or "ining out", not elsewhere classified
- 05 3520 Propagated plants
- 05 3521 Coniferous evergreens, including Larch
  - 05 352101 Arborvitae
  - 05 352102 Cedar
  - 05 352103 Cypress
  - 05 352104 Fir
  - 05 352105 Hemlock
  - 05 352106 Juniper
  - 05 352107 Larch
  - 05 352108 Pine
  - 05 352111 Redwood
  - 05 352112 Retinospora
  - 05 352113 Yew
  - 05 352199 Coniferous evergreens, not elsewhere classified
- 05 3522 Broad-leaved deciduous and evergreen trees
  - 05 352201 Beech (Fagus)
  - 05 352202 Birch (Betula)
  - 05 352203 Black locust (Robinia)
  - 05 352204 Catalpa
  - 05 352205 Dogwood (Cornus)
  - 05 352206 Elm (Ulmus)
  - 05 352207 Linden (Basswood or Tilia)
  - 05 352208 Maple (Acer)
  - 05 352211 Magnolia
  - 05 352212 Oak (Quercus)
  - 05 352213 Poplar (Populus)
  - 05 352214 Silk oak (Grevillea)
  - 05 352215 Sweet gum (Liquidamber)
  - 05 352216 Sycamore (Plantanus)
  - 05 352217 Tulip poplar (Liriodendron)
  - 05 352218 Willow (Salix)
  - 05 352299 Broad-leaved deciduous evergreen trees, not elsewhere classified
- 05 3523 Rose plants
  - 05 352301 Hybrid Tea (Bush, Climbing)
  - 05 352302 Tea (Bush, Climbing)
  - 05 352303 Hybrid Perpetual
  - 05 352304 Polyantha
  - 05 352305 Floribunda
  - 05 352306 Hardy Climber
  - 05 352307 Rugosa
  - 05 352308 Moss
  - 05 352311 Standard (Tree)
  - 05 352312 Trailing
  - 05 352313 Native
  - 05 352399 Rose plants, not elsewhere classified
- 05 3524 Shrubs, except roses
  - 05 352401 Azelea
  - 05 352402 Berberis (Barberry)



**CRUDE VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS—**  
Continued

**NURSERY AND GREENHOUSE STOCK—Continued**

**Ornamental or Forest Trees, Shrubs, and Woody Vines—Continued**

**Propagated plants—Continued**

**Shrubs, except roses—Continued**

- |         |           |                                       |
|---------|-----------|---------------------------------------|
|         | 05 352403 | Buxus (Box)                           |
|         | 05 352404 | Camellia                              |
|         | 05 352405 | Calycanthus (Strawberry shrub)        |
|         | 05 352406 | Chionanthus (White fringe)            |
|         | 05 352407 | Cydonia (Fire bush)                   |
|         | 05 352408 | Deutzia                               |
|         | 05 352411 | Diervilla (Weigela)                   |
|         | 05 352412 | Euonymus                              |
|         | 05 352413 | Forsythia                             |
|         | 05 352414 | Hibiscus                              |
|         | 05 352415 | Hydrangea                             |
|         | 05 352416 | Japanese Holly                        |
|         | 05 352417 | Kalmia (Mountain Laurel)              |
|         | 05 352418 | Lagerstroemia (Crape Myrtle)          |
|         | 05 352421 | Lonicera (Honeysuckle)                |
|         | 05 352422 | Philadelphos (Mock orange)            |
|         | 05 352423 | Pittosporum (Tobira)                  |
|         | 05 352424 | Rhododendron                          |
|         | 05 352425 | Rhus (Sumac)                          |
|         | 05 352426 | Spiraea (Spirea)                      |
|         | 05 352427 | Syringa (Lilac)                       |
|         | 05 352428 | Viburnum (Snowball)                   |
|         | 05 352431 | Pyrocanthus                           |
|         | 05 352432 | Privet                                |
|         | 05 352499 | Shrubs, not elsewhere classified      |
| 05 3525 |           | Woody vines                           |
|         | 05 352501 | Actinidia                             |
|         | 05 352502 | Parthenocissus (Virginia Creeper)     |
|         | 05 352503 | Celastrus (Climbing Bittersweet)      |
|         | 05 352504 | Clematis                              |
|         | 05 352505 | Euonymus                              |
|         | 05 352506 | Lonicera (Coral Honeysuckle)          |
|         | 05 352507 | Wistaria                              |
|         | 05 352511 | Ivy, English                          |
|         | 05 352512 | Ivy, Boston                           |
|         | 05 352599 | Woody vines, not elsewhere classified |

05 3526

**Palms**

- |         |           |   |
|---------|-----------|---|
|         | 05 352601 | Canary Island   |
|         | 05 352602 | Date  |
|         | 05 352603 | Coconut   |
|         | 05 352604 | Sabal palmetto  |
|         | 05 352605 | Washingtonia  |
|         | 05 352699 | Palms, not elsewhere classified   |
| 05 3529 |           | Ornamental or forest tree, shrubs, and woody vine propagated plants, not elsewhere classified |

05 3600

**Fruit-Tree and Grapevine Plants**

05 3610

**Stocks for propagating or "growing on"**

- |  |           |                                  |
|--|-----------|----------------------------------|
|  | 05 361010 | Apple                            |
|  | 05 361020 | Apricot                          |
|  | 05 361030 | Cherry                           |
|  | 05 361031 | Mahaleb                          |
|  | 05 361032 | Mazzard                          |
|  | 05 361039 | Cherry, not elsewhere classified |
|  | 05 361040 | Citrus                           |
|  | 05 361041 | Grapefruit                       |
|  | 05 361042 | Lemon                            |
|  | 05 361043 | Orange                           |
|  | 05 361049 | Citrus, not elsewhere classified |
|  | 05 361050 | Fig                              |
|  | 05 361060 | Grape                            |
|  | 05 361070 | Olive                            |
|  | 05 361080 | Peach                            |

CRUDE VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS—  
Continued

NURSERY AND GREENHOUSE STOCK—Continued

*Fruit-Tree and Grapevine Plants*—Continued

Stocks for propagating or "growing on"—Continued

	05 36110	Pear
	05 36111	French
	05 36112	Pear, except French
	05 361120	Plum and prune
	05 361121	Myrobalan
	05 361122	Plum and prune, except Myrobalan
	05 361130	Quince
	05 361990	Stocks for propagating or "growing on", not elsewhere classified
05 3620		Propagated plants
	05 362010	Apple
	05 362020	Apricot
	05 362030	Cherry
	05 362031	Mahaleb
	05 362032	Mazzard
	05 362039	Cherry, not elsewhere classified
	05 362040	Citrus
	05 362041	Grapefruit
	05 362042	Lemon
	05 362043	Orange
	05 362049	Citrus, not elsewhere classified
	05 362050	Fig
	05 362060	Grape
	05 362070	Olive
	05 362080	Peach
	05 362110	Pear
	05 362111	French
	05 362112	Pear, except French
	05 362120	Plum and prune
	05 362121	Myrobalan
	05 362122	Plum and prune, except Myrobalan
	05 362130	Quince
	05 362990	Propagated plants, not elsewhere classified
05 3700		<i>Small-Fruit Plants, Except Grape</i>
05 3701		Boysenberry
05 3702		Blackberry
05 3703		Blueberry (Huckleberry)
05 3704		Cranberry
05 3705		Currant
	05 37051	Stocks for propagating
	05 37052	Propagated plants
05 3707		Dewberry
05 3708		Gooseberry
	05 37081	Stocks for propagating
	05 37082	Propagated plants
05 3711		Pineapple
05 3712		Raspberry
	05 37121	Black
	05 37122	Red
05 3713		Strawberry
05 3714		Youngberry
05 3799		Small-fruit plants, except grape, not elsewhere classified
05 3800		<i>Nut-Tree Plants</i>
05 3810		Stocks for propagating or "growing on"
	05 381010	Almond
	05 381020	Butternut
	05 381030	Chestnut
	05 381031	American
	05 381032	Chinese
	05 381033	Japanese
	05 381039	Chestnut, not elsewhere classified
	05 381040	Filbert
	05 381050	Hickory

CRUDE VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS—  
Continued

NURSERY AND GREENHOUSE STOCK—Continued

*Nut-Tree Plants*—Continued

Stocks for propagating or "growing on"—Continued

- 05 381060 Pecan
- 05 381070 Walnut
- 05 381071 Black
- 05 381072 English or Persian
- 05 381073 Japanese
- 05 381079 Walnut, not elsewhere classified
- 05 381990 Nut-tree stocks, for propagating or "growing on", not elsewhere classified
- 05 3820 Propagated plants
  - 05 382010 Almond
  - 05 382020 Butternut
  - 05 382030 Chestnut
  - 05 382031 American
  - 05 382032 Chinese
  - 05 382033 Japanese
  - 05 382039 Chestnut, not elsewhere classified
  - 05 382040 Filbert
  - 05 382050 Hickory
  - 05 382060 Pecan
  - 05 382070 Walnut
  - 05 382071 Black
  - 05 382072 English or Persian
  - 05 382073 Japanese
  - 05 382079 Walnut, not elsewhere classified
  - 05 382990 Nut-tree propagated plants, not elsewhere classified
- 05 3900 *Miscellaneous Nursery and Greenhouse Stock*
- 05 3910 Ornamental and forest tree and shrub cuttings (scions) and budwood
  - 05 39101 Coniferous evergreen, including Larch
  - 05 39102 Broad-leaved deciduous and evergreen tree and shrub
  - 05 39103 Rose
  - 05 39104 Deciduous tree and shrub, except rose and broad-leaved
  - 05 39105 Woody vine
  - 05 39106 Palm
  - 05 39199 Ornamental and forest tree and shrub cuttings and budwood, not elsewhere classified
- 05 3920 Fruit tree and vine cuttings and budwood
  - 05 392010 Apple
  - 05 392020 Apricot
  - 05 392030 Cherry
  - 05 392040 Citrus
  - 05 392041 Grapefruit
  - 05 392042 Orange
  - 05 392043 Lemon
  - 05 392049 Citrus, not elsewhere classified
  - 05 392050 Currant
  - 05 392060 Gooseberry
  - 05 392070 Grape
  - 05 392080 Peach
  - 05 392110 Pear
  - 05 392120 Plum and prune
  - 05 392990 Fruit tree and vine cuttings and budwood, not elsewhere classified
- 05 3930 Nut-tree cuttings and budwood
  - 05 393010 Almond
  - 05 393020 Butternut
  - 05 393030 Chestnut
  - 05 393040 Filbert
  - 05 393050 Hickory
  - 05 393060 Pecan



CRUDE VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS—  
Continued

NURSERY AND GREENHOUSE STOCK—Continued

Miscellaneous Nursery and Greenhouse Stock—Continued

Nut-tree cuttings and budwood—Continued

- 05 393070 Walnut
- 05 393071 English or Persian
- 05 393072 Walnut, except English or Persian
- 05 393990 Nut-tree cuttings and budwood, not elsewhere  
classified

- 05 3940 Cuttings (scions) and budwood, except ornamental, forest,  
fruit and nut tree
- 05 3990 Nursery and greenhouse stock, not elsewhere classified

LEAF TOBACCO

*Manufacturing Types*

- 05 4100 Flue-cured types
- 05 4120 Fire-cured types
- 05 4130 Air-cured types
- 05 4140 Foreign-grown cigarette and smoking types

*Cigar Types*

- 05 4210 Cigar filler types
- 05 4220 Cigar binder types
- 05 4230 Cigar wrapper types

*Scrap Tobacco*

CRUDE RUBBER AND ALLIED GUMS

*Latex*

*Crude Rubber, Except Latex*

- 05 5210 Hevea
- 05 5220 Guayule
- 05 5230 Castilla (Castilloa)
- 05 5240 Cryptostegia
- 05 5250 Kok-saghyz
- 05 5290 Crude rubber, not elsewhere classified

*Rubber-Allied Gums*

- 05 5310 Gutta percha
- 05 5320 Gutta balata (include Massaranduba and Coquirana)
- 05 5330 Jelutong (Pontianak)
- 05 5340 Chicle
- 05 5350 Leche Caspi
- 05 5360 Sorva
- 05 5390 Rubber-allied gums, not elsewhere classified

GUMS, RESINS, AND BALSAMS

*Gums*

- 05 6100 Arabic (Acacia or Senegal)
- 05 6110 Amber, sorts
- 05 6112 Amber, powder
- 05 6113 White, sorts 1
- 05 6119 Arabic (Acacia or Senegal), not elsewhere classified
- 05 6120 Tragacanth
  - 05 6121 Aleppo, No. 1
  - 05 6122 Aleppo, No. 2
  - 05 6123 Aleppo, No. 3
  - 05 6129 Tragacanth, not elsewhere classified
- 05 6130 Tragasol (Locust-bean gum)
- 05 6140 Karaya (Kadaya)
- 05 6150 Talca (Talha or Suakin gum)
- 05 6160 Australian gum (Wattle gum)
- 05 6170 Olibanum (Frankincense)
- 05 6190 Miscellaneous gums
  - 05 6191 Cherry and plum tree gums
  - 05 6192 Ghatti gum
  - 05 6193 Feronia gum
  - 05 6194 Cycas gum
  - 05 6195 Mesquite gum
  - 05 6196 Karin gum
  - 05 6197 Dhauri gum
  - 05 6199 Gums, not elsewhere classified

CRUDE VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS—

Continued

GUMS, RESINS, AND BALSAMS—Continued

*Resins, Except Rosin*

05 6200	
05 6210	Damars
05 6211	Batavia damar
05 6212	Singapore damar
05 6220	Copals, except Manila copal
05 6221	Congo copal
05 6222	Kauri
	05 62221 White kauri
	05 62222 Brown kauri
	05 62223 Bush kauri
	05 62229 Kauri copal, not elsewhere classified
05 6229	Copals, except Manila Copals, not elsewhere classified
05 6230	Manila copals (Macassar copals)
05 6231	Malingket
05 6232	Loba
05 6233	Philippine Manilas
05 6234	Pontianaks
05 6235	Boea, hard
05 6240	East Indias (resins)
05 6241	Batu
05 6242	Black East India
05 6243	Pale East India Singapore
05 6244	Pale East India Macassar
05 6249	East India (resins), not elsewhere classified
05 6250	Elemi, Dragon's Blood, and Kino
05 6251	Elemi
05 6252	Dragon's Blood
05 6253	Kino
05 6260	Spruce, and turpentine gums
05 6262	Spruce gum
05 6263	Turpentine gums (oleo resin)
05 6270	Copaiba
05 6271	Para
05 6272	Copaiba, except para
05 6280	Lac
05 6281	Sticklac
05 6282	Seed lac
05 6283	Button lac
05 6284	Garnet lac
05 6285	Shellac
05 6289	Lac, not elsewhere classified
05 6290	Miscellaneous resins
05 6291	Camphor, natural
	05 62911 Powder
	05 62912 Slabs
	05 62913 Tablets
	05 62919 Camphor, natural, not elsewhere classified
05 6292	Amber
05 6293	Sandarac
05 6294	Burgundy pitch
05 6299	Resins, not elsewhere classified
05 6300	<i>Gum-Resins</i>
05 6310	Asafetida
05 6311	Powder
05 6312	Asafetida, except powder
05 6320	Mastic
05 6330	Myrrh
05 6340	Guaiac
05 6341	Strained
05 6342	Guaiac, not strained
05 6350	Labdanum
05 6360	Ammoniac, tears
05 6370	Galbanum
05 6380	Gamboge
05 6381	Pipe
05 6382	Powder

CRUDE VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS—

Continued

GUMS, RESINS, AND BALSAMS—Continued

*Gum-Resins*—Continued

Gamboge—Continued

- 05 6389 Gamboge, not elsewhere classified
- 05 6390 Gum-resins, not elsewhere classified

*Balsams*

- 05 6410 Accroides (Yacca or Red gums)
- 05 6411 Red gum, coarse
- 05 6412 Red gum, powdered
- 05 6413 Yellow accroide
- 05 6414 Bleached accroide
- 05 6419 Accroides (Yacca or Red gums), not elsewhere classified
- 05 6420 Benzoin
- 05 6421 Siam
- 05 6422 Sumatra
- 05 6429 Benzoin, not elsewhere classified

Gerjum

- 05 6440 Peru
- 05 6450 Styrax
- 05 6460 Tolu
- 05 6470 Canadian (Fir Balsam)
- 05 6490 Balsams, not elsewhere classified

CRUDE MEDICINAL HERBS, ROOTS, BARKS, AND OTHER PLANT PARTS,  
EXCEPT U. S. P., N. F. AND SIMILAR GRADES

*Crude Drugs of Plant Origin for Medicinal Use*

- 05 7000 Crude roots and other underground parts of plants
- 05 7100 Aconite root
- 05 7110 Colchicum corm
- 05 7111 Ipecac root
- 05 7112 Licorice root
- 05 7113 Squills (bulbs)
- 05 7114 Valerian root
- 05 7119 Crude medicinal roots and other underground parts of plants,  
not elsewhere classified
- 05 7120 Crude barks
- 05 7121 Cascara
- 05 7122 Cinchona
- 05 7129 Crude medicinal barks, not elsewhere classified
- 05 7130 Crude woods
- 05 7131 Ephedrine bearing woods
- 05 7132 Crude medicinal woods, except Ephedrine bearing
- 05 7140 Crude leaves
- 05 7141 Aloe
- 05 7142 Belladonna
- 05 7143 Coca
- 05 7144 Digitalis
- 05 7145 Henbane
- 05 7146 Lobelia
- 05 7147 Senna
- 05 7148 Stramonium
- 05 7149 Crude medicinal leaves, not elsewhere classified
- 05 7150 Crude flowers
- 05 7151 Chamomile
- 05 7152 Santonin
- 05 7159 Crude medicinal flowers, not elsewhere classified
- 05 7160 Crude fruits, seeds and other fruiting parts
- 05 7161 Colocynth fruit
- 05 7162 Cubebs (fruit)
- 05 7163 Nux Vomica seeds
- 05 7164 Opium bearing plant parts
- 05 7165 Psyllium seeds
- 05 7166 Strophanthus seeds
- 05 7167 Senna pods
- 05 7169 Crude medicinal fruits, seeds, and fruiting parts, not elsewhere  
classified
- 05 7170 Crude lower plants
- 05 7171 Ergot bodies
- 05 7172 Kelp



**CRUDE VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS—**  
Continued

**CRUDE MEDICINAL HERBS, ROOTS, BARKS, AND OTHER PLANT PARTS,**  
**EXCEPT U. S. P., N. F. AND SIMILAR GRADES—Continued**

**Crude Drugs of Plant Origin for Medicinal Use—Continued**

**Crude lower plants—Continued**

- 05 7179 Crude medicinal lower plants, not elsewhere classified
- 05 7190 Crude drugs of plant origin for medicinal use, not elsewhere classified

05 7200 **Crude Insecticides and Fungicides of Plant Origin**

- 05 7210 Crude roots
  - 05 7211 Rotenone bearing roots
    - 05 72111 Cubé, unground (include Timbo, Barbasco)
    - 05 72112 Derris (Tuba), unground
    - 05 72119 Rotenone bearing roots, not elsewhere classified

- 05 7220 Crude flowers
  - 05 7221 Pyrethrum flowers, unground
  - 05 7229 Crude insecticide flowers, not elsewhere classified
- 05 7290 Crude insecticides and fungicides of plant origin, not elsewhere classified

05 8000 **HAY, FORAGE, AND STRAW**

05 8100 **Hay and Forage**

- 05 8101 Alfalfa
- 05 8102 Clover
- 05 8103 Cowpea
- 05 8104 Grain, cut green, for hay
- 05 8105 Lespedeza
- 05 8106 Millet
- 05 8107 Peanut
- 05 8108 Sorgo
- 05 8111 Soybean
- 05 8112 Sudan grass
- 05 8113 Sweet clover
- 05 8114 Timothy
- 05 8115 Timothy and clover, mixed
- 05 8116 Wild hay
- 05 8199 Hay and forage, not elsewhere classified

05 8200 **Straw**

- 05 8201 Rye
- 05 8202 Oat
- 05 8203 Wheat
- 05 8204 Rice
- 05 8205 Flax, except for fiber
- 05 8299 Straw, not elsewhere classified

05 9000 **MISCELLANEOUS CRUDE VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS**

05 9100 **Hops**

05 9200 **Crude Materials for Flavorings, Perfumes and Essential Oils**

- 05 9210 Roots, rhizomes, and other underground plant parts
  - 05 92101 Angelica roots
  - 05 92102 Orris rhizome
  - 05 92103 Sarsaparilla root
  - 05 92104 Sassafras root (bark)
  - 05 92105 Vetiver root and rhizome
  - 05 92199 Roots, rhizomes and other underground plant parts, not elsewhere classified

05 9220 **Woods**

- 05 92201 Bois de Rose (Brazilian)
- 05 92202 Camphor wood
- 05 92203 Cedar wood
- 05 92204 Guaiac wood
- 05 92205 Linaloe wood
- 05 92206 Sandalwood
- 05 92299 Woods, not elsewhere classified
- 05 9230 Leaves, twigs or stems
  - 05 92301 Birch (sweet) twigs
  - 05 92302 Citronella leaves
  - 05 92303 Citrus leaves
  - 05 92304 Eucalyptus leaves

**CRUDE VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS—**  
Continued

**MISCELLANEOUS CRUDE VEGETABLE PRODUCTS, INEDIBLE, EXCEPT FIBERS—Continued**

*Crude Materials for Flavorings, Perfumes and Essential Oils—Con.*

Leaves, twigs or stems—Continued

- 05 92305 Fir leaves and twigs
- 05 92306 Hemlock leaves and twigs
- 05 92307 Lemongrass leaves
- 05 92308 Myrtle leaves and twigs
- 05 92311 Palmarosa leaves
- 05 92312 Patchouly leaves and buds
- 05 92313 Peppermint leaves and stems
- 05 92314 Pine leaves and twigs
- 05 92315 Spearmint leaves
- 05 92316 Wintergreen leaves
- 05 92317 Wormwood leaves
- 05 92399 Leaves, twigs or stems, not elsewhere classified

05 9240

Flowers, flower buds or parts

- 05 92401 Basil (sweet) (flowering tops)
- 05 92402 Cananga (ylang ylang) flowers
- 05 92403 Carnation flowers
- 05 92404 Cassia flowers
- 05 92405 Champaca flowers
- 05 82406 Citrus flowers
- 05 92407 Hyacinth flowers
- 05 92408 Jasmine flowers
- 05 92411 Lavender flowers
- 05 92412 Marjoram (sweet)
- 05 92413 Origanum flowers
- 05 92414 Rosemary flowers
- 05 92415 Sage clary flowers
- 05 92416 Violet flowers
- 05 92499 Flowers, flower buds or parts, not elsewhere classified

05 9250

Seeds, berries and other fruits or fruit parts

- 05 92501 Almond (bitter) kernels
- 05 92502 Angelica seed
- 05 92503 Bergamot peel
- 05 92504 Cola or Kola nut
- 05 92505 Juniper berries
- 05 92506 Tonka beans
- 05 92507 Vanilla beans
- 05 92599 Seeds, berries and other fruit or fruit parts, not elsewhere classified

05 9290

Miscellaneous crude materials for flavorings, perfumes and essential oils

- 05 92901 Bdellium, gum resin
- 05 92902 Opopanox gum resin
- 05 92903 Oak moss
- 05 92999 Crude materials for flavorings, perfumes and essential oils, not elsewhere classified

05 9300

*Crude Cork*

05 9310

Corkwood or bark

05 9311

Virgin

05 9312

Corkwood or bark, except virgin

05 9320

Waste cork

05 9321

Virgin

05 9322

Refugo

05 9323

Blocker waste

05 9324

Disc waste

05 9325

Shavings and curlings

05 9329

Waste cork, not elsewhere classified

05 9400

*Loofa Sponges (Luffa Aegyptiaca, Luffa Acutangula)*

05 9500

*Tagua Nuts (Vegetable Ivory)*

05 9600

*Teasels*

05 9700

*Chicory Root, Crude*

05 9900

*Crude Vegetable Products, Inedible, Except Fibers, Not Elsewhere Classified*





## MAJOR GROUP 06—FIBERS, VEGETABLE AND ANIMAL, UNMANUFACTURED

06 0000	<i>FIBERS, VEGETABLE AND ANIMAL, UNMANUFACTURED</i>
06 1000	COTTON <sup>1</sup>
06 1100	<i>Raw Cotton, Except Linters</i> <sup>2</sup>
06 1110	Staple below 1 inch
06 1111	Staple below $\frac{3}{4}$ inch
06 1112	Staple $\frac{3}{4}$ inch
06 1113	Staple $\frac{13}{16}$ inch
06 1114	Staple $\frac{7}{8}$ inch
06 1115	Staple $\frac{29}{32}$ inch
06 1116	Staple $\frac{15}{16}$ inch
06 1117	Staple $\frac{31}{32}$ inch
06 1120	Staple 1 to $1\frac{1}{32}$ inches
06 1121	Staple 1 inch
06 1122	Staple $1\frac{1}{32}$ inches
06 1130	Staple $1\frac{1}{16}$ to $1\frac{1}{32}$ inches
06 1131	Staple $1\frac{1}{16}$ inches
06 1132	Staple $1\frac{3}{32}$ inches
06 1140	Staple $1\frac{1}{8}$ to $1\frac{1}{32}$ inches
06 1141	Staple $1\frac{1}{8}$ inches
06 1142	Staple $1\frac{3}{32}$ inches
06 1143	Staple $1\frac{5}{16}$ inches
06 1144	Staple $1\frac{7}{32}$ inches
06 1150	Staple $1\frac{1}{4}$ to $1\frac{5}{32}$ inches
06 1151	Staple $1\frac{3}{4}$ inches
06 1152	Staple $1\frac{9}{32}$ inches
06 1153	Staple $1\frac{5}{16}$ inches
06 1154	Staple $1\frac{11}{32}$ inches
06 1155	Staple $1\frac{3}{8}$ inches
06 1156	Staple $1\frac{13}{32}$ inches
06 1157	Staple $1\frac{7}{16}$ inches
06 1158	Staple $1\frac{5}{8}$ inches
06 1160	Staple $1\frac{1}{2}$ to $1\frac{21}{32}$ inches
06 1161	Staple $1\frac{1}{2}$ inches
06 1162	Staple $1\frac{17}{32}$ inches
06 1163	Staple $1\frac{9}{16}$ inches
06 1164	Staple $1\frac{19}{32}$ inches
06 1165	Staple $1\frac{5}{8}$ inches
06 1166	Staple $1\frac{21}{32}$ inches
06 1170	Staple $1\frac{1}{16}$ inches and longer
06 1171	Staple $1\frac{1}{16}$ inches
06 1172	Staple $1\frac{23}{32}$ inches
06 1173	Staple $1\frac{3}{4}$ inches and longer
06 1200	<i>Cotton Linters (United States Official Standard Grades)</i>
06 1210	No. 1
06 1220	No. 2
06 1230	No. 3
06 1240	No. 4
06 1250	No. 5
06 1260	No. 6
06 1270	No. 7
06 1280	Hull fiber
06 1300	<i>Chemical Cotton Pulp</i>

<sup>1</sup> See Supplementary Code 06-2 for types of American cotton bales on page 42.

<sup>2</sup> See Supplementary Code 06-1 for grades of cotton on page 41.

FIBERS, VEGETABLE AND ANIMAL, UNMANUFACTURED—Con.

06 2000	SOFT FIBERS (BAST FIBERS)
06 2100	<i>Jute</i>
06 2110	Long jute
06 2120	Jute butts
06 2200	<i>Flax</i>
06 2210	Hackled, including "dressed line"
06 2220	Not hackled
06 2230	Noils
06 2240	Tow
06 2241	Hackling tow
06 2242	Upholstery tow (from unretted flax straw)
06 2250	Straw
06 2300	<i>Hemp (Cannabis Sativa)</i>
06 2310	Hackled, including "line of hemp"
06 2320	Not hackled
06 2330	Noils
06 2340	Tow
06 2350	Straw
06 2400	<i>Ramie or China Grass</i>
06 2500	<i>Sunn</i>
06 2600	<i>Meshta (Hibiscus Cannabinus, Kenaf, Bimlipatam Jute)</i>
06 2700	<i>Urena Lobata (Congo Jute, Cudillo, Guaxima, Aramina, Malva Blanca)</i>
06 2900	<i>Soft Bast Fibers, Not Elsewhere Classified</i>
06 3000	HARD FIBERS (LEAF FIBERS)
06 3100	<i>Abaca (Manila)</i>
06 3110	Grades higher than J-1
06 3120	Grades J-1 to S-3
06 3130	Grades lower than S-3
06 3200	<i>Sisal (Agave Sisalana)</i>
06 3300	<i>Henequen (Agave Fourcroydes)</i>
06 3400	<i>Cantala (Agave Cantala), Including Maguey</i>
06 3500	<i>Caroa Fiber</i>
06 3600	<i>Istle</i>
06 3610	Palma
06 3620	Pita
06 3630	Tula
06 3640	Jaumave
06 3690	Istle, not elsewhere classified
06 3700	<i>New Zealand Fiber (Phormium Tenax)</i>
06 3800	<i>Palm Leaf Fibers</i>
06 3810	<i>Piassava (Attalea funifera, Leopoldinia piassaba)</i>
06 3820	<i>Palmyra (Corassus flabelliformis)</i>
06 3830	<i>Raffia (Raphia)</i>
06 3890	Palm leaf fibers, not elsewhere classified
06 3900	<i>Hard Leaf Fibers, Miscellaneous</i>
06 3910	Mauritius fiber ( <i>Fourcroya foetida</i> ), including Piteira
06 3920	Fique
06 3930	Yucca
06 3940	Pita floja
06 3950	Sansevieria
06 3990	Hard leaf fibers, not elsewhere classified
06 4000	MISCELLANEOUS VEGETABLE FIBERS
06 4100	<i>Kapok</i>
06 4200	<i>Coir Fiber</i>
06 4300	<i>Crin Vegetal</i>
06 4400	<i>Spanish Moss</i>
06 4500	<i>Broom Root (Rice Root, Raiz de Zacaton)</i>
06 4900	<i>Vegetable Fibers and Substances (Except Seed, Soft and Hard Fibers), Not Elsewhere Classified</i>
06 5000	WOOL AND RELATED SPECIALTY HAIR, UNMANUFACTURED
06 5100	<i>Carpet Wool</i>
06 5110	Unimproved or native wools
06 5120	Wool not finer than 40s
06 5200	<i>Apparel Wool</i>
06 5210	Wool not finer than 40s (WPB grades 40s and coarser) (Braid)
06 5220	Wool, 44s (WPB grade 44s) (Common)

**FIBERS, VEGETABLE AND ANIMAL, UNMANUFACTURED—Con.**

**WOOL AND RELATED SPECIALTY HAIR, UNMANUFACTURED—Continued**

*Apparel Wool—Continued*

- 06 5230 Wool,  $4\frac{1}{4}$ ss (WPB grade 46/48s) (Low Quarter Blood)
- 06 5240 Wool, 50s (WPB grade 50/52s) (Quarter Blood)
- 06 5250 Wool,  $5\frac{1}{2}$ ss (WPB grade 56/58s) (Three-eighths Blood)
- 06 5260 Wool, 60s (WPB grade 60/62s) (Half Blood)
- 06 5270 Wool, 64s and finer (WPB grade 64s and finer) (Fine)

*Specialty Hair*

- 06 5310 Hair of the Camel
- 06 5320 Hair of the Alpaca, Llama, Vicuna and similar animals
- 06 5330 Hair of the Angora Goat (Mohair)
- 06 5340 Hair of the Cashmere Goat
- 06 5350 Hair of the Angora Rabbit and similar animals
- 06 5900 *Wool and Related Specialty Hair, Not Elsewhere Classified*

**SILK**

- 06 6100 *Cocoons, Except Unreelable Cocoons*
- 06 6200 *Raw Silk (in Skeins Reeled from the Cocoon, or Re-reeled, but Not Wound, Doubled, Twisted, or Advanced)*
- 06 6210 Raw silk from domesticated worms
- 06 6220 Raw silk from undomesticated worms (tussah silk)
- 06 6300 *Silk Waste*
- 06 6310 Unreelable cocoons, including pierced cocoons
- 06 6320 Filature (reeling) waste, including blaze, frisons (floss), and bassines

**ANIMAL HAIR**

- 06 7100 *Horse Mane and Tail Hair, Including Switches (Not Dressed or Drawn)*
- 06 7110 Mane hair
- 06 7120 Tail hair, including switches
- 06 7200 *Cattle, Ox, and Calf Tail Hair, Including Switches (Not Dressed or Drawn)*
- 06 7300 *Cattle, Ox, Calf, and Horse Body Hair*
- 06 7400 *Goat and Kid Hair, Except Angora and Cashmere Goat*
- 06 7500 *Hog Hair, Except Bristles*
- 06 7900 *Animal Hair, Unmanufactured, Not Elsewhere Classified*
- 06 8000 **MISCELLANEOUS ANIMAL FIBERS**
- 06 8100 *Human Hair, Unmanufactured*
- 06 8110 Asiatic
- 06 8190 Human hair, except Asiatic
- 06 8200 *Hog Bristles, Crude, Not Sorted, Bunched or Prepared*

**SUPPLEMENTARY CODE 06-1 FOR GRADES OF COTTON<sup>1</sup>**

**1- UNITED STATES OFFICIAL STANDARD GRADES OF AMERICAN UPLAND**

- 1-00 White
- 1-01 No. 1, or Middling Fair
- 1-02 No. 2, or Strict Good Middling
- 1-03 No. 3, or Good Middling
- 1-04 No. 4, or Strict Middling
- 1-05 No. 5, or Middling
- 1-06 No. 6, or Strict Low Middling
- 1-07 No. 7, or Low Middling
- 1-08 No. 8, or Strict Good Ordinary
- 1-09 No. 9, or Good Ordinary
- 1-10 Extra White
- 1-11 Good Middling Extra White
- 1-12 Strict Middling Extra White
- 1-13 Middling Extra White
- 1-14 Strict Low Middling Extra White
- 1-15 Low Middling Extra White
- 1-16 Strict Good Ordinary Extra White
- 1-17 Good Ordinary Extra White

<sup>1</sup> The above code for grades of cotton may be used as a 1-, 2-, or 3-digit code. Use of the first digit makes it possible to distinguish types of cotton; but grades as well as types of cotton can be obtained by the use of the second and third digits only, by totalling the grades for any given type. However, the use of all three digits will facilitate the summarizing of all grades for a given type.



**SUPPLEMENTARY CODE 06-1 FOR GRADES OF COTTON—Continued**  
**UNITED STATES OFFICIAL STANDARD GRADES OF AMERICAN**  
**UPLAND—Continued**

1-20	Gray
1-21	Good Middling Gray
1-22	Strict Middling Gray
1-23	Middling Gray
1-30	Spotted
1-31	Good Middling Spotted
1-32	Strict Middling Spotted
1-33	Middling Spotted
1-34	Strict Low Middling Spotted
1-35	Low Middling Spotted
1-40	Tinged
1-41	Good Middling Tinged
1-42	Strict Middling Tinged
1-43	Middling Tinged
1-44	Strict Low Middling Tinged
1-45	Low Middling Tinged
1-50	Yellow Stained and Below Grade
1-51	Good Middling Yellow Stained
1-52	Strict Middling Yellow Stained
1-53	Middling Yellow Stained
1-54	Below Grade (Includes all Cotton lower in grade than the lowest official standard)

2- **UNITED STATES OFFICIAL STANDARD GRADES OF AMERICAN-EGYPTIAN**

2-60	No. 1
2-61	No. 1½
2-62	No. 2
2-63	No. 2½
2-64	No. 3
2-65	No. 3½
2-66	No. 4
2-67	No. 4½
2-68	No. 5
2-69	Below No. 5

3- **UNITED STATES OFFICIAL STANDARD GRADES OF SEA ISLAND**

3-71	No. 1
3-72	No. 1½
3-73	No. 2
3-74	No. 2½
3-75	No. 3
3-76	No. 3½
3-77	No. 4
3-78	No. 4½
3-79	No. 5
3-81	No. 5½
3-82	No. 6
3-83	Below No. 6

4- **FOREIGN COTTON**

4-91	African
4-92	Egyptian
4-93	Brazilian
4-94	Peruvian
4-95	Chinese
4-96	Indian
4-99	Foreign Cotton, not elsewhere classified

**SUPPLEMENTARY CODE 06-2 FOR TYPES OF AMERICAN COTTON BALES**

1	Flat, gin, or uncompressed
2	Standard density
3	High density
4	Round bale
5	Ginners compress bale

## MAJOR GROUP 07—COAL, CRUDE PETROLEUM, AND RELATED CRUDE HYDROCARBONS

07 0000	COAL, CRUDE PETROLEUM, AND RELATED CRUDE HYDROCARBONS
07 1000	COAL
07 1100	Anthracite
07 1110	Pennsylvania anthracite
07 1111	Lump and broken
07 1112	Egg
07 1113	Stove
07 1114	Nut
07 1115	Pea
07 1116	Buckwheat No. 1 or buck
07 1117	Buckwheat No. 2 or rice
07 1118	Buckwheat No. 3 or barley
07 1119	Miscellaneous Pennsylvania anthracite
	07 11191 Buckwheat No. 4
	07 11192 Silt
	07 11199 Pennsylvania anthracite, not elsewhere classified as to size
07 1120	Anthracite, except Pennsylvania
07 1200	Bituminous Coal
07 1300	Lignite
07 1900	Miscellaneous Coal
07 1910	Semi-anthracite
07 1920	Sub-bituminous coal
07 1990	Coal, not elsewhere classified
07 2000	PEAT
07 2100	Peat Humus
07 2200	Reed or Sedge Peat
07 2300	Peat Moss
07 2900	Peat, Not Elsewhere Classified
07 3000	CRUDE PETROLEUM
07 4000	NATURAL GAS
07 4100	Casinghead Gas
07 4200	"Dry" Gas
07 5000	NATURAL GASOLINE AND CRUDE CONDENSATES
07 5100	Natural Gasoline
07 5110	Grade 18-85
07 5120	Grade 26-70
07 5190	Natural gasoline, not elsewhere classified
07 5200	Crude Condensates (from Recycling Plants)
07 6000	NATURAL ASPHALT AND BITUMINOUS ROCK
07 6100	Natural Asphalt
07 6110	Gilsonite
07 6120	Glance pitch and grahamite
07 6130	Lake asphalt
07 6140	Sulfonated bitumen
07 6150	Wurtzilite and elaterite
07 6190	Natural asphalt, not elsewhere classified
07 6200	Bituminous Rock
07 7000	MINERAL WAXES, EXCEPT PARAFFIN
07 7100	Ozokerite
07 7110	Crude ozokerite
07 7120	Ceresin (refined ozokerite)
07 7200	Montan Wax
07 7900	Mineral Waxes, Except Paraffin, Not Elsewhere Classified
07 8000	OIL SHALE AND SHALE OIL
07 8100	Oil Shale
07 8200	Shale Oil
07 9000	CRUDE HYDROCARBONS. NOT ELSEWHERE CLASSIFIED





## MAJOR GROUP 08—METALLIC ORES, CONCENTRATES AND THEIR UNREFINED METALLIC PRODUCTS

- 08 0000 *METALLIC ORES, TAILINGS, CONCENTRATES AND THEIR UN-  
REFINED METALLIC PRODUCTS*
- 08 1000 *IRON ORES, TAILINGS, CONCENTRATES, EXCEPT IRON PYRITES*
- 08 1100 *Iron Ores*
- 08 1110 *Hematite*
- 08 1111 *Hematite, manganiferous*
- 08 1112 *Hematite, except manganiferous*
- 08 1120 *Magnetite*
- 08 1121 *Magnetite, titaniferous*
- 08 1122 *Magnetite, except titaniferous*
- 08 1130 *Siderite (carbonate ores)*
- 08 1140 *Limonite (brown ores)*
- 08 1150 *Vivianite (phosphate ores)*
- 08 1190 *Iron ores, not elsewhere classified*
- 08 1200 *Iron Ore Tailings, Reclaimed for Treatment*
- 08 1300 *Iron Ore Concentrates (Include Sintered and Nodulized Ores)*
- 08 1400 *Iron Ore Flue Dust, Sintered*
- 08 1800 *Iron-Base Drosses, Slags and Skimmings*
- 08 2000 *COPPER ORES, TAILINGS, CONCENTRATES AND UNREFINED COPPER  
PRODUCTS*
- 08 2100 *Copper Ores*
- 08 2110 *Copper ores, porphyry*
- 08 2120 *Copper ores, except porphyry*
- 08 2200 *Copper Tailings, Reclaimed for Treatment*
- 08 2300 *Copper Concentrates*
- 08 2400 *Black, Coarse and Cement Copper (Precipitates)*
- 08 2500 *Copper Matte*
- 08 2600 *Blister Copper (Converter)*
- 08 2800 *Copper-Base Drosses, Slags and Skimmings*
- 08 2900 *Copper Ores, Tailings, Concentrates and Unrefined Copper Prod-  
ucts, Not Elsewhere Classified*
- 08 3000 *LEAD AND ZINC ORES, TAILINGS, CONCENTRATES AND THEIR UNRE-  
FINED PRODUCTS*
- 08 3100 *Lead and Lead-Zinc Ores, Tailings, Concentrates and Their Un-  
refined Products*
- 08 3110 *Lead and lead-zinc ores and tailings*
- 08 3111 *Lead and lead-zinc ores*
- 08 3112 *Lead tailings, reclaimed for treatment*
- 08 3120 *Lead concentrates*
- 08 3130 *Lead matte and speiss*
- 08 3131 *Lead matte*
- 08 3132 *Lead speiss*
- 08 3140 *Lead-base bullion*
- 08 3160 *Lead smelter flue dust*
- 08 3190 *Lead-base drosses, slags and skimmings*
- 08 3190 *Lead and lead-zinc ores, tailings, concentrates and their unre-  
fined products, not elsewhere classified*
- 08 3200 *Zinc and Zinc-Lead Ores, Tailings, Concentrates and Their Unre-  
fined Products*
- 08 3210 *Zinc and zinc-lead ores and tailings*
- 08 3211 *Zinc and zinc-lead ores*
- 08 3212 *Zinc tailings, reclaimed for treatment*
- 08 3220 *Zinc concentrates*
- 08 3260 *Zinc smelter flue dust*
- 08 3250 *Zinc-base drosses, slags, ashes and skimmings*
- 08 3290 *Zinc and zinc-lead ores, tailings, concentrates and their un-  
refined products, not elsewhere classified*

**METALLIC ORES, TAILINGS, CONCENTRATES AND THEIR UN-REFINED METALLIC PRODUCTS—Continued**

08 4000	<b>ALUMINUM ORES, TAILINGS AND UNREFINED ALUMINUM PRODUCTS</b>
08 4100	<i>Aluminum Ores and Tailings</i>
08 4110	<b>Bauxite</b>
08 4111	Bauxite, crude and washed
08 4112	Aluminum ores, except bauxite
08 4113	Bauxite, dried
08 4114	Bauxite, calcined and sintered
08 4115	Bauxite, activated
08 4120	Aluminum ore tailings, reclaimed for treatment
08 4190	Aluminum ores and tailings, not elsewhere classified
08 4200	<b>Alumina</b>
08 4210	Alumina, calcined, amorphous
08 4220	Alumina, tabular, crystalline, not calcined
08 4230	Alumina, crystalline, not tabular
08 4240	Alumina, activated
08 4250	Alumina, fused
08 4800	<i>Aluminum-Base Drosses, Slags and Skimmings</i>
08 4900	<i>Aluminum Ores, Tailings and Unrefined Aluminum Products, Not Elsewhere Classified</i>
08 5000	<b>MAGNESIUM ORES, TAILINGS, CONCENTRATES AND UNREFINED MAGNESIUM PRODUCTS</b>
08 5100	<i>Magnesium Ores, Brines, Bitterns, Sea Water and Tailings</i>
08 5110	<b>Magnesium ores</b>
08 5111	Magnesite
08 5112	Brucite
08 5119	Magnesium ores, not elsewhere classified
08 5120	Brines, bitterns and sea water, used for processing
08 5121	Brines and bitterns
08 5122	Sea water
08 5130	Magnesium ore tailings, reclaimed for treatment
08 5200	<b>Magnesium Concentrates</b>
08 5210	Magnesium concentrates, not calcined
08 5220	Magnesium concentrates, calcined, except refractory grade
08 5230	Caustic calcined
08 5231	Oxychloride grade
08 5232	Chemical grade
08 5233	Metallurgical grade
08 5240	Dead burned, metallurgical grade
08 5290	Magnesium concentrates, not elsewhere classified
08 5800	<i>Magnesium-Base Drosses, Slags and Skimmings</i>
08 5900	<i>Magnesium Ores, Tailings, Concentrates and Unrefined Magnesium Products, Not Elsewhere Classified</i>
08 6000	<b>NICKEL ORES, TAILINGS, CONCENTRATES AND UNREFINED NICKEL PRODUCTS</b>
08 6100	<i>Nickel Ores and Tailings</i>
08 6110	<b>Nickel ores</b>
08 6111	Nickel sulphide ores, Monel
08 6112	Nickel sulphide ores, except Monel
08 6113	Nickel silicate ores
08 6114	Nickel arsenide ores
08 6119	Nickel ores, not elsewhere classified
08 6120	Nickel ore tailings, reclaimed for treatment
08 6200	<b>Nickel Ore Concentrates</b>
08 6300	<i>Nickel Matte</i>
08 6400	<i>Nickel Speiss</i>
08 6800	<i>Nickel-Base Drosses, Slags and Skimmings</i>
08 6900	<i>Nickel Ores, Tailings, Concentrates and Unrefined Nickel Products, Not Elsewhere Classified</i>
08 7000	<b>TIN ORES, TAILINGS, CONCENTRATES AND UNREFINED TIN PRODUCTS</b>
08 7100	<b>Tin Ores</b>
08 7200	<i>Tin Tailings, Reclaimed for Treatment</i>
08 7300	<b>Tin Concentrates</b>
08 7700	<i>Unrefined Tin-Base Products</i>
08 7800	<i>Tin-Base Drosses, Slag and Skimmings</i>
08 7900	<i>Tin Ores, Tailings, Concentrates and Unrefined Tin Products, Not Elsewhere Classified</i>

**METALLIC ORES, TAILINGS, CONCENTRATES AND THEIR UNREFINED METALLIC PRODUCTS—Continued**

08 8000	<b>PRECIOUS METAL ORES, TAILINGS, CONCENTRATES AND THEIR UNREFINED METALLIC PRODUCTS</b>
08 8100	<i>Gold Ores, Tailings, Concentrates and Unrefined Gold Products</i>
08 8110	Gold ores
08 8111	Free milling
08 8112	Gold ores, except free milling
08 8120	Gold tailings, reclaimed for treatment
08 8130	Gold concentrates
08 8140	Amalgam, gold
08 8150	Precipitates, gold
08 8160	Sponge gold
08 8170	Placer gold
08 8180	Dore bullion
08 8190	Gold ores, tailings, concentrates and unrefined gold products, not elsewhere classified
08 8200	<i>Silver Ores, Tailings, Concentrates and Unrefined Silver Products</i>
08 8210	Silver ores
08 8220	Silver tailings, reclaimed for treatment
08 8230	Silver concentrates
08 8240	Amalgam, silver
08 8250	Precipitates, silver
08 8280	Bullion silver, except fine
08 8290	Silver ores, tailings, concentrates and unrefined silver products, not elsewhere classified
08 8300	<i>Platinum Group Ores, Tailings, Concentrates and Their Unrefined Metallic Products (Containing Platinum, Rhodium, Iridium, Osmium, Palladium and Ruthenium in any Combination)</i>
08 8310	Platinum and platinum group ores
08 8320	Platinum and platinum group ore tailings
08 8330	Platinum and platinum group ore concentrates
08 8360	Platinum sponge, unrefined
08 8370	Platinum grain, unrefined
08 8390	Platinum group ores, tailings, concentrates and their unrefined metallic products (containing platinum, rhodium, iridium, osmium, palladium and ruthenium in any combination), not elsewhere classified
08 9000	<b>MISCELLANEOUS METALLIC ORES, TAILINGS, CONCENTRATES AND THEIR UNREFINED METALLIC PRODUCTS</b>
08 9100	<i>Antimony Ores, Tailings, Concentrates and Unrefined Antimony Products</i>
08 9110	Antimony ores
08 9111	Antimony oxide ores
08 9112	Antimony sulphide ores
08 9119	Antimony ores, not elsewhere classified
08 9120	Antimony tailings, reclaimed for treatment
08 9130	Antimony concentrates
08 9140	Liquated or needle antimony (Cruduum)
08 9190	Antimony ores, tailings, concentrates and unrefined antimony products, not elsewhere classified
08 9200	<i>Cobalt Ores, Tailings, Concentrates and Unrefined Cobalt Products</i>
08 9210	Cobalt ores
08 9220	Cobalt tailings, reclaimed for treatment
08 9230	Cobalt ore concentrates
08 9240	Cobalt matte
08 9250	Cobalt speiss
08 9280	Unrefined cobalt products (include crude cobalt oxide)
08 9290	Cobalt ores, tailings, concentrates and unrefined cobalt products, not elsewhere classified
08 9300	<i>Mercury (Quicksilver) Ores and Concentrates</i>
08 9310	Mercury ores, including dump ores
08 9320	Mercury waste materials, reclaimed for treatment
08 9330	Mercury concentrates
08 9380	Unrefined mercury-base products
08 9390	Mercury (quicksilver) ores and concentrates, not elsewhere classified



**METALLIC ORES, TAILINGS, CONCENTRATES AND THEIR UNREFINED METALLIC PRODUCTS—Continued**

**MISCELLANEOUS METALLIC ORES, TAILINGS, CONCENTRATES AND THEIR UNREFINED METALLIC PRODUCTS—Continued**

08 9400	<i>Beryllium Ores and Concentrates and Unrefined Beryllium Products</i>
08 9410	Beryllium ores
08 9420	Beryllium concentrates
08 9480	Unrefined beryllium-base products (include crude beryllium oxide)
08 9490	Beryllium ores and concentrates and unrefined beryllium products, not elsewhere classified
08 9600	<i>Ores, Tailings, and Concentrates of the Principal Ferroalloying Metals and Their Unrefined Metallic Products</i>
08 9610	Chromium ores, tailings and concentrates and unrefined chromium products
08 9611	Chromium ore and concentrates (chromite and chromium sands)
	08 96111 Metallurgical grades
	08 96113 Chemical grades
08 9612	Chromium ore tailings, reclaimed for treatment
08 9618	Unrefined chromium-base products (include chromium-base spinels; exclude chemical residues)
08 9619	Chromium ores, tailings, concentrates and unrefined chromium products, not elsewhere classified
08 9620	Manganese ores, tailings, concentrates and unrefined manganese products
08 9621	Manganese ores and concentrates
	08 96211 Metallurgical (include ferro grade)
	08 96212 Chemical (include battery grade)
	08 96213 Ferruginous manganese ore
	08 96219 Manganese ores and concentrates, not elsewhere classified
08 9622	Manganese ore tailings, reclaimed for treatment
08 9628	Unrefined manganese-base products, except chemical residues
08 9629	Manganese ores, tailings, concentrates and unrefined manganese products, not elsewhere classified
08 9630	Molybdenum ores, tailings, concentrates and unrefined molybdenum products
08 9631	Molybdenum ores
	08 96311 Molybdenum sulphide ores
	08 96312 Molybdenum oxide ores
08 9632	Molybdenum ore tailings, reclaimed for treatment
08 9633	Molybdenum ore concentrates (oxides and sulphides)
08 9638	Unrefined molybdenum-base products (include crude molybdenum oxide)
08 9639	Molybdenum ores, tailings, concentrates and unrefined molybdenum products, not elsewhere classified
08 9640	Tantalum and columbium ores and concentrates
08 9650	Titanium ores, tailings and concentrates
08 9651	Titanium ores and concentrates
	08 96511 Ilmenite
	08 96512 Rutile
08 9652	Titanium ore tailings, reclaimed for treatment
08 9659	Titanium ores, tailings and concentrates, not elsewhere classified
08 9660	Tungsten ores, tailings and concentrates
08 9661	Tungsten ores and concentrates
	08 96611 Wolframite
	08 96612 Scheelite, except roasted scheelite concentrates
08 9662	Tungsten ore tailings, reclaimed for treatment
08 9669	Tungsten ores, tailings and concentrates, not elsewhere classified
08 9670	Vanadium ores, concentrates and unrefined vanadium products
08 9671	Vanadium ores and concentrates (include fused concentrates)
08 9678	Unrefined vanadium-base products
08 9679	Vanadium ores, concentrates and unrefined vanadium products, not elsewhere classified

**METALLIC ORES, TAILINGS, CONCENTRATES AND THEIR UN-  
REFINED METALLIC PRODUCTS—Continued**

**MISCELLANEOUS METALLIC ORES, TAILINGS, CONCENTRATES AND THEIR  
UNREFINED METALLIC PRODUCTS—Continued**

***Ores, Tailings, and Concentrates of the Principal Ferroalloying  
Metals and Their Unrefined Metallic Products—Continued***

- 08 9680 Zirconium ores and concentrates
- 08 9690 Ores, tailings, and concentrates of the principal ferroalloying  
metals and their unrefined metallic products, not elsewhere  
classified
- 08 9700 *By-Product Residues of Complex Ores*
- 08 9710 Bismuth-containing residues
- 08 9720 Cadmium-containing residues
- 08 9730 Indium-containing residues
- 08 9790 By-product residues of complex ores, not elsewhere classified
- 08 9800 *Metal Refinery Sludges*
- 08 9900 *Miscellaneous Metallic Ores, Tailings, Concentrates and Their  
Unrefined Metallic Products, Not Elsewhere Classified*
- 08 9910 Radio-active ores and concentrates
- 08 9920 Rare earth metal ores and concentrates (include monazite  
sands)
- 08 9980 Drosses, slags and skimmings, not elsewhere classified





## MAJOR GROUP 09—CRUDE NONMETALLIC MINERALS, EXCEPT COAL AND PETROLEUM

09 0000	<i>CRUDE NONMETALLIC MINERALS, EXCEPT COAL AND PETROLEUM</i>
09 1000	<i>ROUGH DIMENSION STONE, INCLUDING RUBBLE</i>
09 1100	<i>Granite</i>
09 1200	<i>Marble, Including Verde Antique, Onyx Marble, and Marble Breccia</i>
09 1210	<i>Verde antique</i>
09 1220	<i>Onyx marble</i>
09 1230	<i>Marble breccia</i>
09 1290	<i>Marble, not elsewhere classified</i>
09 1300	<i>Limestone, Including Travertine</i>
09 1310	<i>Travertine</i>
09 1320	<i>Limestone</i>
09 1400	<i>Basalt and Related Rocks (Traprock)</i>
09 1500	<i>Sandstone</i>
09 1510	<i>Bluestone</i>
09 1520	<i>Sandstone, except bluestone</i>
09 1700	<i>Slate</i>
09 1900	<i>Rough Dimension Stone, Including Rubble, Not Elsewhere Classified</i>
09 2000	<i>STONE, CRUSHED AND BROKEN</i>
09 2100	<i>Granite</i>
09 2200	<i>Marble, Except Terrazzo Chips</i>
09 2300	<i>Limestone and Dolomite</i>
09 2310	<i>Limestone</i>
09 2320	<i>Dolomite</i>
09 2330	<i>Dolomitic limestone</i>
09 2400	<i>Basalt and Related Rocks (Traprock)</i>
09 2500	<i>Sandstone, Except Ground</i>
09 2600	<i>Slate</i>
09 2610	<i>Granules</i>
09 2620	<i>Flour</i>
09 2690	<i>Slate, not elsewhere classified</i>
09 2900	<i>Stone, Crushed and Broken, Not Elsewhere Classified</i>
09 3000	<i>SAND AND GRAVEL, EXCEPT ABRASIVE</i>
09 3100	<i>Sand and Gravel (Aggregate and Ballast)</i>
09 3110	<i>Building sand</i>
09 3120	<i>Building gravel</i>
09 3130	<i>Paving sand</i>
09 3140	<i>Paving gravel</i>
09 3150	<i>Ballast gravel</i>
09 3190	<i>Sand and gravel (aggregate and ballast), not elsewhere classified</i>
09 3200	<i>Industrial Sand and Gravel</i>
09 3210	<i>Glass sand</i>
09 3220	<i>Foundry sand (Molding sand)</i>
09 3230	<i>Fire sand (Furnace sand)</i>
09 3240	<i>Engine sand (Traction sand)</i>
09 3250	<i>Filter sand</i>
09 3260	<i>Filter gravel</i>
09 3270	<i>Pottery setters' sand</i>
09 3290	<i>Industrial sands and gravels, not elsewhere classified</i>
09 3900	<i>Sand and Gravel, Except Abrasive, Not Elsewhere Classified</i>
09 4000	<i>CLAYS AND EARTHS</i>
09 4100	<i>Common Clay and Shale</i>
09 4200	<i>Kaolin (China Clay)</i>

CRUDE NONMETALLIC MINERALS, EXCEPT COAL AND PETROLEUM—Continued

CLAYS AND EARTHS—Continued

- 09 4300 *Ball Clay*
- 09 4400 *Fireclay, Including Stoneware Clay*
- 09 4500 *Fuller's Earth*
- 09 4600 *Bentonitic Clays*
- 09 4610 Bentonite (swelling type)
- 09 4620 Sub-bentonite (nonswelling type)
- 09 4700 *Slip Clays*
- 09 4900 *Clays and Earths, Not Elsewhere Classified*

NATURAL ABRASIVES, CRUDE

- 09 5100 *Natural Silica Abrasives, Crude*
- 09 5110 Diatomaceous and infusorial earth
- 09 5120 Tripoli
- 09 5130 Quartz sand and gravel
- 09 5140 Sand, gravel, and sandstone
- 09 5150 Burrstone
- 09 5160 Grinding pebbles
- 09 5190 Natural silica abrasives, crude, not elsewhere classified
- 09 5200 *Natural Silicate Abrasives, Crude*
- 09 5210 Pumice and pumicite
- 09 5220 Garnet, except gem grade
- 09 5290 Natural silicate abrasives, crude, not elsewhere classified
- 09 5300 *Natural Alumina Abrasives, Crude*
- 09 5310 Corundum, except gem grade
- 09 5320 Emery, except gem grade
- 09 5390 Natural alumina abrasives, crude, not elsewhere classified
- 09 5400 *Natural Carbon Abrasives (Industrial Diamonds), Crude*
- 09 5410 Bort
- 09 5420 Diamond dust
- 09 5430 Carbonado
- 09 5440 Ballas
- 09 5490 Natural carbon abrasives (industrial diamonds), crude, not elsewhere classified
- 09 5900 *Natural Abrasives, Crude, Not Elsewhere Classified*
- 09 6000 NATURAL GEM AND ORNAMENTAL STONES (NOT CUT, POLISHED, CARVED, ENGRAVED, SHAPED, PIERCED OR MOUNTED)
- 09 6100 *Natural Inorganic Minerals, Gem Grades*
- 09 6108 Beryl
  - 09 61081 Aquamarine
  - 09 61082 Emerald
  - 09 61089 Beryl, not elsewhere classified
- 09 6116 Chrysoberyl
- 09 6117 Corundum
  - 09 61171 Ruby
  - 09 61172 Sapphire
- 09 6122 Diamond, except industrial
- 09 6131 Feldspar
  - 09 61311 Moonstone, Feldspar
  - 09 61312 Feldspar, except Moonstone
- 09 6133 Garnet
- 09 6138 Jade
  - 09 61381 Jadeite
  - 09 61382 Nephrite
- 09 6145 Olivine, including Chrysolite and Peridot
- 09 6146 Opal, precious
- 09 6153 Quartz
  - 09 61531 Amethyst
  - 09 61532 Banded Chalcedony
  - 09 61533 Carnelian (Sard)
  - 09 61534 Chatoyant Quartz
  - 09 61535 Jasper
  - 09 61536 Quartz with inclusions
  - 09 61537 Rock Crystal (Crystal), (Quartz Crystal), except for piezo-electric, optical, or abrasive use
  - 09 61538 Rose Quartz
  - 09 61539 Quartz, not elsewhere classified

**CRUDE NONMETALLIC MINERALS, EXCEPT COAL AND PETROLEUM**—Continued

**NATURAL GEM AND ORNAMENTAL STONES (NOT CUT, POLISHED, CARVED, ENGRAVED, SHAPED, PIERCED OR MOUNTED)**—Continued

09 6161	Spinel
09 6166	Topaz
09 6167	Tourmaline
09 6168	Turquoise
09 6174	Zircon
09 6199	Natural inorganic minerals, gem grades, not elsewhere classified
09 6200	<i>Natural Inorganic Stones (Ornamental Grades Only)</i>
09 6201	Aragonite and Calcite
	09 62011 Onyx
	09 62012 Satin Spar (Aragonite and Calcite)
	09 62019 Aragonite and Calcite, not elsewhere classified
09 6206	Gypsum
	09 62061 Alabaster
	09 62062 Satin Spar (Gypsum)
	09 62069 Gypsum, not elsewhere classified
09 6208	Lazurite (Lapis Lazuli)
09 6212	Meerschaum (Sepiolite)
09 6213	Opal, common
09 6216	Serpentine
09 6221	Talc and Steatite
09 6299	Natural inorganic stones (ornamental grades only), not elsewhere classified
09 6300	<i>Natural Organic Gem and Ornamental Minerals</i>
09 6301	Bone Turquoise
09 6302	Coral
09 6303	Fossil Resin, including Amber and Near-Ambers
09 6304	Jet
09 6305	Mother-of-Pearl
09 6306	Pearls, cultured (Cultivated pearls)
09 6307	Pearls, natural, unstrung
	09 63071 Spherical, oval, or drop pearls
	09 63072 Baroque pearls
	09 63079 Pearls, natural, not elsewhere classified
09 6308	Shell, calcareous, including Cameo
09 6399	Natural organic gem and ornamental minerals, not elsewhere classified
09 7000	<b>ALKALI MINERALS, CRUDE</b>
09 7100	<i>Lithium Minerals, Crude</i>
09 7110	Amblygonite
09 7120	Lepidolite
09 7130	Spodumene
09 7190	Lithium minerals, crude, not elsewhere classified
09 7200	<i>Sodium Minerals, Crude</i>
09 7210	Sodium chloride, crude
09 7211	Brine
09 7212	Solid (Rock salt)
09 7220	Sodium nitrate, crude
09 7290	Sodium minerals, crude, not elsewhere classified
09 7300	<i>Potassium Minerals, Crude</i>
09 7310	Alunite
09 7320	Sylvite
09 7330	Leucite
09 7340	Potassium nitrate
09 7350	Run-of-mine salts
09 7390	Potassium minerals, crude, not elsewhere classified
09 7400	<i>Rubidium Minerals, Crude</i>
09 7500	<i>Cesium Minerals, Crude</i>
09 7900	<i>Alkali Minerals, Crude, Not Elsewhere Classified</i>
09 8000	<b>ALKALI-EARTH MINERALS, CRUDE</b>
09 8100	<i>Barium Minerals, Crude</i>
09 8110	Barytes (Barite)
09 8120	Witherite
09 8190	Barium minerals, crude, not elsewhere classified



CRUDE NONMETALLIC MINERALS, EXCEPT COAL AND PETROLEUM—Continued

ALKALI-EARTH MINERALS, CRUDE—Continued

09 8200	<i>Calcium Minerals, Crude</i>
09 8210	Ice land spar (Calcite)
09 8220	Chalk
09 8290	Calcium minerals, crude, not elsewhere classified
09 8300	<i>Strontium Minerals, Crude</i>
09 8310	Strontianite
09 8320	Celestite
09 8390	Strontium minerals, crude, not elsewhere classified
09 8900	<i>Alkali-Earth Minerals, Crude, Not Elsewhere Classified</i>
09 9000	MISCELLANEOUS NONMETALLIC MINERALS, CRUDE
09 9010	Pyrites, crude
09 9011	Ores
09 9012	Concentrates
09 9013	Sintered
09 9020	Sulphur, crude
09 9030	Asbestos, unmanufactured, crude and fiber
09 9031	Chrysotile
	09 90311 Grade No. 1 (fibers $\frac{1}{2}$ " or longer)
	09 90312 Grade No. 2 (fibers under $\frac{1}{2}$ " )
09 9032	Crocidolite (blue)
09 9033	Amosite
09 9034	Spinning or textile fiber
09 9035	Shingle fiber
09 9036	Paper fiber
09 9039	Asbestos, unmanufactured, crude and fiber, not elsewhere classified
09 9040	Aluminum silicate minerals, crude, used chiefly in the silicate industries
09 9041	Aplite
09 9042	Cornwall stone (Carolina stone)
09 9043	Dumortierite
09 9044	Feldspar, except gem quality
09 9045	Kyanite, andalusite, and sillimanite
	09 90451 Kyanite
	09 90452 Andalusite
	09 90453 Sillimanite
09 9046	Nepheline syenite
09 9047	Pyrophyllite
09 9048	Topaz, except gem quality
09 9049	Aluminum silicate minerals, crude, used chiefly in the silicate industries, not elsewhere classified
09 9050	Gypsum rock (include anhydrite)
09 9060	Talco se minerals, crude
09 9061	Talc
09 9062	Steatite
09 9063	Soapstone
09 9064	Serpentine, except verde antique
09 9069	Talco se minerals, crude, not elsewhere classified
09 9070	Fluoride minerals, crude
09 9071	Fluorspar, lump and gravel
	09 90711 Optical grade
	09 90712 Acid grade (over 97 percent $\text{CaF}_2$ )
	09 90713 Metallurgical (Fluxing grade) (92 through 97 percent $\text{CaF}_2$ )
	09 90714 Glass (Ceramic grade) (under 92 percent $\text{CaF}_2$ )
09 9072	Cryolite, natural
09 9073	Fluorbarite
09 9079	Fluoride minerals, crude, not elsewhere classified
09 9080	Phosphate minerals, crude
09 9081	Phosphate rock
09 9082	Apatite
09 9089	Phosphate minerals, crude, not elsewhere classified
09 9110	Boron minerals, crude
09 9111	Borax, crude
09 9112	Boracite
09 9113	Priceite

*CRUDE NONMETALLIC MINERALS, EXCEPT COAL AND PETRO-  
LEUM—Continued*

*MISCELLANEOUS NONMETALLIC MINERALS, CRUDE—Continued*

*Boron minerals, crude—Continued*

09 9114	Colemanite
09 9115	Ulexite
09 9116	Kernite
09 9117	Sassolite
09 9119	Boron minerals, crude, not elsewhere classified
09 9120	Arsenic minerals, crude
09 9121	Arsenides
09 9122	Arsenite
09 9129	Arsenic minerals, crude, not elsewhere classified
09 9130	Quartz crystals, except gem quality
09 9140	Vermiculite
09 9150	Greensand
09 9160	Olivene
09 9900	<i>Crude Nonmetallic Minerals, Except Coal and Petroleum, Not Elsewhere Classified</i>





## MAJOR GROUPS 11-29

11	Aluminum	11
12	Aluminum and Aluminum Alloys	12
13	Aluminum and Aluminum Alloys	13
14	Aluminum and Aluminum Alloys	14
15	Aluminum and Aluminum Alloys	15
16	Aluminum and Aluminum Alloys	16
17	Aluminum and Aluminum Alloys	17
18	Aluminum and Aluminum Alloys	18
19	Aluminum and Aluminum Alloys	19
20	Aluminum and Aluminum Alloys	20
21	Aluminum and Aluminum Alloys	21
22	Aluminum and Aluminum Alloys	22
23	Aluminum and Aluminum Alloys	23
24	Aluminum and Aluminum Alloys	24
25	Aluminum and Aluminum Alloys	25
26	Aluminum and Aluminum Alloys	26
27	Aluminum and Aluminum Alloys	27
28	Aluminum and Aluminum Alloys	28
29	Aluminum and Aluminum Alloys	29

## PART 2—BASIC MATERIALS AND PRODUCTS

(Major Groups 11-29)

PART 2 - BASIC MATERIALS AND PRODUCTS  
Large Goods 10-11

## MAJOR GROUP 11—LEATHER

- 11 0000 **LEATHER**
- 11 1000 **UPPER LEATHER, EXCEPT LINING AND PATENT**
- 11 1100 *Cattle Side*
- 11 1110 *Grains*
- 11 1120 *Splits*
- 11 1200 *Calf and Kip*
- 11 1210 *Whole skins*
- 11 1220 *Sides*
- 11 1300 *Sheep and Lamb*
- 11 1400 *Goat and Kid*
- 11 1500 *Cabretta, Including Hair Sheep*
- 11 1600 *Horse, Colt, Ass, and Mule*
- 11 1610 *Whole hides*
- 11 1620 *Fronts*
- 11 1630 *Butts, shanks on*
- 11 1640 *Butts, shanks off*
- 11 1650 *Shanks*
- 11 1700 *Kangaroo and Wallaby*
- 11 1800 *Deer and Elk*
- 11 1900 *Miscellaneous Upper Leather, Except Lining and Patent*
- 11 1910 *Reptilian and sharkskin*
- 11 1990 *Upper leather, except lining and patent, not elsewhere classified*
- 11 2000 **PATENT LEATHER**
- 11 2100 *Cattle Side*
- 11 2200 *Calf and Kip*
- 11 2210 *Whole skins*
- 11 2220 *Sides*
- 11 2300 *Goat and Kid*
- 11 2400 *Horse and Colt*
- 11 2900 *Patent Leather, Not Elsewhere Classified*
- 11 3000 **LINING LEATHER**
- 11 3100 *Cattle Side*
- 11 3110 *Grains*
- 11 3120 *Splits*
- 11 3200 *Calf and Kip*
- 11 3210 *Whole skins*
- 11 3220 *Sides*
- 11 3300 *Sheep and Lamb*
- 11 3400 *Goat and Kid*
- 11 3900 *Lining Leather, Not Elsewhere Classified*
- 11 4000 **SOLE, WELTING, INDUSTRIAL BELTING AND MECHANICAL LEATHER AND OFFAL**
- 11 4100 *Sole Leather*
- 11 4110 *Cattle*
- 11 4111 *Grains*
- 11 4112 *Splits*
- 11 4120 *Buffalo*
- 11 4130 *Horse*
- 11 4140 *Pig and hog*
- 11 4200 *Welting Leather*
- 11 4210 *Cattle*
- 11 4220 *Pig and hog*
- 11 4300 *Industrial Belting and Mechanical Leather*
- 11 4310 *Belting leather*
- 11 4320 *Mechanical leather (including leather for packing, washers, and textile machinery)*
- 11 4400 *Sole, Welting and Belting Leather Offal*
- 11 4900 *Sole, Welting, Industrial Belting and Mechanical Leather and Offal, Not Elsewhere Classified*



# LEATHER—Continued

11 5000	GLOVE LEATHER
11 5100	<i>Cattle Side</i>
11 5110	Grains
11 5120	Splits
11 5200	<i>Sheep and Lamb</i>
11 5300	<i>Goat and Kid</i>
11 5400	<i>Cabretta, Including Hair Sheep</i>
11 5500	<i>Horse, Colt, Ass, and Mule</i>
11 5510	Fronts,
11 5520	Butts
11 5530	Shanks
11 5600	<i>Deer and Elk</i>
11 5700	<i>Pig and Hog</i>
11 5900	<i>Glove Leather, Not Elsewhere Classified</i>
11 6000	GARMENT LEATHER
11 6100	<i>Cattle Side</i>
11 6110	Grains
11 6120	Splits
11 6200	<i>Calf and Kip</i>
11 6210	Whole skins
11 6220	Sides
11 6300	<i>Sheep and Lamb</i>
11 6310	Shearlings
11 6390	Sheep and lamb, except shearlings
11 6400	<i>Goat and Kid</i>
11 6500	<i>Horse, Colt, Ass, and Mule</i>
11 6510	Fronts
11 6520	Butts
11 6530	Shanks
11 6600	<i>Deer and Elk</i>
11 6900	<i>Garment Leather, Not Elsewhere Classified</i>
11 7000	UPHOLSTERY LEATHER
11 7100	<i>Cattle Side</i>
11 7110	Finished leather top grains and machine buffs
11 7120	Deep buffs
11 7130	Splits, except deep buffs
11 7900	<i>Upholstery Leather, Not Elsewhere Classified</i>
11 8000	FANCY AND BOOKBINDERS' LEATHER
11 8100	<i>Cattle Side</i>
11 8110	Buffings, finished
11 8120	Splits
11 8190	Cattle leather, not elsewhere classified
11 8300	<i>Calf and Kip, Whole Skins</i>
11 8400	<i>Sheep and Lamb</i>
11 8500	<i>Goat, Kid, and Cabretta</i>
11 8600	<i>Pig and Hog</i>
11 8700	<i>Aquatic</i>
11 8900	<i>Fancy and Bookbinders' Leather, Not Elsewhere Classified</i> (Ostrich, Snake)
11 9000	MISCELLANEOUS LEATHER
11 9100	<i>Harness and Saddlery Leather</i>
11 9200	<i>Collar, Skirting, Latigo, and Lace Leather</i>
11 9210	Collar
11 9220	Skirting
11 9230	Latigo
11 9240	Lace
11 9300	<i>Roller Leather</i>
11 9310	Calf
11 9320	Sheep and lamb
11 9390	Roller leather, not elsewhere classified
11 9400	<i>Skivers</i>
11 9500	<i>Fleshers, Including Chamois</i>
11 9600	<i>Bag, Case, and Strap Leather (Finished Grains)</i>
11 9700	<i>Rawhide</i>
11 9800	<i>Parchment and Vellum</i>
11 9900	<i>Leather, Not Elsewhere Classified</i>

## MAJOR GROUP 12—BOOT AND SHOE CUT STOCK AND SHOE FINDINGS

12 0000	<i>BOOT AND SHOE CUT STOCK AND SHOE FINDINGS</i>
12 1000	<i>BOOT AND SHOE CUT STOCK</i>
12 1100	<i>Soles</i>
12 1110	Outer soles, leather
12 1120	Inner soles
12 1121	Leather
12 1122	Inner soles, except leather
12 1200	<i>Heels, Except Wood and Rubber</i>
12 1210	Leather
12 1220	Heels, except wood, rubber and leather
12 1300	<i>Heel Lifts</i>
12 1400	<i>Top Lifts</i>
12 1500	<i>Counters</i>
12 1510	Leather
12 1520	Counters, except leather
12 1600	<i>Box Toes</i>
12 1610	Leather
12 1620	Box toes, except leather
12 1700	<i>Taps</i>
12 1800	<i>Uppers (Include Vamps, Quarters, Tips, and Tongues)</i>
12 1900	<i>Boot and Shoe Cut Stock, Not Elsewhere Classified (Include Middle Soles, Slip Soles, Tips, Sock Linings, and Trimmings)</i>
12 2000	<i>SHOE FINDINGS</i>
12 2100	<i>Leather Shanks</i>
12 2200	<i>Leather Welting</i>
12 2400	<i>Ornaments (Buckles and Bows)</i>
12 2500	<i>Wooden Heels</i>
12 2900	<i>Shoe Findings, Not Elsewhere Classified (Include Eyelets, Supports, Metal Heels, and Toe Plates)</i>





## MAJOR GROUP 13—WOOD BASIC MATERIALS, EXCEPT PULPWOOD <sup>1</sup>

13 0000	WOOD BASIC MATERIALS, EXCEPT PULPWOOD
13 1000	LOGS AND BOLTS <sup>2</sup>
13 1100	<i>Saw Logs</i>
13 1200	<i>Veneer Logs (Include Peeler Logs)</i>
13 1300	<i>Handle and Wheel Stock Bolts</i>
13 1400	<i>Stave and Heading Bolts</i>
13 1500	<i>Excelsior Bolts</i>
13 1600	<i>Shingle Bolts</i>
13 1900	<i>Logs and Bolts, Not Elsewhere Classified</i>
13 2000	ROUND AND HEWN TIMBER <sup>2</sup>
13 2100	<i>Poles, Piles, and Round Timber for Spars</i>
13 2110	Poles: telephone, telegraph, trolley, and other line poles
13 2120	Piles
13 2130	Round timber for spars
13 2200	<i>Posts, Round or Split</i>
13 2300	<i>Mine Props</i>
13 2400	<i>Railroad Ties, Hewn</i>
13 2500	<i>Fuelwood</i>
13 2900	<i>Round or Hewn Timber, Not Elsewhere Classified</i>
13 3000	LUMBER, ROUGH OR SURFACED, EXCEPT RAILROAD TIES, SMALL DIMENSION STOCK AND WORKED LUMBER <sup>4</sup>
	(This series covers yard, structural, and factory and shop lumber in the form of boards, dimension, and timbers, whether rough, i. e., as it comes from the saw, or surfaced, i. e., planed or dressed on one or more sides or edges, or any combination of sides and edges. It includes rough or surfaced lumber whether it is a final product or material for further working.)
13 3010	Boards (i. e., less than 2" thick), rough or surfaced, degree of working unspecified
13 3020	Dimension (i. e., 2" or more but less than 5" thick), rough or surfaced, degree of working unspecified
13 3030	Timbers (i. e., 5" or more in least dimension), rough or surfaced, degree of working unspecified
13 3100	<i>Rough</i>
13 3110	Boards
13 3120	Dimension
13 3130	Timbers
13 3200	<i>Surfaced</i>
13 3210	Boards
13 3220	Dimension
13 3230	Timbers
13 4000	MISCELLANEOUS SAWMILL PRODUCTS
13 4100	<i>Railroad Ties, Sawn</i>
13 4200	<i>Small Dimension Stock</i>
13 4210	Squares
13 4220	Long handle stock
13 4230	Softwood cut stock
13 4290	Small dimension stock, not elsewhere classified
13 4300	<i>Lath</i>
13 4400	<i>Shingles</i>
13 4410	Random width
13 4420	Dimension (i. e., specified uniform widths)
13 4430	Shakes (split shingles)

<sup>1</sup> See Code for Species on page 66.

<sup>2</sup> See Supplementary Code 13-1 for length of logs and timber on page 68.

<sup>3</sup> See Supplementary Codes for Lumber: 13-2 for length on page 68, 13-3 for thickness, and 13-4 for use on page 69.

WOOD BASIC MATERIALS, EXCEPT PULPWOOD—Continued

- 13 5000 WORKED LUMBER (MATCHED, SHIPLAPPED, OR PATTERNED)  
 13 5100 *Siding (Bevel, Drop, Rustic, or Other Siding)*  
 13 5200 *Flooring*  
 13 5300 *Ceiling and Partition*  
 13 5400 *Shiplap (Rabbeted, or Lapped, Joint at Edges)*  
 13 5500 *Moulding*  
 13 5600 *Patterned Lumber, Except Moulding and Siding*  
 13 5900 *Worked Lumber, Not Elsewhere Classified*  
 13 6000 VENEER<sup>4</sup>

(Most important species of wood used for veneer: softwood—Douglas fir, Southern yellow pine, Ponderosa pine, White pine, Spruce-Eastern, Spruce-Sitka; hardwood—Sweetgum, Yellow poplar, Cottonwood, Tupelo, Birch, Maple, Oak, Basswood, Magnolia, Walnut, Mahogany, Mahogany-Philippine, Spanish cedar, Oriental wood, Satinwood. See Code for Species of Wood on page 66.)

- 13 6100 *Marine*  
 13 6110 *Rotary cut*  
 13 6120 *Other cut (include half round)*  
 13 6200 *Aircraft*  
 13 6210 *Rotary cut*  
 13 6220 *Other cut (include half round)*  
 13 6300 *Face*  
 13 6310 *Rotary cut*  
 13 6320 *Other cut*  
 13 6400 *Box, Basket*  
 13 6410 *Rotary cut*  
 13 6420 *Other cut (include half round)*  
 13 6900 *Commercial Veneer, Not Elsewhere Classified*  
 13 6910 *Rotary cut*  
 13 6920 *Other cut (include half round)*  
 13 7000 PLYWOOD<sup>5</sup>

(NOTE.—Most important species of wood used for plywood are the same as those for veneer, 13 6000)

- 13 7100 *High Density Plywood (Compregwood, Jicwood, Superpressed Plywood and Similar Types)*  
 13 7200 *Marine*  
 13 7210 *Waterproof diagonal*  
 13 7220 *Waterproof, except diagonal*  
 13 7230 *Moisture resistant*  
 13 7300 *Aircraft Plywood, Except High Density*  
 13 7310 *Waterproof diagonal*  
 13 7320 *Waterproof, except diagonal*  
 13 7330 *Moisture resistant*  
 13 7400 *Box and Container Plywood*  
 13 7410 *Waterproof diagonal*  
 13 7420 *Waterproof, except diagonal*  
 13 7430 *Moisture resistant*  
 13 7900 *Plywood. Miscellaneous*  
 13 7910 *Waterproof diagonal*  
 13 7920 *Waterproof, except diagonal*  
 13 7930 *Moisture resistant*  
 13 8000 MILLWORK

(NOTE.—Most important species of wood used for millwork: softwoods—Douglas fir, Ponderosa pine, White pine—Idaho or western, White pine, Northern, Southern yellow pine, Cypress, Redwood; hardwoods—Oak—white, Oak—red, Yellow—poplar, Sweetgum, Birch, Basswood, Maple. See Code for Species of Wood on page 66.)

- 13 8100 *Doors*  
 13 8110 *Interior doors*  
 13 8120 *Entrance or exterior doors*  
 13 8130 *Garage doors*  
 13 8190 *Doors, not elsewhere classified*

<sup>4</sup> See Supplementary Code 13-5 for thickness of veneer on page 69.

<sup>5</sup> See Supplementary Codes for Plywood: 13-6 for thickness of plywood and 13-7 for number of plies in plywood on page 70.

# WOOD BASIC MATERIALS, EXCEPT PULPWOOD—Continued

## MILLWORK—Continued

- 13 8200 *Sash*
- 13 8300 *Window and Door Frames*
- 13 8400 *Porch and Window Blinds*
- 13 8500 *Mantels*
- 13 8900 *Millwork, Not Elsewhere Classified*
- 13 9000 MISCELLANEOUS WOOD BASIC MATERIALS
- 13 9100 *Cooperage Stock, Fabricated*

(NOTE.—Most important species of wood used for cooperage stock: softwoods—Douglas fir, Pine, southern yellow, Pine, white, Pine, Norway, Spruce, Eastern; hardwoods—White oak, Red oak, Sweetgum, Elm, Cottonwood. See Code for Species of Wood on page 66.)

- 13 9110 Tight cooperage stock—staves
- 13 9120 Tight cooperage stock—heading
- 13 9130 Tight cooperage stock—shook
- 13 9140 Slack cooperage stock—staves
- 13 9150 Slack cooperage stock—heading
- 13 9160 Slack cooperage stock—shook
- 13 9200 *Rattan, Willow, and Bamboo Stock*
- 13 9210 Rattan sticks and rods
- 13 9220 Cane, reed, and split rattan
- 13 9230 Cane webbing
- 13 9240 Willow (withes)
- 13 9241 For basket makers' use (include split and chip)
- 13 9249 Willow (withes), not elsewhere classified
- 13 9250 Bamboo
- 13 9251 Split bamboo
- 13 9252 Poles and sticks
- 13 9300 *Blocks, Hewn or Rough Shaped by Sawing, for Further Manufacture*
- 13 9310 For pipes (Specie of wood of principal importance: Briar)
- 13 9320 Last blocks (Specie of wood of principal importance: Maple)
- 13 9330 Heel blocks (Specie of wood of principal importance: Maple)
- 13 9340 Heading and stave blocks (Species of wood of principal importance are the same as for cooperage stock, 13 9100)
- 13 9350 Hub and wagon blocks
- 13 9360 For gunstocks (Specie of wood of principal importance: Walnut, black)
- 13 9370 For shuttles, bobbins, and other textile machine turnings and shapes (Species of wood of principal importance: Dogwood, Persimmon, Birch, Hickory, Maple)
- 13 9390 Hewn or rough shaped blocks, not elsewhere classified
- 13 9400 *Box and Crate Shook*
- (NOTE.—Most important species of wood used for box and crate shook: softwoods—Ponderosa pine, Southern yellow pine, White pine—northern; White pine—Idaho, or western, White pine—sugar, Douglas fir, Spruce, Hemlock; hardwoods—Sweetgum, Oak, Maple, Cottonwood, Yellow poplar, Tupelo, Beech. See Code for Species of Wood on page 66.)
- 13 9500 *Slats*
- 13 9510 For Venetian blinds (Species of wood of principal importance: Basswood, Magnolia, Incense cedar, Port Orford cedar, Ponderosa pine)
- 13 9520 Pencil slats (Species of wood of principal importance: Cedar, eastern red; Cedar, incense)
- 13 9600 *Mill and Woods Waste, Except Pulpwood and Flour*
- 13 9610 Shavings and sawdust
- 13 9620 Flour
- 13 9690 Mill and woods waste, except pulpwood, not elsewhere classified
- 13 9700 *Handles*
- 13 9710 Striking tool handles
- 13 9711 Ash, hickory and oak
- 13 9712 Striking tool handles, except ash, hickory and oak
- 13 9720 Farm and shovel handles
- 13 9721 Ash, hickory and oak
- 13 9722 Farm and shovel handles, except ash, hickory and oak



# WOOD BASIC MATERIALS, EXCEPT PULPWOOD—Continued

## MISCELLANEOUS WOOD BASIC MATERIALS—Continued

### Handles—Continued

- 13 9730 Mechanics' small tool handles
- 13 9740 Cutlery handles
- 13 9750 Broom, mop, and brush handles
- 13 9751 Broom handles
- 13 9752 Mop handles
- 13 9753 Mop sticks
- 13 9754 Paint brush handles and blocks
- 13 9755 Toilet brush handles, backs, and blocks
- 13 9759 Brush handles, not elsewhere classified
- 13 9760 Appliance handles
- 13 9770 Knobs and pulls
- 13 9790 Handles, not elsewhere classified
- 13 9800 *Carvings and Moldings, Except Millwork*
- 13 9810 Fret, carved and embossed moldings
- 13 9820 Picture and mirror moldings
- 13 9890 Carvings and moldings, except millwork, for furniture and architectural decoration
- 13 9900 *Miscellaneous Wood Basic Materials*
- 13 9901 Christmas trees
- 13 9902 Sticks for umbrella, parasol and sunshade handles, canes, fishing rods, and whips of malacca and other foreign vines and woods
- 13 9903 Fan blades
- 13 9904 Blocks, corner
- 13 9905 Blocks, paving, creosoted and other
- 13 9906 Blocks, floor
- 13 9907 Caster blocks, wheels and rollers
- 13 9908 Cross arms
- 13 9911 Door stops
- 13 9912 Gun stocks, unfinished
- 13 9913 Guides and gibs
- 13 9914 Houses, prefabricated
- 13 9915 Insulating pins
- 13 9916 Plugs, tie
- 13 9917 Rollers, mangle and similar
- 13 9921 Rollers, shade and map
- 13 9922 Rollers, conveyor and line rolls
- 13 9923 Thermometer backs
- 13 9924 Wood springs
- 13 9925 Sets of lumber for aircraft (ready cut)
- 13 9999 Wood basic materials, not elsewhere classified

## CODE FOR SPECIES

*To Be Used on 6th, 7th and 8th Digits*

- 000 Species unspecified
- 010 Softwoods unspecified
- 100 Cedar
- 110 Eastern red cedar (include Southern red) (*Juniperus virginiana*, *Juniperus lucayana*)
- 120 Western red cedar (*Thuja plicata*)
- 130 Port Orford cedar (*Chamaecyparis lawsoniana*)
- 140 Incense cedar (*Libocedrus decurrens*)
- 190 Cedar, not elsewhere classified (include Alaska yellow, Northern white, Southern white) (*Chamaecyparis nootkensis*, *Thuja occidentalis*, *Chamaecyparis thyoides*)
- 200 Fir
- 210 Douglas fir (*Pseudotsuga taxifolia*)
- 220 Balsam fir (*Abies balsamea*)
- 230 Noble fir (*Abies nobilis*)
- 240 White fir (also include silver, California red and alpine fir) (*Abies concolor* and *Abies grandis* principally)

# CODE FOR SPECIES—Continued

300	Pine
310	Southern yellow pine ( <i>Pinus palustris</i> ; <i>Pinus caribaea</i> )
311	Longleaf (also known as Georgia pine, and exported as "pitch pine;" include slash pine)
512	Shortleaf (Shortleaf and loblolly; also include pond, spruce, sand, and Virginia pine) ( <i>Pinus echinata</i> and <i>Pinus taeda</i> principally; <i>Pinus serotina</i> , <i>Pinus clausa</i> , <i>Pinus virginiana</i> )
320	Ponderosa pine ( <i>Pinus ponderosa</i> )
330	White pine
331	Northern or Eastern white pine ( <i>Pinus strobus</i> )
332	Western or Idaho white pine ( <i>Pinus monticola</i> )
333	Sugar pine ( <i>Pinus lambertiana</i> )
340	Jack pine ( <i>Pinus banksiana</i> )
350	Norway pine (Red pine) ( <i>Pinus resinosa</i> )
390	Pine, not elsewhere classified (include lodgepole pine)
400	Spruce
410	Eastern spruce (red, white, and black) ( <i>Picea rubra</i> principally)
420	Engelmann spruce ( <i>Picea engelmanni</i> )
430	Sitka spruce ( <i>Picea sitchensis</i> )
440	Western white spruce ( <i>Picea glauca</i> var. <i>albertiana</i> )
500	Softwoods, except cedar, fir, pine, and spruce
510	Cypress ( <i>Taxodium distichum</i> )
520	Hemlock
521	Eastern ( <i>Tsuga canadensis</i> )
522	Western or west coast (include mountain) ( <i>Tsuga heterophylla</i> )
530	Larch ( <i>Larix occidentalis</i> )
540	Redwood (include "big tree") ( <i>Sequoia sempervirens</i> principally)
550	Tamarack ( <i>Larix laricina</i> )
560	Pacific yew ( <i>Taxus brevifolia</i> )
570	Parana pine ( <i>Aracauria braziliana</i> <i>augustifolia</i> )
590	Softwoods, not elsewhere classified
060	Hardwoods, domestic, unspecified
600	Hardwoods, domestic
610	Birch
611	Yellow and sweet birch ( <i>Betula lutea</i> and <i>Betula lenta</i> )
612	White or paper birch ( <i>Betula papyrifera</i> )
620	Elm
621	Rock elm ( <i>Ulmus thomasi</i> )
622	Soft elm ( <i>Ulmus americana</i> and <i>Ulmus fulva</i> )
630	Maple
631	Hard maple ( <i>Acer saccharus</i> )
632	Soft maple (include bigleaf or Oregon) ( <i>Acer saccharinus</i> and <i>Acer rubrum</i> )
640	Oak
641	Red Oak ( <i>Quercus</i> —11 species)
642	White oak ( <i>Quercus</i> —9 species)
650	Sweetgum (red gum and sap gum) ( <i>Liquidambar styraciflua</i> )
660	Tupelo
661	Water tupelo (tupelo) ( <i>Nyssa aquatica</i> )
662	Black tupelo, or black gum ( <i>Nyssa sylvatica</i> )
670	Miscellaneous domestic hardwoods
671	Alder ( <i>Alnus rubra</i> )
672	Ash ( <i>Frazinus</i> spp.)
673	Aspen (popple) ( <i>Populus tremuloides</i> and <i>Populus grandidentata</i> )
674	Basswood ( <i>Tilia glabra</i> )
675	Beech ( <i>Fagus grandifolia</i> )
676	Buckeye ( <i>Aesculus octandra</i> )
677	Butternut ( <i>Juglans cineria</i> )
678	Cherry, black ( <i>Prunus serotina</i> )
681	Chestnut ( <i>Castanea dentata</i> )

# CODE FOR SPECIES—Continued

## Hardwoods, domestic—Continued

### Miscellaneous domestic hardwoods—Continued

682	Dogwood ( <i>Cornus florida</i> )
683	Hackberry ( <i>Celtis laevigata</i> and <i>Celtis occidentalis</i> )
684	Hickory ( <i>Hicoria</i> —4 species)
685	Holly ( <i>Ilex</i> )
686	Locust, black ( <i>Robinia pseudoacacia</i> )
687	Magnolia ( <i>Magnolia grandiflora</i> , <i>Magnolia virginiana</i> )
688	Pecan ( <i>Hicoria</i> —4 species)
691	Persimmon ( <i>Diospyros virginiana</i> )
692	Sycamore ( <i>Platanus occidentalis</i> )
693	Walnut, black ( <i>Juglans nigra</i> )
694	Willow, black ( <i>Salix nigra</i> )
699	Domestic hardwoods, not elsewhere classified
070	Hardwoods, foreign, unspecified
700	Hardwoods, foreign
701	Albarco (Colombian mahogany) ( <i>Cariniana pyriformia</i> )
702	Avodire ( <i>Turraenthus africana</i> )
703	Balsa ( <i>Ochroma</i> spp.)
704	Briar ( <i>Erica</i> )
705	Boxwood ( <i>Casearia</i> and <i>buxus</i> )
706	Cedar, Spanish ( <i>Cedrela odorata</i> )
707	Circassian walnut ( <i>Inglans regia</i> )
708	Cocobola ( <i>Dalbergia</i> spp.)
711	Degame ( <i>Calycophyllum</i> )
712	Ebony ( <i>Doospyros</i> )
713	Roble ( <i>Quercus</i> supp.)
714	Granadillo ( <i>Byra ebenus</i> )
715	Greenheart ( <i>Nectandra</i> )
716	Iroko ( <i>Cholorophora excelsa</i> )
717	Ironbark ( <i>Eucalyptus</i> )
718	Jarrah ( <i>Eucalyptus</i> )
721	Lancewood ( <i>Oxandra lanceolata</i> )
722	Lignumvitae ( <i>Guaiacum</i> )
723	Mahogany ( <i>Swietenia</i> and <i>khaya</i> )
724	Mahogany, Philippine (Red and white lauans)
725	Okoume ( <i>Aucoumea</i> )
726	Orientalwood ( <i>Endiandra palmerstoni</i> )
727	Prima vera ( <i>Tabebuia donnellsmithii</i> )
728	Rosewood ( <i>Dalbergia</i> spp.)
731	Satinwood ( <i>Choroxylon</i> and <i>zanthoxylon</i> )
732	Teak ( <i>Tectona grandis</i> )
790	Hardwoods, foreign, not elsewhere classified

## SUPPLEMENTARY CODE 13-1 FOR LENGTH OF LOGS AND POLES

0	Unspecified or random
2	Over 16 feet and under
3	Over 16 feet through 24 feet
4	Over 24 feet through 30 feet
5	Over 30 feet through 40 feet
6	Over 40 feet through 58 feet
7	Over 58 feet through 70 feet
8	Over 70 feet through 90 feet
9	Over 90 feet

## SUPPLEMENTARY CODE 13-2 FOR LENGTH OF LUMBER

0	Unspecified or random
1	16 feet and under
2	Over 16 feet through 24 feet
3	Over 24 feet through 28 feet
4	Over 28 feet through 32 feet
5	Over 32 feet through 36 feet
6	Over 36 feet through 40 feet
9	Over 40 feet



## SUPPLEMENTARY CODE 13-3 FOR THICKNESS OF LUMBER

	<i>Nominal Thickness</i>	<i>Surfaced Thickness</i>
0	Unspecified or random-----	-----
1	Under 1"-----	Under $2\frac{5}{32}$ "
2	1" (or $\frac{3}{4}$ )-----	$2\frac{5}{32}$ " to $1\frac{1}{16}$ "
3	$1\frac{1}{4}$ " (or $\frac{5}{4}$ )-----	$1\frac{1}{8}$ " to $1\frac{15}{32}$ "
4	$1\frac{1}{2}$ " (or $\frac{6}{4}$ )-----	$1\frac{3}{16}$ " to $1\frac{13}{32}$ "
5	2" (or $\frac{8}{4}$ )-----	$1\frac{7}{16}$ " to $1\frac{11}{16}$ "
6	$2\frac{1}{2}$ " (or $\frac{10}{4}$ )-----	$1\frac{7}{8}$ " to $2\frac{3}{8}$ "
7	3" to 4" ( $\frac{12}{4}$ to $\frac{16}{4}$ )-----	$2\frac{7}{16}$ " to $3\frac{13}{16}$ "
8	5"-----	$4\frac{1}{2}$ "
9	6" and over-----	$5\frac{1}{2}$ " and over

## SUPPLEMENTARY CODE 13-4 FOR USE OF LUMBER

00	Use unspecified
10	Aircraft
20	Boxes, crating, and dunnage
21	Boxes
22	Crating
23	Dunnage
30	Caskets and burial cases
31	Caskets and coffins
32	Burial and shipping cases
40	Furniture and fixtures
50	General construction (building and heavy construction)
51	Common grades
52	Finish grades
53	Stress grades
60	Ships, boats, barges, and other watercraft, including pontoons (to be physically incorporated)
61	Ship and boat bent frames
62	Ship and boat planking
63	Ship and boat decking
64	Ship and boat construction, except bent frames, planking, and decking
65	Barges and lighters
66	Pontoon barks and chesses
67	Pontoon construction, except barks and chesses
70	Tanks, vats, wood pipe, and conduit
71	Tanks and vats
72	Pipe and conduit
73	Cooling towers
74	Silo stock
80	Vehicles and railway rolling stock
81	Vehicles, automotive
82	Vehicles, except automotive
87	Railway rolling stock
90	Miscellaneous manufactured products
91	Agricultural implements
92	Gunstocks
93	Handles
94	Ladders
95	Matches
96	Millwork
97	Templets, moulds, patterns, and flasks
99	Manufactured products, not elsewhere classified

## SUPPLEMENTARY CODE 13-5 FOR THICKNESS OF VENEER

0	Unspecified
1	Thinner than $\frac{1}{32}$ "
2	$\frac{1}{32}$ " (include $\frac{1}{31}$ " )
3	$\frac{1}{28}$ " (include $\frac{1}{27}$ " to $\frac{1}{30}$ " )
4	$\frac{1}{24}$ " (include $\frac{1}{23}$ " to $\frac{1}{26}$ " )
5	$\frac{1}{20}$ " (include $\frac{1}{19}$ " to $\frac{1}{22}$ " )

# **SUPPLEMENTARY CODE 13-5 FOR THICKNESS OF VENEER—Continued**

6	$\frac{1}{16}$ " (include $\frac{1}{14}$ " to $\frac{1}{18}$ " )
7	$\frac{1}{12}$ " (include $\frac{1}{11}$ " to $\frac{1}{13}$ " )
8	$\frac{1}{8}$ " (include $\frac{1}{6}$ " to $\frac{1}{10}$ " )
9	$\frac{1}{4}$ " (include $\frac{1}{5}$ " and thicker)

## **SUPPLEMENTARY CODE 13-6 FOR THICKNESS OF PLYWOOD**

0	Unspecified
1	$\frac{1}{16}$ " and thinner
2	$\frac{1}{8}$ " (include $\frac{3}{32}$ " )
3	$\frac{3}{16}$ " (include $\frac{6}{32}$ " )
4	$\frac{1}{4}$ " (include $\frac{7}{32}$ " to $\frac{10}{32}$ " )
5	$\frac{3}{8}$ " (include $\frac{11}{32}$ " to $\frac{13}{32}$ " )
6	$\frac{1}{2}$ " (include $\frac{14}{32}$ " to $\frac{18}{32}$ " )
7	$\frac{3}{4}$ " (include $\frac{19}{32}$ " to $\frac{26}{32}$ " )
8	1" (include $\frac{27}{32}$ " to 1" )
9	Over 1"

## **SUPPLEMENTARY CODE 13-7 FOR NUMBER OF PLYS IN PLYWOOD**

2	Two plies
3	Three plies
5	Five plies
7	Seven plies
9	Nine plies and over

## MAJOR GROUP 14—PULP, PAPER, AND PAPERBOARD

14 0000	<i>PULP, PAPER, AND PAPERBOARD</i>
14 1000	<i>PULPWOOD</i> <sup>1</sup>
14 1100	<i>Rough</i>
14 1110	Softwood
14 1120	Hardwood
14 1200	<i>Peeled</i>
14 1210	Softwood
14 1220	Hardwood
14 1300	<i>Rossed</i>
14 1310	Softwood
14 1320	Hardwood
14 1400	<i>Chipped</i>
14 1410	Softwood
14 1420	Hardwood
14 1500	<i>Slabs and Mill Waste</i>
14 1510	Softwood
14 1520	Hardwood
14 1900	<i>Pulpwood, Not Elsewhere Classified</i>
14 1910	Softwood
14 1920	Hardwood
14 2000	<i>PAPER BASE STOCK, EXCEPT PULP</i>
14 2100	<i>Waste Paper</i>
14 2110	News
14 2111	Baled and overissues
14 2112	Side runs
14 2120	Books and magazines, including overissues
14 2130	100 percent kraft containers, including new cuttings
14 2140	Containers, except 100 percent kraft, including new cuttings
14 2150	Old kraft paper
14 2160	Mixed, including boxboard cuttings
14 2170	Manillas
14 2180	Ledgers
14 2190	Waste paper, not elsewhere classified
14 2200	<i>Rags For Paper Stock</i>
14 2210	New cuttings
14 2220	Old rags
14 2230	Roofing rags
14 2290	Rags for paper stock, not elsewhere classified
14 2900	<i>Miscellaneous Paper Base Stock, Except Pulp</i>
14 2910	Straw
14 2920	Manila fiber
14 2930	Old rope
14 2940	Burlap waste
14 2950	Jute waste
14 2960	Raw flax
14 2970	Sisal fiber
14 2990	Paper base stock, except pulp, not elsewhere classified
14 3000	<i>WOOD PULP</i>
14 3100	<i>Bleached Sulphite</i>
14 3110	High-alpha, rayon and other dissolving pulps
14 3120	Special paper grades
14 3130	Mitscherlich
14 3140	Book and bond
14 3150	Glassine
14 3160	Hardwood
14 3190	Bleached sulphite, not elsewhere classified

<sup>1</sup> See Code for Wood Species on page 66.



**PULP, PAPER, AND PAPERBOARD—Continued**

	<b>Wood Pulp—Continued</b>
14 3200	<i>Unbleached Sulphite</i>
14 3230	Mitscherlich
14 3250	Glassine
14 3270	Strong unbleached (include "strong bleachable" and "easy bleaching" grades)
14 3280	News grades
14 3290	Unbleached sulphite, not elsewhere classified
14 3300	<i>Bleached Sulphate</i>
14 3310	Super-standard
14 3320	Standard
14 3400	<i>Semibleached Sulphate</i>
14 3410	Super-standard
14 3420	Standard
14 3500	<i>Unbleached Sulphate</i>
14 3510	Special (condenser) grade
14 3520	Super-standard paper grade (Northern)
14 3530	Standard paper grade
14 3540	Board grade (Southern)
14 3590	Unbleached sulphate, not elsewhere classified
14 3600	<i>Wood Pulp, Soda</i>
14 3700	<i>Groundwood Pulp</i>
14 3710	Special grades
14 3720	News grades
14 3800	<i>Wood Pulp, Semichemical</i>
14 3900	<i>Miscellaneous Wood Pulp</i>
14 3910	High alpha and dissolving rejects
14 3920	Screenings and off-quality
14 3930	Special board grades (Asplund defiberized exploded wood pulp and similar pulps)
14 3990	Wood pulp, not elsewhere classified
14 4000	<b>PULP, EXCEPT WOOD AND CHEMICAL COTTON PULP</b>
14 4100	<i>Rag Pulp</i>
14 4200	<i>Straw Pulp</i>
14 4300	<i>Esparto Pulp</i>
14 4900	<i>Pulp, Except Wood and Chemical Cotton Pulp, Not Elsewhere Classified</i>
14 5000	<b>PAPER, EXCEPT BUILDING PAPER</b>
14 5100	<i>Newsprint</i>
14 5110	Standard roll
14 5120	Standard sheet
14 5190	Newsprint, not elsewhere classified
14 5200	<i>Groundwood Printing and Specialty Paper (50 Percent Groundwood or More)</i>
14 5210	Hanging
14 5220	Catalog and directory
14 5230	Printing
14 5240	Rotogravure
14 5250	Writing, mimeograph and tablet
14 5290	Miscellaneous groundwood printing and specialty paper
14 5291	Novel-news and news-tablet
14 5292	Poster
14 5293	Railroad manila
14 5294	Box lining and covering
14 5295	Bulking book and drawing
14 5296	Continuous form and sales-book
14 5297	Coating and carbonizing
14 5299	Groundwood printing and specialty paper, not elsewhere classified
14 5300	<i>Book Paper (Include Printing Paper With Less Than 50 Percent Groundwood)</i>
14 5310	General printing
14 5311	Plain and super
	14 53111 Free from groundwood
	14 53112 Containing groundwood
14 5312	Machine coated
	14 53121 Free from groundwood
	14 53122 Containing groundwood

*PULP, PAPER, AND PAPERBOARD*—Continued

Wood PULP—Continued

*Book Paper (Include Printing Paper With Less Than 50 Percent Groundwood)*—Continued

General printing—Continued

- 14 5313 Label, music, poster and wraps
- 14 5314 Bulking book
- 14 5319 General printing, not elsewhere classified
- 14 5320 Converting paper
- 14 5321 Body stock for coated book

- 14 53211 Free from groundwood
- 14 53212 Containing groundwood

- 14 5322 Envelope
- 14 5323 Tablet, adding machine and other business machine papers
- 14 5329 Converting paper, not elsewhere classified

Lithograph

Offset

- 14 5390 Book paper (include printing paper with less than 50 percent groundwood), not elsewhere classified

*Fine Paper*

Writing paper

Containing rag

- 14 5411 Bond and writing
- 14 54112 Ledger
- 14 54113 Manifold
- 14 54114 Papeterie and wedding
- 14 54119 Containing rag, not elsewhere classified

14 5412

Sulphite

- 14 54121 Bond, writing and ledger (include register, sales-book and fanform)
- 14 54122 Manifold
- 14 54123 Mimeograph
- 14 54124 Papeterie
- 14 54125 Opaque circular
- 14 54129 Sulphite writing, not elsewhere classified

14 5420 Reproduction paper stock

14 5421 Blueprint base stock

14 5422 Photographic and other sensitizing stock

14 54221 Baryta coated paper

14 54222 Unsensitized paper, except Baryta coated paper

14 5423 Protective addressing and check base stock paper

14 5424 Gelatine and spirit process duplicating

14 5429 Reproduction paper stock, not elsewhere classified

14 5430 Cover paper

14 5440 Text paper

14 5450 Bristols, except bogus

14 5451 Index

14 54511 Containing rag

14 54512 Not containing rag

14 5452 Printing (mill)

14 5453 Uncoated post card

14 5459 Bristol, except bogus, not elsewhere classified

14 5460 Thin paper

14 5461 Carbonizing

14 5462 Condenser

14 5463 Cigarette

14 5469 Thin paper (include stencil, lens), not elsewhere classified

14 5490 Fine paper, not elsewhere classified

14 5500 *Wrapping Paper*

14 5510 Unbleached sulphite and semibleached sulphate

14 5511 Envelope

14 5512 Butchers' paper

14 55121 Untreated

14 55122 Treated

14 5513 Bag paper

14 5514 Machine glazed

14 5515 Grocers' and imitation parchment

14 5519 Unbleached sulphite and semibleached sulphate, not elsewhere classified

*PULP, PAPER, AND PAPERBOARD—Continued*

Wood Pulp—Continued

Wrapping Paper—Continued

14 5520	Bleached sulphite and bleached sulphate
14 5521	Waxing stock (18 lbs. and up, M. G. and M. F.)
14 5522	Bag paper
14 5523	Machine glazed wrapping
14 5524	Drug wrapping
14 5525	Cup stock
14 5529	Bleached sulphite and bleached sulphate, not elsewhere classified
14 5530	Unbleached sulphate (kraft)
14 5531	Wrapping
	14 55311 M. F.
	14 55312 M. G.
14 5532	Grocery bag and sack paper
	14 55321 M. F.
	14 55322 M. G.
14 5533	Heavy duty and multi-wall sack paper
14 5534	Asphalting and creping, except towel
14 5535	Envelope
14 5536	Gumming
14 5537	Twisting and spinning (over 18 lbs.)
14 5538	Waxing (over 18 lbs.)
	14 55381 M. F.
	14 55382 M. G.
14 5539	Unbleached sulphate (kraft), not elsewhere classified
	14 55391 M. F.
	14 55392 M. G.
14 5540	Greaseproof, glassine and related grades
14 5550	Vegetable parchmentizing stock
14 5560	Rope and jute paper
14 5561	24 x 36—(500) under 100 lbs.
14 5562	24 x 36—(500) 100 lbs. and up
14 5570	Tagboard, light Manila board, file folder, pattern
14 5571	100 percent chemical pulp
14 5572	Containing groundwood
14 5580	Manila, wrapping and envelope
14 5590	Miscellaneous wrapping paper
14 5591	Bogus, screenings and core paper
14 5592	Mill wrappers
14 5599	Wrapping paper, not elsewhere classified
14 5600	<i>Sanitary Paper Stock</i>
14 5610	Sanitary napkin
14 5620	Toweling
14 5630	Toilet tissue
14 5640	Napkin
14 5650	Facial tissue
14 5690	Sanitary paper stock, not elsewhere classified
14 5700	<i>Tissue Paper, Except Sanitary and Thin Paper (All Weights under 24 x 36—(480) 18 lbs.)</i>
14 5710	Waxing tissue
14 5720	Wrapping tissue
14 5730	Pattern tissue
14 5740	Sales book tissue
14 5750	Twisting stock
14 5760	Fruit and vegetable wrapping tissue
14 5770	Crepe wadding for packing
14 5790	Tissue paper, except sanitary and thin paper, not elsewhere classified
14 5800	<i>Absorbent Paper</i>
14 5810	Blotting
14 5820	Filter
14 5830	Matrix paper and board
14 5840	Vulcanized fiber
14 5850	Resin impregnating
14 5890	Absorbent paper, not elsewhere classified
14 5900	<i>Paper, Except Building Paper, Not Elsewhere Classified</i>



**PULP, PAPER, AND PAPERBOARD—Continued**

- 14 6000 BUILDING PAPER
- 14 6100 *Sheathing Paper*
- 14 6200 *Saturating and Dry Felts*
- 14 6300 *Insulation, Non-rigid Vegetable Fiber*
- 14 6310 Blankets
- 14 6311 Wood fiber
- 14 6312 Vegetable fiber, except wood
- 14 6320 Bats
- 14 6321 Wood fiber
- 14 6322 Vegetable fiber, except wood
- 14 6330 Fill
- 14 6331 Wood fiber
- 14 6332 Vegetable fiber, except wood
- 14 6900 *Building Paper, Not Elsewhere Classified*
- 14 7000 BOARD, EXCEPT BUILDING BOARD
- 14 7100 *Container Board (Over .009 Inch)*
- 14 7110 Kraft liner
- 14 7120 Jute liner
- 14 7130 Corrugating board
- 14 7131 Straw
- 14 7132 Semi-chemical
- 14 7133 Kraft
- 14 7134 Bogus
- 14 7135 Chestnut
- 14 7139 Corrugating board, not elsewhere classified
- 14 7140 Container chip (.009 inch)
- 14 7150 Container chip (over .009 inch)
- 14 7190 Container board (over .009 inch), not elsewhere classified
- 14 7200 *Tube Stock*
- 14 7300 *Folding Boxboard (Bending)*
- 14 7310 Manila and bleached Manila lined chip board (single and double lined)
- 14 7320 Patent coated (all type backs)
- 14 7330 Solid sulphate (bleached and unbleached)
- 14 7340 Solid sulphite (bleached and unbleached)
- 14 7350 Sulphate and sulphite lined solid Manilas
- 14 7360 Clay coated
- 14 7370 Bending chip
- 14 7380 Kraft lined (single and double)
- 14 7390 Folding boxboard (bending), not elsewhere classified
- 14 7400 *Set-Up Boxboard (Nonbending and Unpasted)*
- 14 7410 Chip board
- 14 7420 Strawboard (over .009 inch)
- 14 7430 Solid newsboard
- 14 7440 White wood vat lined
- 14 7490 Set-up boxboard (nonbending and unpasted), not elsewhere classified
- 14 7500 *Cardboard (Nonbending)*
- 14 7510 Blanks (uncoated)
- 14 7520 Clay-coated blanks
- 14 7530 Clay-coated tag
- 14 7540 Photomounts
- 14 7550 Bogus bristol
- 14 7590 Cardboard (nonbending), not elsewhere classified
- 14 7600 *Binders' Board (Wet Machine)*
- 14 7700 *Leather Board*
- 14 7800 *Pressboard, Including Imitation Pressboard*
- 14 7900 *Miscellaneous Board, Except Building Board*
- 14 7910 Pulpboard for the manufacture of wallboard
- 14 7990 Board, except building board, not elsewhere classified
- 14 8000 BUILDING BOARD
- 14 8100 *Wall Board (Density Over 24 lbs. Per Cubic Foot)*
- 14 8110 Composition wall board (non-laminated)
- 14 8111 Wood fiber
- 14 8112 Vegetable fiber, except wood
- 14 8120 Hard pressed (include base stock for fiber tile)
- 14 8121 Wood fiber
- 14 8122 Vegetable fiber, except wood

*PULP, PAPER, AND PAPERBOARD—Continued*

*BUILDING BOARD—Continued*

*Wall Board (Density Over 24 lbs. Per Cubic Foot)—Continued*

14 8190	Wall board (density over 24 lbs. per cubic foot), not elsewhere classified
14 8191	Wood fiber
14 8192	Vegetable fiber, except wood
14 8200	<i>Insulation Board, Rigid (Density 24 lbs. or Less Per Cubic Foot)</i>
14 8210	Interior finish
14 8211	Wood fiber
14 8212	Vegetable fiber, except wood
14 8220	Sheathing
14 8221	Wood fiber
14 8222	Vegetable fiber, except wood
14 8230	Fiber lath
14 8231	Wood fiber
14 8232	Vegetable fiber, except wood
14 8240	Roofing board
14 8241	Wood fiber
14 8242	Vegetable fiber, except wood
14 8290	Insulation board, rigid (density 24 lbs. or less per cubic foot), not elsewhere classified
14 8291	Wood fiber
14 8292	Vegetable fiber, except wood
14 9000	<i>MISCELLANEOUS PAPER AND PAPERBOARD</i>
14 9100	<i>Wall Paper</i>
14 9900	<i>Paper and Paperboard, Not Elsewhere Classified</i>

## MAJOR GROUP 15—TEXTILE BASIC MANUFACTURES

15 0000	TEXTILE BASIC MANUFACTURES
15 1000	COTTON BASIC TEXTILES
15 1100	Semi-manufactures, Except Yarn
15 1110	Card laps
15 1120	Sliver
15 1130	Roving
15 1140	Batting, wadding, felts
15 1150	Soft mill wastes
15 1151	Card strips
	15 11511 Made from cotton under $1\frac{3}{16}$ inches
	15 11512 Made from cotton $1\frac{3}{16}$ inches or longer
15 1152	Comber noils
15 1153	Lap waste, sliver waste, roving waste
15 1159	Soft mill wastes, not elsewhere classified
15 1160	Hard mill wastes (yarn or thread waste)
15 1200	Yarn
15 1210	Carded
15 1211	Not over 20s
15 1212	21s to 40s
15 1213	41s to 60s
15 1214	61s to 80s
15 1215	81s to 100s
15 1216	101s to 120s
15 1219	Over 120s
15 1220	Combed
15 1221	Not over 20s
15 1222	21s to 40s
15 1223	41s to 60s
15 1224	61s to 80s
15 1225	81s to 100s
15 1226	101s to 120s
15 1229	Over 120s
15 1230	Tire cord (carded or combed)
15 1300	Thread
15 1310	For household use
15 1311	Sewing thread
15 1312	Crochet, darning, embroidery and hand knitting threads
15 1320	For industrial and manufacturers' use
15 1330	Covered rubber thread
15 1400	Broad Woven Goods (Over 12 Inches In Width)
15 1410	Duck
15 1411	Ounce duck (flat, Army, and similar)
15 1412	Hose and belting duck
15 1413	Numbered duck (naught, sail, harvester, and similar)
15 1420	Tire fabrics (cord, builder, breaker and chafer)
15 1430	Narrow sheetings and allied fabrics, under 42 inches (of carded yarns approximately 6s to 27s)
15 1431	Sheetings
15 1432	Drills, jeans, twills, and sateens
15 1433	Osnaburgs
15 1439	Narrow sheetings and allied fabrics, not elsewhere classified
15 1440	Wide sheetings and allied fabrics, 42 inches and wider (of carded yarns approximately 6s to 27s)
15 1442	Drills, jeans, twills, and sateens
15 1443	Bed sheetings
15 1444	Sheetings, except bed
15 1445	Pillow tubings
15 1449	Wide sheetings and allied fabrics, not elsewhere classified



TEXTILE BASE MANUFACTURES—Continued

COTTON BASIC TEXTILES—Continued

*Broad Woven Goods (Over 12 Inches In Width)*—Continued

- 15 1450 Printcloth-yarn fabrics (of carded yarns approximately 28s to 42s)
- 15 1451 Plain print cloths (threads per square inch, 100 or more)
- 15 1452 Tobacco, cheese, and bandage cloths (threads per square inch under 100)
- 15 1453 Broadcloths
- 15 1454 Twills and sateens
- 15 1455 Poplins
- 15 1456 Fancy print cloths, dimities, and pajama checks
- 15 1459 Printcloth-yarn fabrics, not elsewhere classified
- 15 1460 Combed or part combed cotton fabrics, and carded fabrics of yarns averaging finer than 40s
- 15 1461 Broadcloths
- 15 1462 Marquisettes
- 15 1463 Lawns, organdies, dimities, and voiles
- 15 1464 Twills and sateens
- 15 1465 Poplins, pongees, oxfords and other shirtings, except broadcloths
- 15 1466 Airplane fabrics
- 15 1467 Balloon cloths
- 15 1468 Typewriter ribbon cambrics
- 15 1469 Combed or part combed cotton fabrics, and carded fabrics of yarns averaging finer than 40s, not elsewhere classified
- 15 1470 Napped fabrics
- 15 1471 Outing flannels
- 15 1472 Canton flannels
- 15 1473 Blanketings, and blanket linings
- 15 1474 Workshirt flannels
- 15 1479 Napped fabrics, not elsewhere classified
- 15 1480 Colored-yarn fabrics
- 15 1481 Denims (clothing)
- 15 1482 Pin stripes, hickory stripes, pin checks
- 15 1483 Bed tickings
- 15 1484 Shirting chambrays, chevots, coverts, etc.
- 15 1486 Cottonades and suitings
- 15 1487 Gingham and plaids
- 15 1488 Seersuckers
- 15 1489 Colored-yarn fabrics, not elsewhere classified
- 15 1490 Miscellaneous broad woven fabrics (over 12 inches in width)
- 15 1491 Plushes, velvets, and velveteens
- 15 1492 Corduroys
- 15 1493 Table damask
- 15 1494 Drapery, upholstery, and tapestry fabrics
- 15 1495 Bedspread in the piece
- 15 1496 Mosquito netting
- 15 1497 Insect netting (sandfly, etc.)
- 15 1499 Broad woven fabrics, not elsewhere classified
- 15 1500 *Cotton Narrow Fabrics Woven or Braided (Not Over 12 Inches in Width)*
- 15 1510 Elastic webbing
- 15 1520 Non-elastic webbing
- 15 1530 Shoe and corset lacings
- 15 1540 Woven tapes and bindings
- 15 1550 Woven labels
- 15 1560 Transmission and conveyor belting
- 15 1590 Cotton narrow fabrics, not elsewhere classified
- 15 1600 *Knit Fabrics*
- 15 1610 Circular knit
- 15 1611 Underwear fabrics
- 15 1612 Outerwear fabrics
- 15 1614 Glove fabrics
  - 15 16141 Light-weight jersey (for dress and uniform gloves)
  - 15 16143 Heavy-weight jersey (for heavy gloves)

TEXTILE BASE MANUFACTURES—Continued

COTTON BASIC TEXTILES—Continued

Knit Fabrics—Continued

Circular knit—Continued

Glove fabrics—Continued

- 15 16144 Work-glove ribbed tubing
- 15 16145 Glove lining
- 15 16149 Circular knit glove fabrics, not elsewhere classified

- 15 1615 Corset and girdle fabrics
- 15 1616 Shoe lining
- 15 1617 Stockinette or beef bagging
- 15 1619 Circular knit fabric, not elsewhere classified
- 15 1620 Warp knit
- 15 1622 Dress fabrics
- 15 1624 Glove fabrics

- 15 16241 Sueded

- 15 16242 Unsueded

- 15 1625 Corset and girdle fabrics
- 15 1626 Curtain and drapery fabrics
- 15 1627 Insect netting (sandfly, etc.)
- 15 1628 Mosquito netting (tricot)
- 15 1629 Warp knit fabrics, not elsewhere classified

Lace Fabrics

Levers lace

- 15 1710 Levers lace
- 15 1711 Camouflage netting
- 15 1712 Insect netting
- 15 1719 Levers lace, not elsewhere classified

Nottingham lace

- 15 1720 Nottingham lace
- 15 1721 Curtain nets (piece goods)
- 15 1722 Camouflage netting
- 15 1723 Mosquito netting
- 15 1724 Insect netting
- 15 1729 Nottingham lace, not elsewhere classified

Bobbinet

- 15 1730 Bobbinet
- 15 1731 Mosquito netting
- 15 1739 Bobbinet, not elsewhere classified

Barmen lace

- 15 1740 Barmen lace
- 15 1741 Camouflage netting
- 15 1749 Barmen lace, not elsewhere classified

Handmade lace

- 15 1750 Handmade lace
- 15 1796 Lace fabrics, not elsewhere classified

Cotton Basic Textiles, Not Elsewhere Classified

JUTE BASIC TEXTILES

Semi-manufactures, Except Yarn

- 15 2100 Sliver
- 15 2110 Mill waste
- 15 2120 Waste bagging and waste sugar sack cloth, except paper stock

Yarn And Roving

Broad Woven Goods (Over 12 Inches in Width)

- 15 2200 Burlap (include Hessian, and sacking)
- 15 2400 Interlinings for clothing

Serim

- 15 2440 Serim
- 15 2450 Bagging for baling cotton
- 15 2490 Broad woven fabrics, not elsewhere classified

Narrow Fabrics (Not Over 12 Inches in Width)

- 15 2500 Webbing
- 15 2510 Narrow fabrics, except webbing

Miscellaneous Jute Basic Textiles

- 15 2900 Felts
- 15 2910 Jute basic textiles, not elsewhere classified

FLAX, HEMP, AND RAMIE BASIC TEXTILES

Semi-manufactures, Except Yarn

- 15 3000 Sliver and roving
- 15 3100 Mill waste, except noils and tow

- 15 3120 Rags

Yarn

15 3200

TEXTILE BASE MANUFACTURES—Continued

FLAX, HEMP, AND RAMIE BASIC TEXTILES—Continued

- 15 3300 *Thread*
- 15 3310 *Shoe thread*
- 15 3320 *Thread, except shoe thread*
- 15 3400 *Broad Woven Goods (Over 12 Inches in Width)*
- 15 3410 *Fine linens (weighing not over 4 oz. per square yard)*
- 15 3420 *Coarse and medium linens (weighing over 4 oz. per square yard),  
except interlinings and table damask*
- 15 3430 *Interlinings for clothing*
- 15 3440 *Table damask*
- 15 3500 *Narrow Fabrics (Not Over 12 Inches in Width)*
- 15 3510 *Fire hose*
- 15 3520 *Narrow fabrics, except fire hose*
- 15 3600 *Netting for Fish Nets and for Tennis and Similar Nets*
- 15 3700 *Lace Fabrics*
- 15 3900 *Flax, Hemp, and Ramie Basic Textiles, Not Elsewhere Classified*
- 15 4000 MISCELLANEOUS VEGETABLE FIBER BASIC TEXTILES
- 15 4100 *Semi-manufactures, Except Yarn*
- 15 4110 *Mill waste*
- 15 4120 *Rope ends*
- 15 4200 *Yarn*
- 15 4300 *Broad Woven Fabrics (Over 12 Inches in Width)*
- 15 4400 *Narrow Fabrics (Not Over 12 Inches in Width)*
- 15 4600 *Netting For Fish Nets*
- 15 4800 *Oakum*
- 15 4900 *Vegetable Fiber Basic Textiles, Not Elsewhere Classified*
- 15 5000 WOOL BASIC TEXTILES
- 15 5100 *Semi-manufactures, Except Yarn*
- 15 5110 *Tops (combed sliver)*
- 15 5120 *Wool wastes, clips, and rags*
- 15 5121 *Noils*
- 15 5124 *Soft wool wastes, except noils*
- 15 5125 *Yarn or thread waste*
- 15 5126 *Recovered wool fiber*
- 15 5127 *Rags*
- 15 5128 *Clips*
- 15 5130 *Laps, sliver (except tops), and roving*
- 15 5140 *Batting and wadding*
- 15 5200 *Yarn*
- 15 5210 *Spun on woolen system*
- 15 5211 *Weaving yarns, except carpet*
- 15 5212 *Carpet yarns*
- 15 5213 *Machine-knitting yarns*
- 15 5214 *Hand-knitting yarns*
- 15 5220 *Yarns spun on the Bradford system (worsted)*
- 15 5221 *Weaving yarns, except carpet*
- 15 5222 *Carpet yarns*
- 15 5223 *Machine-knitting yarns*
- 15 5224 *Hand-knitting yarns*
- 15 5230 *Yarns spun on the French system (worsted)*
- 15 5231 *Weaving yarns*
- 15 5232 *Machine-knitting yarns*
- 15 5233 *Hand-knitting yarns*
- 15 5300 *Broad Woven Fabrics (Over 12 Inches in Width)*
- 15 5310 *Apparel fabrics*
- 15 5311 *Men's-wear suitings and trousering*
- 15 5312 *Men's-wear overcoatings and topcoatings*
- 15 5313 *Women's-wear coatings*
- 15 5314 *Women's-wear suitings and dress fabrics*
- 15 5319 *Apparel fabrics, not elsewhere classified*
- 15 5320 *Nonapparel fabrics*
- 15 5321 *Upholstery and drapery fabrics, except pile*
- 15 5322 *Nonapparel pile fabrics*
- 15 5323 *Woven felts*
- 15 5329 *Nonapparel fabrics, not elsewhere classified*
- 15 5400 *Narrow Fabrics (Not Over 12 Inches in Width)*



TEXTILE BASIC MANUFACTURES—Continued

WOOL BASIC TEXTILES—Continued

*Knit Fabrics*

- 15 5500 Circular-knit
- 15 5510 Underwear fabrics
- 15 5511 Lining fabrics
- 15 5512 Dress and similar light-weight fabrics
- 15 5513 Overcoatings and fleeces
- 15 5514 Glove fabrics
- 15 5515 Circular-knit fabrics, not elsewhere classified
- 15 5519 Warp-knit
- 15 5520 Outerwear fabrics (including Raschel)
- 15 5521 Glove fabrics
- 15 5529 Warp-knit fabrics, not elsewhere classified

*Felts, Not Woven*

- 15 5700 Wool-felt Hat Bodies

*Laces*

- 15 5800 Wool Basic Textiles, Not Elsewhere Classified

HAIR BASIC TEXTILES

*Semi-manufactures, Except Yarn*

- 15 6100 Tops and roving
- 15 6110 Waste
- 15 6120 Yarns
- 15 6200 Broad Woven Fabrics (Over 12 Inches in Width)
- 15 6300 Hair interlining
- 15 6310 Hair seating
- 15 6320 Press cloth
- 15 6330 Human hair
- 15 6331 Press cloth, except human hair

*Narrow Fabrics (Not Over 12 Inches in Width)*

*Hair Felt*

- 15 6500 Insulation
- 15 6510 Gun wad felt
- 15 6520 Hair felt, not elsewhere classified

*Curled Hair*

- 15 6600 Loose
- 15 6610 Interlaced
- 15 6620 Roping
- 15 6630 Curled hair, not elsewhere classified

SILK BASIC TEXTILES

*Semi-manufactures, Except Yarn*

- 15 7100 Peignee ("dressed" or combed silk)
- 15 7110 Noils
- 15 7120 Roving
- 15 7130 Mill waste
- 15 7141 Thread waste
- 15 7142 Mill waste, except thread waste
- 15 7150 Rag waste
- 15 7151 Old silk stockings
- 15 7152 Silk rag waste, except old silk stockings
- 15 7160 Recovered silk fiber (picked or garnetted)

*Silk Yarn*

- 15 7200 Thrown (from raw silk)
- 15 7210 Spun (from silk waste)

*Thread*

- 15 7300 For household use
- 15 7310 Sewing thread
- 15 7311 Crochet, darning, embroidery and hand-knitting threads
- 15 7312 For industrial and manufacturers' use

*Broad Woven Goods (Over 12 Inches in Width)*

- 15 7400 All-silk
- 15 7410 Taffetas
- 15 7411 Satins
- 15 7412 Crepes
- 15 7413 Bolting cloth
- 15 7414 Parachute cloth
- 15 7415 Necktie fabrics
- 15 7416 Spun-silk fabrics
- 15 7417 Broad woven all-silk fabrics, not elsewhere classified

TEXTILE BASIC MANUFACTURES—Continued

SILK BASIC TEXTILES—Continued

*Broad Woven Goods (Over 12 Inches in Width)*—Continued

- 15 7420 Silk-mixtures
- 15 7421 Taffetas
- 15 7422 Satins
- 15 7423 Crepes
- 15 7424 Drapery, upholstery and tapestry fabrics, except pile
- 15 7425 Pile fabrics (velvets, plushes, and similar)
- 15 7426 Necktie fabrics
- 15 7429 Broad woven silk-mixture fabrics, not elsewhere classified
- 15 7500 *Narrow Fabrics (Not Over 12 Inches in Width)*
- 15 7510 Ribbons
- 15 7520 Hat bands
- 15 7530 Woven labels
- 15 7540 Bindings
- 15 7590 Silk narrow fabrics, not elsewhere classified

15 7600 *Knit Fabrics*

15 7700 *Lace Fabrics*

- 15 7710 Levers lace
- 15 7711 Velling
- 15 7719 Levers lace, not elsewhere classified
- 15 7720 Bobbinet
- 15 7790 Lace fabrics, not elsewhere classified

15 7900 *Silk Basic Textiles, Not Elsewhere Classified*

15 8000 RAYON, NYLON, AND OTHER SYNTHETIC FIBER BASIC TEXTILES

15 8100 *Semi-manufactures, Except Yarn*

- 15 8110 Sliver, tops, and roving
- 15 8120 Noils
- 15 8130 Wastes and waste material
- 15 8131 Producers' waste
- 15 8132 Textile mill waste
- 15 8133 Rags and clips

15 8140 Recovered fiber (picked or garnetted)

15 8200 *Yarns, Thrown or Spun*

- 15 8210 Continuous filament yarn, thrown or plied
- 15 8211 Rayon
- 15 8212 Nylon
- 15 8219 Continuous filament yarn, thrown or plied, not elsewhere classified

15 8220 Spun yarn

- 15 8221 Spun from rayon staple fiber or waste
- 15 8222 Spun from nylon staple fiber or waste
- 15 8223 Spun from protein resin fibers
- 15 8229 Spun from synthetic fiber, not elsewhere classified

15 8300 *Thread*

- 15 8310 For household use
- 15 8311 Sewing thread
- 15 8312 Crochet, darning, embroidery and hand-knitting threads
- 15 8320 For industrial and manufacturers' use

15 8400 *Broad Woven Goods (Over 12 Inches in Width)*

- 15 8410 Wholly of filament rayon yarns
- 15 8411 Taffetas
- 15 8412 Twills
- 15 8413 Satins
- 15 8414 Crepes
- 15 8415 Jacquard fabrics
- 15 8416 Pile fabrics
- 15 8417 Parachute cloth
- 15 8418 Boating cloth
- 15 8419 Wholly of filament rayon yarns, not elsewhere classified
- 15 8420 Wholly of spun-rayon yarns
- 15 8421 Taffetas
- 15 8422 Twills
- 15 8423 Satins
- 15 8424 Crepes
- 15 8425 Jacquard fabrics
- 15 8426 Pile fabrics

TEXTILE BASE MANUFACTURES—Continued

RAYON, NYLON, AND OTHER SYNTHETIC FIBER BASIC TEXTILES—Con.

*Broad Woven Goods (Over 12 Inches in Width)*—Continued

Wholly of spun-rayon yarns—Continued

- 15 8427 Powder-bag fabric
- 15 8429 Wholly of spun-rayon yarns, not elsewhere classified
- 15 8430 Mixtures of filament-rayon yarns and spun-rayon yarns
- 15 8431 Taffetas
- 15 8432 Twills
- 15 8433 Satins
- 15 8434 Crepes
- 15 8435 Jacquard fabrics
- 15 8436 Pile fabrics
- 15 8439 Mixtures of filament-rayon yarns and spun-rayon yarns, not elsewhere classified

- 15 8440 Mixtures of filament-rayon yarns (chief weights) and yarns of other fibers

- 15 8441 Taffetas
- 15 8442 Twills
- 15 8443 Satins
- 15 8444 Crepes
- 15 8445 Jacquard fabrics
- 15 8446 Pile fabrics
- 15 8449 Mixtures of filament-rayon yarns (chief weights) and yarns of other fibers, not elsewhere classified

- 15 8450 Mixtures of spun-rayons (chief weights) and yarns of other fibers

- 15 8451 Taffetas
- 15 8452 Twills
- 15 8453 Satins
- 15 8454 Crepes
- 15 8455 Jacquard fabrics
- 15 8456 Pile fabrics
- 15 8459 Mixtures of spun-rayons (chief weights) and yarns of other fibers, not elsewhere classified

- 15 8460 Wholly of filament-nylon yarns

- 15 8461 Taffetas
- 15 8462 Twills
- 15 8463 Satins
- 15 8464 Crepes
- 15 8465 Jacquard fabrics
- 15 8466 Pile fabrics
- 15 8467 Parachute cloth
- 15 8468 Bolting cloth
- 15 8469 Wholly of filament-nylon yarns, not elsewhere classified

- 15 8470 Wholly or in chief weight of spun-nylon yarns

- 15 8471 Taffetas
- 15 8472 Twills
- 15 8473 Satins
- 15 8474 Crepes
- 15 8475 Jacquard fabrics
- 15 8476 Pile fabrics
- 15 8477 Powder-bag fabric
- 15 8479 Wholly or in chief weight of spun-nylon yarns, not elsewhere classified

- 15 8490 Broad woven fabrics, not elsewhere classified

*Narrow Fabrics (Not Over 12 Inches in Width)*

- 15 8510 Ribbon
- 15 8520 Hat bands
- 15 8530 Woven labels
- 15 8540 Bindings
- 15 8590 Narrow fabrics, not elsewhere classified

*Knit Fabrics*

- 15 8600 Circular-knit
- 15 8610 Underwear fabrics
- 15 8611 Outerwear fabrics
- 15 8612 Glove fabrics
- 15 8613 Corset and girdle fabrics
- 15 8614 Circular-knit fabrics, not elsewhere classified



**TEXTILE BASE MANUFACTURES—Continued**

**RAYON, NYLON, AND OTHER SYNTHETIC FIBER BASIC TEXTILES—Con.**

**Knit Fabrics—Continued**

- 15 8620 **Warp-knit**
- 15 8621 Underwear fabrics
- 15 8622 Outerwear fabrics
- 15 8623 Glove fabrics
- 15 8624 Corset and girdle fabrics
- 15 8629 Warp-knit fabrics, not elsewhere classified

**Lace Fabrics**

- 15 8700 Levers lace
- 15 8711 Veiling
- 15 8719 Levers lace, not elsewhere classified
- 15 8720 Bobbinet
- 15 8790 Lace fabrics, not elsewhere classified
- 15 8900 *Rayon, Nylon, and Other Synthetic Fiber Basic Textiles, Not Elsewhere Classified*

**MISCELLANEOUS BASIC TEXTILE MANUFACTURES**

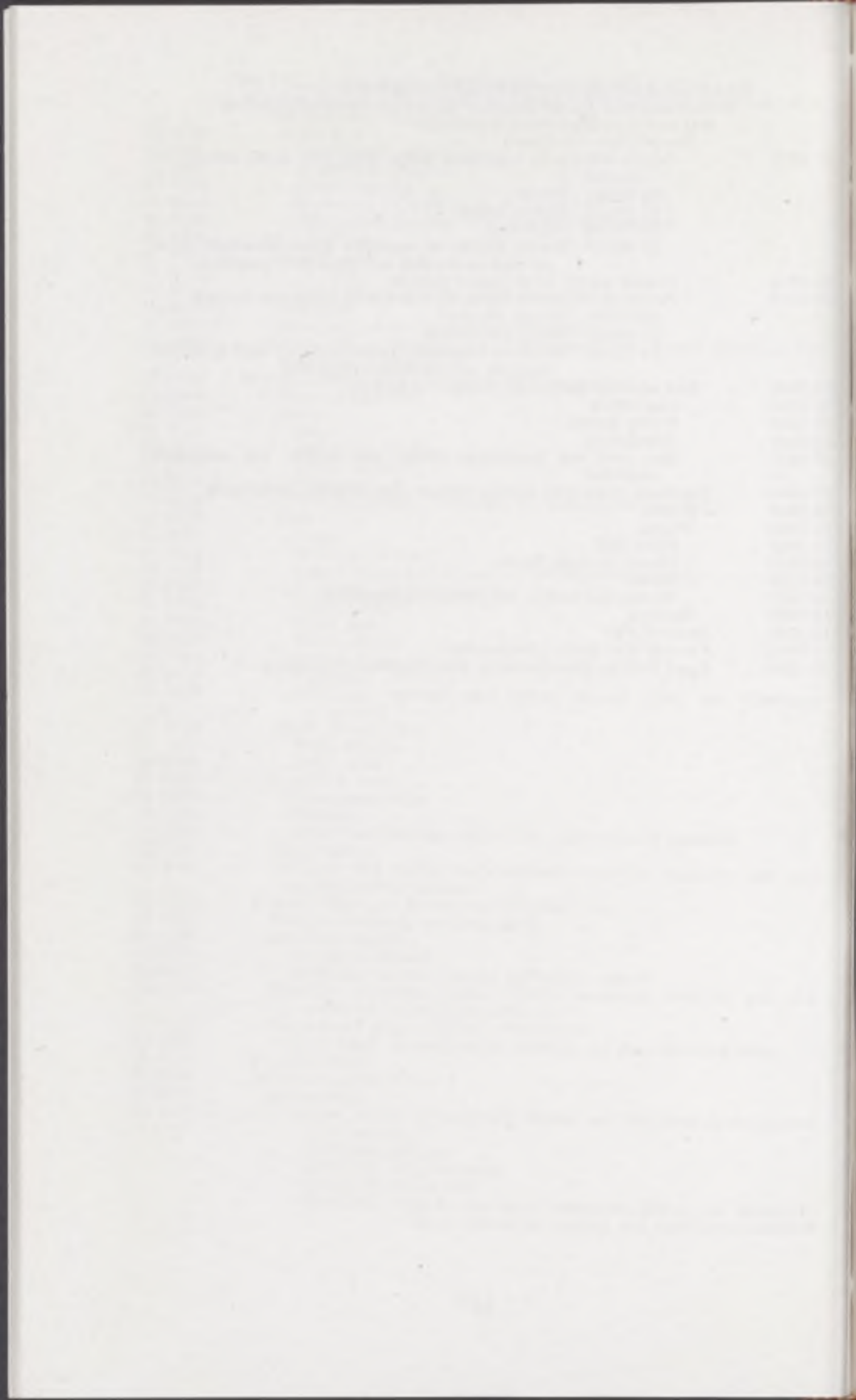
**Cordage And Twine**

- 15 9000 **Cotton**
- 15 9100 Rope
- 15 9110 Wrapping twine
- 15 9111 Seine twine
- 15 9112 Fish line
- 15 9113 Cotton cordage and twine, not elsewhere classified
- 15 9120 **Jute**
- 15 9121 Rope
- 15 9122 Wrapping twine
- 15 9129 Jute cordage and twine, not elsewhere classified
- 15 9130 Soft (Bast) fiber, except jute
- 15 9131 Rope, hemp
- 15 9132 Rope, flax
- 15 9133 Twine, hemp
- 15 9134 Twine, flax
- 15 9135 Fishline
- 15 9139 Soft-fiber cordage and twine, except jute, not elsewhere classified
- 15 9140 **Hard (Leaf) fiber**
- 15 9141 Rope, Manila
- 15 9142 Rope, sisal
- 15 9143 Binder twine
- 15 9144 Wrapping twine
- 15 9145 Fishline
- 15 9149 Hard fiber cordage and twine, not elsewhere classified
- 15 9150 Paper twine
- 15 9190 Cordage and twine, not elsewhere classified (include silk, and synthetic fiber fishline)
- 15 9200 *Coated, Filled, or Waterproof Fabrics*
- 15 9210 Window hollands and book cloth
- 15 9220 Artificial leather
- 15 9221 Pyroxylin-coated
- 15 9229 Artificial leather, except pyroxylin coated
- 15 9230 Oilcloth (including table oilcloth, enameled oilcloth, and silk oilcloth), except floor oilcloth
- 15 9240 Waterproof cloth (include rubberized)
- 15 9290 Coated, filled, or waterproof fabrics, not elsewhere classified
- 15 9300 **Brattice Cloth**
- 15 9500 **Hat and Cap Materials**
- 15 9510 Hat braids
- 15 9511 Braids wholly of vegetable fibers, not bleached, dyed, colored or stained
- 15 95111 Straw
- 15 95112 Manila hemp
- 15 95113 Palm leaf
- 15 95119 Braids wholly of vegetable fibers, not bleached, dyed, colored or stained, not elsewhere classified

TEXTILE BASE MANUFACTURES—Continued  
 MISCELLANEOUS BASIC TEXTILE MANUFACTURERS—Continued  
*Hat and Cap Materials—Continued*

Hat braids—Continued

- 15 9512 Braids wholly of vegetable fibers, bleached, dyed, colored or stained
  - 15 95121 Straw
  - 15 95122 Manila hemp
  - 15 95123 Palm leaf
  - 15 95129 Braids wholly of vegetable fibers, bleached, dyed, colored or stained, not elsewhere classified
- 15 9513 Braids wholly of synthetic textiles
- 15 9514 Braids of vegetable fibers combined with synthetic textiles
  - 15 95141 Ramie (Neora)
  - 15 95142 Hemp (Pedaline)
  - 15 95149 Braids of vegetable fibers combined with synthetic textiles, not elsewhere classified
- 15 9520 Hat and cap materials, except hat braids
- 15 9521 Cap visors
- 15 9522 Sweat bands
- 15 9523 Trimmings
- 15 9529 Hat and cap materials, except hat braids, not elsewhere classified
- 15 9600 *Vegetable Fiber Hat Bodies (Straw Hat Bodies), Unfinished*
- 15 9610 Sewed
- 15 9620 Woven
  - 15 9621 Palm leaf
  - 15 9622 Paper (include Toyo)
  - 15 9623 Straw
  - 15 9629 Woven hat bodies, not elsewhere classified
- 15 9630 Harvest
- 15 9700 *Hatters' Fur*
- 15 9800 *Fur-felt Hat Bodies, Unfinished*
- 15 9900 *Basic Textile Manufactures, Not Elsewhere Classified*





## MAJOR GROUP 16—FOOD AND BEVERAGE BASIC MATERIALS

- 16 0000 *FOOD AND BEVERAGE BASIC MATERIALS*
- 16 1000 *SAUSAGE CASINGS*
- 16 1100 *Beef Casings*
- 16 1200 *Hog Casings*
- 16 1300 *Sheep, Lamb and Goat Casings*
- 16 1400 *Synthetic Casings*
- 16 1900 *Sausage, Casings, Not Elsewhere Classified*
- 16 2000 *RENNET*
- 16 2100 *Rennet, Crude*
- 16 2200 *Rennet, Extract*
- 16 3000 *FRUIT AND VEGETABLE MATERIALS, BASIC*
- 16 3100 *Fruits and Fruit Peels, Sulphured or in Brine*
- 16 3101 *Citron and citron peel*
- 16 3102 *Blackberries*
- 16 3103 *Cherries*
- 16 3104 *Currants*
- 16 3105 *Grapefruit pulp and peel*
- 16 3106 *Lemon peel*
- 16 3107 *Lime pulp and peel*
- 16 3108 *Orange pulp and peel*
- 16 3111 *Peaches*
- 16 3112 *Plums*
- 16 3113 *Raspberries*
- 16 3114 *Strawberries*
- 16 3199 *Fruits and fruit peel, sulphured or in brine, not elsewhere classified*
- 16 3400 *Chocolate Coatings*
- 16 3410 *Sweet*
- 16 3420 *Milk*
- 16 3430 *Plain*
- 16 3490 *Chocolate coatings, not elsewhere classified*
- 16 3900 *Fruit and Vegetable Materials, Basic, Not Elsewhere Classified*
- 16 4000 *FLOUR AND RELATED PRODUCTS*
- 16 4100 *Flour, Except Prepared*
- 16 4110 *Wheat flour*
- 16 4111 *Whole wheat and Graham flour*
- 16 4112 *White wheat flour*
  - 16 41121 *Hard wheat flour*
  - 16 41122 *Soft wheat flour (include cracker and biscuit)*
- 16 4120 *Rye flour*
- 16 4130 *Buckwheat flour*
- 16 4190 *Flour, except prepared, not elsewhere classified*
- 16 4200 *Flour, Prepared*
- 16 4300 *Meal, and Grain Mill Products, Except Flour*
- 16 4310 *Corn*
- 16 4390 *Meal, and grain mill products, except flour, not elsewhere classified*
- 16 4400 *Semolina and Farina*
- 16 5000 *RAW SUGAR AND INDUSTRIAL MOLASSES*
- 16 5100 *Raw Sugar*
- 16 5200 *Industrial Molasses*
- 16 5210 *Blackstrap molasses*
- 16 5220 *High-test or invert molasses*
- 16 5230 *Beet molasses*
- 16 5240 *Hydrol*

**FOOD AND BEVERAGE BASIC MATERIALS—Continued**

**RAW SUGAR AND INDUSTRIAL MOLASSES—Continued**

- 16 5300 *Edible Molasses*
- 16 5310 First molasses (centrifugal)
- 16 5320 Second molasses (centrifugal)
- 16 5330 Refiners' sirup

**MALT AND MALT EXTRACT**

- 16 6100 *Malt*
- 16 6110 Barley
- 16 6120 Rye
- 16 6130 Wheat
- 16 6190 Malt, not elsewhere classified
- 16 6200 *Malt Extract*
- 16 6210 Malt extract for use in the baking industry
- 16 6290 Malt extract, not elsewhere classified

**YEAST**

- 16 7000 *Bakers' Yeast*
- 16 7100 *Brewers' Yeast*
- 16 7200 *Yeast, Not Elsewhere Classified*

**HOP EXTRACT AND LUPULIN**

- 16 8000 *Hop Extract*
- 16 8200 *Lupulin*

**MISCELLANEOUS FOOD AND BEVERAGE BASIC MATERIALS**

- 16 9000 *Rice, Brown*
- 16 9100 *Rice, Brewers'*
- 16 9200 *Pectin*
- 16 9300 *Food and Beverage Basic Materials, Not Elsewhere Classified*

## MAJOR GROUP 17—OILS, FATS, WAXES, AND DERIVATIVES, ANIMAL AND VEGETABLE

- 17 0000 *OILS, FATS, WAXES, AND DERIVATIVES, ANIMAL AND VEGETABLE*
- 17 1000 *ANIMAL OILS AND FATS, EXCEPT MARINE, EDIBLE*
- 17 1100 *Lard*
- 17 1110 Prime steam
- 17 1120 Neutral
- 17 1130 Kettle rendered
- 17 1140 Rendered pork fat
- 17 1190 Lard, not elsewhere classified
- 17 1200 *Oleo Oil*
- 17 1300 *Oleo Stearin*
- 17 1400 *Beef and Mutton Tallow, Edible*
- 17 1500 *Oleo Stock (Premier Jus)*
- 17 1900 *Animal Oils and Fats, Except Marine, Edible, Not Elsewhere Classified*
- 17 2000 *ANIMAL OILS AND FATS, EXCEPT MARINE, INEDIBLE*
- 17 2100 *Wool Grease and Lanolin*
- 17 2110 Wool grease
- 17 2111 Containing 2 percent or less free fatty acids (not suitable for medicinal use)
- 17 2112 Containing more than 2 percent free fatty acids
- 17 2120 Lanolin (Wool fat), medicinal and technical)
- 17 2121 Adeps lanae, hydrous (Hydrous wool fat)
- 17 21211 Medicinal grade (Lanolin, m. g.)
- 17 21212 Technical grade
- 17 2122 Adeps lanae, anhydrous (Anhydrous wool fat)
- 17 21221 Medicinal grade (Refined wool fat, m. g.)
- 17 21222 Technical grade
- 17 2190 Wool grease and lanolin, not elsewhere classified
- 17 2200 *Tallow*
- 17 2210 Fancy, choice, prime and extra
- 17 2220 Special and No. 1
- 17 2230 No. 2 and lower
- 17 2240 Tallow stearin
- 17 2300 *Animal Fats and Greases*
- 17 2310 White grease
- 17 2311 Choice white
- 17 2312 A and B white
- 17 2320 Yellow grease
- 17 2330 Brown grease
- 17 2340 Grease stearin
- 17 2350 Fleshing grease (Glue grease)
- 17 2360 Pig-skin and pigs-foot grease
- 17 2370 Bone grease
- 17 2380 Tankage grease
- 17 2390 Miscellaneous fats and greases
- 17 2991 House grease
- 17 2992 Garbage grease
- 17 2999 Animal fats and greases, not elsewhere classified
- 17 2400 *Neat's-foot Oil*
- 17 2410 Neat's-foot oil stock
- 17 2420 Neat's-foot oil, pressed
- 17 2430 Neat's-foot stearin
- 17 2490 Neat's-foot oil, not elsewhere classified
- 17 2500 *Tallow Oil, Pressed*
- 17 2600 *Grease Oil, Pressed (Lard Oil)*
- 17 2900 *Animal Oils and Fats, Except Marine, Inedible, Not Elsewhere Classified*



OILS, FATS, WAXES, AND DERIVATIVES, ANIMAL AND  
VEGETABLE—Continued

17 3000	MARINE-ANIMAL OILS
17 3100	Body Oils
17 3110	Whale oils
17 3111	Sperm oil
	17 31111 Natural
	17 31112 Bleach 38
	17 31113 Bleach 45
	17 31119 Sperm oil, not elsewhere classified
17 3112	Whale oil, except sperm
	17 31121 Refined, natural
	17 31122 Winter bleach
	17 31129 Whale oil, except sperm, not elsewhere classified
17 3120	Seal oils
17 3121	Fur seal
17 3122	Seal oils, except fur seal
17 3130	Shark oil
17 3140	Alewife oil
17 3150	Herring oil
17 3160	Pilchard oil (Sardine oil)
17 3161	Crude
17 3162	Refined, alkali
17 3163	Pressed, light
17 3169	Pilchard oil (Sardine oil), not elsewhere classified
17 3170	Mackerel oil
17 3180	Menhaden oil
17 3181	Crude
17 3182	Refined, alkali
17 3183	Pressed, light
17 3189	Menhaden oil, not elsewhere classified
17 3190	Miscellaneous body oils
17 3191	Salmon oil
17 3192	Tuna oil
17 3199	Body oils, not elsewhere classified
17 3200	<i>Fish-Liver Oils</i>
17 3210	Shark liver oils
17 3211	Dogfish liver oil (Grayfish liver oil)
17 3212	Soupin liver oil
17 3219	Shark liver oils, not elsewhere classified
17 3220	Halibut liver oil
17 3230	"Lingcod" liver oil
17 3240	Sablefish liver oil
17 3250	Tuna liver oil
17 3260	Cod oil
17 3270	Cod liver oil, except medicinal grade
17 3280	"Sole" liver oil
17 3290	Miscellaneous fish-liver oils
17 3291	Jewfish liver oil
17 3292	Mackerel liver oil
17 3293	Red snapper liver oil
17 3294	Sea bass liver oil
17 3295	Flounder liver oil
17 3296	Totuava liver oil (White sea bass liver oil)
17 3297	Cabrilla liver oil
17 3298	Skate liver oil
17 3299	Fish-liver oils, not elsewhere classified
17 3300	<i>Fish Viscera Oils</i>
17 3310	Halibut viscera oil
17 3320	"Lingcod" viscera oil
17 3330	Sablefish viscera oil
17 3390	Fish viscera oils, not elsewhere classified
17 3900	<i>Marine-Animal Oils, Not Elsewhere Classified</i>
17 4000	VEGETABLE OILS, AND FATS, EXPRESSED OR EXTRACTED
17 4100	<i>Vegetable Oils, Nondrying</i>
17 4110	Olive oil
17 4111	Olive oil, edible
17 4112	Olive oil, inedible

*OILS, FATS, WAXES, AND DERIVATIVES, ANIMAL AND  
VEGETABLE*—Continued  
VEGETABLE OILS, AND FATS, EXPRESSED OR EXTRACTED—Continued  
*Vegetable Oils, Nondrying*—Continued

	Olive oil—Continued
17 4113	Olive oil, foots or sulfur oil
17 4119	Olive oil, not elsewhere classified
17 4120	Peanut oil (Groundnut oil)
17 4121	Crude or virgin
17 4122	Refined
17 4129	Peanut oil, not elsewhere classified
17 4130	Rapeseed oil (Colza oil)
17 4131	Denatured
17 4132	Rapeseed oil, except denatured
17 4140	Castor oil
17 4141	No. 1 crude
17 4142	No. 3 crude
17 4149	Castor oil, not elsewhere classified
17 4150	Palm oil
17 4160	Kapok oil
17 4170	Lauric acid oils
17 4171	Coconut oil
	17 41711 Crude
	17 41712 Refined
	17 41719 Coconut oil, not elsewhere classified
17 4172	Babassu oil
17 4173	Palm-kernel oil
	17 41731 Crude
	17 41732 Refined
	17 41739 Palm-kernel oil, not elsewhere classified
17 4174	Tucum oil
17 4175	Muru muru oil
17 4176	Ouricury oil
17 4177	Cohune oil
17 4179	Lauric acid oils, not elsewhere classified
17 4180	Cocoa butter
17 4190	Miscellaneous vegetable oils, nondrying
17 4191	Rice bran oil
17 4192	Teaseed oil
17 4193	Shea nut oil
17 5194	Jaboty butter or tallow
17 4195	Ochoco butter
17 4196	Ucuhuba vegetable tallow
17 4197	Almond kernel oil
17 4199	Vegetable oils, nondrying, not elsewhere classified
17 4200	<i>Vegetable Oils, Semi-drying</i>
17 4210	Cottonseed oil
17 4211	Crude
17 4212	Refined
17 4219	Cottonseed oil, not elsewhere classified
17 4220	Corn oil (Maize oil)
17 4221	Crude
17 4222	Refined
17 4229	Corn oil (Maize oil), not elsewhere classified
17 4230	Sunflower oil
17 4240	Sesame oil
17 4250	Soybean oil
17 4251	Crude
17 4252	Refined
17 4259	Soybean oil, not elsewhere classified
17 4260	Mustard seed oil
17 4270	Wheat-germ oil
17 4280	Apricot-kernel oil
17 4290	Vegetable oils, semi-drying, not elsewhere classified
17 4300	<i>Vegetable Oils, Drying</i>
17 4310	Linseed oil, raw
17 4320	Tung oil (China wood oil)

OILS, FATS, WAXES, AND DERIVATIVES, ANIMAL AND  
VEGETABLE—Continued

VEGETABLE OILS, AND FATS, EXPRESSED OR EXTRACTED—Continued  
*Vegetable Oils, Drying*—Continued

17 4330	Oiticica oil
17 4331	Liquid
17 4332	Solid
17 4339	Oiticica oil, not elsewhere classified
17 4340	Safflower oil
17 4350	Perilla oil
17 4351	Crude
17 4352	Refined
17 4359	Perilla, not elsewhere classified
17 4360	Hempseed oil
17 4370	Walnut oil
17 4380	Grape seed oil, including raisin seed oil
17 4390	Vegetable oils, drying, not elsewhere classified
17 4900	<i>Miscellaneous Vegetable Oils and Fats, Expressed or Extracted</i>
17 4910	Vegetable tallow
17 4990	Vegetable oils and fats, expressed or extracted, not elsewhere classified
17 5000	ESSENTIAL OILS
17 5001	Almond, bitter
	17 50011 Almond, bitter, m. g.
	17 50012 Almond, bitter, free from prussic acid
	17 50019 Almond, bitter, not elsewhere classified
17 5002	Amber oil
	17 50021 Amber oil, crude
	17 50022 Amber oil, rectified
	17 50029 Amber oil, not elsewhere classified
17 5003	Ambrette seed oil
17 5004	Amyris oil (West Indian sandalwood oil)
17 5005	Angelica root oil
17 5006	Angelica seed oil
17 5007	Anise oil
	17 50071 Star, m. g.
	17 50072 Russian, m. g.
	17 50079 Anise oil, not elsewhere classified
17 5008	Balsam oils
	17 50081 Copaiba balsam oil, m. g.
	17 50082 Gurjon balsam oil
	17 50083 Peru balsam oil
	17 50084 Styrax oil
	17 50085 Tolu balsam oil
	17 50089 Balsam oils, not elsewhere classified
17 5011	Basil, sweet, oil
17 5012	Bay oil
	17 50121 Bay oil, m. g.
	17 50122 Bay oil, terpeneless
	17 50129 Bay oil, not elsewhere classified
17 5013	Bergamot oil
	17 50131 Bergamot oil, m. g.
	17 50132 Bergamot oil, rectified
	17 50133 Bergamot oil, terpeneless
	17 50139 Bergamot oil, not elsewhere classified
17 5014	Birch, sweet (Betula oil)
	17 50141 Birch, sweet, m. g., Northern
	17 50142 Birch, sweet, m. g., Southern
	17 50149 Birch, sweet (Betula oil), not elsewhere classified
17 5015	Birch tar oil
	17 50151 Crude
	17 50152 Rectified, m. g.
	17 50159 Birch tar oil, not elsewhere classified
17 5016	Bois de rose oil
	17 50161 Brazilian
	17 50162 Cayenne
	17 50169 Bois de rose oil, not elsewhere classified
17 5017	Cade or juniper tar oil, m. g.



*OILS, FATS, WAXES, AND DERIVATIVES, ANIMAL AND  
VEGETABLE*—Continued  
ESSENTIAL OILS—Continued

- 17 5018      Cajeput (Cajuput) oil
  - 17 50181    Cajeput oil, copper free
  - 17 50182    Cajeput oil, native or technical
  - 17 50189    Cajeput (Cajuput) oil, not elsewhere classified
- 17 5021      Calamus oil
- 17 5022      Camphor oils
  - 17 50221    Camphor oil, light
  - 17 50222    Camphor oil, sassafrassy
  - 17 50223    Camphor oil, S. G. 1.07 (Artificial sassafras)
  - 17 50229    Camphor oils, not elsewhere classified
- 17 5023      Cananga oil
  - 17 50231    Native
  - 17 50232    Rectified
  - 17 50239    Cananga oil, not elsewhere classified
- 17 5024      Caraway oil
  - 17 50241    Caraway oil, m. g.
  - 17 50242    Caraway oil, terpeneless
  - 17 50249    Caraway oil, not elsewhere classified
- 17 5025      Cardamon oil, m. g.
- 17 5026      Carrot seed oil
- 17 5027      Cascarilla oil
- 17 5028      Cassia oil
  - 17 50281    Cassia oil, m. g. (Cinnamon oil)
  - 17 50282    Cassia oil, terpeneless
  - 17 50289    Cassia oil, not elsewhere classified
- 17 5031      Catnip oil
- 17 5032      Cedar leaf oil
  - 17 50321    Cedar leaf, m. g. (Thuja oil)
  - 17 50322    Cedar leaf oil, technical
  - 17 50329    Cedar leaf oil, not elsewhere classified
- 17 5033      Cedar wood oil
  - 17 50331    Microscopic, for immersion
  - 17 50332    Microscopic, for clearing
  - 17 50333    Terpeneless
  - 17 50339    Cedar wood oil, not elsewhere classified
- 17 5034      Celery seed oil
- 17 5035      Chamomile oil
  - 17 50351    German
  - 17 50352    Roman
  - 17 50359    Chamomile oil, not elsewhere classified
- 17 5036      Chenopodium oil, m. g. (Wormseed oil, American)
- 17 5037      Cherry laurel oil
  - 17 50371    Natural
  - 17 50372    Free from prussic acid
  - 17 50379    Cherry laurel oil, not elsewhere classified
- 17 5038      Cinnamon bark oil
  - 17 50381    Ceylon
  - 17 50382    Seychelles
  - 17 50389    Cinnamon bark oil, not elsewhere classified
- 17 5041      Cinnamon leaf oil
- 17 5042      Citronella oil
  - 17 50421    Ceylon type
  - 17 50422    Java type
  - 17 50429    Citronella oil, not elsewhere classified
- 17 5043      Clove bud oil
  - 17 50431    Clove bud oil, m. g.
  - 17 50432    Clove bud oil, double distilled, m. g.
  - 17 50433    Clove bud oil, terpeneless
  - 17 50439    Clove bud oil, not elsewhere classified
- 17 5044      Clove stem and leaf oil
- 17 5045      Coriander oil
  - 17 50451    Coriander oil, m. g.
  - 17 50452    Coriander oil, terpeneless
  - 17 50459    Coriander oil, not elsewhere classified

OILS, FATS, WAXES, AND DERIVATIVES, ANIMAL AND  
VEGETABLE—Continued  
ESSENTIAL OILS—Continued

17 5046	Cornmint oil
17 5047	Cubeb oil
17 5048	Cumin oil
17 5051	Cypress oil
17 5052	Dill seed oil
17 5053	Dill weed oil
17 5054	Elemi oil
17 5055	Erigeron oil (Fleabane oil)
17 5056	Estragon oil (Tarragon oil)
17 5057	Eucalyptus oil
	17 50571 Eucalyptus oil, 70-75% eucalyptol, m. g.
	17 50572 Eucalyptus oil, 80-85% eucalyptol, m. g.
	17 50579 Eucalyptus oil, not elsewhere classified
17 5058	Fennel oil
	17 50581 Sweet, m. g.
	17 50582 Bitter
	17 50589 Fennel oil, not elsewhere classified
17 5061	Geranium oil
	17 50611 Algerian and African
	17 50612 Bourbon, Reunion and Madagascar
	17 50613 Terpeneless
	17 50619 Geranium oil, not elsewhere classified
17 5062	Ginger oil
	17 50621 Ginger oil, m. g.
	17 50622 Ginger oil, terpeneless
	17 50629 Ginger oil, not elsewhere classified
17 5063	Grapefruit oil
	17 50631 Expressed
	17 50632 Terpeneless
	17 50633 Distilled
	17 50639 Grapefruit oil, not elsewhere classified
17 5064	Guaiac wood oil
17 5065	Hemlock oil
17 5066	Ho oil (Shiu oil)
17 5067	Hops oil
17 5068	Hyssop oil
17 5071	Juniper oil (Juniper berry oil)
	17 50711 Imported, m. g.
	17 50712 Domestic, m. g.
	17 50713 Terpeneless
	17 50719 Juniper oil, not elsewhere classified
17 5072	Labdanum oil
17 5073	Laurel leaf oil
17 5074	Lavandin oil
17 5075	Lavender oil (Lavender flower oil)
	17 50751 Lavender oil, m. g.
	17 50752 Lavender oil, terpeneless
	17 50759 Lavender oil (Lavender flower oil), not else- where classified
17 5076	Lemon oil
	17 50761 Expressed, domestic, m. g.
	17 50762 Expressed, imported, m. g.
	17 50763 Distilled, domestic
	17 50764 Distilled, imported
	17 50765 Terpeneless
	17 50769 Lemon oil, not elsewhere classified
17 5077	Lemongrass oil
	17 50771 Native
	17 50772 Rectified
	17 50779 Lemongrass oil, not elsewhere classified
17 5078	Lime oil
	17 50781 Distilled
	17 50782 Distilled, terpeneless
	17 50783 Expressed

OILS, FATS, WAXES, AND DERIVATIVES, ANIMAL AND  
VEGETABLE—Continued

ESSENTIAL OILS—Continued

Lime oil—Continued

- 17 50784 Expressed, terpeneless
- 17 50789 Lime oil, not elsewhere classified
- 17 5081 Linaloe (Lignaloe) oil
  - 17 50811 Linaloe seed oil
  - 17 50812 Linaloe wood oil
  - 17 50819 Linaloe (Lignaloe) oil, not elsewhere classified
- 17 5082 Lovage oil
- 17 5083 Mace oil
- 17 5084 Mandarin oil
  - 17 50841 Mandarin oil, terpeneless
  - 17 50849 Mandarin oil, except terpeneless
- 17 5085 Marjoram oil
- 17 5086 Mastic oil
- 17 5087 Mountain laurel oil
- 17 5088 Mustard oil
- 17 5091 Myrrh oil
- 17 5092 Myrtle oil
- 17 5093 Neroli oil (Orange flower oil)
  - 17 50931 Bigarade, m. g.
  - 17 50932 Portugal
  - 17 50939 Neroli oil (Orange flower oil), not elsewhere classified
- 17 5094 Niaouli oil
- 17 5095 Nutmeg oil
  - 17 50951 Nutmeg oil, m. g.
  - 17 50952 Nutmeg oil, terpeneless
  - 17 50959 Nutmeg oil, not elsewhere classified
- 17 5096 Olibanum oil
- 17 5097 Opopanax oil
- 17 5098 Orange oil
  - 17 50981 Orange, bitter, m. g.
  - 17 50982 Orange oil, sweet, expressed, domestic, m. g.
  - 17 50983 Orange oil, sweet, expressed, imported, m. g.
  - 17 50984 Orange oil, sweet, distilled, domestic
  - 17 50985 Orange oil, sweet, distilled, imported
  - 17 50986 Orange oil, terpeneless
  - 17 50989 Orange oil, not elsewhere classified
- 17 5101 Origanum oil
- 17 5102 Orris oil (Orris root oil)
- 17 5103 Palmarosa oil (East Indian geranium oil)
- 17 5104 Parsley leaf oil
- 17 5105 Parsley seed oil
- 17 5106 Patchouli (Patchouly) oil
- 17 5107 Pennyroyal oil, American (Hedeoma oil)
- 17 5108 Pennyroyal oil, European
- 17 5111 Pepper oil
- 17 5112 Peppermint oil
  - 17 51121 Peppermint oil, natural
  - 17 51122 Peppermint oil, m. g.
  - 17 51123 Peppermint oil, concentrated
  - 17 51124 Peppermint oil, terpeneless
  - 17 51129 Peppermint oil, not elsewhere classified
- 17 5113 Petitgrain (Pettigrain) oil
  - 17 51131 Algerian
  - 17 51132 South American
  - 17 51133 Terpeneless
  - 17 51139 Petitgrain (Pettigrain) oil, not elsewhere classified
- 17 5114 Pimenta (Pimento) berry (Allspice oil), m. g.
- 17 5115 Pimenta (Pimento) leaf oil
- 17 5116 Pine needle oils
  - 17 51161 Abies alba oil
  - 17 51162 Abies sibirica oil



OILS, FATS, WAXES, AND DERIVATIVES, ANIMAL AND  
VEGETABLE—Continued

ESSENTIAL OILS—Continued

Pine needle oils—Continued

- 17 51163 Terpeneless
- 17 51169 Pine needle oils, not elsewhere classified
- 17 5117 Pinus pumilio oil (Dwarf pine needle oil), m. g.
- 17 5118 Pinus sylvestris oil
- 17 5121 Rose oil (Otto or attar of roses)
- 17 5122 Rosemary oil
  - 17 51221 Rosemary oil, m. g.
  - 17 51222 Rosemary oil, industrial or technical
  - 17 51229 Rosemary oil, not elsewhere classified
- 17 5123 Rosewood oil
- 17 5124 Rue oil
- 17 5125 Sage oil
  - 17 51251 Sage clary oil
  - 17 51252 Sage oil, Dalmatian
  - 17 51253 Sage oil, Spanish
  - 17 51259 Sage oil, not elsewhere classified
- 17 5126 Sandalwood oil
  - 17 51261 Sandalwood oil, m. g.
  - 17 51262 Sandalwood oil, except m. g.
- 17 5127 Sassafras, natural, oil, m. g.
- 17 5128 Savin oil
- 17 5131 Savory oil
- 17 5132 Snakeroot, Canada, oil
- 17 5133 Spearmint oil
  - 17 51331 Spearmint oil, m. g.
  - 17 51332 Spearmint oil, terpeneless
  - 17 51339 Spearmint oil, not elsewhere classified
- 17 5134 Spike lavender oil
  - 17 51341 Spike lavender oil, pure
  - 17 51342 Spike lavender oil, technical
  - 17 51349 Spike lavender oil, not elsewhere classified
- 17 5135 Spruce oil
- 17 5136 Tangerine oil
- 17 5137 Tansy oil
- 17 5138 Tar, rectified, oil, m. g.
- 17 5141 Tea (Ti) tree oil
- 17 5142 Templin oil
- 17 5143 Thyme oil
  - 17 51431 Thyme oil, red, m. g.
  - 17 51432 Thyme oil, white, m. g.
  - 17 51439 Thyme oil, not elsewhere classified
- 17 5144 Turpentine oil, m. g.
  - 17 51441 Turpentine oil (spirits of turpentine)
  - 17 51442 Turpentine oil, rectified
  - 17 51449 Turpentine oil, m. g., not elsewhere classified
- 17 5145 Valerian oil
- 17 5146 Verbena oil
- 17 5147 Vetiver (Vetivert) oil
  - 17 51471 Vetiver oil, Bourbon and Reunion
  - 17 51472 Vetiver oil, Java
  - 17 51479 Vetiver (Vetivert) oil, not elsewhere classified
- 17 5148 Wintergreen oil (Gaultheria oil)
  - 17 51481 Wintergreen oil, m. g., Northern
  - 17 51482 Wintergreen oil, m. g., Southern
  - 17 51489 Wintergreen oil (Gaultheria oil), not elsewhere classified
- 17 5151 Wormwood oil
- 17 5152 Ylang ylang oil
  - 17 51521 Ylang ylang oil, Bourbon and Reunion
  - 17 51522 Ylang ylang oil, Manila
  - 17 51529 Ylang ylang oil, not elsewhere classified
- 17 5999 Essential oils, not elsewhere classified

OILS, FATS, WAXES, AND DERIVATIVES, ANIMAL AND VEGETABLE—Continued

- 17 6000 FLORAL ABSOLUTES, CONCRETES AND MIXTURES OF ESSENTIAL AND FLORAL OILS
- 17 6100 *Floral Absolutes*
- 17 6101 Cassia
- 17 6102 Gardenia
- 17 6103 Genet
- 17 6104 Geranium
- 17 6105 Jasmine
- 17 6106 Jonquille
- 17 6107 Labdanum
- 17 6108 Lavender
- 17 6111 Lily
- 17 6112 Mimosa
- 17 6113 Oak moss (Mousse de chene)
- 17 6114 Orange flower
- 17 6115 Orris
- 17 6116 Rose
- 17 6117 Sage clary (Sauge sclaree)
- 17 6118 Tuberose
- 17 6121 Violet
- 17 6122 Ylang ylang
- 17 6199 Floral absolutes, not elsewhere classified
- 17 6200 *Floral Concretos*
- 17 6201 Cassia
- 17 6202 Gardenia
- 17 6203 Genet
- 17 6204 Geranium
- 17 6205 Jasmine
- 17 6206 Jonquille
- 17 6207 Labdanum
- 17 6208 Lavender
- 17 6211 Lily
- 17 6212 Mimosa
- 17 6213 Oak moss (Mousse de chene)
- 17 6214 Orange flower
- 17 6215 Orris
- 17 6216 Rose
- 17 6217 Sage clary (Sauge sclaree)
- 17 6218 Tuberose
- 17 6221 Violet
- 17 6222 Ylang ylang
- 17 6299 Floral concretos, not elsewhere classified
- 17 6300 *Mixtures of Essential and Floral Oils, Natural and Synthetic*
- 17 6301 For flavors
- 17 6302 For perfumes and toilet waters
- 17 6303 For cosmetics
- 17 6304 For disinfectants
- 17 6305 For soap
- 17 6308 Specialty bases
- 17 6399 Mixtures of essential and floral oils, natural and synthetic, not elsewhere classified
- 17 7000 WAXES, ANIMAL AND VEGETABLE
- 17 7100 *Beeswax*
- 17 7110 Crude
- 17 7120 Refined
- 17 7130 Bleached
- 17 7190 Beeswax, not elsewhere classified
- 17 7200 *Candelilla Wax*
- 17 7300 *Carnauba Wax*
- 17 7310 Yellow No. 1
- 17 7320 Yellow No. 2
- 17 7330 N. C., refined
- 17 7340 N. C., anhydrous
- 17 7350 N. C., No. 2
- 17 7360 No. 3, chalky
- 17 7390 Carnauba wax, not elsewhere classified
- 17 7400 *Japan Wax*

OILS, FATS, WAXES, AND DERIVATIVES, ANIMAL AND  
VEGETABLE—Continued

WAXES, ANIMAL AND VEGETABLE—Continued

- 17 7500 *Myrtle (Bayberry Wax)*
- 17 7600 *Ouricury Wax*
- 17 7700 *Spermaceti Wax*
- 17 7800 *Jojoba Oil*
- 17 7900 *Waxes, Animal and Vegetable, Not Elsewhere Classified*
- 17 8000 **SHORTENING**
- 17 8100 *Vegetable*
- 17 8110 *Hydrogenated*
- 17 8120 *Standard (hardened with hydrogenated base stock)*
- 17 8200 *Vegetable and Animal (Include Marine Animal)*
- 17 8900 *Shortening, Not Elsewhere Classified*
- 17 9000 **MISCELLANEOUS OILS, FATS, WAXES, AND DERIVATIVES, ANIMAL AND**
- 17 9100 **VEGETABLE**
- 17 9100 *Winterized Products*
- 17 9110 *Winterized vegetable oil*
- 17 9120 *Vegetable winter stearin*
- 17 9200 *Salts Derived from Fatty Oils, Fats, Waxes or Fatty Acids, Except*  
*Alkali Soaps and Paint Driers*
- 17 9300 *Chemically Modified Oils, Fats, Waxes and Fatty Acids*
- 17 9310 *Hydrogenated oils, fats and waxes*
- 17 9311 *Vegetable oils*
- 17 9312 *Animal oils and fats*
- 17 9313 *Marine animal oils*
- 17 9319 *Hydrogenated oils, fats and waxes, not elsewhere classified*
- 17 9320 *Sulfurized or vulcanized oils, fats, waxes and fatty acids*
- 17 9330 *Dehydrated castor oil*
- 17 9340 *Sulfated or sulfonated oils, fats, waxes and fatty acids*
- 17 9341 *Animal oils and fats, sulfated or sulfonated*
  - 17 93411 *Tallow, sulfated or sulfonated*
  - 17 93412 *Neat's-foot oil, sulfated or sulfonated*
  - 17 93419 *Animal oils and fats, sulfated or sulfonated, not*  
*elsewhere classified*
- 17 9342 *Marine animal oils, sulfated or sulfonated*
  - 17 93421 *Cod oil, sulfated or sulfonated*
  - 17 93422 *Herring oil, sulfated or sulfonated*
  - 17 93423 *Sperm oil, sulfated or sulfonated*
  - 17 93429 *Marine animal oils, sulfated or sulfonated, not*  
*elsewhere classified*
- 17 9343 *Vegetable oils, sulfated or sulfonated*
  - 17 934310 *Corn oil, sulfated or sulfonated*
  - 17 934320 *Peanut oil, sulfated or sulfonated*
  - 17 934330 *Soy bean oil, sulfated or sulfonated*
  - 17 934340 *Cottonseed oil, sulfated or sulfonated*
  - 17 934350 *Coconut oil, sulfated or sulfonated*
  - 17 934360 *Olive oil, sulfated or sulfonated*
  - 17 934361 *50 percent (40 percent fat)*
  - 17 934362 *35 percent (63 percent fat)*
  - 17 934363 *80 percent (68 percent fat)*
  - 17 934370 *Castor oil, sulfated or sulfonated*
  - 17 934371 *50 percent (43 percent fat)*
  - 17 934372 *75 percent (63 percent fat)*
  - 17 934373 *80 percent (68 percent fat)*
  - 17 934390 *Vegetable oils, sulfated or sulfonated, not else-*  
*where classified*
- 17 9344 *Animal and vegetable waxes, sulfated or sulfonated*
- 17 9345 *Fatty acids, sulfated or sulfonated*
  - 17 93451 *Oleic acid (Red oil), sulfated or sulfonated*
  - 17 93452 *Fatty acids, sulfated or sulfonated, except oleic*  
*acid*
- 17 9350 **Blown oils**
- 17 9351 *Rapeseed oil, blown*
- 17 9352 *Castor oil, blown*
- 17 9353 *Linseed oil, blown*
- 17 9354 *Soybean oil, blown*
- 17 9355 *Sardine oil, blown*



**OILS, FATS, WAXES, AND DERIVATIVES, ANIMAL AND VEGETABLE—Continued**

**MISCELLANEOUS OILS, FATS, WAXES, AND DERIVATIVES, ANIMAL AND VEGETABLE—Continued**

***Chemically Modified Oils, Fats, Waxes and Fatty Acids—Continued***

**Blown oils—Continued**

- 17 9356 Neat's-foot oil, blown
- 17 9357 Menhaden oil, blown
- 17 9359 Miscellaneous oils and waxes, blown
  - 17 93591 Vegetable oils, blown
  - 17 93592 Marine animal oils, blown
  - 17 93599 Blown oils, not elsewhere classified

**Boiled oils**

- 17 9360 Soybean oil, boiled
- 17 9361 Linseed oil, boiled
- 17 9362 Boiled oils, not elsewhere classified

**Bodied oils**

- 17 9370 Linseed oil, bodied
- 17 9371 Soybean oil, bodied
- 17 9372 Perilla oil, bodied
- 17 9373 Menhaden oil, bodied
- 17 9374 Sardine oil, bodied
- 17 9375 Bodied oils, not elsewhere classified

**Chemically modified oils, fats, waxes and fatty acids, not elsewhere classified**

- 17 9400 *Oils, Animal and Vegetable, Containing Alcohol*

17 9410 Grease and rendered animal oil

17 9420 Expressed and extracted oils

17 9430 Essential or distilled oils

***Foots (Soap Stock)***

**Raw foots**

- 17 9510 Raw foots of animal oils and fats
- 17 9511 Raw foots of vegetable oils
- 17 9512 Raw foots of marine animal oils
- 17 9513 Raw foots of mixed oils and/or fats

**Acidulated foots**

- 17 9520 Acidulated foots of animal oils and fats
- 17 9521 Acidulated foots of vegetable oils
- 17 9522 Acidulated foots of marine animal oils
- 17 9523 Acidulated foots of mixed oils and/or fats

**Boiled down foots**

- 17 9530 Boiled down foots of vegetable oils
- 17 9531 Boiled down foots, not elsewhere classified

**Foots (Soap stock), not elsewhere classified**

***Fatty Acids***

- 17 9600 Oleic acid (Red oil)
- 17 9610 Stearic acid
- 17 9620 Vegetable oil fatty acids from lauric acid oils
- 17 9630 Vegetable oil fatty acids from oils except lauric acid oils
- 17 9640 Animal oil and fat fatty acids
- 17 9650 Marine animal oil fatty acids
- 17 9660 Tall oil fatty acids
- 17 9670 Hydrogenated fatty acids
- 17 9680 Fatty acids, not elsewhere classified

***Pitch from Fatty Acids***

***Spent and Salvaged Oils and Fats***

***Oils, Fats, Waxes and Derivatives, Animal and Vegetable, Not Elsewhere Classified***

- 17 9910 Mixtures of animal, vegetable, fish oils, waxes, with or without mineral oils, with or without other substances

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## MAJOR GROUP 18—PETROLEUM AND COAL PRODUCTS, EXCEPT RAW MATERIALS FOR CHEMICAL INDUSTRIES

18 0000	<i>PETROLEUM AND COAL PRODUCTS, EXCEPT RAW MATERIALS FOR CHEMICAL INDUSTRIES</i>	
18 1000	GASES, INCLUDING LIQUEFIED PETROLEUM GASES	
18 1100	<i>Hydrocarbon Gases</i>	
18 1101	Methane	
18 1102	Ethane	
18 1103	Ethylenc, including alcohol-derived	
18 1104	Propane	
	18 11041	Gas
	18 11042	Liquid
18 1105	Propylene	
	18 11051	Gas
	18 11052	Liquid
18 1106	Butane	
	18 11061	Gas
	18 11062	Liquid
18 1107	Isobutane	
	18 11071	Gas
	18 11072	Liquid
18 1108	Butenes (butylenes)	
	18 11081	Gas
	18 11082	Liquid
18 1111	Isobutene (isobutylene)	
	18 11111	Gas
	18 11112	Liquid
18 1112	Propane-butane mixtures	
	18 11121	Gas
	18 11122	Liquid
18 1113	Butane-isobutane mixtures	
	18 11131	Gas
	18 11132	Liquid
18 1114	BB cut (butane-butene mixtures)	
	18 11141	Gas
	18 11142	Liquid
18 1115	Still gases	
18 1190	Miscellaneous hydrocarbon gases	
18 1191	Liquefied petroleum gas	
18 1199	Hydrocarbon gases, not elsewhere classified	
18 1200	<i>Manufactured Gases (Heating and Illuminating)</i>	
18 1210	Blast-furnace gas	
18 1220	Blau gas	
18 1230	Coal gas	
18 1240	Coke-oven gas	
18 1250	Oil gas	
18 1260	Pintsch gas	
18 1270	Producer gas	
18 1280	Water gas	
18 1281	Carbureted	
18 1282	Water gas, except carbureted	
18 1290	Miscellaneous manufactured gases (heating and illuminating)	
18 1291	Manufactured natural-gas mixtures	
18 1299	Manufactured gases (heating and illuminating), not elsewhere classified	
18 2000	GASOLINE AND LIQUID HYDROCARBON COMPONENTS	
18 2100	<i>Aviation Gasoline</i>	
18 2110	Over 99 octane number	
18 2120	Over 87 through 99 octane number	
18 2130	87 octane number and under	



**PETROLEUM AND COAL PRODUCTS, EXCEPT RAW MATERIALS  
FOR CHEMICAL INDUSTRIES—Continued**

**GASOLINE AND LIQUID HYDROCARBON COMPOUNDS—Continued**

18 2200	<i>Automotive Gasoline</i>
18 2210	Over 78 octane number
18 2220	78 octane number and under
18 2300	<i>Gasoline Blending Agents</i>
18 2310	Paraffins
18 2311	Pentane
18 2312	Isopentane
18 2313	Isooctanes
18 2314	Hydropolymers
18 2315	Hydrocodimer
18 2316	Alkylate
18 2320	Olefins
18 2321	Pentenenes (Amylenes)
18 2322	Diisobutylene
18 2323	Codimer
18 2330	Aromatics
18 2331	Motor benzol
	18 23311 Motor benzol (coal-derived)
	18 23312 Motor benzol (petroleum-derived)
18 2332	Benzol, except motor benzol
18 2333	Cumene
18 2390	Gasoline blending agents, not elsewhere classified
18 3000	<b>NAPHTHA SOLVENTS AND FINISHED LIGHT PRODUCTS (PETROLEUM-DE- RIVED)</b>
18 3100	<i>Petroleum Ether</i>
18 3200	<i>Lacquer Diluent</i>
18 3300	<i>Mineral Spirits</i>
18 3400	<i>Cleaners' Naphtha</i>
18 3500	<i>V. M. and P. Naphtha (Varnish Makers' and Painters')</i>
18 3600	<i>Rubber Solvent</i>
18 3700	<i>Stoddard Solvent</i>
18 3800	<i>Aromatic Solvents</i>
18 3900	<i>Naphtha, Solvents and Finished Light Products (Petroleum-De- rived), Not Elsewhere Classified</i>
18 4000	<b>KEROSENE</b>
18 4100	<i>Illuminating Oil</i>
18 4200	<i>Range Oil</i>
18 4900	<i>Kerosene, Not Elsewhere Classified</i>
18 5000	<b>FUEL OILS</b>
18 5100	<i>Distillate Fuel Oils</i>
18 5110	Heating oils, distillate
18 5111	Heating oil No. 1
18 5112	Heating oil No. 2
18 5113	Heating oil No. 3
18 5114	Heating oil No. 4
18 5120	Diesel fuel oil
18 5121	Automotive type (for high-speed engines)
	18 51211 50 cetane number and over
	18 51212 Under 50 cetane number
18 5122	Marine type (for slow-speed engines)
18 5130	Gas oil
18 5140	Tractor fuel oil
18 5190	Distillate fuel oils, not elsewhere classified
18 5200	<i>Residual Fuel Oils</i>
18 5210	Heating oils, residual
18 5211	Heating oil No. 5 (include Navy grade)
18 5212	Heating oil No. 6
18 5220	Bunker C oil
18 5290	Residual fuel oils, not elsewhere classified
18 6000	<b>LUBRICATING OILS AND GREASES</b>
18 6100	<i>Finished Lubricating Oils</i>
18 6101	Aviation
18 6102	Automotive
18 6103	Heavy duty
18 6104	Insulating and transformer

**PETROLEUM AND COAL PRODUCTS, EXCEPT RAW MATERIALS  
FOR CHEMICAL INDUSTRIES—Continued**

**LUBRICATING OILS AND GREASES—Continued**

*Finished Lubricating Oils—Continued*

- 18 6105 Spindle
- 18 6106 Hydraulic
- 18 6107 Turbine
- 18 6108 Cylinder
- 18 6111 Cutting
- 18 6112 White oil, except medicinal grade
  - 18 61121 Technical
  - 18 61129 White oil, except medicinal grade, not elsewhere classified
- 18 6199 Finished lubricating oils, not elsewhere classified
- 18 6200 *Lubricating Oil Base Stocks*
- 18 6210 Pennsylvania type
  - 18 6211 Light neutrals (100 S. U. V. and under at 100° F.)
  - 18 6212 Medium neutrals (over 100 through 250 S. U. V. at 100° F.)
  - 18 6213 Heavy neutrals (over 250 S. U. V. at 100° F.)
  - 18 6214 Residual stocks (cylinder or bright stocks)
- 18 6220 Mid-Continent type
  - 18 6221 Light neutrals (100 S. U. V. and under at 100° F.)
  - 18 6222 Medium neutrals (over 100 through 250 S. U. V. at 100° F.)
  - 18 6223 Heavy neutrals (over 250 S. U. V. at 100° F.)
  - 18 6224 Residual stocks (cylinder or bright stocks)
- 18 6230 Coastal type
  - 18 6231 Light distillates, red or pale (100 S. U. V. and under at 100° F.)
  - 18 6232 Medium distillates, red or pale (over 100 through 500 S. U. V. at 100° F.)
  - 18 6233 Heavy and extra-heavy distillates, red or pale (over 500 S. U. V. at 100° F.)
- 18 6234 Residuals
- 18 6290 Lubricating oil base stocks, not elsewhere classified.

*Lubricating Greases*

**PETROLEUM ASPHALTS AND ROAD OILS**

*Petroleum Asphalts*

- 18 7110 200 penetration and over (ASTM No. D5-25)
- 18 7120 Less than 200 penetration (ASTM No. D5-25)
- 18 7130 Cut-back asphalts
- 18 7190 Petroleum asphalts, not elsewhere classified

*Road Oils*

*Petroleum Asphalts and Road Oils, Not Elsewhere Classified*

**COKE, EXCEPT PITCH OF TAR COKE**

*By-Product Coke*

- 18 8200 Retort Coke (Gas-House Coke)
- 18 8300 Bee-Hive Coke
- 18 8400 Petroleum Coke
- 18 8900 Coke, Not Elsewhere Classified

**MISCELLANEOUS PETROLEUM AND COAL PRODUCTS, EXCEPT RAW MATERIALS FOR CHEMICAL INDUSTRIES**

*Petroleum Waxes*

- 18 9100 Paraffin wax (viscosity less than 5.75 centistokes)
- 18 9111 Crude scale
- 18 9112 Refined
- 18 9120 Petrolatum, except medicinal grade (viscosity greater than 5.75 centistokes; needle penetration greater than 60, ASTM No. D5-25)
- 18 9130 Microcrystalline (viscosity greater than 5.75 centistokes; needle penetration less than 60, ASTM No. D5-25)
- 18 9190 Petroleum waxes, not elsewhere classified
- 18 9200 *Fuel Briquettes, Except Charcoal*
- 18 9210 Not packaged
- 18 9220 Packaged
- 18 9300 *Unfinished Oils*
- 18 9900 *Petroleum and Coal Products, Except Raw Materials for Chemical Industries, Not Elsewhere Classified (Include Acid Sludge and Acid Oil)*

# THE HISTORY OF THE CITY OF NEW YORK

1789	Population of New York City	33,000
1790	Population of New York City	34,000
1791	Population of New York City	35,000
1792	Population of New York City	36,000
1793	Population of New York City	37,000
1794	Population of New York City	38,000
1795	Population of New York City	39,000
1796	Population of New York City	40,000
1797	Population of New York City	41,000
1798	Population of New York City	42,000
1799	Population of New York City	43,000
1800	Population of New York City	44,000
1801	Population of New York City	45,000
1802	Population of New York City	46,000
1803	Population of New York City	47,000
1804	Population of New York City	48,000
1805	Population of New York City	49,000
1806	Population of New York City	50,000
1807	Population of New York City	51,000
1808	Population of New York City	52,000
1809	Population of New York City	53,000
1810	Population of New York City	54,000
1811	Population of New York City	55,000
1812	Population of New York City	56,000
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1817	Population of New York City	61,000
1818	Population of New York City	62,000
1819	Population of New York City	63,000
1820	Population of New York City	64,000
1821	Population of New York City	65,000
1822	Population of New York City	66,000
1823	Population of New York City	67,000
1824	Population of New York City	68,000
1825	Population of New York City	69,000
1826	Population of New York City	70,000
1827	Population of New York City	71,000
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1837	Population of New York City	81,000
1838	Population of New York City	82,000
1839	Population of New York City	83,000
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1848	Population of New York City	92,000
1849	Population of New York City	93,000
1850	Population of New York City	94,000
1851	Population of New York City	95,000
1852	Population of New York City	96,000
1853	Population of New York City	97,000
1854	Population of New York City	98,000
1855	Population of New York City	99,000
1856	Population of New York City	100,000



## MAJOR GROUP 19.—CHEMICALS <sup>1</sup>

19 000000	CHEMICALS
19 100000	BASIC INORGANIC CHEMICALS AND CHEMICAL PRODUCTS
19 110000	Heavy Chemicals
19 111000	Acids
19 111100	Hydrochloric acid (Muriatic acid)
19 111110	Hydrochloric acid, 18° Bé
19 111120	Hydrochloric acid, 20° Bé
19 111130	Hydrochloric acid, 22° Bé, anhydrous
19 111190	Hydrochloric acid, not elsewhere classified
19 111200	Hydrofluoric acid
19 111210	Hydrofluoric acid, 30 percent
19 111220	Hydrofluoric acid, 48 percent
19 111230	Hydrofluoric acid, 52 percent
19 111240	Hydrofluoric acid, 60 percent
19 111250	Hydrofluoric acid, 80 percent
19 111260	Hydrofluoric acid, anhydrous
19 111290	Hydrofluoric acid, not elsewhere classified
19 111300	Nitric acid
19 111310	Nitric acid, 36° Bé
19 111320	Nitric acid, 38° Bé
19 111330	Nitric acid, 40° Bé
19 111340	Nitric acid, 42° Bé
19 111390	Nitric acid, not elsewhere classified
19 111400	Phosphoric acid
19 111410	Phosphoric acid, 50 percent
19 111420	Phosphoric acid, 75 percent
19 111430	Phosphoric acid, 85 percent
19 111490	Phosphoric acid, not elsewhere classified
19 111500	Sulfamic acid
19 111600	Sulfuric acid
19 111610	Chamber process sulfuric acid
19 111611	Sulfuric acid, 50° Bé
19 111612	Sulfuric acid, 60° Bé
19 111613	Sulfuric acid, 66° Bé
19 111619	Chamber process sulfuric acid, not elsewhere classified
19 111620	Contact process sulfuric acid
19 111621	Oleums
	19 1116211 Oleum, 20 percent free sulfur trioxide
	19 1116212 Oleum, 40 percent free sulfur trioxide
	19 1116219 Oleums, not elsewhere classified
19 111622	Sulfuric acid, except oleum
19 111630	Spent sulfuric acid
19 111631	Recovered sulfuric acid
19 111632	Fortified sulfuric acid
19 111633	Reconcentrated sulfuric acid
19 111640	Fresh sulfuric acid, fortified
19 111650	Battery acid
19 111690	Sulfuric acid, not elsewhere classified
19 112000	Alkalies
19 112100	Ammonia liquor
19 112200	Ammonium hydroxide (Do not include ammonia liquor)
19 112210	Ammonia, aqua, 26° Bé
19 112220	Ammonium hydroxide, except ammonia, aqua, 26° Bé

<sup>1</sup> Does not include U. S. P., N. F., N. N. R., and similar medicinal grades, which are classified in Major Group 65.

# CHEMICALS—Continued

## BASIC INORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued Heavy Chemicals—Continued

### Alkalies—Continued

- 19 112300 Potassium hydroxide (Caustic potash)
- 19 112310 Potassium hydroxide, liquid, 45 percent
- 19 112320 Potassium hydroxide, flake, 88-92 percent
- 19 112330 Potassium hydroxide, solid, 82-92 percent, except flake
- 19 112390 Potassium hydroxide, not elsewhere classified
- 19 112400 Sodium hydroxide (Caustic soda)
- 19 112410 Sodium hydroxide, liquid
- 19 112411 Sodium hydroxide, liquid, 50 percent
- 19 112412 Sodium hydroxide, liquid, 70 percent
- 19 112419 Sodium hydroxide, liquid, not elsewhere classified
- 19 112420 Sodium hydroxide, flake
- 19 112430 Sodium hydroxide, solid, except flake
- 19 112490 Sodium hydroxide (Caustic soda), not elsewhere classified

### Carbonates

- 19 113100 Calcium carbonate, precipitated
- 19 113200 Barium carbonate, precipitated
- 19 113300 Potassium carbonate
- 19 113400 Sodium carbonate
- 19 113410 Soda ash, except modified soda ash
- 19 113411 Soda ash, 50 percent, dense
- 19 113412 Soda ash, 58 percent, light
- 19 113413 Soda ash, 58 percent, extra light
- 19 113419 Soda ash, except modified soda ash, not elsewhere classified

- 19 113420 Sodium carbonate, anhydrous, refined
- 19 113430 Sodium carbonate, monohydrate
- 19 113440 Sal soda
- 19 113490 Sodium carbonate, not elsewhere classified
- 19 113500 Sodium bicarbonate (Baking soda)

### Miscellaneous heavy chemicals

- 19 119000 Bromine
- 19 119200 Chlorine
- 19 119210 Chlorine, gas
- 19 119220 Chlorine, liquid
- 19 119300 Calcium carbide
- 19 119400 Iodine
- 19 119500 Ammonia, anhydrous
- 19 119600 Oxygen
- 19 119610 Gas
- 19 119611 Liquification process
- 19 119612 Electrolytic process
- 19 119620 Liquid
- 19 119690 Oxygen, not elsewhere classified

### Industrial, Industrial Fine, and Related Chemicals<sup>2</sup>

- 19 120000 Aluminum compounds
- 19 120100 Aluminum chloride
- 19 120111 Aluminum chloride, anhydrous
- 19 120112 Aluminum chloride, crystalline
- 19 120113 Aluminum chloride, liquid
- 19 120119 Aluminum chloride, not elsewhere classified
- 19 120120 Aluminum hydroxide (include aluminum hydrate, heavy)
- 19 120130 Aluminum nitrate
- 19 120140 Aluminum oxide, except alumina
- 19 120150 Aluminum sulfate
- 19 120160 Sodium aluminates
- 19 120161 Sodium aluminate, anhydrous
- 19 120162 Sodium aluminate, liquid
- 19 120169 Sodium aluminates, not elsewhere classified
- 19 120170 Aluminum hydrate, light
- 19 120180 Aluminum fluoride
- 19 120190 Aluminum compounds, not elsewhere classified

<sup>2</sup> In class 19 12 of Major Group 19 and in group 65 5 in Major Group 65, the following integers are used to specify types of compounds on the 7th digit: 1, Chlorides; 2, Hydroxides; 3, Nitrates; 4, Oxides; and 5, Sulfates.

CHEMICALS—Continued

BASIC INORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

*Industrial, Industrial Fine, and Related Chemicals—Continued*

- 19 120200 Ammonium compounds
- 19 120210 Ammonium chloride (Sal ammoniac)
- 19 120211 Ammonium chloride, grey
- 19 120212 Ammonium chloride, white
- (19 112100) Ammonium hydroxide (under heavy chemicals)
- 19 120230 Ammonium nitrate
- (19 511200) Ammonium sulfate (under fertilizers)
- 19 120260 Ammonium carbonates
- 19 120261 Ammonium bicarbonate
- 19 120262 Ammonium carbonate
- 19 120269 Ammonium carbonates, not elsewhere classified
- 19 120270 Ammonium chlorate
- 19 120280 Ammonium perchlorate
- 19 120290 Miscellaneous ammonium compounds
- 19 120291 Ammonium bromide
- 19 120292 Ammonium fluorides, except silicofluorides
  - 19 1202921 Ammonium bifluoride
  - 19 1202929 Ammonium fluoride, except silicofluorides, not elsewhere classified
- 19 120293 Ammonium hypophosphate
- (19 543000) Ammonium phosphate (under fertilizers)
- 19 120294 Ammonium iodide
- 19 120295 Ammonium persulfate
- 19 120296 Ammonium sulfamate
- 19 120297 Ammonium sulfide
- 19 120298 Ammonium thiocyanate (Ammonium sulfocyanide)
- 19 120299 Ammonium compounds, not elsewhere classified
- 19 120300 Antimony compounds
- 19 120310 Antimony chlorides
- 19 120311 Antimony trichloride
- 19 120312 Antimony pentachloride
- 19 120319 Antimony chlorides, not elsewhere classified
- 19 120340 Antimony oxide
- 19 120350 Antimony sulfate
- 19 120360 Antimony oxychloride
- 19 120370 Antimony sulfides, red and golden
- 19 120380 Sodium antimonate
- 19 120390 Antimony compounds, not elsewhere classified
- 19 120400 Arsenic compounds, including elemental arsenic, except insecticides
- 19 120410 Arsenic chlorides
- 19 120411 Arsenic trichloride
- 19 120412 Arsenic pentachloride
- 19 120419 Arsenic chlorides, not elsewhere classified
- 19 120440 Arsenic oxides
- 19 120441 Arsenic trioxide (Arsenious acid or oxide) (White arsenic)
- 19 120442 Arsenic pentoxide
- 19 120449 Arsenic oxides, not elsewhere classified
- 19 120460 Sodium arsenate
- 19 120470 Arsenic sulfides
- 19 120471 Arsenic disulfide
- 19 120472 Arsenic trisulfide
- 19 120473 Arsenic pentasulfide
- 19 120479 Arsenic sulfides, not elsewhere classified
- 19 120480 Arsenic, elemental
- 19 120490 Miscellaneous arsenic compounds
- 19 120491 Arsenic acid
- 19 120499 Arsenic compounds, not elsewhere classified
- 19 120500 Barium compounds
- 19 120510 Barium chloride
- 19 120520 Barium hydroxide
- 19 120530 Barium nitrate



CHEMICALS—Continued

BASIC INORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

Industrial, Industrial Fine, and Related Chemicals—Continued

Barium compounds—Continued

- 19 120540 Barium oxides
- 19 120541 Barium monoxide
- 19 120542 Barium peroxide
- 19 120549 Barium oxides, not elsewhere classified
- (19 422520) Barium sulfate (under pigments as Blanc fixé)

- 19 120560 Barium sulfide
- 19 120570 Barium chlorate
- 19 120590 Barium compounds, not elsewhere classified

19 120600 Beryllium compounds

19 120700 Bismuth compounds

19 120710 Bismuth chlorides

19 120711 Bismuth trichloride

19 120712 Bismuth chlorides, except trichloride

19 120720 Bismuth hydroxide

19 120730 Bismuth nitrate

19 120740 Bismuth oxides

19 120741 Bismuth trioxide

19 120742 Bismuth pentoxide

19 120749 Bismuth oxides, not elsewhere classified

19 120750 Bismuth sulfate

19 120760 Bismuth iodide

19 120770 Bismuth oxychloride

19 120790 Bismuth compounds, not elsewhere classified

19 120800 Boron compounds, including elemental boron

19 120810 Boron trichloride

19 120820 Boric acid (Boron hydroxide)

19 120840 Boron oxide

19 120850 Boron sulfate

19 120860 Sodium borates

19 120861 Sodium metaborate

19 120862 Sodium tetraborate (Borax)

19 120863 Sodium perborate

19 120869 Sodium borates, not elsewhere classified

19 120870 Ammonium borate

19 120880 Boron trifluoride

19 120890 Miscellaneous boron compounds

19 120891 Boron, elemental

19 120892 Lead fluoborate

19 120893 Ammonium fluoborate

19 120894 Potassium borate

19 120895 Potassium fluoborate

19 120896 Sodium fluoborate

19 120899 Boron compounds, not elsewhere classified

19 121100 Cadmium compounds

19 121110 Cadmium chloride

19 121120 Cadmium hydroxide

19 121130 Cadmium nitrate

19 121140 Cadmium oxide

19 121150 Cadmium sulfate

19 121160 Cadmium sulfide, except cadmium sulfide pigments

19 121190 Cadmium compounds, not elsewhere classified

19 121200 Calcium compounds

19 121210 Calcium chlorides

19 121211 Calcium chloride, liquid

19 121212 Calcium chloride, flake

19 121213 Calcium chloride, solid, except flake

19 121219 Calcium chlorides, not elsewhere classified

19 121220 Calcium hydroxide, except hydrated lime

19 121230 Calcium nitrate

19 121240 Calcium oxide

19 121250 Calcium sulfate

19 121260 Calcium cyanide

19 121270 Calcium phosphates, except fertilizer grade

19 121271 Calcium phosphate, monobasic

# CHEMICALS—Continued

## BASIC INORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued *Industrial, Industrial Fine, and Related Chemicals—Continued*

### Calcium compounds—Continued

#### Calcium phosphates, except fertilizer grade—Continued

- 19 121272 Calcium phosphate, dibasic
- 19 121273 Calcium phosphate, tribasic
- 19 121279 Calcium phosphate, except fertilizer grade, not elsewhere classified

- 19 121280 Calcium sulfide
- 19 121290 Calcium compounds, not elsewhere classified

### Carbons

- 19 121310 Carbon, activated
- 19 121320 Carbon, decolorizing or deodorizing, not activated
- 19 121390 Carbons, not elsewhere classified

### Cerium compounds

- 19 121410 Cerium chlorides
- 19 121411 Ceric chloride
- 19 121412 Cerous chloride
- 19 121420 Cerium hydroxides
- 19 121421 Ceric hydroxide
- 19 121422 Cerous hydroxide
- 19 121430 Cerium nitrates
- 19 121431 Ceric nitrate
- 19 121432 Cerous nitrate
- 19 121440 Cerium oxides
- 19 121441 Ceric oxide
- 19 121442 Cerous oxide
- 19 121450 Cerium sulfates
- 19 121451 Ceric sulfate
- 19 121452 Cerous sulfate
- 19 121460 Cerium fluorides
- 19 121461 Ceric fluoride
- 19 121462 Cerous fluoride
- 19 121490 Cerium compounds, not elsewhere classified

### Cesium compounds

- 19 121510 Cesium chloride
- 19 121520 Cesium hydroxide
- 19 121530 Cesium nitrate
- 19 121540 Cesium oxide
- 19 121550 Cesium sulfate
- 19 121590 Cesium compounds, not elsewhere classified

### Chromium compounds

- 19 121710 Chromium chlorides
- 19 121711 Chromic chloride
- 19 121712 Chromous chloride
- 19 121720 Chromium (ic) hydroxide
- 19 121730 Chromium (ic) nitrate
- 19 121740 Chromium oxides, except pigments
- 19 121741 Chromic trioxide (Chromic acid)
- 19 121742 Chromous oxide
- 19 121749 Chromium oxides, not elsewhere classified

#### Chromium sulfates

- 19 121750 Chromium sulfates
- 19 121751 Chromic sulfate
- 19 121752 Chromous sulfate

### Chromates

- 19 121760 Ammonium chromate
- 19 121761 Potassium chromate
- 19 121762 Sodium chromate
- 19 121763 Zinc chromate
- 19 121764 Barium chromate
- 19 121769 Chromates, not elsewhere classified

### Dichromates

- 19 121771 Ammonium dichromate
- 19 121772 Potassium dichromate
- 19 121773 Sodium dichromate
- 19 121774 Zinc dichromate
- 19 121779 Dichromates, not elsewhere classified
- 19 121790 Chromium compounds, not elsewhere classified

# CHEMICALS—Continued

## BASIC INORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued *Industrial, Industrial Fine, and Related Chemicals—Continued*

19 121800	Cobalt compounds
19 121810	Cobalt chlorides
19 121811	Cobaltic chloride
19 121812	Cobaltous chloride
19 121820	Cobalt hydroxides
19 121821	Cobaltic hydroxide
19 121822	Cobaltous hydroxide
19 121830	Cobalt (ous) nitrate
19 121840	Cobalt oxides
19 121841	Cobaltic oxide
19 121842	Cobaltous oxide
19 121850	Cobalt sulfates
19 121851	Cobaltic sulfate
19 121852	Cobaltous sulfate
19 121860	Cobalt (ous) carbonate
19 121870	Cobalt (ous) sulfide
19 121890	Cobalt compounds, not elsewhere classified
19 122100	Copper compounds
19 122110	Copper chlorides
19 122111	Cupric chloride
19 122112	Cuprous chloride
19 122120	Copper (ic) hydroxide
19 122130	Copper (ic) nitrate
19 122140	Copper oxides
19 122141	Cupric oxide
19 122142	Cuprous oxide
19 122149	Copper oxides, not elsewhere classified
19 122150	Copper sulfates
19 122151	Cupric sulfate
	19 1221511 Copper sulfate, anhydrous
	19 1221512 Blue stone (Blue vitriol)
	19 1221519 Cupric sulfates, not elsewhere classified
19 122159	Copper sulfates, not elsewhere classified
19 122160	Copper carbonates
19 122161	Cupric carbonate
19 122162	Cuprous carbonate
19 122170	Copper cyanides
19 122171	Cupric cyanide
19 122172	Cuprous cyanide
19 122180	Copper (ous) iodide
19 122181	Crude
19 122182	Refined
19 122190	Copper compounds, not elsewhere classified
19 122200	Gallium compounds
19 122300	Gold compounds
19 122310	Gold chloride
19 122320	Gold hydroxide
19 122340	Gold oxides
19 122360	Chloroauric acid
19 122390	Gold compounds, not elsewhere classified
19 122400	Indium compounds
19 122410	Indium chloride
19 122440	Indium oxides
19 122450	Indium sulfate
19 122490	Indium compounds, not elsewhere classified
19 122500	Iridium compounds
19 122510	Iridium chloride
19 122540	Iridium oxide
19 122590	Iridium compounds, not elsewhere classified
19 122600	Iron (Ferric and Ferrous) compounds
19 122610	Iron chlorides



CHEMICALS—Continued

BASIC INORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

*Industrial, Industrial Fine, and Related Chemicals—Continued*

Iron (Ferric and Ferrous) compounds—Continued

Iron chlorides—Continued

- 19 122611 Ferric chlorides
  - 19 1226111 Ferric chloride, anhydrous
  - 19 1226112 Ferric chloride, crystalline
  - 19 1226113 Ferric chloride, liquid
  - 19 1226119 Ferric chlorides, not elsewhere classified

19 122612 Ferrous chloride

19 122620 Iron hydroxides

19 122621 Ferric hydroxide

19 122622 Ferrous hydroxide

19 122630 Iron nitrates

19 122631 Ferric nitrate

19 122632 Ferrous nitrate

19 122640 Iron oxides, except pigments

19 122641 Ferric oxide

19 122642 Ferrous oxide

19 122650 Iron sulfates

19 122651 Ferric sulfates

19 1226511 Ferric sulfate, anhydrous

19 1226512 Ferric sulfate, solution

19 1226519 Ferric sulfate, not elsewhere classified

19 122652 Ferrous sulfates

19 1226521 Ferrous sulfate, crystalline (Copperas)

19 1226522 Ferrous sulfate, except copperas

19 122660 Iron (Ferric) phosphate

19 122670 Iron (Ferrous) sulfide

19 122690 Iron (Ferric and Ferrous) compounds, not elsewhere classified

19 122700 Lead compounds

19 122710 Lead chloride

19 122720 Lead hydroxide

19 122730 Lead nitrate

19 122740 Lead oxides, except pigments

19 122741 Lead monoxide, yellow (Litharge)

19 122742 Lead dioxide, brown

19 122743 Lead oxide, red (Red lead)

19 122749 Lead oxides, except pigments, not elsewhere classified

19 122750 Lead sulfate

19 122760 Lead thiocyanate

19 122790 Lead compounds, not elsewhere classified

19 122800 Lithium compounds

19 122810 Lithium chloride

19 122820 Lithium hydroxide

19 122830 Lithium nitrate

19 122840 Lithium oxide

19 122850 Lithium sulfate

19 122860 Lithium carbonate

19 122870 Lithium fluoride

19 122880 Lithium hydride

19 122890 Lithium compounds, not elsewhere classified

19 123100 Magnesium compounds

19 123110 Magnesium chloride

19 123120 Magnesium hydroxide

19 123130 Magnesium nitrate

19 123140 Magnesium oxide, except calcined and dead burned

19 123150 Magnesium sulfate

19 123160 Magnesium carbonates

19 123161 Magnesium carbonate, basic

19 123162 Magnesium carbonate, light

19 123163 Magnesium carbonate, except light and basic

19 123170 Magnesium silicate

19 123180 Magnesium silicofluoride

19 123190 Magnesium compounds, not elsewhere classified

CHEMICALS—Continued

BASIC INORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued  
Industrial, Industrial Fine, and Related Chemicals—Continued

19 123200	Manganese compounds
19 123210	Manganese (ous) chloride
19 123211	▪ Manganous chloride, anhydrous
19 123212	▪ Manganous chloride, crystalline
19 123219	Manganese (ous) chloride, not elsewhere classified
19 123240	Manganese oxides
19 123241	Manganese dioxide
19 123242	Manganic oxide
19 123243	Manganous oxide
19 123249	Manganese oxides, not elsewhere classified
19 123250	Manganese (ous) sulfate
19 123260	Potassium permanganate
19 123270	Sodium permanganate
19 123290	Manganese compounds, not elsewhere classified
19 123300	Mercury compounds
19 123310	Mercury chlorides
19 123311	Mercuric chloride (Corrosive sublimate)
19 123312	Mercurous chloride (Calomel)
19 123320	Mercury (ic) hydroxide
19 123330	Mercury nitrates
19 123331	Mercuric nitrate
19 123332	Mercurous nitrate
19 123340	Mercury oxides, except pigments
19 123341	Mercuric oxide (Red precipitate)
19 123342	Mercurous oxide
19 123350	Mercury sulfates
19 123351	Mercuric sulfate
19 123352	Mercurous sulfate
19 123360	Mercury (ous) sulfide
19 123390	Mercury compounds, not elsewhere classified
19 123400	Molybdenum compounds
19 123410	Molybdenum chloride
19 123440	Molybdenum oxides
19 123441	Molybdenum trioxide
19 123442	Molybdenum oxides, except trioxide
19 123460	Molybdates
19 123461	Ammonium molybdate
19 123462	Calcium molybdate
19 123463	Sodium molybdate
19 123469	Molybdates, not elsewhere classified
19 123470	Molybdenum sulfide
19 123490	Molybdenum compounds, not elsewhere classified
19 123500	Nickel compounds
19 123510	Nickel (ous) chloride
19 123520	Nickel hydroxides
19 123521	Nickelic hydroxide
19 123522	Nickelous hydroxide
19 123530	Nickel (ous) nitrate
19 123540	Nickel oxides
19 123541	Nickelic oxide
19 123542	Nickelous oxide
19 123550	Nickel (ous) sulfates
19 123551	Nickelous sulfate
19 123552	Nickelous ammonium sulfate
19 123560	Nickel (ous) sulfide
19 123570	Nickel (ous) carbonate
19 123580	Nickel cyanide
19 123590	Nickel compounds, not elsewhere classified
19 123600	Osmium compounds
19 123610	Osmium chloride
19 123640	Osmium tetroxide
19 123660	Osmium sulfide
19 123690	Osmium compounds, not elsewhere classified

CHEMICALS—Continued

BASIC INORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

*Industrial, Industrial Fine, and Related Chemicals—Continued*

19	123700	Oxygen compounds
19	123740	Hydrogen peroxide (Hydrogen dioxide)
19	123741	3 percent (10 vols.)
19	123742	5 percent (17 vols.)
19	123743	7½ percent (25 vols.)
19	123744	28-30 percent (100 vols.)
19	123749	Hydrogen peroxide (Hydrogen dioxide), not elsewhere classified
19	123790	Oxygen compounds, not elsewhere classified
19	123800	Palladium compounds
19	123810	Palladium chloride
19	123820	Palladium hydroxide
19	123830	Palladium nitrate
19	123840	Palladium oxide
19	123850	Palladium sulfate
19	123890	Palladium compounds, not elsewhere classified
19	124100	Phosphorus compounds, including elemental phosphorus
19	124110	Phosphorus chlorides
19	124111	Phosphorus trichloride
19	124112	Phosphorus pentachloride
19	124119	Phosphorus chlorides, not elsewhere classified
19	124140	Phosphorus oxides
19	124141	Phosphorus trioxide
19	124142	Phosphorus pentoxide
19	124149	Phosphorus oxides, not elsewhere classified
19	124160	Phosphorus, elemental
19	124161	Phosphorus, yellow
19	124162	Phosphorus, red
19	124169	Phosphorus, not elsewhere classified
19	124170	Phosphorus oxychloride
19	124180	Phosphorus sulfides
19	124181	Phosphorus pentasulfide
19	124182	Phosphorus sesquisulfide
19	124189	Phosphorus sulfides, not elsewhere classified
19	124190	Phosphorus compounds, not elsewhere classified
19	124200	Platinum compounds
19	124210	Platinum chlorides
19	124211	Platinic chloride
19	124212	Platinous chloride
19	124220	Platinum hydroxides
19	124221	Platinic hydroxide
19	124222	Platinous hydroxide
19	124240	Platinum oxides
19	124241	Platinic oxide
19	124242	Platinous oxide
19	124260	Chloroplatinic acid
19	124290	Platinum compounds, not elsewhere classified
19	124300	Potassium compounds
19	124310	Potassium chloride, except fertilizer grade
	(19 112200)	Potassium hydroxide (under heavy chemicals)
19	124330	Potassium nitrate, except crude
19	124340	Potassium oxide
19	124350	Potassium sulfates
19	124351	Potassium sulfate, normal
19	124352	Potassium persulfate
19	124359	Potassium sulfates, not elsewhere classified
	(19 113300)	Potassium carbonate (under heavy chemicals)
19	124360	Potassium bicarbonate
19	124370	Potassium cyanides
19	124371	Potassium cyanide
19	124372	Potassium ferricyanide
19	124373	Potassium ferrocyanide
19	124379	Potassium cyanides, not elsewhere classified



CHEMICALS—Continued

BASIC INORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued  
*Industrial, Industrial Fine, and Related Chemicals—Continued*

Potassium compounds—Continued

19 124380	Potassium phosphates
19 124381	Potassium phosphate, monobasic
19 124382	Potassium phosphate, dibasic
19 124389	Potassium phosphates, not elsewhere classified
19 124390	Miscellaneous potassium compounds
19 1243901	Potassium bromide
19 1243902	Potassium chlorate
19 1243903	Potassium iodide
19 1243904	Potassium metabisulfite
19 1243905	Potassium perchlorate
19 1243906	Potassium thiosulfate
19 1243999	Potassium compounds, not elsewhere classified
19 124400	Praseodymium compounds
19 124500	Radium compounds
19 124510	Radium chloride
19 124550	Radium sulfate
19 124560	Radium bromide
19 124590	Radium compounds, not elsewhere classified
19 124600	Rhodium compounds
19 124610	Rhodium chloride
19 124620	Rhodium hydroxide
19 124640	Rhodium oxide
19 124650	Rhodium sulfate
19 124690	Rhodium compounds, not elsewhere classified
19 124700	Rubidium compounds
19 124710	Rubidium chloride
19 124720	Rubidium hydroxide
19 124740	Rubidium oxide
19 124750	Rubidium sulfate
19 124760	Rubidium carbonate
19 124790	Rubidium compounds, not elsewhere classified
19 124800	Ruthenium compounds
19 124810	Ruthenium chloride
19 124840	Ruthenium oxide
19 124890	Ruthenium compounds, not elsewhere classified
19 125100	Selenium compounds, including elemental selenium
19 125110	Selenium chlorides
19 125111	Selenium monochloride
19 125112	Selenium tetrachloride
19 125119	Selenium chlorides, not elsewhere classified
19 125140	Selenium oxide
19 125160	Selenium, elemental
19 125170	Selenium oxychloride
19 125180	Selenium acids
19 125181	Selenic acid
19 125182	Selenious acid
19 125189	Selenium acids, not elsewhere classified
19 125190	Selenium compounds, not elsewhere classified
19 125200	Silicon compounds
19 125210	Silicon tetrachloride
19 125240	Silicon dioxide, except quartz
19 125260	Potassium silicate
19 125270	Silicic acid
19 125271	Silica gel
19 125272	Silicic acid, except silica gel
19 125280	Sodium silicates
19 125281	Waterglass, liquid
19 125282	Waterglass, solid
19 125283	Sodium metasilicates
19 1252831	Sodium metasilicate, anhydrous
19 1252832	Sodium metasilicate, crystalline
19 1252839	Sodium metasilicates, not elsewhere classified

# CHEMICALS—Continued

## BASIC INORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued *Industrial, Industrial Fine, and Related Chemicals—Continued*

### Silicon compounds—Continued

#### Sodium silicates—Continued

- 19 125284 Sodium orthosilicates
  - 19 1252841 Sodium orthosilicate, anhydrous
  - 19 1252842 Sodium orthosilicate, crystalline
  - 19 1252849 Sodium orthosilicates, not elsewhere classified

- 19 125285 Sodium sesquisilicate
- 19 125289 Sodium silicates, not elsewhere classified
- 19 125290 Silicon compounds, not elsewhere classified

#### Silver compounds

- 19 125310 Silver chloride
- 19 125330 Silver nitrate
- 19 125340 Silver oxide
- 19 125350 Silver sulfate
- 19 125360 Silver bromide
- 19 125370 Silver carbonate
- 19 125380 Silver cyanide
- 19 125390 Silver compounds, not elsewhere classified
- 19 125400 Sodium compounds

- 19 125410 Sodium chloride, except crude and table salt
- (19 112300) Sodium hydroxide (under heavy chemicals)

- 19 125430 Sodium nitrate, except fertilizer grade

- 19 125440 Sodium oxides

- 19 125441 Sodium monoxide

- 19 125442 Sodium peroxide

- 19 125450 Sodium sulfates

- 19 125451 Sodium sulfate, anhydrous
- 19 125452 Niter cake, crude (Sodium acid sulfate)

- 19 125453 Salt cake

- 19 125454 Glauber's salt

- 19 125459 Sodium sulfates, not elsewhere classified

- 19 125460 Sodium phosphates, except fertilizer grade

- 19 125461 Monosodium phosphate

- 19 125462 Disodium phosphate

- 19 125463 Trisodium phosphate

- 19 125464 Sodium metaphosphate

- 19 125465 Sodium pyrophosphate

- 19 125466 Tetrasodium phosphate

- 19 125469 Sodium phosphates, except fertilizer grade, not elsewhere classified

- 19 125470 Sodium cyanides

- 19 125471 Sodium cyanide

- 19 125472 Sodium ferricyanide

- 19 125473 Sodium ferrocyanide

- 19 125479 Sodium cyanides, not elsewhere classified

- 19 125480 Sodium sulfides

- 19 125481 Sodium sulfide, crystals

- 19 125482 Sodium sulfide, flake

- 19 125483 Sodium sulfide, solid, except flake

- 19 125489 Sodium sulfides, not elsewhere classified

- 19 125490 Miscellaneous sodium compounds

- 19 12549010 Sodium azide

- 19 12549020 Sodium bifluoride

- 19 12549030 Sodium bromide

- 19 12549040 Sodium chlorite

- 19 12549050 Sodium fluorides

- 19 12549051 Sodium fluoride, 30 percent

- 19 12549052 Sodium fluoride, 95 percent

- 19 12549059 Sodium fluorides, not elsewhere classified

- 19 12549060 Sodium iodide

- 19 12549070 Sodium perchlorate

- 19 12549080 Sodium bisulfites (Sodium acid sulfite)

CHEMICALS—Continued

BASIC INORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued  
*Industrial, Industrial Fine, and Related Chemicals—Continued*

Sodium compounds—Continued

Miscellaneous sodium compounds—Continued

Sodium bisulfites (Sodium and sulfite)—Continued

- 19 12549081 Sodium bisulfite, anhydrous
- 19 12549082 Sodium bisulfite, except anhydrous
- 19 12549110 Sodium fluoborate
- 19 12549120 Sodium hydrosulfite
- 19 12549130 Sodium thiosulfate (Antichlor) (Hypo)
- 19 12549140 Sodium sulfites, normal
- 19 12549141 Sodium sulfite, anhydrous
- 19 12549142 Sodium sulfite, crystalline
- 19 12549149 Sodium sulfites, not elsewhere classified
- 19 12549990 Sodium compounds, not elsewhere classified

- 19 125500 Strontium compounds
- 19 125510 Strontium chloride
- 19 125520 Strontium hydroxide
- 19 125530 Strontium nitrate
- 19 125540 Strontium oxides
- 19 125541 Strontium oxide
- 19 125542 Strontium peroxide
- 19 125549 Strontium oxides, not elsewhere classified
- 19 125550 Strontium sulfate
- 19 125560 Strontium sulfide
- 19 125570 Strontium carbonate
- 19 125590 Strontium compounds, not elsewhere classified
- 19 125600 Sulfur compounds, including refined sulfur
- 19 125610 Sulfur chlorides
- 19 125611 Sulfur monochloride
- 19 125612 Sulfur dichloride
- 19 125619 Sulfur chlorides, not elsewhere classified
- 19 125640 Sulfur oxides
- 19 125641 Sulfur dioxide
- 19 125642 Sulfur trioxide
- 19 125649 Sulfur oxides, not elsewhere classified
- 19 125660 Sulfur, refined
- 19 125661 Sulfur flour
- 19 125662 Sulfur, flowers
- 19 125669 Sulfur, refined, not elsewhere classified
- 19 125670 Sulfur oxychlorides
- 19 125690 Sulfur compounds, not elsewhere classified
- 19 125700 Tellurium compounds
- 19 125710 Tellurium chlorides
- 19 125711 Tellurium dichloride
- 19 125712 Tellurium tetrachloride
- 19 125719 Tellurium chlorides, not elsewhere classified
- 19 125730 Tellurium nitrate, basic
- 19 125740 Tellurium oxides
- 19 125741 Tellurium monoxide
- 19 125742 Tellurium dioxide
- 19 125749 Tellurium oxides, not elsewhere classified
- 19 125790 Tellurium compounds, not elsewhere classified
- 19 125810 Thallium chloride
- 19 125820 Thallium hydroxide
- 19 125830 Thallium nitrate
- 19 125840 Thallium oxide
- 19 125850 Thallium sulfate
- 19 125890 Thallium compounds, not elsewhere classified
- 19 126100 Thorium compounds
- 19 126110 Thorium chloride
- 19 126120 Thorium hydroxide
- 19 126130 Thorium nitrate
- 19 126140 Thorium oxide
- 19 126150 Thorium sulfate
- 19 126190 Thorium compounds, not elsewhere classified



CHEMICALS—Continued

BASIC INORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued  
*Industrial, Industrial Fine, and Related Chemicals—Continued*

- 19 126200 Tin (Stannic and Stannous) compounds
- 19 126210 Tin chlorides
- 19 126211 Stannic chloride (Tin tetrachloride)
- 19 126212 Stannous chloride (Tin bichloride) ("Tin crystals") ("Tin salts")
- 19 126220 Tin hydroxides
- 19 126221 Stannic hydroxides
- 19 126222 Stannous hydroxides
- 19 126240 Tin oxides
- 19 126241 Stannic oxide
- 19 126242 Stannous oxide
- 19 126250 Tin sulfates
- 19 126251 Stannic sulfate
- 19 126252 Stannous sulfate
- 19 126260 Tin (ic) sulfide (Stannic sulfide)
- 19 126270 Sodium stannate
- 19 126280 Stannic acid
- 19 126290 Miscellaneous tin compounds
- 19 126291 Tin (ous) fluoride (Stannous fluoride)
- 19 126299 Miscellaneous tin compounds, not elsewhere classified
- 19 126300 Titanium compounds
- 19 126310 Titanium chlorides
- 19 126311 Titanic chloride
- 19 126312 Titanous chloride
- 19 126340 Titanium oxides, except pigments
- 19 126341 Titanic oxide
- 19 126342 Titanous oxide
- 19 126350 Titanium (ic) sulfates
- 19 126390 Titanium compounds, not elsewhere classified
- 19 126400 Tungsten compounds
- 19 126410 Tungsten chloride
- 19 126440 Tungsten oxides
- 19 126441 Tungsten dioxide
- 19 126442 Tungsten trioxide
- 19 126449 Tungsten oxides, not elsewhere classified
- 19 126460 Tungsten acids
- 19 126461 Tungstic acid
- 19 126462 Phosphotungstic acid
- 19 126463 Silicotungstic acid
- 19 126469 Tungsten acids, not elsewhere classified
- 19 126470 Tungstates
- 19 126471 Sodium tungstate
- 19 126472 Ammonium paratungstate
- 19 126479 Tungstates, not elsewhere classified
- 19 126490 Tungsten compounds, not elsewhere classified
- 19 126500 Uranium compounds, except uranyl
- 19 126510 Uranium chlorides
- 19 126511 Uranium trichloride
- 19 126512 Uranium tetrachloride
- 19 126513 Uranium pentachloride
- 19 126519 Uranium chlorides, not elsewhere classified
- 19 126540 Uranium oxides
- 19 126541 Uranium dioxide
- 19 126542 Uranium trioxide
- 19 126549 Uranium oxides, not elsewhere classified
- 19 126550 Uranium sulfate
- 19 126560 Uranium sulfite
- 19 126590 Uranium compounds, except uranyl, not elsewhere classified
- 19 126600 Uranyl compounds
- 19 126610 Uranyl chloride
- 19 126630 Uranyl nitrate
- 19 126650 Uranyl sulfate
- 19 126660 Uranyl uranate
- 19 126690 Uranyl compounds, not elsewhere classified

CHEMICALS—Continued

BASIC INORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued  
*Industrial, Industrial Fine, and Related Chemicals—Continued*

19 126700	Vanadium compounds
19 126710	Vanadium chloride
19 126740	Vanadium oxide
19 126750	Vanadium sulfate
19 126760	Ammonium metavanadate
19 126770	Sodium metavanadate
19 126780	Vanadium sulfide
19 126790	Vanadium compounds, not elsewhere classified
19 126800	Zinc compounds
19 126810	Zinc chlorides
19 126811	Zinc chloride, liquid
19 126812	Zinc chloride, solid
19 126819	Zinc chlorides, not elsewhere classified
19 126820	Zinc hydroxide
19 126830	Zinc nitrate
19 126840	Zinc oxides, lead free, except pigments
19 126841	American (direct) process
19 126842	French (indirect) process
19 126849	Zinc oxides, lead free, not elsewhere classified
19 126850	Zinc sulfate (White vitriol)
19 126860	Zinc carbonate
19 126870	Zinc hydrosulfite
19 126880	Zinc ammonium chloride
19 126890	Zinc compounds, not elsewhere classified
19 127100	Zirconium compounds
19 127110	Zirconium chloride
19 127120	Zirconium hydroxide
19 127130	Zirconium nitrate
19 127140	Zirconium oxide
19 127150	Zirconium sulfate
19 127160	Zirconium iodide
19 127170	Zirconium silicate
19 127190	Zirconium compounds, not elsewhere classified
19 129100	Rare-earth chemicals, except cerium and praseodymium compounds
19 129110	Lanthanum compounds
19 129190	Rare-earth chemicals, except cerium and praseodymium, not elsewhere classified
19 129200	Inorganic acids, except acids classified as heavy chemicals
19 129210	Chlorosulfonic acid
19 129220	Hydrobromic acid
19 129230	Hydriodic acid
19 129240	Hydro-fluosilicic acid
19 129250	Mixed acid (Sulfuric and nitric acids, mixed)
19 129260	Sulfurous acid
19 129290	Inorganic acids, except acids classified as heavy chemicals, not elsewhere classified
19 129300	Modified soda ash
19 129310	Soda ash-caustic soda mixtures
19 129320	Soda ash-sodium bicarbonate mixtures
19 129390	Modified soda ash, not elsewhere classified
19 129400	Alums
19 129410	Ammonia alums
19 129420	Chrome alums
19 129430	Ferric alums
19 129440	Manganese alums
19 129450	Potash alums
19 129460	Soda alums
19 129490	Alums, not elsewhere classified
19 129900	Industrial, industrial fine, and related chemicals, not elsewhere classified

# CHEMICALS—Continued

19 200000	BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS
19 210000	<i>Coal and Petroleum Crudes, Including Special Grades<sup>a</sup></i>
19 211000	Light oil derivatives
19 211100	Benzene (Benzol), except motor benzol
19 211110	Benzene, 1°
19 211120	Benzene, 2°
19 211190	Benzene, except motor benzol, not elsewhere classified
19 211200	Toluene (Toluol)
19 211210	Toluene, 1°, nitration grade
19 211211	From water-gas light oil
19 211212	From oil-gas light oil
19 211213	From coal tar or crude light oil
19 211214	From petroleum by extraction
19 211215	From petroleum by synthesis
19 211219	Toluene, 1°, nitration grade, not elsewhere classified
19 211220	Toluene, 2°, pure commercial grade
19 211221	From water-gas light oil
19 211222	From oil-gas light oil
19 211223	From coal tar or crude light oil
19 211224	From petroleum by extraction
19 211225	From petroleum by synthesis
19 211229	Toluene, 2°, pure commercial grade, not elsewhere classified
19 211230	Toluene, 90 percent, solvent grade
19 211231	From water-gas light oil
19 211232	From oil-gas light oil
19 211233	From coal tar or crude light oil
19 211234	From petroleum by extraction
19 211235	From petroleum by synthesis
19 211239	Toluene, 90 percent, solvent grade, not elsewhere classified
19 211290	Toluene (Toluol), not elsewhere classified
19 211291	From water-gas light oil
19 211292	From oil-gas light oil
19 211293	From coal tar or crude light oil
19 211294	From petroleum by extraction
19 211295	From petroleum by synthesis
19 211299	Toluene (Toluol), not elsewhere classified
19 211300	Solvent naphtha, except petroleum derived
19 211310	Low flash
19 211320	High flash
19 211390	Solvent naphtha, except petroleum derived, not elsewhere classified
19 211400	Xylols
19 211410	Xylols, 3°
19 211420	Xylols, 5°
19 211430	Xylols, 10°
19 211440	Xylols, commercial
19 211490	Xylols, not elsewhere classified
19 211500	Pyridine, crude
19 211900	Light oil derivatives, not elsewhere classified
19 212000	Medium and heavy oil derivatives
19 212100	Creosote oil
19 212200	Cresylic acids, crude
19 212210	From coal tar
19 212220	From petroleum
19 212300	Naphthalene, crude (less than 75 percent)
19 212310	Solidifying at less than 74° C
19 212320	Solidifying at 74° to less than 76° C
19 212330	Solidifying at 76° to less than 79° C
19 212400	Anthracene, crude
19 212500	Naphthenic acids, crude
19 212600	High residue oils
19 212900	Medium and heavy oil derivatives, not elsewhere classified

<sup>a</sup> See Supplementary Code 10-1 on page 194.



CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued  
Coal and Petroleum Crudes, Including Special Grades—Con.

19 213000	Tars
19 213100	Coal tar, crude
19 213200	Water-gas tar
19 213300	Oil-gas tar
19 213400	Road tar
19 213500	Pitch of tar
19 213510	Battery pitch
19 213520	Roofing pitch
19 213530	Core pitch
19 213590	Pitch of tar, not elsewhere classified
19 213600	Pitch of tar coke, coal derived
19 213900	Tars, not elsewhere classified
19 219000	Coal and petroleum crudes, including special grades, not elsewhere classified
19 220000	<i>Intermediates,* Cyclic</i>
19 220010	Acenaphthene
19 220020	Acetanilide
19 220030	Acetanilide-p-sulfonic acid
19 220040	o-Acetanilide (Acetyl-o-anisidine) (o-Methoxy-acetanilide)
19 220050	p-Acetanilide (Acetyl-p-anisidine) (p-Methoxy-acetanilide)
19 220060	Acetoacetanilide
19 220070	o-Acetoacetanilide (o-Acetoacetanilide)
19 220080	Acetoacet-o-chloroanilide
19 220110	Acetoacet-p-chloroanilide
19 220120	Acetoacetotoluides
19 220121	Acetoacet-o-toluidine (Acetoacet-o-toluidide)
19 220122	Acetoacet-p-toluidine (Acetoacet-p-toluidide)
19 220129	Acetoacetotoluides, not elsewhere classified
19 220130	Acetoacet-m-xylidine (Acetoacet-m-xylidide)
19 220140	Acetyldiaminoanthraquinones
19 220150	Acetyl-1,4-naphthalenediamine-6 and 7-sulfonic acids (Acetyl-amino Cleve's acid)
19 220160	Acetyl-p-phenylenediaminesulfonic acid
19 220170	Acetyl-toluidines (Acetotoluide)
19 220171	Acetyl-o-toluidine (Acetyl-o-toluidide)
19 220172	Acetyl-p-toluidine (Acetyl-p-toluidide)
19 220179	Acetyl-toluidines (Acetotoluide), not elsewhere classified
19 220180	m-Aminoacetanilide (Acetyl-m-phenylenediamine)
19 220210	p-Aminoacetanilide (Acetyl-p-phenylenediamine)
19 220220	Aminoanthraquinones
19 220221	1-Aminoanthraquinone
19 220222	1-Aminoanthraquinone hydrochloride
19 220223	1-Aminoanthraquinone sulfate
19 220224	1-Aminoanthraquinone-2-sulfonic acid
19 220225	2-Aminoanthraquinone
19 220229	Aminoanthraquinones, not elsewhere classified
19 220230	Aminoazobenzenes
19 220231	Aminoazobenzene
19 220232	Aminoazobenzene hydrochloride
19 220233	Aminoazobenzenedisulfonic acid
19 220234	Aminoazobenzenesulfonic acid
19 220235	p-Aminoazobenzenesulfonyl chloride
19 220239	Aminoazobenzenes, not elsewhere classified
19 220240	Aminoazotoluenes
19 220241	Aminoazotoluene
19 220242	Aminoazotoluene hydrochloride
19 220243	Aminoazotoluenemonosulfonic acid
19 220244	Aminoazotoluenemonosulfonic acid, sodium salt
19 220245	Aminoazotoluene sulfate
19 220249	Aminoazotoluenes, not elsewhere classified
19 220250	Aminoazoxylene
19 220260	Aminoazoxylenetoluidine
19 220270	8-Amino-1,2-benzacridone

\* Technical grade, unless otherwise specified.

# CHEMICALS—Continued

## BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

### Intermediates, Cyclic—Continued

- 19 220280 o-Aminobenzoic acid (Anthranilic acid)
- 19 220310 p-Aminobenzoic acid
- 19 220320 o-Aminobenzoic-p-sulfonic acid
- 19 220330 Amino-5-benzoylaminoanthraquinone
- 19 220340 m-Aminobenzoyl J acid
- 19 220350 p-Aminobenzoyl J acid
- 19 220360 p-Aminobenzoyl-m-phenylenediamine
- 19 220370 m-Aminobenzoyl-p-phenylenediamine
- 19 220380 1-Amino-2-bromo-4-(p-toluidine) anthraquinone
- 19 220410 Aminobutaryl amino diethyl hydroquinone
- 19 220420 3-Amino-4-chlorobenzoyl benzoic acid
- 19 220430 Aminochlorodiphenyl ether
- 19 220440 2-Amino-4-chlorotoluene
- 19 220450 2-Amino-6-chlorotoluene
- 19 220460 m-Aminocresyl methyl ether
- 19 220470 1-Amino-2,4-dibromoanthraquinone
- 19 220480 2-Amino-1,4-dlethoxybenzene
- 19 220510 2-Amino-5-diethylaminotoluene hydrochloride
- 19 220520 p-Aminodiethylaniline
- 19 220530 2-Amino-1,4-dimethoxybenzene
- 19 220540 p-Aminodimethylaniline
- 19 220550 p-Aminodiphenylamine
- 19 220560 p-Aminodiphenylaminesulfonic acid
- 19 220570 Aminodiphenyl ether
- 19 220580 3-Aminoformanilide
- 19 220610 Amino J acid
- 19 220620 4-Amino-3-methoxydiphenylamine-2-sulfonic acid
- 19 220630 4-Amino-N-methylacetanilide
- 19 220640 1-Amino-7-naphthol
- 19 220650 1-Aminonaphthalene-4-sulfonic acid (Naphthionic acid)
- 19 220660 Aminonaphtholsulfonic acids
  - 19 2206601 1-Amino-8-naphthol-2,4-disulfonic acid, mono sodium salt (Chicago acid) (SS-acid) (2S-acid)
  - 19 2206602 1-Amino-8-naphthol-3,5-disulfonic acid, mono sodium salt (B-acid)
  - 19 2206603 1-Amino-8-naphthol-3, 6-disulfonic acid, mono sodium salt (H-acid)
  - 19 2206604 1-Amino-8-naphthol-4,6-disulfonic acid, mono sodium salt (K-acid)
  - 19 2206605 2-Amino-8-naphthol-3,6-disulfonic acid, mono sodium salt (2R-acid)
  - 19 2206606 1-Amino-2-naphthol-4-sulfonic acid
  - 19 2206607 1-Amino-2-naphthol-6-sulfonic acid
  - 19 2206608 1-Amino-2-naphthol-8-sulfonic acid
  - 19 2206611 1-Amino-5 naphthol-7-sulfonic acid (M-acid)
  - 19 2206612 1-Amino-8-naphthol-4-sulfonic acid, sodium salt (S-acid)
  - 19 2206613 1-Amino-8-naphthol-5-sulfonic acid, sodium salt
  - 19 2206614 2-Amino-1-naphthol-4-sulfonic acid
  - 19 2206615 2-Amino-3-naphthol-6-sulfonic acid, sodium salt (R-acid)
  - 19 2206616 2-Amino-5-naphthol-7-sulfonic acid, sodium salt (J-acid)
  - 19 2206617 2-Amino-8-naphthol-6-sulfonic acid, sodium salt (Gamma acid)
  - 19 2206699 Aminonaphtholsulfonic acids, not elsewhere classified
- 19 220670 Aminophenols
  - 19 220671 o-Aminophenol
  - 19 220672 m-Aminophenol
  - 19 220673 p-Aminophenol
  - 19 220679 Aminophenols, not elsewhere classified
- 19 220680 Aminophenol sulfonamide

# CHEMICALS—Continued

## BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

### Intermediates, Cyclic—Continued

19 220710	Aminophenolsulfonic acids
19 220711	2-Aminophenol-4-sulfonic acid
19 220712	3-Aminophenol-4-sulfonic acid
19 220713	4-Aminophenol-2-sulfonic acid
19 220714	4-Aminophenol-2,6-disulfonic acid, monosodium salt
19 220719	Aminophenolsulfonic acids, not elsewhere classified
19 220720	p-Aminophenylammonium hydroxide
19 220730	m-Aminophenylpyrazolonecarboxylic acid
19 220740	p-Aminophenyl-p-tolylaminesulfonic acid
19 220750	Aminopyrazolone
19 220760	2-Aminopyridine
19 220770	Aminosalicylic acids
19 220771	3-Aminosalicylic acid
19 220772	4-Aminosalicylic acid
19 220773	5-Aminosalicylic acid
19 220779	Aminosalicylic acids, not elsewhere classified
19 220780	Amino Shaeffer ether
19 220810	6-Amino-3-(p-toluene sulfone)-amino-4-methoxytoluene
19 220820	2-Aminotoluene-5-sulfonic acid
19 220830	4-Aminotoluene-2-sulfonic acid
19 220840	Aminoviolanthrene
19 220850	Amylnaphthalenes
19 220860	p-tert-Amylphenol
19 220870	1-Anilido-2-carboxylic acid anthraquinone
19 220880	Aniline (Aniline oil)
19 220910	Aniline acetate
19 220920	Aniline disulfide
19 220930	Anilinedisulfonic acid
19 220940	Aniline hydrochloride
19 220950	Aniline sulfate
19 220960	Aniline-omega-methanesulfonic acid, sodium salt
19 220970	p-Anisic acid (p-Methoxybenzoic acid)
19 220980	2-Aniside-4-acetylurea
19 221010	o-Anisidine (o-Methoxy aniline)
19 221020	p-Anisidine (p-Methoxy aniline)
19 221080	o-Anisidine-omega-sulfonic acid
19 221040	2-Anisidine-4-sulfobutylamide
19 221050	2-Anisidine-4-sulfonic acid
19 221060	Anthracene, refined
19 221070	Anthraquinone
19 221080	Anthraquinonesulfonic acids and salts
19 2210801	Anthraquinone-2,6-disulfonic acid
19 2210802	Anthraquinone-1,5-disulfonic acid
19 2210803	Anthraquinone-1,8-disulfonic acid
19 2210804	Anthraquinone-2,7-disulfonic acid
19 2210805	α-Anthraquinonehydrazine-disulfonate
19 2210806	Anthraquinone-1,8-potassium disulfonate
19 2210807	Anthraquinone-2,7-sodium disulfonate
19 2210808	Anthraquinone-1-sodium sulfonate
19 2210811	Anthraquinone-2-sodium sulfonate (Silver salt)
19 2210812	1-Anthraquinonesulfonic acid
19 2210813	2-Anthraquinonesulfonic acid
19 2210899	Anthraquinonesulfonic acids and salts, not elsewhere classified
19 221110	1,9-Anthrathiazol-2-carbonyl chloride
19 221120	Azobenzene
19 221130	Azohydroxyaniline
19 221220	Benzaldehyde
19 221230	Benzaldehydedisulfonic acid
19 221240	Benzaldehyde-o-sulfonic acid
19 221250	Benzamide
19 221260	Benzanthrone



# CHEMICALS—Continued

## BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

### Intermediates, Cyclic—Continued

19 221270	Benzanthronedianthraquinonyldi-imide
19 221280	Benzenedisulfonate, sodium salts
19 221310	Benzensulfonamide
19 221320	Benzenesulfonic acid
19 221330	Benzenesulfonyl chloride
19 221340	Benzidine, base
19 221350	Benzidinedisulfonic acid
19 221360	Benzidine hydrochloride
19 221370	Benzidine sulfate
19 221380	Benzidinesulfonic acid
19 221410	Benzoic acid
19 221420	Benzotrichloride ( $\alpha$ -Trichlorotoluene)
19 221430	1-Benzoyl-4-aminoanthraquinone
19 221440	1-Benzoylamino-4-chloroanthraquinone
19 221450	1-Benzoylamino-5-chloroanthraquinone
19 221460	6-Benzoylamino-3-(p-toluene sulfone)-amino-4-methoxytoluene
19 221470	2-Benzoylamino-1,4-diethoxybenzene
19 221480	2-Benzoylamino-1,4-dimethoxybenzene
19 221510	5-Benzoylamino-2-nitro-hydroquinone diethylether
19 221520	Benzoylacetanilide
19 221530	Benzoylbenzoic acid
19 221540	Benzoyl chloride
19 221550	Benzoyl J acid
19 221560	Benzyl chloride
19 221570	Benzyl cyanide
19 221580	Benzyl disulfide
19 221610	Benzylideneaminopyrazolone
19 221620	Bromamine acid
19 221630	1-Bromoanthraquinone
19 221640	p-Bromoacetylaminanthraquinone
19 221650	Bromobenzanthrone
19 221660	Bromobenzene (Phenyl bromide)
19 221670	2-Bromo-1-methylaminanthraquinone
19 221680	3-Bromophthalic acid
19 221710	2-tert-Butyl-4-methyl anisole
19 221750	Carbazole
19 221760	Carbazole-ethoxypyrazolone
19 221770	Carbazole-tetrasulfonic acid
19 221780	2-Chloro-3-acetaminanthraquinone
19 221810	2-Chloro-3-acetyl-amino-9,10-anthrahydroquinone-disulfonic acid ester
19 221820	1-Chloro-5-aminoanthraquinone
19 221830	1-Chloro-8-aminoanthraquinone
19 221840	2-Chloro-3-aminoanthraquinone
19 221850	o-Chloroaminobenzoic acid
19 221860	Chloroaminophenols
19 221861	o-Chloroaminophenol (6-Chloro-2-hydroxyaniline)
19 221862	p-Chloroaminophenol (2-Chloro-4-hydroxyaniline)
19 221869	Chloroaminophenols, not elsewhere classified
19 221870	Chloroaminophenolsulfonic acid
19 221880	5-Chloro-2-aminotoluene hydrochloride
19 221910	Chloroanilines
19 221911	o-Chloroaniline
19 221912	m-Chloroaniline
19 221913	p-Chloroaniline
19 221919	Chloroanilines, not elsewhere classified
19 221920	p-Chloroanilinesulfonic acid
19 221930	o-Chloroanilinesulfonic acid
19 221940	Chloroanisidine
19 221950	Chloroanthraquinone
19 221960	2-Chloroanthraquinone-3-carboxylic acid
19 221970	o-Chlorobenzaldehyde

CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued  
*Intermediates, Cyclic—Continued*

19 221980	4-Chlorobenzaldehyde-2-sulfonic acid
19 222010	Chlorobenzanthrone
19 222020	Chlorobenzene, mono
19 222030	4-Chlorobenzene-2-sulfonic acid
19 222040	Chlorobenzoic acids
19 222041	2-Chlorobenzoic acid
19 222042	3-Chlorobenzoic acid
19 222043	4-Chlorobenzoic acid
19 222049	Chlorobenzoic acids, not elsewhere classified
19 222050	1-Chloro-5-benzoylaminoanthraquinone
19 222060	Chlorobenzoylbenzoic acid
19 222070	Chlorobenzyl disulfide
19 222080	1-Chloro-2-carboxyanthraquinone
19 222110	3-Chloro-6-carboxy-3-methoxydiphenylamine, potassium salt
19 222120	p-Chloro-m-cresol
19 222130	$\beta$ -Chlorodiethylaminoethane hydrochloride
19 222140	2-Chloro-1,4-dihydroxyanthraquinone (Chloroquinizarin)
19 222150	Chlorohydroxyquinoline
19 222160	Chlorometanilic acid
19 222170	Chloromethylantraquinone
19 222180	Chloronaphthalenes
19 222181	Monochloronaphthalenes
19 222182	Dichloronaphthalenes
19 222183	Trichloronaphthalenes
19 222184	Tetrachloronaphthalenes
19 222185	Hexachloronaphthalenes
19 222189	Chloronaphthalenes, not elsewhere classified
19 222210	o-Chloro-p-nitroaniline
19 222220	p-Chloronitroaniline
19 222230	p-Chloro-o-nitroaniline
19 222240	1-Chloro-5-nitroanthraquinone
19 222250	1-Chloro-8-nitroanthraquinone
19 222260	2-Chloro-5-nitrobenzoic acid
19 222270	4-Chloro-3-nitrobenzotrifluoride
19 222280	6-Chloro-4-nitro-1,3-dimethoxybenzene
19 222310	4-Chloro-2-nitrotoluene
19 222320	6-Chloro-2-nitrotoluene
19 222330	Chlorophenols
19 222331	1,2-Chlorophenol (o-Chlorophenol)
19 222332	1,4-Chlorophenol (p-Chlorophenol)
19 222339	Chlorophenols, not elsewhere classified
19 222340	Chlorophenylhydrazine-p-sulfonic acid
19 222350	2-Chloro-5-phenylphenol
19 222360	Chlorosulfobenzoic acid
19 222370	Chlorosulfophenylmethylpyrazolone
19 222380	2-Chloro-terephthalylbenzoic acid
19 222410	Chlorotoluenes
19 222411	o-Chlorotoluene (2-Chloro-1-methylbenzene)
19 222412	m-Chlorotoluene (3-Chloro-1-methylbenzene)
19 222413	p-Chlorotoluene (4-Chloro-1-methylbenzene)
19 222414	2-Chloro-4-toluene sodium sulfonate
19 222415	4-Chlorotoluene-2-sulfonic acid
19 222419	Chlorotoluenes, not elsewhere classified
19 222420	Chlorotoluidines
19 222421	4-Chloro-2-toluidine
19 222422	5-Chloro-2-toluidine
19 222423	Chlorotoluidinesulfonic acid
19 222424	2-Chloro-4-toluidine-5-sulfonic acid
19 222429	Chlorotoluidines, not elsewhere classified
19 222430	Chlorotolylbenzoic acid
19 222440	Chloro-o-tolylthioglycolic acid
19 222450	5-Chloro-m-xylene (1,3-Dimethyl-5-chlorobenzene)
19 222460	Chloroxylidinesulfonic acid
19 222470	Cresidine

# CHEMICALS—Continued

## BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

### Intermediates, Cyclic—Continued

19	222480	Cresols
19	222481	o-Cresol
19	222482	m-Cresol
19	222483	p-Cresol
19	222484	Cresol (meta, para)
19	222485	Cresol (ortho, meta, para)
19	222489	Cresols, not elsewhere classified)
19	222510	m-Cresol methyl ether
19	222520	Cresotic acids (Cresotinic acid)
19	222521	o-Cresotic acid
19	222522	p-Cresotic acid
19	222529	Cresotic acids (Cresotinic acid), not elsewhere classified
19	222530	Cresylic acid, refined
19	222531	From coal tar
19	222532	From petroleum
19	222540	Cresyl glycol
19	222550	o-Cresyl-p-toluenesulfonate
19	222560	Cumidine
19	222570	Cyanoacetylcoumarone
19	222750	Decylbenzene
19	222760	Dehydrothio-p-toluidine
19	222770	Dehydrothio-p-toluidinesulfonic acid
19	222780	m-Diaminoanisole
19	222810	Diaminoanthraquinone
19	222820	1,4-Diaminoanthraquinone
19	222830	2,6-Diaminoanthraquinone
19	222840	Diaminoanthrarufin
19	222850	3,3-Diaminoazoxybenzene
19	222860	4,4-Diamino-1,1-dianthraquinonylamide
19	222870	Diaminodibenzanthronyl
19	222880	Diamino-N,N-dibutylphenylenediamine
19	222910	4,4'-Diamino-2,2'-dimethyldiphenylmethane
19	222920	1,8-Diaminodinitroanthraquinone
19	222930	4,4'-Diaminodiphenylamine
19	222940	4,4'-Diaminodiphenyl sulfate
19	222950	4,4'-Diaminodiphenylamine-2-sulfonic acid
19	222960	Diaminophenetol
19	222970	3,3'-Diaminodiphenylurea
19	222980	2,6-Diaminopyridine
19	223010	Diaminostilbenedisulfonic acid
19	223020	2,6-Diaminotoluene-4-sulfonic acid
19	223030	1,5-Dianilidoanthraquinone-o-o'-dicarboxylic acid
19	223040	Dianisidine
19	223050	Dianthraquinoneimines
19	223051	1,1'-Dianthraquinoneimine
19	223052	1,1'-Dianthraquinoneimine, diamino
19	223053	1,1'-Dianthraquinoneimine, 4,4'-dibenzoyldiamino-
19	223054	1,1'-Dianthraquinoneimine, 4,5-dibenzoyldiamino-
19	223055	1,1'-Dianthraquinoneimine, dinitro-
19	223059	Dianthraquinoneimines, not elsewhere classified
19	223060	1,1'-Dianthraquinylamine
19	223070	Diazodiphenyl ether
19	223080	1-Diazo-2-naphthol-4-sulfonic acid
19	223110	Diazosalicylic acid
19	223120	Dibenzanthrone
19	223130	2,2'-Dibenzanthronyl
19	223140	13,13'-Dibenzanthronyl
19	223150	4,5-Dibenzoylamino-1-dianthraquinonylamine
19	223160	1,5-Dibenzoylnaphthalene
19	223170	Dibenzyl
19	223180	Dibenzylaniline
19	223210	Dibenzyl sodium sulfanilate
19	223220	Dibromoaminoanthraquinone
19	223230	p-Dibromobenzene
19	223240	Dibromofluorescein



CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

*Intermediates, Cyclic*—Continued

19	223250	p-Dibromodihydroxynaphthalene
19	223260	Dibromopyranthrone
19	223270	Di-tert-butyl-m-cresol
19	223280	Dichloroacetoacetanilide
19	223310	Dichloroaniline (Dichlorophenylamine)
19	223320	Dichloroaniline hydrochloride
19	223330	Dichloroanilinesulfonic acid
19	223340	Di-(chloroanisoldiazo)-di-iminodiacetic acid
19	223350	1,5-Dichloroanthraquinone
19	223360	1,8-Dichloroanthraquinone
19	223370	1,8-Dichloroanthraquinone-4,5-disulfonic acid
19	223380	2,6-Dichlorobenzal chloride
19	223410	2,6-Dichlorobenzaldehyde
19	223420	Dichlorobenzenes
19	223421	1,2-Dichlorobenzene (o-Dichlorobenzene)
19	223422	1,4-Dichlorobenzene (p-Dichlorobenzene)
19	223429	Dichlorobenzenes, not elsewhere classified
19	223430	Dichlorobenzidine
19	223440	Dichlorobenzyl disulfides
19	223450	1,8-Dichloro-4,5-dinitroanthraquinone
19	223460	Dichlorohydrazine
19	223470	2,6-Dichlorohydroxythionaphthalene
19	223480	2,4-Dichlorophenol
19	223510	Dichloropyrazolone
19	223520	Dichlorosulphophenylmethylpyrazolone
19	223540	2,4-Dichlorotoluene
19	223550	Dicyclohexylamine
19	223560	2,5-Diethoxyaniline
19	223570	1,4-Diethoxybenzene
19	223580	1-Diethylamino-4-aminopentane
19	223610	1-Diethylamino-4-aminopentanone
19	223620	Diethylaminobenzaldehyde
19	223630	3-Diethylaminophenol
19	223640	3-Diethylaminoacetanilide
19	223650	Diethylaniline
19	223660	Diethylaniline-m-sulfonic acid
19	223670	Diethyl-m-toluidine
19	223680	Diformyl-m-tylenediamine
19	223710	Dihydroxyaminoanthraquinone
19	223720	1,4-Dihydroxyanthraquinone
19	223730	1,5-Dihydroxyanthraquinone
19	223740	1,8-Dihydroxyanthraquinone
19	223750	Dihydroxydibenzanthrone
19	223760	2,2'-Dihydroxy-5,5'-dichlorodiphenylmethane
19	223770	1,5'-Dihydroxy-4,8-dinitroanthraquinone (4,8-Dinitro anthra-rufin)
19	223780	2,2'-Dihydroxy-3,5', 6,3', 5,6'-hexachlorodiphenylmethane
19	223810	5,5'-Dihydroxy-7,7'-disulfonic-2,2'-dinaphthylamine (Rhoduline acid)
19	223820	5,5'-Dihydroxy-7,7'-disulfonic-2,2'-dinaphthylurea (J acid urea)
19	223830	5,5'-Dihydroxy-di- $\beta$ -naphthylamine-7,7'-disulfonic acid (I acid imide)
19	223840	Dihydroxyethylaniline
19	223850	Dihydroxyethyl-3-toluidine
19	223860	1,5-Dihydroxynaphthalene
19	223870	2,3-Dihydroxynaphthalene
19	223880	Dihydroxynaphthalenes
19	223881	1,8-Dihydroxynaphthalene-3,6-disulfonic acid (Chromotropic acid)
19	223882	1,8-Dihydroxynaphthalene-4-sulfonic acid
19	223883	2,3-Dihydroxynaphthalene-6-sulfonic acid
19	223889	Dihydroxynaphthalenes, not elsewhere classified
19	223910	Dihydroxy-1-naphthionic acid
19	223920	Dihydroxyphenylindolinone

CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

*Intermediates, Cyclic*—Continued

- 19 223930 4,4'-Dihydroxyphenyl sulfone
- 19 223940 Dimethanil-4-sulfonic acid, sodium salt
- 19 223950 1,4-Dimethoxybenzene
- 19 223960 Dimethylaminobenzaldehyde
- 19 223970 Dimethylaniline
- 19 223980 2,4-Dimethyl-6-tert-butylacetophenone
- 19 224010 1,3-Dimethyl-5-tert-butylbenzene
- 19 224020 Dimethyldiaminomethylacridine hydrochloride
- 19 224030 Dimethyldianthraquinonyl
- 19 224040 2,7-Dimethylfluoran
- 19 224050 Dimethyl-1-naphthylamine
- 19 224060 Dinaphthyldicarbonic acid
- 19 224070 Dinitroaniline
- 19 224080 Dinitroanthraquinone
- 19 224110 Dinitroanthrarufin disodium sulfonate
- 19 224120 Dinitrobenzenes
  - 19 224121 o-Dinitrobenzene (1,2-Dinitrobenzene)
  - 19 224122 m-Dinitrobenzene (1,3-Dinitrobenzene)
  - 19 224123 p-Dinitrobenzene (1,4-Dinitrobenzene)
  - 19 224129 Dinitrobenzenes, not elsewhere classified
- 19 224130 Dinitrobenzenesulfonic acid
- 19 224140 Dinitrochlorobenzene
- 19 224150 Dinitrochlorobenzenesulfonic acid
- 19 224160 3,5-Dinitro-4-chlorobenzoic acid
- 19 224170 2,6-Dinitro-4-chlorophenol
- 19 224180 Dinitro-o-cresol
- 19 224210 Dinitrodibenzanthronyl
- 19 224220 Dinitrohydroxydiphenylamine
- 19 224230 Dinitrophenol
- 19 224240 Dinitrostilbenedisulfonic acid
- 19 224250 Dinitrotetramethyldiaminodiphenylmethane
- 19 224260 Dinitrotoluenesulfonic acid
- 19 224270 Dioxy S acid
- 19 224280 Diphenoxyanthraquinones
  - 19 224281 1,5-Diphenoxyanthraquinone
  - 19 224289 Diphenoxyanthraquinones, not elsewhere classified
- 19 224310 Diphenylamine
- 19 224320 Diphenyl (Biphenyl) and derivatives
  - 19 2243201 o-Aminodiphenyl
  - 19 2243202 p-Aminodiphenyl
  - 19 2243203 2-Bromo-4-phenylphenol
  - 19 2243204 2-Chloro-6-phenylphenol
  - 19 2243205 2-Chloro-6-phenylphenol, sodium salt
  - 19 2243206 Diphenyl
  - 19 2243207 sym.-Di (o-biphenyl) thiourea
  - 19 2243208 Diphenyl epsilon acid
  - 19 2243211 2,2'-Nitrodiphenyl
  - 19 2243212 2-Nitrodiphenyl sulfonic acid
  - 19 2243213 4,4'-Nitrodiphenyl
  - 19 2243214 2-Phenylphenol
  - 19 2243215 4-Phenylphenol
  - 19 2243216 Polychlorodiphenyl
  - 19 2243217 Sodium o-phenylphenate
  - 19 2243299 Diphenyl (Biphenyl) and derivatives, not elsewhere classified
- 19 224330 Dipyrzoldianthrone
- 19 224340 Distilbenediphenol
- 19 224350 1,3-Di-(p-toluidine) anthraquinone
- 19 224360 1,4-Di-(p-toluidine) anthraquinone
- 19 224370 Dodecylbenzene
- 19 224610 6-Ethoxy-3-hydroxythionaphthalene
- 19 224620 2-Ethoxy-6-sulfo-naphthalene
- 19 224630 Ethyl aminobenzoate
- 19 224640 Ethyl-o-amino-p-cresol



CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued  
Intermediates, Cyclic—Continued

19 224650	Ethylanilines
19 224651	Monoethylaniline
19 224652	Diethylaniline
19 224660	Ethylbenzene
19 224670	Ethylbenzoylbenzoate
19 224680	Ethylbenzoylcyclohexylamine
19 224710	Ethylbenzylaniline
19 224720	Ethylbenzylanilinesulfonic acid
19 224730	Ethylbenzyl-m-toluidine
19 224740	Ethylbenzyl-m-toluidinesulfonic acid
19 224750	Ethylsalicyl carbonate
19 224760	Ethyltoluidines
19 224761	Ethyl-o-toluidine
19 224762	Ethyl-o-toluidine-p-sulfonic acid
19 224763	Ethyl-m-toluidine
19 224769	Ethyltoluidines, not elsewhere classified
19 224810	Fluorene
19 224820	Fluorescein
19 224850	Gallamide
19 224860	Glycerol monoethylaniline (Dihydroxypropylethyl aniline)
19 224880	Hexachlorobenzene
19 224910	1,1',2,2'-Hydrazinedibromoanthraquinone
19 224920	Hydroquinone
19 224930	1-Hydroxyanthraquinone
19 224940	1-Hydroxy-4-aminoanthraquinone
19 224950	Hydroxydichlorobenzoylbenzoic acid
19 224960	3-Hydroxydiphenylamine
19 224970	Hydroxyethanesulfonic acid, sodium salt
19 224980	Hydroxyethylethylaniline
19 225010	2-Hydroxy-1-naphthoic acid
19 225020	2-Hydroxy-3-naphthoic acid
19 225030	1-Hydroxy-4-nitroanthraquinone
19 225040	p-Hydroxyphenylarsonic acid
19 225050	4-Hydroxyphenyl-2-naphthylamine
19 225110	Indene
19 225120	Indophenol
19 225121	Indophenol blue
19 225122	Indophenol green
19 225130	Isatin
19 225140	Isodibenzanthrone
19 225150	Isoviolanthrone
19 225210	Laurenone
19 225220	Leuco-1,4-dimethyldiaminoanthraquinone
19 225230	Leuco indophenol BCFN
19 225240	Leuco quinizarin
19 225250	Leuco tetrahydroxyanthraquinone
19 225310	Metanilic acid
19 225320	2-Methoxy-4-aminodiphenylamine-2'-sulfonic acid
19 225330	4-Methoxy-4-aminodiphenylamine
19 225340	1-Methoxyanthraquinone
19 225350	2-Methoxy-6,9-dichloroacridine
19 225360	2-Methoxy-4-nitrodiphenylamine-2'-sulfonic acid
19 225370	4-Methoxy-4-nitrodiphenylamine-2'-sulfonic acid
19 225380	Methoxy-omega-sulfonic acid
19 225410	Methylacetanilide
19 225420	Methylaminoanthraquinone
19 225430	4-Methyl-4'-aminodiphenylamine-2-sulfonic acid
19 225440	Methyl-m-amino-p-hydroxybenzoate
19 225450	Methylaminosulfobenzoic acid
19 225460	2-Methylanthraquinone
19 225470	2-Methylbenzanthrone
19 225480	Methylene-(N,N'-bis-4-chloro-1-methoxy-2-azophenyl)-di-imino di-sodium acetate
19 225510	Methylenebismethylaminoantipyrine
19 225520	Methyl-p-hydroxybenzoic acid



CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

*Intermediates, Cyclic*—Continued

- 19 225530 N-Methylnaphthoquinoline (N-Methyl anthrapyridine)
- 19 225540 2-Methylquinoline (Quinaldine)
- 19 225550 Methylstyrene
- 19 225560 Naphthalene, refined, solidifying at 79° C. or above
- 19 225561 From American crude naphthalene
- 19 225562 From imported crude naphthalene
- 19 225570 Naphthalenedisulfonic acids
- 19 225571 1,5-Naphthalenedisulfonic acid
- 19 225572 1,6-Naphthalenedisulfonic acid
- 19 225573 2,7-Naphthalenedisulfonic acid
- 19 225579 Naphthalenedisulfonic acids, not elsewhere classified
- 19 225580 Naphthalene sodium sulfonates
- 19 225581 1-Naphthalene sodium sulfonate
- 19 225582 2-Naphthalene sodium sulfonate
- 19 225610 Naphthalenesulfonic acids
- 19 225611 2-Naphthalenesulfonic acid
- 19 225619 Naphthalenesulfonic acids, not elsewhere classified
- 19 225620 Naphthalene- $\beta$ -thioglycolic acid
- 19 225630 Naphthalene-1,3,6-trisulfonic acid
- 19 225640 Naphthalene-1,3,6-trisulfonic acid, sodium salt
- 19 225650 Naphthols
- 19 225651  $\alpha$ -Naphthol
- 19 225652  $\beta$ -Naphthol
- 19 225659 Naphthols, not elsewhere classified
- 19 225660 1-Naphthol-8-chloro-3,6-disulfonic acid (Chloro H acid)
- 19 225670 Naphtholdisulfonic acids
- 19 225671 1-Naphthol-2,7-disulfonic acid
- 19 225672 1-Naphthol-3,6-disulfonic acid, monosodium salt (GR acid, sodium salt)
- 19 225673 1-Naphthol-3,8-disulfonic acid, monosodium salt (Epsilon acid, sodium salt)
- 19 225674 1-Naphthol-4,7-disulfonic acid (D acid)
- 19 225675 1-Naphthol-4,8-disulfonic acid, disodium salt (Schoellkopf's acid)
- 19 225676 2-Naphthol-3,6-disulfonic acid, disodium salt (R acid, sodium salt)
- 19 225677 2-Naphthol-3,7-disulfonic acid, disodium salt (F acid, sodium salt)
- 19 225678 2-Naphthol-6,8-disulfonic acid, disodium salt (G acid, sodium salt)
- 19 225679 Naphtholdisulfonic acids, not elsewhere classified
- 19 225680 1,8-Naphthol sulfamide
- 19 225710 Naphtholsulfonic acids, except naphthol disulfonic and trisulfonic acids
- 19 225711 1-Naphthol-3-sulfonic acid
- 19 225712 1-Naphthol-4-sulfonic acid (Neville and Winther's acid)
- 19 225713 1-Naphthol-5-sulfonic acid (L acid, sodium salt)
- 19 225714 1-Naphthol-8-sulfonic acid
- 19 225715 2-Naphthol-1-sulfonic acid (Tobias acid)
- 19 225716 2-Naphthol-6-sulfonic acid (Schaeffer's acid)
- 19 225717 2-Naphthol-7-sulfonic acid (Cassella's acid)
- 19 225718 2-Naphthol-8-sulfonic acid (Croceine acid)
- 19 225719 Naphtholsulfonic acids, except di and trisulfonic acids, not elsewhere classified
- 19 225720 Naphtholtrisulfonic acids
- 19 225721 1-Naphthol-3,6,8-trisulfonic acid, trisodium salt
- 19 225722 2-Naphthol-3,6,8-trisulfonic acid, trisodium salt
- 19 225729 Naphtholtrisulfonic acids, not elsewhere classified
- 19 225730 1,8-Naphthosultone-3,6-disulfonic acid
- 19 225740 1,8-Naphthosultone-3-sulfonic acid
- 19 225750 Naphthylamines
- 19 225751 1-Naphthylamine
- 19 225752 2-Naphthylamine
- 19 225759 Naphthylamines, not elsewhere classified

CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued  
Intermediates, Cyclic—Continued

- |            |   |
|------------|---|
| 19 225760  | Naphthylaminedisulfonic acids   |
| 19 2257601 | 1-Naphthylamine-2,7-disulfonic acid (Kalle's acid)                                      |
| 19 2257602 | 1-Naphthylamine-3,6-disulfonic acid, mono sodium salt (Freund's acid, mono sodium salt) |
| 19 2257603 | 1-Naphthylamine-3,8-disulfonic acid, mono sodium salt (Epsilon acid, mono sodium salt)  |
| 19 2257604 | 1-Naphthylamine-4,6-disulfonic acid (Dahl's acid II)                                    |
| 19 2257605 | 1-Naphthylamine-4,7-disulfonic acid (Dahl's acid III)                                   |
| 19 2257606 | 1-Naphthylamine-4,8-disulfonic acid (Delta acid)  |
| 19 2257607 | 1-Naphthylamine-5,7-disulfonic acid   |
| 19 2257608 | 2-Naphthylamine-1,6-disulfonic acid   |
| 19 2257611 | 2-Naphthylamine-3,6-disulfonic acid (Amino R acid)                                      |
| 19 2257612 | 2-Naphthylamine-4,8-disulfonic acid   |
| 19 2257613 | 2-Naphthylamine-5,7-disulfonic acid (Armstrong and Wynne's acid II)                     |
| 19 2257614 | 2-Naphthylamine-6,8-disulfonic acid (Amino G acid)                                      |
| 19 2257699 | Naphthylaminedisulfonic acids, not elsewhere classified                                 |
| 19 225770  | 1-Naphthylaminesulfamic acid  |
| 19 225810  | Naphthylaminesulfonic acids, except naphthylaminedi- and trisulfonic acids              |
| 19 2258101 | 1-Naphthylamine-2-sulfonic acid (o-Naphthionic acid)                                    |
| 19 2258102 | 1-Naphthylamine-4-sulfonic acid (Naphthionic acid)                                      |
| 19 2258103 | 1-Naphthylamine-4-sulfonic acid, sodium salt (Sodium naphthionate)                      |
| 19-2258104 | 1-Naphthylamine-5-sulfonic acid (Laurent's acid)  |
| 19 2258105 | 1-Naphthylamine-6-sulfonic acid (Cleve's $\beta$ -acid)                                 |
| 19 2258106 | 1-Naphthylamine-6 and 7-sulfonic acid (Cleve's acid)                                    |
| 19 2258107 | 1-Naphthylamine-7-sulfonic acid   |
| 19 2258108 | 1-Naphthylamine-8-sulfonic acid   |
| 19 2258111 | 2-Naphthylamine-1-sulfonic acid (Tobias acid)   |
| 19 2258112 | 2-Naphthylamine-5-sulfonic acid, sodium salt (Dahl's acid, mono sodium salt)            |
| 19 2258113 | 2-Naphthylamine-6-sulfonic acid (Broenner's acid)                                       |
| 19 2258114 | 2-Naphthylamine-7-sulfonic acid, sodium salt (Bayer acid, sodium salt)                  |
| 19 2258115 | 2-Naphthylamine-8-sulfonic acid, sodium salt (Badische acid, sodium salt)               |
| 19 2258199 | Naphthylaminesulfonic acids, not elsewhere classified                                   |
| 19 225820  | Naphthylaminetrisulfonic acids  |
| 19 2258201 | 1-Naphthylamine-3,6,8-trisulfonic acid (Koch's acid)                                    |
| 19 2258202 | 1-Naphthylamine-4,6,8-trisulfonic acid  |
| 19 2258203 | 2-Naphthylamine-3,6,8-trisulfonic acid  |
| 19 2258299 | Naphthylamine trisulfonic acids, not elsewhere classified                               |
| 19 225830  | 1-Naphthylaminoanthraquinone-2-carboxylic acid  |



# CHEMICALS—Continued

## BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

### Intermediates, Cyclic—Continued

19	225840	Nitroacetanilides
19	225841	o-Nitroacetanilide
19	225842	p-Nitroacetanilide
19	225849	Nitroacetanilides, not elsewhere classified
19	225850	Nitroaminodiphenylaminesulfonic acid
19	225860	6-Nitro-3-(p-toluene sulfon)-amino-4-methoxytoluene
19	225870	Nitroaminophenols
19	225871	p-Nitro-o-aminophenol
19	225879	Nitroaminophenols, not elsewhere classified
19	225880	4-Nitro-2-aminophenol-6-sulfonic acid
19	225910	6-Nitro-2-aminophenol-4-sulfonic acid
19	225920	4-Nitro-4'-amino-2-sulfodiphenylamine
19	225930	Nitroanilines
19	225931	o-Nitroaniline
19	225932	m-Nitroaniline
19	225933	p-Nitroaniline
19	225939	Nitroanilines, not elsewhere classified
19	225940	p-Nitroanilinesulfonic acid
19	225950	Nitroanisidines
19	225951	3-Nitro-4-anisidine (3-Nitro-4-aminoanisole)
19	225952	4-Nitro-2-anisidine (4-Nitro-2-aminoanisole)
19	225953	5-Nitro-2-anisidine (5-Nitro-2-aminoanisole)
19	225959	Nitroanisidines, not elsewhere classified
19	225960	5-Nitro-2-anisidinesulfonic acid urea
19	225970	Nitroanisoles
19	225971	o-Nitroanisole
19	225972	p-Nitroanisole
19	225979	Nitroanisoles, not elsewhere classified
19	225980	2-Nitroanisole-4-sulfodiethylamide
19	226010	1-Nitroanthraquinone-2-carboxylic acid
19	226020	Nitrobenzene, mono
19	226030	Nitrobenzene-2,5-disulfonic acid
19	226040	Nitrobenzenesulfonic acid
19	226050	Nitrobenzoic acids
19	226051	m-Nitrobenzoic acid
19	226052	p-Nitrobenzoic acid
19	226059	Nitrobenzoic acids, not elsewhere classified
19	226060	Nitrobenzoyl chlorides
19	226061	m-Nitrobenzoyl chloride
19	226062	p-Nitrobenzoyl chloride
19	226069	Nitrobenzoyl chlorides, not elsewhere classified
19	226070	Nitrobenzoyl J acids
19	226071	m-Nitrobenzoyl J acid
19	226072	p-Nitrobenzoyl J acid
19	226079	Nitrobenzoyl J acids, not elsewhere classified
19	226080	m-Nitrobenzoylsulfonic acid
19	226110	Nitrobutyrylaminodiethylhydroquinone
19	226120	Nitrochlorobenzenes
19	226121	o-Nitrochlorobenzene
19	226122	m-Nitrochlorobenzene
19	226123	p-Nitrochlorobenzene
19	226129	Nitrochlorobenzenes, not elsewhere classified
19	226130	2-Nitro-1-chlorobenzene-4-sulfo butylamide
19	226140	2-Nitro-1-chlorobenzene-4-sulfo diethylamide
19	226150	Nitrochlorobenzenesulfonic acids
19	226151	o-Nitrochlorobenzene-p-sulfonic acid
19	226152	p-Nitrochlorobenzene-o-sulfonic acid
19	226159	Nitrochlorobenzenesulfonic acids, not elsewhere classified
19	226160	3-Nitro-4-chlorobenzoylbenzoic acid
19	226170	2-Nitro-4-chlorophenol
19	226180	2,4,6-Nitrochlorophenolsulfonic acid
19	226210	2-Nitro-4-chlorotoluene
19	226220	m-Nitro-p-cresol
19	226230	Nitrocresol methyl ether



# CHEMICALS—Continued

## BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

### Intermediates, Cyclic—Continued

19 226240	8-Nitro-1-diazo-2-naphthol-4-sulfonic acid
19 226250	Nitro-1,4-dichlorobenzene (Nitro-p-dichlorobenzene)
19 226260	4-Nitrodiphenylamine-2-sulfonic acid
19 226270	2-Nitrohydroquinone, diethylether
19 226280	2-Nitrohydroquinone, dimethylether
19 226310	3-Nitro-4-hydroxy-1-phenylarsonic acid
19 226320	4-Nitro-1-methylaniline
19 226330	1-Nitro-2-methylanthraquinone
19 226340	Nitronaphthalene
19 226350	2-Nitronaphthalene-4,8-disulfonic acid
19 226360	1-Nitronaphthalene-8-sulfonic acid
19 226370	1-Nitronaphthalenetrisulfonic acid
19 226380	Nitrophenetols
19 226381	o-Nitrophenetol
19 226382	p-Nitrophenetol
19 226389	Nitrophenetols, not elsewhere classified
19 226410	Nitrophenols
19 226411	o-Nitrophenol
19 226412	p-Nitrophenol
19 226419	Nitrophenols, not elsewhere classified
19 226420	o-Nitrophenolsulfamide
19 226430	Nitrophenylaminediazamine
19 226440	Nitropyrazolone
19 226450	m-Nitrosalicylic acid
19 226460	p-Nitrosodiethylaniline
19 226470	p-Nitrosodimethylaniline
19 226480	p-Nitrosoethylbenzylaniline
19 226510	4-Nitrosohydroxyethylethylaniline
19 226520	Nitroso- $\beta$ -naphthol
19 226530	Nitrosophenol
19 226540	4-Nitrotoluene anilide (p-Nitro-o-toluidide)
19 226550	Nitrotoluenes, mono
19 226551	o-Nitrotoluene
19 226552	m-Nitrotoluene
19 226553	p-Nitrotoluene
19 226559	Nitrotoluenes, not elsewhere classified
19 226560	2-Nitrotoluene-4-sulfodimethylamine
19 226570	o-Nitrotoluenesulfonic acid
19 226580	p-Nitrotoluene-o-sulfonic acid
19 226610	Nitrotoluidines
19 226611	3-Nitro-4-toluidine (m-Nitro-p-toluidine)
19 226612	4-Nitro-2-toluidine (p-Nitro-o-toluidine)
19 226613	5-Nitro-2-toluidine (m-Nitro-o-toluidine)
19 226619	Nitrotoluidines, not elsewhere classified
19 226620	Nitrotoluidinesulfone
19 226630	5-Nitro-1,2,4-trichlorobenzene
19 226640	Nitroviolanthrene
19 226650	Nitroxylenes
19 226651	2-Nitro-1,4-xylene
19 226652	4-Nitro-1,3-xylene
19 226659	Nitroxylenes, not elsewhere classified
19 226810	Oxalyl-p-nitroaniline
19 226820	Oxalyl-m-phenylenediamine
19 226830	Oxalyl-p-phenylenediamine
19 226910	Panta-anthramide (1,4,5,8-Tetrakis(1',1'',1''',1''''-anthraquinonylamino)anthraquinone)
19 226920	Pentachlorobenzene
19 226930	Pentachlorophenol
19 226940	Pentachlorophenol, sodium salt
19 226950	Phenanthrene
19 226960	Phenetidines
19 226961	o-Phenetidine
19 226962	p-Phenetidine
19 226969	Phenetidines, not elsewhere classified

# CHEMICALS—Continued

## BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

### Intermediates, Cyclic—Continued

19 226970	Phenol (Carbolic acid), except medicinal grade
19 226971	Natural
	19 22697110 39° m. p.
	19 22697111 From coal tar
	19 22697119 From other sources
	19 22697120 82-84 percent
	19 22697121 From coal tar
	19 22697129 From other sources
	19 22697190 Miscellaneous phenol, natural,
	19 22697191 From coal tar
	19 22697199 From other sources
19 226972	Synthetic
	19 22697210 39° m. p.
	19 22697211 By caustic fusion
	19 22697212 From chlorobenzene by vapor phase hydrolysis
	19 22697213 From chlorobenzene by liquid phase hydrolysis
	19 22697219 By other methods
	19 22697220 82-84 percent
	19 22697221 By caustic fusion
	19 22697222 From chlorobenzene by vapor phase hydrolysis
	19 22697223 From chlorobenzene by liquid phase hydrolysis
	19 22697229 By other methods
	19 22697290 Miscellaneous phenol, synthetic
	19 22697291 By caustic fusion
	19 22697292 From chlorobenzene by vapor phase hydrolysis
	19 22697293 From chlorobenzene by liquid phase hydrolysis
	19 22697299 By other methods
19 226979	Phenol (Carbolic acid), except medicinal grade, not elsewhere classified
19 226980	Phenolsulfonic acids
19 226981	o-Phenolsulfonic acid
19 226982	p-Phenolsulfonic acid
19 226989	Phenolsulfonic acids, not elsewhere classified
19 227010	2-Phenylamino-5-naphthol-7-sulfonic acid (Phenyl J acid)
19 227020	2-Phenylamino-8-naphthol-6-sulfonic acid (Phenylgamma acid)
19 227030	Phenylammoniumnaphtholate
19 227040	1-Phenyl-3-carboxy-5-pyrazolone-4-sulfonic acid
19 227050	Phenylenediamines
19 227051	m-Phenylenediamine (1,3-Diaminobenzene)
19 227052	p-Phenylenediamine (1,4-Diaminobenzene)
19 227059	Phenylenediamines, not elsewhere classified
19 227060	Phenylenediaminesulfonic acids
19 227061	m-Phenylenediaminedisulfonic acid (1,3-Diaminobenzene-4,6-disulfonic acid)
19 227062	m-Phenylenediaminemonosulfonic acid (1,3-Diaminobenzene-4-monosulfonic acid)
19 227063	p-Phenylenediaminemonosulfonic acid (1,4-Diaminobenzene-2-sulfonic acid)
	Phenylenediaminesulfonic acids, not elsewhere classified
19 227069	Phenylethanolamine
19 227080	Phenylethylmalonic esters
19 227110	Phenylethylmalonic acid esters
19 227111	Phenylethylmalonic acid, diethyl ester
19 227112	Phenylethylmalonic acid, monoethyl ester
19 227119	Phenylethylmalonic acid esters, not elsewhere classified
19 227120	Phenylglycine, sodium salt
19 227130	Phenylhydrazine

CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

*Intermediates, Cyclic*—Continued

19 227140	Phenylhydrazine hydrochloride
19 227150	Phenylhydrazinesulfonic acids
19 227151	Phenylhydrazine-2-sulfonic acid
19 227152	Phenylhydrazine-3-sulfonic acid
19 227153	Phenylhydrazine-4-sulfonic acid
19 227159	Phenylhydrazinesulfonic acids, not elsewhere classified
19 227160	Phenylketonehydroxynaphthalene
19 227170	1-Phenyl-3-methyl-5-pyrazolone
19 227180	Phenylmethylpyrazolone-4-sulfonic acid
19 227210	Phenyl-1-naphthylamine-8-sulfonic acid
19 227220	Phenylsemicarbazides
19 227230	Phthalamide
19 227240	Phthalic acid
19 227250	Phthalic anhydride
19 227260	Phthalonitrile
19 227270	Phthalyl chloride
19 227280	Picolines
19 227281	α-Picoline
19 227282	β-Picoline
19 227283	γ-Picoline
19 227289	Picolines, not elsewhere classified
19 227310	Picramic acid
19 227320	Picramic salts
19 227330	Piperidine
19 227340	Primuline, base
19 227350	Primuline sulfonic acid
19 227360	Propiophenone
19 227370	Pyrazolanthrone
19 227380	Pyrazolone
19 227410	Pyridine, refined
19 227710	Quinaldine yellow, base
19 227720	Quinizarin sulfonic acid
19 227730	Quinoline
19 227740	Quinolinic acid
19 227810	Red KB, base
19 227820	Resorcinol
19 227830	β-Resorcylic acid
19 227910	Salicylic acid
19 227920	Salicylic anilide (Shirlan)
19 227930	Sodium hydroxyethane sulfonate
19 227940	Sodium xylene sulfonate
19 227950	Styrene (Vinyl benzene)
19 227951	Rubber grade
19 227952	Styrene, except rubber grade
19 227960	Sulfanilic acid
19 227970	Sulfanilic acid salts
19 227980	o-Sulfobenzaldehyde
19 228010	p-Sulfo-o-benzoylbenzoic acid (Sulfo BB acid)
19 228020	1-Sulfo-5-nitroanthraquinone
19 228030	Sulfophenylmethylpyrazolone
19 228110	Tetra-aminoditolylmethane
19 228120	1,4,5,8-Tetrachloroanthraquinone
19 228130	Tetrachlorobenzene
19 228140	Tetrachlorophenol
19 228150	Tetraethyldiaminobenzhydrol
19 228160	Tetraethyldiaminobenzophenone
19 228170	Tetraethyldiaminodiphenylmethane
19 228180	Tetramethyldiaminodiphenylmethane sulfonate
19 228210	Tetramethyldiaminobenzhydrol (Michler's hydrol)
19 228220	Tetramethyldiaminobenzophenone (Michler's ketone)
19 228230	Tetramethyldiaminodiphenylmethane
19 228240	Theobromine
19 228250	Thioaniline



# CHEMICALS—Continued

## BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

### Intermediates, Cyclic—Continued

- 19 228260 Thioanilinedisulfonic acid
- 19 228270 3,3'-Thio-bis-7-mesobenzanthrenone
- 19 228280 Tolazine, base
- 19 228310 o-Tolidine
- 19 228320 o-Tolidine hydrochloride
- 19 228330 o-Tolidine sulfate
- 19 228340 Tolidinedisulfonic acid
- 19 228350 Toluenesulfamides
- 19 228351 o-Toluenesulfamide
- 19 228352 p-Toluenesulfamide
- 19 228359 Toluenesulfamides, not elsewhere classified
- 19 228360 p-Toluenesulfonic acid
- 19 228370 p-Toluenesulfonic acid, ethyl ester
- 19 228380 p-Toluenesulfonyl chloride
- 19 228410 Toluidines
- 19 228411 o-Toluidine
- 19 228412 m-Toluidine
- 19 228413 p-Toluidine
- 19 228419 Toluidines, not elsewhere classified
- 19 228420 4-Toluidine-2-sulfoanilide
- 19 228430 Toluidine sulfochloride
- 19 228440 2-Toluidine-4-sulfodimethylamine
- 19 228450 Toluidinesulfonic acids
- 19 228451 o-Toluidine-omega-methanesulfonic acid
- 19 228452 o-Toluidine-m-sulfonic acid (2-Aminotoluene-5-sulfonic acid)
- 19 228453 p-Toluidine-o-sulfonic acid (4-Aminotoluene-2-sulfonic acid)
- 19 228459 Toluidinesulfonic acids, not elsewhere classified
- 19 228460 p-Toluidinesulfonic acid, isopropyl ester
- 19 228470 p-Tolyl-o-benzoic acid
- 19 228480 Tolylenediamines
- 19 228481 m-Tolylenediamine
- 19 228482 p-Tolylenediamine
- 19 228489 Tolylenediamines, not elsewhere classified
- 19 228510 p-Tolylenediamine sulfate
- 19 228520 Tolylenediaminesulfonic acids
- 19 228521 m-Tolylenediaminesulfonic acid
- 19 228522 p-Tolylenediaminesulfonic acid
- 19 228523 2,6-Tolylenediamine-4-sulfonic acid
- 19 228529 Tolylenediaminesulfonic acids, not elsewhere classified
- 19 228530 Toly-1-naphthylamine-8-sulfonic acid (Tolyl peri acid)
- 19 228540 Trianthraquinonyldi-imide
- 19 228550 2,4,6-Tribromophenol
- 19 228560 Trichlorobenzene
- 19 228570 Trichlorophenoxyethoxyethylchloride
- 19 228580 1,2,4-Trihydroxyanthraquinone
- 19 228810 Veratraldehyde (3,4-Dimethoxybenzaldehyde)
- 19 228820 Violanthrene (Dibenzanthrone)
- 19 228840 m-Xylene
- 19 228850 Xylenols, refined
- 19 228851 Low boiling point
- 19 228852 Medium boiling point
- 19 228853 High boiling point
- 19 228860 Xylidines
- 19 228861 m-Xylidine
- 19 228862 o-Xylidine
- 19 228863 p-Xylidine
- 19 228869 Xylidines, not elsewhere classified
- 19 228870 m-Xylidine acetate
- 19 228880 m-Xylidine salts
- 19 228910 m-Xylidinesulfonic acid
- 19 228920 Xylol disulfide
- 19 229990 Intermediates, cyclic, not elsewhere classified

CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

19 230000

*Dyes*

19 231000

Classified dyes (by "Colour Index" number)

19 231010

Nitroso and nitro dyes

19 2310101 2—Fast printing green

19 2310102 5—Naphthol green

19 2310103 10—Naphthol yellow S

19 2310104 11—Amido yellow E

19 2310199 Nitroso and nitro dyes, not elsewhere classified

19 231020

Azo, Mono-, dyes

19 2310201 16—Acid yellow G

19 2310202 17—Spirit yellow R

19 2310203 19—Oil yellow

19 2310204 20—Chrysoidine Y

19 2310205 21—Chrysoidine R

19 2310206 24—Sudan I

19 2310207 27—Orange G

19 2310208 29—Chromotrope 2R

19 2310211 31—Amido naphthol red G

19 2310212 36—Chrome yellow 2G

19 2310213 40—Chrome yellow R

19 2310214 52—Mordant yellow 4G

19 2310215 53—Victoria violet

19 2310216 56—Chromotrope 6B

19 2310217 57—Amidonaphthol red 6B

19 2310218 73—Sudan II

19 2310221 79—Ponceau 2R

19 2310222 84—Double ponceau R

19 2310223 88—Fast red B

19 2310224 98—Chrome brown R

19 2310225 101—Chromate brown B

19 2310226 105—Acid chrome brown R

19 2310227 110—Chrome flavine G

19 2310228 114—Azo esoine G

19 2310231 122—Chrome yellow 5G

19 2310232 128—Direct pink

19 2310233 130—Direct pink EBN

19 2310234 138—Metanil yellow

19 2310235 142—Methyl orange

19 2310236 145—Azo flavine 2R

19 2310237 146—Azo yellow

19 2310238 148—Resorcin yellow

19 2310241 151—Orange II

19 2310242 161—Orange R

19 2310243 163—Lake red 4B

19 2310244 165—Lake red C

19 2310245 167—Acid chrome brown B

19 2310246 168—Acid chrome garnet R

19 2310247 169—Chrome violet R

19 2310248 170—Chrome black PV

19 2310251 175—Acid brown R

19 2310252 176—Fast red A

19 2310253 179—Azo rubine

19 2310254 180—Fast Red VR

19 2310255 184—Amaranth

19 2310256 185—Cochineal red

19 2310257 189—Lake red R

19 2310258 195—Mordant yellow

19 2310261 197—Chrome yellow RN

19 2310262 201—Chrome blue black B

19 2310263 202—Chrome blue black U

19 2310264 203—Chrome black T

19 2310265 204—Chrome black A

19 2310266 208—Fast acid blue R

# CHEMICALS—Continued

## BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

### Dyes—Continued

#### Classified dyes—Continued

##### Azo, Mono-, dyes—Continued

19 2310267	209—Fast acid blue B
19 2310268	216—Chrome red B
19 2310271	219—Eriochrome flavine A
19 2310299	Azo, mono-, dyes, not elsewhere classified

19 231030

##### Azo, Dis, dyes

19 2310301	234—Resorcin brown B
19 2310302	235—Resorcin dark brown
19 2310303	238—Acid chrome brown G
19 2310304	246—Acid black 10B
19 2310305	247—Acid dark green A
19 2310306	252—Brilliant croceine
19 2310307	258—Sudan IV
19 2310308	262—Cloth red 2B
19 2310311	267—Neutral gray G
19 2310312	274—Milling orange G
19 2310313	278—Direct fast red 8BL
19 2310314	280—Scarlet EC
19 2310315	288—Fast cyanine G
19 2310316	289—Fast cyanine 5R
19 2310317	292—Eriochrome verdon S
19 2310318	299—Chrome black F
19 2310321	302—Chrome blue green B
19 2310322	304—Fast acid black N2B
19 2310323	307—Fast cyanine black B
19 2310324	316—Developed blue NA
19 2310325	317—Developed blue B
19 2310326	319—Direct fast heliotrope 2B
19 2310327	324—Developed brilliant orange GR
19 2310328	325—Diamine brilliant violet B
19 2310331	326—Direct fast scarlet
19 2310332	327—Direct fast scarlet 4BS
19 2310333	331—Bismarck brown
19 2310334	332—Bismarck brown 2R
19 2310335	343—Chrome fast yellow C
19 2310336	346—Direct fast yellow 5GL
19 2310337	349—Benzo fast yellow 4GL
19 2310338	353—Direct fast pink 2BL
19 2310341	364—Paper yellow
19 2310342	365—Chrysophenine G
19 2310343	370—Congo red
19 2310344	375—Congo corinth G
19 2310345	376—Direct rubine
19 2310346	382—Direct scarlet B
19 2310347	387—Direct violet B
19 2310348	394—Direct violet N
19 2310351	401—Developed black BHN
19 2310352	403—Chlorantine fast gray B
19 2310353	406—Direct blue 2B
19 2310354	409—Benzo brown SZ
19 2310355	411—Cresotine yellow G
19 2310356	415—Direct orange R
19 2310357	419—Direct fast red F
19 2310358	420—Direct brown M
19 2310361	430—Polar red G
19 2310362	436—Direct brilliant red 8B
19 2310363	443—Milling red 2G
19 2310364	446—Direct orange RT
19 2310365	448—Benzopurpurine 4B
19 2310366	471—Direct blue 3R
19 2310367	472—Direct blue BX
19 2310368	477—Direct blue 3B
19 2310371	478—Direct orange G



# CHEMICALS—Continued

## BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

### Dyes—Continued

#### Classified dyes—Continued

##### Azo, Tris-, dyes—Continued

	19 2310372	487—Acid milling red B
	19 2310373	495—Benzopurpurine 10B
	19 2310374	502—Direct azurine G
	19 2310375	512—Direct blue RW
	19 2310376	515—Direct blue B
	19 2310377	518—Direct pure blue 6B
	19 2310399	Azo, Dis-, dyes, not elsewhere classified

##### 19 231040 Azo, Tris-, dyes

	19 2310401	520—Direct pure blue
	19 2310402	533—Direct fast blue FR
	19 2310403	534—Naphthogene blue 4R
	19 2310404	539—Direct fast black FF
	19 2310405	544—Pluto black 5BS
	19 2310406	552—Diazo black RS
	19 2310407	561—Direct brown BT
	19 2310408	576—Direct fast blue B
	19 2310411	581—Direct black EW
	19 2310412	582—Direct black RX
	19 2310413	583—Direct green BT
	19 2310414	589—Chloramine green B
	19 2310415	593—Direct green B
	19 2310416	594—Direct green G
	19 2310417	595—Direct olive G
	19 2310418	596—Direct brown 3GO
	19 2310421	598—Congo brown G
	19 2310499	Azo, Tris-, dyes, not elsewhere classified

##### 19 231050 Azo, Tetrakis-, dyes

	19 2310501	606—Direct brown G
	19 2310599	Azo, Tetrakis-, dyes, not elsewhere classified

##### 19 231060 Stilbene dyes

	19 2310601	620—Direct yellow R
	19 2310602	621—Chloramine orange G
	19 2310603	622—Stilbene yellow
	19 2310604	628—Diphenyl catechine G
	19 2310605	631—Direct chrysoine G
	19 2310699	Stilbene dyes, not elsewhere classified

##### 19 231070 Pyrazolone dyes

	19 2310701	636—Fast light yellow 2G
	19 2310702	639—Fast light yellow
	19 2310703	640—Tartrazine
	19 2310704	647—Dianil yellow 3G
	19 2310705	652—Chrome red B
	19 2310706	653—Pyrazol orange G
	19 2310707	654—Developed fast yellow 2G
	19 2310799	Pyrazolone dyes, not elsewhere classified

##### 19 231080 Ketonimine dyes

	19 2310801	655—Auramine
	19 2310899	Ketonimine dyes, not elsewhere classified

##### 19 231110 Triphenylmethane and diphenylnaphthylmethane dyes

	19 2311101	657—Malachite green
	19 2311102	658—Rhoduline blue 6G
	19 2311103	662—Brilliant green
	19 2311104	663—Setocyanine
	19 2311105	666—Acid green B
	19 2311106	667—Fast acid green B
	19 2311107	671—Acid glaucine blue
	19 2311108	672—Xylene blue VS

CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

Dyes—Continued

Classified dyes—Continued

Triphenylmethane and diphenylnaphthylmethane—Continued

- 19 2311111 673—Xylene blue AS
- 19 2311112 676—Para fuchsine (p-Fuchsine)
- 19 2311113 677—Magenta
- 19 2311114 680—Methyl violet and base
- 19 2311115 681—Crystal violet
- 19 2311116 682—Ethyl violet
- 19 2311117 689—Spirit blue 2B
- 19 2311118 696—Fast acid violet 10B
- 19 2311121 698—Acid violet
- 19 2311122 699—Acid fast violet BG
- 19 2311123 703—Alkali blue 6B
- 19 2311124 705—Methyl blue
- 19 2311125 706—Methyl cotton blue
- 19 2311126 707—Soluble blue
- 19 2311127 710—Brilliant sky blue 5G
- 19 2311128 712—Patent blue
- 19 2311131 714—Patent blue A
- 19 2311132 715—Xylene cyanol FF
- 19 2311133 717—Acid violet 6BN
- 19 2311134 720—Eriochrome azurol B
- 19 2311135 721—Chromal blue GC
- 19 2311136 722—Eriochrome cyanine R
- 19 2311137 729—Victoria blue B
- 19 2311138 735—Naphthalene green V
- 19 2311141 737—Wool green S
- 19 2311199 Triphenylmethane and diphenyl-  
naphthylmethane dyes, not else-  
where classified

19 231120

Xanthene dyes

- 19 2311201 748—Xylene red B
- 19 2311202 749—Rhodamine B
- 19 2311203 752—Rhodamine 6G
- 19 2311204 758—Fast acid violet A2R
- 19 2311205 766—Uranine
- 19 2311206 768—Eosine (Tetrabromofluorescein)  
(Bromo acid)

19 231130

Acridine dyes

- 19 2311301 788—Acridine orange A
- 19 2311302 793—Phosphine
- 19 2311303 797—Euchrysine
- 19 2311399 Acridine dyes, not elsewhere clas-  
sified

19 231140

Quinoline dyes

- 19 2311401 801—Quinoline yellow
- 19 2311402 802—Quinoline yellow KT
- 19 2311499 Quinoline dyes, not elsewhere classi-  
fied

19 231150

Thiazole dyes

- 19 2311501 812—Primuline
- 19 2311502 814—Direct fast yellow
- 19 2311503 815—Thioflavine T
- 19 2311504 816—Direct brilliant flavine S
- 19 2311599 Thiazole dyes, not elsewhere classified

19 231160

Azine dyes

- 19 2311601 833—Wool fast blue GL
- 19 2311602 841—Safranin
- 19 2311603 853—Acid cyanine BF
- 19 2311604 860—Induline, spirit-soluble
- 19 2311605 861—Induline, water-soluble
- 19 2311606 864—Nigrosine, spirit-soluble
- 19 2311607 865—Nigrosine, water-soluble
- 19 2311699 Azine dyes, not elsewhere classified

# CHEMICALS—Continued

## BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

### Dyes—Continued

#### Classified dyes—Continued

19 231170	Aniline black and related dyes	
	19 2311701	871—Diphenyl black base
	19 2311702	873—New fast gray
	19 2311703	875—Fur black
	19 2311799	Aniline black and related dyes, not elsewhere classified
19 231180	Oxazine dyes	
	19 2311801	883—Gallocyanine
	19 2311802	909—Cotton blue
	19 2311899	Oxazine dyes, not elsewhere classified
19 231210	Thiazine dyes	
	19 2312101	922—Methylene blue
	19 2312102	924—Methylene green B
	19 2312199	Thiazine dyes, not elsewhere classified
19 231220	Sulfide dyes	
	19 2312201	969—Carbazole vat blue R
	19 2312202	971—Carbazole vat blue G
	19 2312203	Sulfur black
	19 2312204	Sulfur blue
	19 2312205	Sulfur brown
	19 2312206	Sulfur green
	19 2312207	Sulfur khaki
	19 2312208	Sulfur maroon
	19 2312211	Sulfur olive
	19 2312212	Sulfur orange
	19 2312213	Sulfur tan
	19 2312214	Sulfur yellow
	19 2312299	Sulfide dyes, not elsewhere classified
19 231230	Hydroxyketone, hydroxylactone, and hydroxyquinone dyes	
	19 2312301	1019—Alizarin black S
	19 2312399	Hydroxyketone, hydroxylactone, and hydroxyquinone dyes, not elsewhere classified
19 231240	Anthraquinone dyes	
	19 2312401	1027—Alizarin
	19 2312402	1033—Alizarin orange A
	19 2312403	1034—Alizarin red S
	19 2312404	1035—Alizarin brown
	19 2312405	1040—Alizarin SX
	19 2312406	1043—Pseudopurpurine
	19 2312407	1053—Acid alizarin blue SE
	19 2312408	1054—Acid alizarin blue B
	19 2312411	1062—Anthracene blue WR
	19 2312412	1063—Anthracene blue WRS
	19 2312413	1064—Alizarin cyclamine R
	19 2312414	1067—Alizarin blue S
	19 2312415	1073—Alizarin irisol R
	19 2312416	1075—Alizarin astrol B
	19 2312417	1076—Cyananthrol R
	19 2312418	1078—Alizarin cyanine green E
	19 2312421	1080—Acid anthraquinone violet B
	19 2312422	1084—Alizarin viridine FF
	19 2312423	1085—Anthraquinone blue black B
	19 2312424	1088—Acid anthraquinone blue B
	19 2312425	1091—Acid alizarin rubine
	19 2312499	Anthraquinone dyes, not elsewhere classified
19 231250	Anthraquinone vat dyes	
	19 2312501	1095—Anthraquinone vat yellow GC
	19 2312502	1096—Anthraquinone vat golden orange G
	19 2312503	1097—Anthraquinone vat golden orange R
	19 2312504	1098—Anthraquinone vat scarlet GS
	19 2312505	1099—Anthraquinone vat dark blue B
	19 2312506	1101—Anthraquinone vat jade green



CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

Dyes—Continued

Classified dyes—Continued

Anthraquinone vat dyes—Continued

19 2312507	1102—Anthraquinone vat green B and black B
19 2312508	1103—Anthraquinone vat violet R
19 2312511	1104—Anthraquinone vat violet 2R
19 2312512	1105—Anthraquinone vat violet B
19 2312513	1106—Anthraquinone vat blue RS
19 2312514	1109—Anthraquinone vat blue 3G
19 2312515	1110—Anthraquinone vat blue GGSZ
19 2312516	1113—Anthraquinone vat blue GCD
19 2312517	1114—Anthraquinone vat blue BCS
19 2312518	1116—Anthraquinone vat green BB
19 2312521	1118—Anthraquinone vat yellow G
19 2312522	1120—Anthraquinone vat brown B
19 2312523	1128—Anthraquinone vat pink R
19 2312524	1132—Anthraquinone vat yellow R
19 2312525	1135—Anthraquinone vat brilliant yellow R
19 2312526	1149—Anthraquinone vat brown GR
19 2312527	1150—Anthraquinone vat olive R
19 2312528	1151—Anthraquinone vat brown R
19 2312531	1152—Anthraquinone vat brown G
19 2312532	1161—Anthraquinone vat red violet RRN
19 2312533	1162—Anthraquinone vat red BN, extra
19 2312534	1163—Anthraquinone vat violet BN
19 2312535	1169—Cibanone orange R
19 2312536	1170—Anthraquinone vat yellow R
19 2312537	1172—Cibanone black 2G
19 2312599	Anthraquinone vat dyes, not elsewhere classified

19 231260

Aryldoquinone vat dyes, except derivatives of anthraquinone

19 2312601	1176—Indigosol yellow HCG
19 2312699	Aryldoquinone vat dyes, except derivatives of anthraquinone, not elsewhere classified

19 231270

Indigoid and thioindigoid dyes

19 2312701	1177—Indigo, synthetic
19 2312702	1178—Indigo white
19 2312703	1180—Indigotine
19 2312704	1183—Tribromindigo RB
19 2312705	1184—Bromindigo blue 2BD
19 2312706	1188—Indigo, NBR
19 2312707	1189—Brilliant indigo 4G
19 2312708	1190—Brilliant indigo B
19 2312711	1197—Ciba pink B
19 2312712	1210—Vat red B
19 2312713	1212—Vat red 3B
19 2312714	1217—Vat orange R
19 2312715	1218—Vat scarlet R
19 2312799	Indigoid and thioindigoid dyes, not elsewhere classified

19 231990

Classified dyes, not elsewhere classified

19 232000

Unclassified dyes

19 232100

Azo dyes

19 2321001	Acetate silk black
19 2321002	Acetate silk blue
19 2321003	Acetate silk brilliant blue (azo)
19 2321004	Acetate silk developed sapphire blue
19 2321005	Acetate silk developed yellow
19 2321006	Acetate silk direct scarlet
19 2321007	Acetate silk fast black
19 2321008	Acetate silk fast blue
19 2321011	Acetate silk fast blue green
19 2321012	Acetate silk fast brown
19 2321013	Acetate silk fast navy blue
19 2321014	Acetate silk fast pink

# CHEMICALS—Continued

## BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

### Dyes—Continued

#### Unclassified dyes—Continued

##### Azo dyes—Continued

19	2321015	Acetate silk fast red
19	2321016	Acetate silk fast red violet
19	2321017	Acetate silk fast rubine
19	2321018	Acetate silk fast yellow (azo)
19	2321021	Acetate silk green blue
19	2321022	Acetate silk heliotrope
19	2321023	Acetate silk navy blue (azo)
19	2321024	Acetate silk orange
19	2321025	Acetate silk pure blue
19	2321026	Acetate silk red (azo)
19	2321027	Acetate silk rubine
19	2321028	Acetate silk scarlet
19	2321031	Acetate silk turquoise
19	2321032	Acetate silk violet
19	2321033	Acetate silk yellow
19	2321034	Acid alizarin green
19	2321035	Acid anthracene brown
19	2321036	Acid black
19	2321037	Acid blue
19	2321038	Acid blue black
19	2321041	Acid Bordeaux
19	2321042	Acid brilliant blue
19	2321043	Acid brilliant milling yellow
19	2321044	Acid brown
19	2321045	Acid chrome blue
19	2321046	Acid chromal brown
19	2321047	Acid fast red
19	2321048	Acid fast yellow
19	2321051	Acid light rubine
19	2321052	Acid milling brown
19	2321053	Acid milling yellow
19	2321054	Acid navy blue
19	2321055	Acid orange
19	2321056	Acid red
19	2321057	Acid spirit orange
19	2321058	Acid spirit yellow
19	2321061	Acid violet
19	2321062	Acid yellow
19	2321063	Anthracene blue
19	2321064	Anthracene chrome brown
19	2321065	Artificial silk black
19	2321066	Azoanthrene dyes
19	2321067	Azo Bordeaux
19	2321068	Azo fast orange
19	2321071	Azo fast red
19	2321072	Azo fast violet
19	2321073	Azo fast yellow
19	2321074	Azo green
19	2321075	Azo oil black
19	2321076	Azo oil blue black
19	2321077	Azo orange
19	2321078	Azo red
19	2321081	Azo rubine
19	2321082	Azo scarlet
19	2321083	Benzoform dyes
19	2321084	Black
19	2321085	Brilliant acid blue
19	2321086	Brilliant benzo violet
19	2321087	Brilliant milling blue (azo)
19	2321088	Brilliant wool blue
19	2321091	Chromate brown
19	2321092	Chrome black
19	2321093	Chrome black blue

CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

Dyes—Continued

Unclassified dyes—Continued

Azo dyes—Continued

19 2321094	Chrome blue
19 2321095	Chrome blue black
19 2321096	Chrome brown
19 2321097	Chrome fast green
19 2321098	Chrome fast yellow
19 2321101	Chrome green
19 2321102	Chrome verdon
19 2321103	Chrome yellow
19 2321104	Croceine scarlet
19 2321105	Developed black
19 2321106	Developed blue
19 2321107	Developed Bordeaux
19 2321108	Developed brilliant green
19 2321111	Developed brilliant scarlet
19 2321112	Developed brown
19 2321113	Developed fast black
19 2321114	Developed fast brown
19 2321115	Developed fast red
19 2321116	Developed fast turquoise
19 2321117	Developed fast violet
19 2321118	Developed fast yellow (azo)
19 2321121	Developed green
19 2321122	Developed indigo blue
19 2321123	Developed orange
19 2321124	Developed red
19 2321125	Developed rubine
19 2321126	Developed scarlet
19 2321127	Developed sky blue
19 2321128	Developed violet
19 2321131	Diazophen red
19 2321132	Direct black
19 2321133	Direct blue
19 2321134	Direct Bordeaux
19 2321135	Direct brilliant blue
19 2321136	Direct brilliant green
19 2321137	Direct brilliant red
19 2321138	Direct brilliant violet
19 2321141	Direct brown
19 2321142	Direct catechine
19 2321143	Direct chrome black blue
19 2321144	Direct chrome blue black
19 2321145	Direct chrome brown
19 2321146	Direct copper blue
19 2321147	Direct fast black
19 2321148	Direct fast blue
19 2321151	Direct fast brown (azo)
19 2321152	Direct fast gray
19 2321153	Direct fast light blue
19 2321154	Direct fast olive brown
19 2321155	Direct fast orange (azo)
19 2321156	Direct fast red
19 2321157	Direct fast rubine
19 2321158	Direct fast turquoise blue
19 2321161	Direct fast violet
19 2321162	Direct fast yellow (azo)
19 2321163	Direct gray
19 2321164	Direct green
19 2321165	Direct light yellow
19 2321166	Direct navy
19 2321167	Direct navy blue
19 2321168	Direct orange
19 2321171	Direct rhoduline red
19 2321172	Direct sky blue



CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

Dyes—Continued

Unclassified dyes—Continued

Azo dyes—Continued

19	2321173	Direct violet
19	2321174	Direct violet black
19	2321175	Direct viscose blue
19	2321176	Fast acid blue
19	2321177	Fast acid Bordeaux
19	2321178	Fast acid brown
19	2321181	Fast acid light red
19	2321182	Fast acid red
19	2321183	Fast acid violet
19	2321184	Fast acid yellow (azo)
19	2321185	Fast blue
19	2321186	Fast chrome brown
19	2321187	Fast jasmine
19	2321188	Fast light red
19	2321191	Fast light rubine
19	2321192	Fast orange
19	2321193	Fast pink
19	2321194	Fast violet
19	2321195	Fast yellow
19	2321196	Formaldehyde black
19	2321197	Formaldehyde red
19	2321198	Formal fast black
19	2321201	Formalide deep blue
19	2321202	Formanol black
19	2321203	Gas yellow
19	2321204	Hansa yellow
19	2321205	Helio red
19	2321206	Heliogene blue
19	2321207	Heliogene green
19	2321208	Jet black
19	2321211	Lake blue
19	2321212	Lake red
19	2321213	Lake yellow (azo)
19	2321214	Leather brown
19	2321215	Milling red
19	2321216	Milling yellow (azo)
19	2321217	Neutral brown
19	2321218	Oil brown
19	2321221	Oil fast yellow
19	2321222	Oil orange
19	2321223	Oil red
19	2321224	Paper red
19	2321225	Pigment rubine
19	2321226	Polyform dyes
19	2321227	Pyrazoline dyes
19	2321228	Rayon dyes
19	2321231	Resorcin brown
19	2321232	Rosanthere
19	2321233	Rosanthere orange
19	2321234	Silk brown
19	2321235	Zambesi black
19	2321999	Azo dyes, not elsewhere classified
19	232200	Azoic dyes and their components
19	2322001	Rapid fast blue
19	2322002	Rapid fast brown
19	2322003	Rapid fast orange
19	2322004	Rapid fast red
19	2322005	Rapidogene black
19	2322006	Rapidogene black brown
19	2322007	Rapidogene blue
19	2322008	Rapidogene Bordeaux
19	2322011	Rapidogene brown
19	2322012	Rapidogene golden yellow

CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

Dyes—Continued

Unclassified dyes—Continued

Azoic dyes and their components—Continued

- 19 2322013 Rapidogene orange
- 19 2322014 Rapidogene red
- 19 2322015 Rapidogene red violet
- 19 2322016 Rapidogene scarlet
- 19 2322017 Rapidogene violet
- 19 2322018 Rapidogene yellow
- 19 2322021 Fast color base blue
- 19 2322022 Fast color base Bordeaux
- 19 2322023 Fast color base garnet
- 19 2322024 Fast color base red
- 19 2322025 Fast color base scarlet
- 19 2322026 Fast color salt black
- 19 2322027 Fast color salt blue
- 19 2322028 Fast color salt Bordeaux
- 19 2322031 Fast color salt garnet
- 19 2322032 Fast color salt orange
- 19 2322033 Fast color salt red
- 19 2322034 Fast color salt scarlet
- 19 2322035 Fast color salt variamine blue
- 19 2322036 Fast color salt violet
- 19 2322037 Naphthol AS
- 19 2322038 Naphthol AS, BG
- 19 2322041 Naphthol AS, BO
- 19 2322042 Naphthol AS, BR
- 19 2322043 Naphthol AS, BS
- 19 2322044 Naphthol AS, D
- 19 2322045 Naphthol AS, DB
- 19 2322046 Naphthol AS, G
- 19 2322047 Naphthol AS, ITR
- 19 2322048 Naphthol AS, OL
- 19 2322051 Naphthol AS, RL
- 19 2322052 Naphthol AS, SW
- 19 2322053 Naphthol AS, TR
- 19 2322999 Azoic dyes and their components, not elsewhere classified

19 232300

Stilbene dyes

- 19 2323001 Developed fast yellow (azine)
- 19 2323002 Direct chrome brown
- 19 2323003 Direct fast brown (stilbene)
- 19 2323004 Direct fast orange (stilbene)
- 19 2323999 Stilbene dyes, not elsewhere classified

19 232400

Pyrazolone dyes

- 19 2324001 Azo fast orange
- 19 2324002 Developed brilliant orange
- 19 2324003 Fast acid yellow (pyrazolone)
- 19 2324004 Milling yellow (pyrazolone)
- 19 2324005 Sulfon orange
- 19 2324999 Pyrazolone dyes, not elsewhere classified

19 232500

Triphenylmethane dyes

- 19 2325001 Alkali fast green
- 19 2325002 Brilliant indocyanine
- 19 2325003 Brilliant milling blue (triphenylmethane)
- 19 2325004 Brilliant wool blue (triphenylmethane)
- 19 2325005 Indocyanine
- 19 2325006 Patent blue
- 19 2325007 Victoria blue
- 19 2325999 Triphenylmethane dyes, not elsewhere classified

19 232600

Acridine, quinoline, thiazole, and azine dyes

- 19 2326001 Acridine yellow
- 19 2326002 Direct fast yellow (thiazole)
- 19 2326003 Induline base blacks
- 19 2326004 Lake yellow (quinoline)

# CHEMICALS—Continued

## BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued Dyes—Continued

### Unclassified dyes—Continued

#### Acridine, quinoline, thiazole, and azine dyes—Continued

- 19 2326005 Nigrosine base
- 19 2326006 Oil blue
- 19 2326007 Oil green
- 19 2326008 Phosphine (acridine base)
- 19 2326999 Acridine, quinoline, thiazole, and azine dyes, not elsewhere classified

19 232700

#### Anthraquinone and anthraquinone vat dyes

- 19 2327001 Acetate silk brilliant blue (anthraquinone)
- 19 2327002 Acetate silk fast yellow (anthraquinone)
- 19 2327003 Acetate silk navy blue (anthraquinone)
- 19 2327004 Acetate silk red (anthraquinone)
- 19 2327005 Acetate silk red violet (anthraquinone)
- 19 2327006 Acetate silk violet (anthraquinone)
- 19 2327007 Algosol blue (anthraquinone vat)
- 19 2327008 Alizarin blue
- 19 2327011 Alizarin direct blue
- 19 2327012 Alizarin fast blue
- 19 2327013 Alizarin fast gray
- 19 2327014 Alizarin supra blue
- 19 2327015 Anthraquinone blue
- 19 2327016 Anthraquinone vat black
- 19 2327017 Anthraquinone vat black brown
- 19 2327018 Anthraquinone vat blue
- 19 2327021 Anthraquinone vat blue green
- 19 2327022 Anthraquinone vat Bordeaux
- 19 2327023 Anthraquinone vat brilliant orange
- 19 2327024 Anthraquinone vat brilliant red
- 19 2327025 Anthraquinone vat brilliant yellow
- 19 2327026 Anthraquinone vat brown
- 19 2327027 Anthraquinone vat direct black
- 19 2327028 Anthraquinone vat flavine
- 19 2327031 Anthraquinone vat golden orange
- 19 2327032 Anthraquinone vat golden yellow
- 19 2327033 Anthraquinone vat gray
- 19 2327034 Anthraquinone vat green
- 19 2327035 Anthraquinone vat khaki
- 19 2327036 Anthraquinone vat khaki 2 G
- 19 2327037 Anthraquinone vat navy blue
- 19 2327038 Anthraquinone vat olive
- 19 2327041 Anthraquinone vat olive T
- 19 2327042 Anthraquinone vat olive green
- 19 2327043 Anthraquinone vat olive green B
- 19 2327044 Anthraquinone vat olive GGL
- 19 2327045 Anthraquinone vat printing black
- 19 2327046 Anthraquinone vat printing green
- 19 2327047 Anthraquinone vat red
- 19 2327048 Anthraquinone vat violet
- 19 2327051 Anthraquinone vat yellow
- 19 2327052 Anthraquinone vat yellow 3RD
- 19 2327053 Fluoroleum supra
- 19 2327999 Anthraquinone and anthraquinone vat dyes, not elsewhere classified

19 232800

#### Indigoid and thioindigoid dyes

- 19 2328001 Algosol blue (indigoid)
- 19 2328002 Ciba blue
- 19 2328003 Ciba red
- 19 2328004 Ciba scarlet
- 19 2328005 Ciba violet
- 19 2328006 Indigo vat black
- 19 2328007 Indigo vat brown
- 19 2328008 Indigo vat pink
- 19 2328999 Indigoid and thioindigoid dyes, not elsewhere classified

19 232900

#### Unclassified dyes, not elsewhere classified



# CHEMICALS—Continued

## BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

### Dyes—Continued

- 19 233000 Food, drug, and cosmetic dyes
- 19 233100 Dyes, for use in food, drugs, and cosmetics
  - 19 2331201 Blue No. 1, FD&C
  - 19 2331202 Blue No. 2, FD&C
  - 19 2331401 Green No. 1, FD&C
  - 19 2331402 Green No. 2, FD&C
  - 19 2331501 Orange No. 1, FD&C
  - 19 2331502 Orange No. 2, FD&C
  - 19 2331601 Red No. 1, FD&C
  - 19 2331602 Red No. 2, FD&C
  - 19 2331603 Red No. 3, FD&C
  - 19 2331604 Red No. 4, FD&C
  - 19 2331638 Red No. 32, FD&C
  - 19 2331801 Yellow No. 1, FD&C
  - 19 2331802 Yellow No. 2, FD&C
  - 19 2331803 Yellow No. 3, FD&C
  - 19 2331804 Yellow No. 4, FD&C
  - 19 2331805 Yellow No. 5, FD&C
  - 19 2331806 Yellow No. 6, FD&C
  - 19 2331999 Dyes for use in food, drugs, and cosmetics, not elsewhere classified
- 19 233200 Dyes for use in drugs and cosmetics, but *not* in food
  - 19 2332504 Orange No. 4, D&C
  - 19 2332505 Orange No. 5, D&C
  - 19 2332517 Orange No. 15, D&C
  - 19 2332521 Orange No. 17, D&C
  - 19 2332605 Red No. 5, D&C
  - 19 2332606 Red No. 6, D&C
  - 19 2332607 Red No. 7, D&C
  - 19 2332608 Red No. 8, D&C
  - 19 2332611 Red No. 9, D&C
  - 19 2332612 Red No. 10, D&C
  - 19 2332613 Red No. 11, D&C
  - 19 2332614 Red No. 12, D&C
  - 19 2332615 Red No. 13, D&C
  - 19 2332623 Red No. 19, D&C
  - 19 2332625 Red No. 21, D&C
  - 19 2332626 Red No. 22, D&C
  - 19 2332637 Red No. 31, D&C
  - 19 2332642 Red No. 34, D&C
  - 19 2332643 Red No. 35, D&C
  - 19 2332999 Dyes for use in drugs and cosmetics but *not* in food, not elsewhere classified
- 19 233300 Dyes, for use in externally applied drugs and cosmetics, but *not* in food
  - 19 2333602 Red No. 2, Ext D&C
  - 19 2333805 Yellow No. 5, Ext D&C
  - 19 2333999 Dyes, for use in externally applied drugs and cosmetics, but *not* in food, not elsewhere classified
- 19 233900 Food, drug, and cosmetic dyes, not elsewhere classified
- 19 234000 Rubber colors, except rubber chemicals
- 19 235000 Pigmented resins (Pigmented emulsions)
- 19 236000 Biological stains and chemical indicators
- 19 239000 Dyes, not elsewhere classified
- 19 240000 *Color Lakes and Toners*
- 19 241000 Lakes and extended colors
  - 19 241010 Alizarin lakes
  - 19 241020 Azo Bordeaux lakes
  - 19 241030 Black lakes
  - 19 241040 Blue lakes
    - 19 241041 Phosphomolybdic acid blue lakes
    - 19 241042 Phosphotungstic acid blue lakes
    - 19 241043 Peacock blue lakes
    - 19 241049 Blue lakes, not elsewhere classified

CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued  
Color Lakes and Toners—Continued

Lakes and extended colors—Continued

- 19 241050 Brown lakes
- 19 241051 Phosphomolybdic acid brown lakes
- 19 241053 Brown lakes, except phosphomolybdic acid brown lakes
- 19 241060 Eosine and phloxine lakes
- 19 241070 Green lakes
- 19 241071 Phosphomolybdic acid green lakes
- 19 241072 Phosphotungstic acid green lakes
- 19 241079 Green lakes, not elsewhere classified
- 19 241080 Maroon lakes
- 19 241110 Methyl violet lakes
- 19 241120 Orange lakes
- 19 241123 Persian orange lakes
- 19 241124 Orange lakes, except Persian orange lakes
- 19 241130 Purple lakes
- 19 241131 Phosphomolybdic acid purple lakes
- 19 241132 Phosphotungstic acid purple lakes
- 19 241139 Purple lakes, not elsewhere classified
- 19 241140 Red lakes
- 19 241141 Phosphomolybdic acid red lakes
- 19 241142 Phosphotungstic acid red lakes
- 19 241149 Red lakes, not elsewhere classified
- 19 241150 Rubine lakes
- 19 241153 Helio fast rubine lakes
- 19 241154 Lithol rubine lakes
- 19 241159 Rubine lakes, not elsewhere classified
- 19 241160 Scarlet lakes
- 19 241163 Pigment scarlet lakes
- 19 241164 Scarlet 2R lakes
- 19 241169 Scarlet lakes, not elsewhere classified
- 19 241170 Tartrazine lakes
- 19 241180 Violet lakes
- 19 241210 Yellow lakes
- 19 241213 Fast light yellow lakes
- 19 241214 Quinoline yellow lakes
- 19 231219 Yellow lakes, not elsewhere classified
- 19 241990 Lakes and extended colors, not elsewhere classified
- 19 242000 Toners or full-strength organic colors
- 19 242010 Blue toners
- 19 242011 Phosphomolybdic acid blue toners
- 19 242012 Phosphotungstic acid blue toners
- 19 242013 Alkali blue toners
- 19 242014 Phthalocyanine toners
- 19 242019 Blue toners, not elsewhere classified
- 19 242020 Eosine and phloxine toners
- 19 242030 Green toners
- 19 242031 Phosphomolybdic acid green toners
- 19 242032 Phosphotungstic acid green toners
- 19 242033 Phthalocyanine green toners
- 19 242039 Green toners, not elsewhere classified
- 19 242040 Lithol toners
- 19 242050 Lithol rubine toners
- 19 242060 Maroon toners
- 19 242070 Methyl violet toners
- 19 242080 Orange toners
- 19 242083 Permanent orange toners
- 19 242084 Orange toners, except permanent orange toners
- 19 242110 Purple toners
- 19 242111 Phosphomolybdic acid purple toners
- 19 242112 Phosphotungstic acid purple toners
- 19 242119 Purple toners, not elsewhere classified
- 19 242120 Red toners
- 19 242121 Phosphomolybdic acid red toners
- 19 242122 Phosphotungstic acid red toners



CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

Color Lakes and Toners—Continued

Tones or full-strength organic colors—Continued

Red toners—Continued

- 19 242123 Lake red C toners
- 19 242124 Lake red D toners
- 19 242125 Para red toners
- 19 242126 Toluidine red toners
- 19 242129 Red toners, not elsewhere classified
- 19 242130 Scarlet toners
- 19 242140 Violet toners
- 19 242141 Phosphomolybdic acid violet toners
- 19 242143 Violet toners, except phosphomolybdic acid violet toners
- 19 242150 Yellow toners
- 19 242153 Benzidine yellow toners
- 19 242154 Hansa yellow toners
- 19 242159 Yellow toners, not elsewhere classified
- 19 242199 Toners or full-strength organic colors, not elsewhere classified
- 19 243000 Reduced toners
- 19 243010 Reduced lithol toners
- 19 243020 Reduced maroon toners
- 19 243030 Reduced phthalocyanine blue toners
- 19 243040 Reduced phthalocyanine green toners
- 19 243050 Reduced red toners
- 19 243053 Reduced lake red C toners
- 19 243054 Reduced lake red D toners
- 19 243055 Reduced para red toners
- 19 243056 Reduced toluidine red toners
- 19 243059 Reduced red toners, not elsewhere classified
- 19 243990 Reduced toners, not elsewhere classified
- 19 249000 Color lakes and toners, not elsewhere classified

Rubber Chemicals

Accelerators, cyclic, except mixtures

- 19 251010 Acetaldehyde-aniline
- 19 251020 Acetaldehyde-butyraldehyde-aniline
- 19 251030 Acetaldehyde-formaldehyde-aniline
- 19 251040 Acetaldehyde-p-toluidine-aniline
- 19 251050 Aminobenzothiazole
- 19 251060 Benzothiazole thiobenzoate (Benzoyl-2-benzothiazyl sulfide)
- 19 251070 2,2'-Benzothiazyl disulfide
- 19 251080 Benzothiazyl ethyl chlorocarbonate
- 19 251110 Benzothiazyl sulfide, zinc salt
- 19 251120 Benzothiazyl-2-sulphenethylamide
- 19 251130 Bis-N,N'-(2-benzothiazylthiomethyl)-urea
- 19 251140 Bis-4,5-dimethylthiazyl disulfide
- 19 251150 Bis-4-ethylthiazyl disulfide
- 19 251160 n-Butyraldehyde-aniline
- 19 251170 Butyraldehyde-butylidene-aniline
- 19 251180 Cresylidene-aniline
- 19 251210 Crotonilidene-aniline
- 19 251220 p,p'-Diaminodiphenylmethane
- 19 251230 Dibenzylamine
- 19 251240 Dibenzylammonium dibenzyl dithiocarbamate
- 19 251250 Dimethylethylenediphenyl dithiocarbamate, lead salt
- 19 251260 Dimethylethylenediphenyl dithiocarbamate, zinc salt
- 19 251270 Dinitrophenylbenzothiazyl sulfide
- 19 251280 Dinitrophenyl dimethyl dithiocarbamate
- 19 251310 Diphenylcarbamyl dimethyl dithiocarbamate
- 19 251320 Diphenylguanidine
- 19 251330 Diphenylguanidine acetate
- 19 251340 Diphenylguanidine oxalate
- 19 251350 Diphenylguanidine phthalate
- 19 251360 Di-o-tolylguanidine
- 19 251370 Di-o-tolylguanidine zinc chloride
- 19 251380 Di-tolylthiourea (Thiocarbtlouide)
- 19 251410  $\alpha$ -Ethyl- $\beta$ -propylacrolein-aniline



CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued  
*Rubber Chemicals*—Continued

Accelerators, cyclic, except mixtures—Continued

- 19 251420 Formaldehyde-aniline
- 19 251430 Formaldehyde-monoethylamine
- 19 251440 Heptaldehyde-aniline
- 19 251450 Mercaptobenzothiazole
- 19 251460 Mercaptobenzothiazolecyclohexylamine
- 19 251470 Mercaptobenzothiazole dinitrophenyl ester
- 19 251480 Mercaptobenzothiazole disulfide
- 19 251510 Mercaptobenzothiazole, lead salt
- 10 251520 Mercaptobenzothiazolemethylene-aniline
- 19 251530 Mercaptobenzothiazolemethylene-o-toluidine
- 19 251540 Mercaptobenzothiazole, potassium salt
- 19 251550 Mercaptobenzothiazole, sodium salt
- 19 251560 Mercaptobenzothiazole, zinc salt
- 19 251570 2-Mercaptothiazoline
- 19 251580 Methylene dianilide
- 19 251610 Methylenemercaptobenzothiazole
- 19 251620 1-Methylene- $\beta$ -naphthol ester of dimethyl dithiocarbamic acid
- 19 251630 Methylene-p-toluidine (Anhydroformaldehyde-p-toluidine)
- 19 251640 Phenylmercaptobenzothiazoles
- 19 251641 o-Phenylmercaptobenzothiazole
- 19 251642 p-Phenylmercaptobenzothiazole
- 19 251649 Phenylmercaptobenzothiazoles, not elsewhere classified
- 19 251650 Dithiocarbamates, cyclic
- 19 251651 Benzal dimethyl dithiocarbamate
- 19 251652 Dibenzylammonium dibenzyl dithiocarbamate
- 19 251653 Dibenzyl dithiocarbamate, zinc salt
- 19 251654 N-Phenylaminoethyl-N-phenyl dimethyl dithiocarbamate, lead salt
- 19 251655 Piperidine pentamethylene dithiocarbamate
- 19 251656 Piperidine pentamethylene dithiocarbamate, potassium salt
- 19 251657 Piperidine piperidyl dithiocarbamate
- 19 251658 N-(o-Tolylaminoethyl)-N-o-tolyl, salt dimethyl dithiocarbamate, lead
- 19 251659 Dithiocarbamates, cyclic, not elsewhere classified
- 19 251660 p-Quinone dioxime
- 19 251670 p-Quinone dioxime dibenzoate
- 19 251680 Thiocarbanilide
- (19 251380) Thiocarbtorluide
- 19 251710 Triphenylguanidine
- 19 251720 Tris-2-(diphenyl dithiocarbamyl)methylamine)
- 19 251730 Urea-butylaldehyde-aniline
- 19 251740 Xanthates
- 19 251741 Chloronaphthaxanthogenate
- 19 251749 Xanthates, not elsewhere classified
- 19 251990 Accelerators, cyclic, except mixtures, not elsewhere classified
- 19 252000 Accelerators, cyclic, mixtures
- 19 252010 Bis-N,N'-(2-benzothiazylthiomethyl)-urea, diphenylguanidine phthalate and anhydroformaldehyde-aniline
- 19 252020 Carbon disulfide-methylenedimethylcyclohexylamine
- 19 252030 Carbon disulfide-methylenedipiperidine
- 19 252040 Dinitrophenylbenzothiazyl sulfide and diphenylguanidine acetate
- 19 252050 Dinitrophenylguanidine and mercaptobenzothiazole dinitrophenyl ester
- 19 252060 Diphenylguanidine phthalate, diphenylguanidine acetate and mercaptobenzothiazole disulfide
- 19 252070 Diphenylguanidine phthalate, diphenylguanidine and mercaptobenzothiazole dinitrophenyl ester
- 19 252080 Di-o-tolylguanidine diphenylguanidine
- 19 252110 Mercaptobenzothiazole - formaldehyde - cresylic acid - hexamethylenetetramine
- 19 252120 Mercaptobenzothiazole on benzyl chloride-hexamethylene-tetramine

CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

Rubber Chemicals—Continued

Accelerators, cyclic, mixtures—Continued

- 19 252130 Mercaptobenzothiazole, zinc salt, and tetramethylthiuram monosulfide
- 19 252140 Mercaptobenzothiazole, zinc salt, tetramethylthiuram monosulfide and di-o-tolylguanidine
- 19 252150 Sulfonated thiocarbanilide acetaldehyde-ammonia compound
- 19 252990 Accelerators, cyclic, mixtures, not elsewhere classified
- 19 253000 Antioxidants, cyclic, except mixtures
- (19 251010) Acetaldehyde-aniline
- 19 253020 Aldol- $\alpha$ -naphthylamine
- 19 253030 p-Aminodiphenyl-acetone
- 19 253040 Aniline-acetone
- 19 253050 Aniline-acetone, acid derivatives
- 19 253060 Aniline- $\beta$ -naphthol
- 19 253070 Crotonilidene- $\alpha$ -naphthylamine
- 19 253080 2,4-Diaminodiphenylamine
- 19 253110 Di- $\beta$ -naphthol-p-phenylenediamine
- 19 253120  $\beta$ -Di-p-hydroxyphenylpropane
- 19 253130 Dimethoxy-diphenylamine
- 19 253140 Diphenylamine-acetone
- 19 253150 Diphenylamine-acetone formaldehyde
- 19 253160 Diphenylethylenediamine
- 19 253170 sym.-Di-( $\beta$ -naphthol)-p-phenylenediamine
- 19 253180 Diphenyl-p-phenylenediamine
- 19 253210 Ditolylamines
- 19 253220 Di-o-tolylethylenediamine
- 19 253230 p-Hydroxydiphenylamine
- 19 253240 Hydroxyphenylmorpholine
- 19 253250 Isopropoxydiphenylamine
- 19 253260 Hydroquinone, monobenzyl ether
- 19 253270 Methylene-di- $\beta$ -naphthol
- 19 253280 p-Methyl-p-(p-tolylsulfonylamino)-diphenylamine
- 19 253310 Phenol-cyclohexanone
- 19 253320 Phenyl- $\alpha$ -naphthylamine
- 19 253330 Phenyl- $\beta$ -naphthylamine
- 19 253340 Phenyl- $\beta$ -naphthylamine-acetone
- 19 253350 Phenyl- $\beta$ -naphthylnitrosamine
- 19 253360 Tetrahydroglyoxaline-sodium acetate
- 19 253370 Thiophenyl- $\beta$ -naphthylamine
- 19 253380 N-p-Tolyl-N'-p-tolylsulfonyl-p-phenylenediamine
- 19 253990 Antioxidants, cyclic, except mixtures, not elsewhere classified
- 19 254000 Antioxidants, cyclic, mixtures
- 19 254010 Cashew oil polymers, except plastics
- 19 254020 Dicatechol borate, di-o-tolylguanidine salt
- 19 254030 Diphenyl-p-phenylenediamine and p-aminodiphenyl-acetone
- 19 254040 Diphenyl-p-phenylenediamine and aniline-acetone
- 19 254050 Diphenyl-p-phenylenediamine, isopropoxy dibenzylamine and phenyl- $\beta$ -naphthylamine
- 19 254060 Polyethylene-polyamine and  $\beta$ -naphthol
- 19 254070 2,2,4-Trimethyldihydroquinoline polymers
- 19 254990 Antioxidants, cyclic, mixtures, not elsewhere classified
- 19 255000 Accelerators, non-cyclic
- 19 255010 Aldehyde-ammonia
- 19 255020 Butyraldehyde-monobutylamine condensation product
- 19 255030 Dibutyl ammonium oleate
- 19 255040 Dipentamethylenethiuram tetrasulfide
- 19 255050 Dithiocarbamates, non-cyclic
- Amyl-ammonium-zinc dimethyl dithiocarbamate
- 19 255052 Dibutyl dithiocarbamate, sodium salt
- 19 255053 Diethylammoniumdiethyl dithiocarbamate
- 19 255054 Dimethylamino dimethyl dithiocarbamic acid, zinc salt
- 19 255055 Lead dimethyl dithiocarbamate
- 19 255056 Selenium diethyl dithiocarbamate
- 19 255057 Sodium diethyl dithiocarbamate
- 19 255058 Zinc dibutyl dithiocarbamate



CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

Rubber Chemicals—Continued

Accelerators, non-cyclic—Continued

Dithiocarbamates, non-cyclic—Continued

- |            |  |
|------------|--|
| 19 255059  | Miscellaneous dithiocarbamates                         |
| 19 2550591 | Dinitrophenyl dimethyl-ammonium dithiocarbamate        |
| 19 2550592 | Hexamethylene-ammonium - hexamethylene dithiocarbamate |
| 19 2550593 | Pentamethylene dithiocarbamate, potassium salt         |
| 19 2550594 | Zinc diethyl dithiocarbamate                           |
| 19 2550595 | Zinc dimethyl dithiocarbamate                          |
| 19 2550599 | Dithiocarbamates, not elsewhere classified             |
| 19 255060  | Tetraamylthiuram monosulfide                           |
| 19 255070  | Tetrabutylthiuram monosulfide                          |
| 19 255080  | Tetraethylthiuram disulfide                            |
| 19 255110  | Tetramethylthiuram sulfide and disulfide               |
| 19 255120  | Triethyltrimethylenetriamine                           |
| 19 255130  | Xanthates  |
| 19 255131  | Di-isopropyl xanthodisulfide                           |
| 19 255132  | Di-n-butyl xanthodisulfide                             |
| 19 255133  | Potassium amyl xanthogenate                            |
| 19 255134  | Potassium butyl xanthogenate                           |
| 19 255135  | Potassium ethyl xanthogenate                           |
| 19 255136  | Potassium isopropyl xanthogenate                       |
| 19 255137  | Sodium butyl xanthogenate                              |
| 19 255138  | Sodium ethyl xanthogenate                              |
| 19 255139  | Miscellaneous xanthates                                |
| 19 2551391 | Zinc butyl xanthogenate                                |
| 19 2551399 | Xanthates, not elsewhere classified                    |
| 19 255990  | Accelerators, non-cyclic, not elsewhere classified     |
| 19 256000  | Antioxidants, non-cyclic                               |
| 19 259000  | Rubber chemicals, not elsewhere classified             |
| 19 260000  | <i>Perfume and Flavor Materials</i>                    |
| 19 261000  | Cyclic perfume and flavor materials, except terpenoids |
| 19 261010  | Acetophenone   |
| 19 261020  | Amylcinnamic aldehyde                                  |
| 19 261030  | Amyl salicylate  |
| 19 261040  | Anisic alcohol   |
| 19 261050  | Anisyl acetate   |
| 19 261070  | Benzophenone   |
| 19 261080  | Benzyl acetate   |
| 19 261110  | Benzy alcohol  |
| 19 261120  | Benzyl benzoate  |
| 19 261130  | Benzyl butyrate  |
| 19 261140  | Benzyl cinnamate                                       |
| 19 261150  | Benzyl formate   |
| 19 261160  | Benzyl isoamyl ether                                   |
| 19 261170  | Benzylisoegenol  |
| 19 261180  | Benzyl propionate                                      |
| 19 261210  | Benzyl salicylate                                      |
| 19 261220  | Benzylideneacetone                                     |
| 19 261230  | Bromstyrol   |
| 19 261240  | Cinnamic acid  |
| 19 261250  | Cinnamic alcohol                                       |
| 19 261260  | Cinnamic aldehyde                                      |
| 19 261270  | Cinnamyl acetate                                       |
| 19 261280  | Coumarin   |
| 19 261281  | Natural  |
| 19 261282  | Synthetic  |
| 19 261310  | p-Cresyl acetate                                       |
| 19 261320  | p-Cresyl methyl ether                                  |
| 19 261330  | p-Cresylphenyl acetate                                 |
| 19 261340  | Cuminyaldehyde   |
| 19 261350  | Cuminyal chloride                                      |
| 19 261360  | Dibenzyl ether   |



# CHEMICALS—Continued

## BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued Perfume and Flavor Materials—Continued

### Cyclic perfume and flavor materials, except terpenoids—Con.

19 261370	Dimethyl anthranilate
19 261380	Dimethylbenzylcarbinol acetate
19 261410	Dimethylhydroquinone
19 261420	Diphenylmethane
19 261430	Ethyl cinnamate
19 261440	Ethylmethylphenyl glycidate
19 261450	Ethylphenyl acetate
19 261460	Ethylphenyl glycidate
19 261470	Ethylvanillin
19 261480	p-Hydroxybenzoic acid esters
19 261510	6-Hydroxy-3-methyl-5-(1'-methoxy-ethenyl)-coumarane
19 261520	Indol
19 261530	Isobutyl-p-aminobenzoate
19 261540	Isobutylbenzoate
19 261550	Isobutylphenyl acetate
19 261560	Isopropylbenzaldehyde
19 261570	Isopropyl-o-cresol (Carvacrol)
19 261580	Methoxyacetophenone (Novatone)
19 261610	Methylacetophenone
19 261620	Methyl anthranilate
19 261630	Methyl benzoate
19 261640	Methyl cinnamate
19 261650	6-Methylcoumarin
19 261660	Methylhydroquinone, mono
19 261670	$\alpha$ -Methyl-p-isopropylhydrocinnamic aldehyde
19 261680	Methylnaphthyl ketone
19 261710	Methylphenylacetate
19 261720	Methylphenylcarbinol (Styrallyl alcohol)
19 261730	Methylphenylcarbinol acetate (Styrallyl acetate)
19 261740	Methyl salicylate (Wintergreen oil)
19 261750	Musk ambrette
19 261760	Musk ketone
19 261770	Musk xylol
19 261780	$\beta$ -Naphthyl ethyl ether (Nerolin)
19 261810	$\beta$ -Naphthyl methyl ether (Yara yara)
19 261820	Phenylacetic acid
19 261830	Phenylacetaldehyde (Phenylacetic aldehyde) (Hyacinthin)
19 261840	Phenylacetaldehyde, dimethyl acetal
19 261850	Phenylethyl acetate
19 261860	Phenylethyl alcohol
19 261870	Phenylethyl formate
19 261880	Phenylethyl propionate
19 261910	Phenylpropyl acetate
19 261920	Phenylpropyl alcohol
19 261930	Saccharin
19 261940	Salicylaldehyde
19 261950	Tolylaldehyde
19 261960	Trichloromethylphenylcarbinol acetate
19 261970	1,3,4-Trimethyl-5-tert-butyl-2,6-dinitrobenzene
19 261980	Vanillin, synthetic
19 261990	Cyclic perfume and flavor materials except terpenoids, not elsewhere classified
19 262000	Terpenoid and non-cyclic perfume and flavor materials
19 262010	Allyl caproate
19 262020	Allyl propionate
19 262030	Amyl butyrate
19 262040	Anethol
19 262050	Anisic aldehyde
19 262060	Bornyl acetate
19 262070	Citral
19 262080	Citronellal
19 262110	Citronellol
19 262120	Citronellyl acetate
19 262130	Decyl aldehyde

# CHEMICALS—Continued

## BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

### Perfume and Flavor Materials—Continued

#### Terpenoid and non-cyclic perfume and flavor materials—Con.

19 262140	Diacetyl
19 262150	Diethyl succinate
19 262160	Dimethyloctanol
19 262170	2,6-Dinitro-3-tert-butyl cymene
19 262180	Dodecyl aldehyde
19 262210	Ethylamyl ketone
19 262220	Ethyl butyrate
19 262230	Ethyl isovalerate
19 262240	Ethyl laurate
19 262250	Ethyl oenanthate
19 262260	Ethyl oxyhydrate
19 262270	Eugenol (p-Hydroxy-m-methoxyallylbenzene)
19 262280	Geralin
19 262281	Geralin, natural
19 262282	Geralin, synthetic
19 262310	Geraniol
19 262311	Geraniol, natural
19 262312	Geraniol, synthetic
19 262320	Geraniol residue
19 262330	Geranyl acetate
19 262340	Geranyl butyrate
19 262350	Geranyl formate
19 262360	Heliotropin
19 262370	Heptyl aldehyde
19 262380	Hexahydropseudoionone
19 262410	Hexyl aldehyde
19 262420	Hydrogenated citronellal
19 262430	Hydrogenated geraniol
19 262440	Hydroxycitronellal
19 262450	Hydroxycitronellal dimethylacetal
19 262460	Indalone (Dihydropyrrone)
19 262470	$\alpha$ -Insone
19 262480	$\beta$ -Insone
19 262510	Ionone
19 262520	Isoamyl butyrate
19 262530	Isoamyl isovalerate
19 262540	Isoamyl propionate
19 262550	Isoborneol
19 262560	Isobornyl acetate
19 262570	Isobutyl acetate
19 262580	Isoeugenol
19 262610	Isoeugenyl acetate
19 262620	Isopulegol
19 262630	Isopulegyl acetate
19 262640	Isosafrol
19 262650	Linalool
19 262651	Linalool, natural
19 262652	Linalool, synthetic
19 262660	Linalyl acetate
19 262670	Linalyl propionate
19 262680	Menthyl acetate
19 262710	Methyl Eugenol
19 262720	Methylheptene carbonate
19 262730	Methylionone
19 262740	Methylisoeugenol
19 262750	Methyl nonenoate
19 262760	Methylnonylacetaldehyde
19 262770	Methyl nonyl ketone
19 262780	Methyl undecylenate
19 262810	Nonalactone
19 262820	Nonyl aldehyde
19 262830	Octyl aldehyde
19 262840	Peppermint oil, synthetic
19 262850	Rhodinol

# CHEMICALS—Continued

## BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued Perfume and Flavor Materials—Continued

### Terpenoid and non-cyclic perfume and flavor materials—Con.

19 262860	Santalal
19 262870	Shiu oil acetate
19 262880	Terpineol
19 262910	Terpinolene
19 262920	Terpinyl acetate
19 262930	Terpinyl propionate
19 262940	Undecalactone
19 262950	Undecylenic aldehyde
19 262960	Vetivenol acetate
19 262970	Vetivert acetate
19 262990	Terpenoid and non-cyclic perfume and flavor materials, not elsewhere classified

### Gum and Wood Chemicals, Except Acetic Acid and Wood Alcohol

19 271000	Rosins
19 271100	Gum rosin
19 271200	Steam-distilled wood rosin
19 271300	Destructively-distilled wood rosin
19 271400	Sulfate wood rosin (Liquid oil) (Tall oil)
19 271900	Rosins, not elsewhere classified
19 272000	Turpentine, crude
19 272100	Gum turpentine
19 272200	Steam-distilled wood turpentine
19 272300	Destructively-distilled wood turpentine
19 272400	Sulfate wood turpentine
19 272500	Sulfite wood turpentine
19 272600	Turpentine, not elsewhere classified
19 273000	Terpene hydrocarbons, natural
19 273100	Dipentene, natural
19 273200	Terpene hydrocarbons, natural, except dipentene
19 274000	Pine oil, natural
19 275000	Pine pitch
19 276000	Pine tar
19 277000	Charcoal, except activated
19 277100	Briquetted
19 277200	Not briquetted
19 277210	Hardwood
19 277220	Softwood
19 279000	Miscellaneous gum and wood chemicals, except acetic acid and wood alcohol
19 279100	Pine wood naphtha
19 279200	Methylacetone
19 279300	Acetone oil
19 279400	Pyroligneous acid
19 279900	Gum and wood chemicals, not elsewhere classified

### Natural Dyeing and Tanning Materials

19 281000	Natural dyestuffs
19 281100	Annatto extract
19 281200	Archil, cudbear and litmus extracts
19 281210	Archil extract (Orchil extract)
19 281220	Cudbear extract
19 281230	Litmus extract
19 281300	Brazil wood extract
19 281400	Cutch extract (Catechu)
19 281500	Fustic wood extract
19 281600	Logwood extract
19 281700	Osage orange extract
19 281800	Quercitron extract
19 281900	Miscellaneous natural dyestuffs
19 281910	Camwood extract
19 281920	Chlorophyll extract
19 281930	Cochineal
19 281940	Indigo, natural
19 281950	Madder extract
19 281960	Persian berry extract



# CHEMICALS—Continued

## BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

### Natural Dyeing and Tanning Materials—Continued

#### Natural dyestuffs—Continued

##### Miscellaneous natural dyestuffs—Continued

Safflower extract (Carthamus extract)

Saffron extract (Crocus extract)

Natural dyestuffs, not elsewhere classified

#### Natural tanning extracts

Chestnut extract

Liquid

Solid

Chestnut extract, not elsewhere classified

Hemlock extract

Liquid

Solid

Hemlock extract, not elsewhere classified

Mangrove extract (Cutch)

Liquid

Solid

Mangrove extract (Cutch), not elsewhere classified

Myrobalan extract

Liquid

Solid

Myrobalan extract, not elsewhere classified

Oak extracts

Chestnut oak extract

Liquid

Solid

Chestnut oak extract, not elsewhere classified

California tanbark oak extract

Liquid

Solid

California tanbark oak extract, not elsewhere classified

Quebracho extract

Liquid

Solid

Quebracho extract, not elsewhere classified

Valonia extract

Liquid

Solid

Valonia extract, not elsewhere classified

Wattle extract (Mimosa extract)

Liquid

Solid

Wattle extract (Mimosa extract) not elsewhere classified

Miscellaneous natural tanning extracts

Algarobilla extract

Liquid

Solid

Algarobilla extract, not elsewhere classified

Canaigre extract

Liquid

Solid

Canaigre extract, not elsewhere classified

Divi-divi extract

Liquid

Solid

Divi-divi extract, not elsewhere classified

Gambier (Terra japonica)

Block

Cube

Gambier (Terra japonica) not elsewhere classified

Spruce extract (Sulphite cellulose)

Liquid

Solid

Spruce extract (Sulphite cellulose), not elsewhere classified

CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

Natural Dyeing and Tanning Materials—Continued

Natural tanning extracts—Continued

Miscellaneous natural tanning extracts—Continued

- 19 282960 Sumac extract
- 19 282961 Liquid
- 19 282962 Solid
- 19 282969 Sumac extract, not elsewhere classified
- 19 282970 Tara extract
- 19 282971 Liquid
- 19 282972 Solid
- 19 282979 Tara extract, not elsewhere classified
- 19 282990 Natural tanning extracts, not elsewhere classified
- 19 290000 *Miscellaneous Organic Chemicals*
- 19 291000 Miscellaneous organic chemicals, cyclic
- 19 291010 Acids, cyclic
  - 19 2910101 Arsanilic acid
  - 19 2910102 o-Iodobenzoic acid
  - 19 2910103 dl-Mandelic acid (Amygdalic acid)  
(dl-Phenyglycolic acid)
  - 19 2910104 Naphthaleneacetic acid
  - 19 2910105 Phthalide ( $\alpha$ -Hydroxy-o-toluic acid lactone)
  - 19 2910106 Sulfosalicylic acid
  - 19 2910199 Acids, cyclic, not elsewhere classified
- 19 291020 Salts of cyclic organic acids, except plasticizers
  - 19 2910201 Ammonium benzoate
  - 19 2910202 Calcium bis-tert-amylhydroxy-phenyl sulfide
  - 19 2910203 Lithium benzoate
  - 19 2910204 Lithium salicylate
  - 19 2910205 Magnesium benzoate
  - 19 2910206 Magnesium salicylate
  - 19 2910207 Phenylmercuric acetate
  - 19 2910208 Phenylmercuric benzoate
  - 19 2910211 Sodium arsanilate (Atoxyl)
  - 19 2910212 Sodium benzoate
  - 19 2910213 Sodium pentachlorophenate
  - 19 2910214 Sodium phenolate
  - 19 2910215 Sodium salicylate
  - 19 2910216 Sodium tetrachlorophenate
  - 19 2910217 Sodium trichlorophenate
  - 19 2910218 Strontium salicylate
  - 19 2910299 Salts of cyclic organic acids, except plas-  
ticizers, not elsewhere classified
- 19 291030 Alcohols, cyclic
  - 19 2910301 Cholesterol
  - 19 2910302 Cyclohexanol (Hexahydrophenol)
  - 19 2910303 Ergosterol, non-irradiated
  - 19 2910304 Furfuryl alcohol
  - 19 2910305 Methylcyclohexanols
  - 19 2910306 Phytosterol
  - 19 2910307 Propylcyclohexanol
  - 19 2910308 Propenylmethylanethol (1 - Methoxy - 4 -  
propenylbenzene)
  - 19 2910311 Tetrahydrofuryl alcohol
  - 19 2910399 Alcohols, cyclic, not elsewhere classified
- 19 291040 Aldehydes, cyclic
  - 19 2910401 Furfural
  - 19 2910499 Aldehydes, cyclic, not elsewhere classified
- 19 291050 Anhydrides, cyclic
- 19 291060 Esters, cyclic, except plasticizers
  - 19 2910601 Butylphenyl phosphite
  - 19 2910602 Cyclohexyl phosphite
  - 19 2910603 Tricresyl phosphite
  - 19 2910604 Triphenyl phosphite
  - 19 2910699 Esters, cyclic, except plasticizers, not else-  
where classified

# CHEMICALS—Continued

## BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

### Miscellaneous Organic Chemicals—Continued

#### Miscellaneous organic chemicals, cyclic—Continued

- |             |   |  |
|-------------|---|--|
| 19 291070   | Ethers, cyclic  |  |
| 19 2910701  | Diphenyloxide   |  |
| 19 2910702  | Epichlorohydrin   |  |
| 19 2910703  | Ethylene glycol monophenyl ether  |  |
| 19 2910704  | Heptachlorodiphenyl oxide   |  |
| 19 2910705  | Hexachlorodiphenyl oxide  |  |
| 19 2910706  | Hydroquinone, diethyl ether   |  |
| 19 2910707  | Hydroquinone, dimethyl ether  |  |
| 19 2910708  | Terpinyl glycol ether   |  |
| 19 2910711  | Terpinyl methyl ether   |  |
| 19 2910799  | Ethers, cyclic, not elsewhere classified                                  |  |
| 19 291080   | Ketones, cyclic   |  |
| 19 2910801  | Benzyl methyl ketone  |  |
| 19 2910802  | Cyclohexanone   |  |
| 19 2910803  | Dibenzyl ketone   |  |
| 19 2910804  | Isophorone  |  |
| 19 2910805  | p-Methylacetophenone  |  |
| 19 2910806  | Methylcyclohexanone   |  |
| 19 2910807  | Quinhydrone   |  |
| 19 2910808  | Quinone   |  |
| 19 2910899  | Ketones, cyclic, not elsewhere classified                                 |  |
| 19 291110   | Phenols   |  |
| 19 2911101  | Bis-tert-amylhydroxyphenyl sulfide  |  |
| 19 2911102  | Bis-tetramethylbutylhydroxyphenyl sulfide                                 |  |
| 19 2911103  | Benzylated phenol   |  |
| 19 2911104  | Butyl catechol  |  |
| 19 2911105  | Catechol (Catechin)   |  |
| 19 2911106  | Diamylhydroquinone  |  |
| 19 2911107  | Gallic acid   |  |
| 19 2911108  | Guaiacol (o-Methoxyphenol) (o-Hydroxy-anisole)                            |  |
| 19 2911111  | Hydroquinones   |  |
| 19 2911111  | Hydroquinone, tech (Quinol)   |  |
| 19 2911112  | Hydroquinone, refined, photographic grade                                 |  |
| 19 2911112  | Hydroquinone-p-aminophenol sulfate  |  |
| 19 2911113  | Octylphenol   |  |
| 19 2911114  | Phloroglucinol  |  |
| 19 2911115  | Pyrogalllic acid (1,2,3-Trihydroxybenzene)                                |  |
| 19 2911116  | Tannic acid (Gallotannic acid) (Tannin)                                   |  |
| 19 2911117  | Trichlorophenols  |  |
| 19 2911199  | Phenols, not elsewhere classified   |  |
| 19 291120   | Compounds containing nitrogen, cyclic                                     |  |
| 19 29112010 | Aminodiethylhydroquinone-p-aminophenol sulfate                            |  |
| 19 29112020 | Aminophenols, except o-, m-, and p-aminophenols                           |  |
| 19 29112021 | Acetyl-p-aminophenol  |  |
| 19 29112022 | Benzyl-p-aminophenol  |  |
| 19 29112023 | n-Butyl-p-aminophenol   |  |
| 19 29112024 | N,N'-Dibutyl-p-aminophenol  |  |
| 19 29112025 | Isobutyl-p-aminophenol  |  |
| 19 29112026 | Methyl-p-aminophenol  |  |
| 19 29112027 | Methyl-p-aminophenol hydrochloride  |  |
| 19 29112028 | Methyl-p-aminophenol sulfate  |  |
| 19 29112029 | Aminophenols, except o-, m-, and p-aminophenols, not elsewhere classified |  |
| 19 29112030 | 2-Aminothiazole   |  |
| 19 29112040 | $\alpha$ -Benzoinozime  |  |
| 19 29112050 | Benzotriazole   |  |
| 19 29112060 | Caffeine, except medicinal grade  |  |
| 19 29112061 | From theobromine  |  |
| 19 29112062 | Caffeine, except from theobromine   |  |



**CHEMICALS—Continued**

**BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued**

**Miscellaneous Organic Chemicals—Continued**

**Miscellaneous organic chemicals, cyclic—Continued**

**Compounds containing nitrogen, cyclic—Continued**

- 19 29112070 Cyclohexylamine (Aminocyclohexane)
- 19 29112080 Diaminophenol hydrochloride (Amidol)
- 19 29112110 2,5-Diaminotoluene sulfate
- 19 29112120 Diethylaminohydroquinone
- 19 29112130 Diethyldiphenylurea
- 19 29112140 Diethylbenzoylcyclohexylamine
- 19 29112150 Dimethyldiphenylurea
- 19 29112160 p-Hydroxyphenylglycine
- 19 29112170 Indoleacetic acid (Heteroauxin)
- 19 29112180 Indolebutyric acid
- 19 29112210 Methylcyclohexylamine
- 19 29112220 Morpholine
- 19 29112230 Phenylisocyanate
- 19 29112240 Pyrrole
- 19 29112250 Pyrrolidine
- 19 29112260 4-Sulfaminophenyl-2-azo-7-acetyl-amino - 1 -  
hydroxy-naphthalene-3,6-disulfonic acid,  
disodium salt
- 19 29112270 o-Tolylbiguanide
- 19 29112990 Compounds containing nitrogen, cyclic, not  
elsewhere classified

19 291130

**Plasticizers, cyclic**

- 19 291130100 p-tert-Butylphenol
- 19 291130200 Camphor, except medicinal grade
- 19 291130210 Natural
- 19 291130220 Synthetic
- 19 291130300  $\beta$ -Chloro-(2-xenoxy)-diethyl ether
- 19 291130400 Cyclohexyl-p-toluenesulfonamide
- 19 291130500 Diamylnaphthalene
- 19 291130600 Di-(tert - butylphenyl) - m o n o p h e n y l  
phosphate
- 19 291130700 Diphenylmono-o-xenyl phosphate
- 19 291130800 Di-o-xenyl-monophenyl phosphate
- 19 291131100 Di -(p - tert - butylphenyl) - m o n o - (5 - tert -  
butyl-2-xenyl) phosphate
- 19 291131200 Ethyltoluenesulfonamide
- 19 291131300 Morpholine stearate
- 19 291131400 Phthalate plasticizers
- 19 291131401 Carbitol phthalate
- 19 291131402 Castor oil phthalate
- 19 291131403 Diamyl phthalate
- 19 291131404 Di-(butoxyethyl) phthalate
- 19 291131405 Dibutyl phthalate
- 19 291131406 Dicapryl phthalate
- 19 291131407 Dicyclohexyl phthalate
- 19 291131408 Diethyl phthalate
- 19 291131411 Di-(ethoxyethyl) phthalate
- 19 291131412 Di-(methoxyethyl) phthalate
- 19 291131413 Di-(methylene) phthalate
- 19 291131414 Dimethyl phthalate
- 19 291131415 Di-(methylcyclohexyl) phthalate
- 19 291131416 Dioctyl phthalate
- 19 291131417 Diphenyl phthalate
- 19 291131418 Ethylhexyl phthalate
- 19 291131421 Phthalyl glycolate phthalate
- 19 291131422 Sodium butyl phthalate
- 19 291131423 Sodium ethylbutyl phthalate
- 19 291131424 Tetra-wax-phenyl-phthalate
- 19 291131499 Phthalate plasticizers, not elsewhere  
classified
- 19 291131500 Sodium dicresyldithiophosphate
- 19 291131600 Toluenesulfonamides
- 19 291131610 o-Toluenesulfonamide

CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

Miscellaneous Organic Chemicals—Continued

Miscellaneous organic chemicals, cyclic—Continued

Plasticizers, cyclic—Continued

Toluenesulfonamides—Continued.

- |              |  |
|--------------|--|
| 19 291131620 | p-Toluenesulfonamide   |
| 19 291131690 | Toluenesulfonamides, not elsewhere classified.                                 |
| 19 291131700 | Toluidinesulfonamides  |
| 19 291131710 | o-Toluidinesulfonamide   |
| 19 291131720 | p-Toluidinesulfonamide   |
| 19 291131790 | Toluidinesulfonamides, not elsewhere classified.                               |
| 19 291131800 | Tricresyl phosphate  |
| 19 291132100 | Triphenyl phosphate  |
| 19 291132200 | Tri-p-tert-butylphenylphosphate  |
| 19 291139900 | Plasticizers, cyclic, not elsewhere classified.                                |
| 19 291140    | Hydrocarbons (miscellaneous) and related cyclic derivatives                    |
| 19 29114010  | Antioxidants, cyclic, except rubber antioxidants.                              |
| 19 29114011  | Gasoline antioxidants, cyclic  |
| 19 29114012  | Antioxidants, cyclic, except gasoline and rubber antioxidants                  |
| 19 29114020  | Benzoyl peroxide   |
| 19 29114030  | Bis-methylbenzylidene  |
| 19 29114040  | Cycloalkanol (Cyclanol)  |
| 19 29114050  | Cyclohexane (Hexahydrobenzene)   |
| 19 29114060  | Cyclopropane (Trimethylene)  |
| 19 29114070  | Decahydronaphthalene (Decalin)   |
| 19 29114080  | Dicylopentadiene   |
| 19 29114110  | Diphenylethanes  |
| 19 29114120  | Furoyl chloride  |
| 19 29114130  | Hexahydronaphthalene (Hexalin)   |
| 19 29114140  | Isopropyltoluene (Paracymene) (p-Cymen)  |
| 19 29114150  | Phenylmercuric borate  |
| 19 29114160  | Phenylmercuric chloride  |
| 19 29114170  | Phenylmercuric nitrates  |
| 19 29114171  | Phenylmercuric nitrate   |
| 19 29114172  | Basic phenylmercuric nitrate   |
| 19 29114180  | Pine oil, synthetic (mixture)  |
| 19 29114210  | Tetrahydronaphthalene (Tetralin)   |
| 19 29114220  | Thiophene (Thiofuran)  |
| 19 29114230  | Veratraldehyde bisulfite   |
| 19 29114990  | Hydrocarbons and related cyclic derivatives, not elsewhere classified          |
| 19 291990    | Organic-chemicals, cyclic, not elsewhere classified                            |
| 19 292000    | Miscellaneous organic chemicals, non-cyclic (include non-cyclic intermediates) |
| 19 292010    | Acids, non-cyclic  |
| 19 29201010  | Abietic acid   |
| 19 29201020  | Acetic acid  |
| 19 29201021  | Synthetic, except fermentation   |
| 19 29201022  | Fermentation   |
| 19 29201023  | From calcium acetate   |
| 19 29201024  | Recovered  |
| 19 29201025  | Wood distilled   |
| 19 29201029  | Acetic acid, not elsewhere classified  |
| 19 29201030  | Acrylic acid   |
| 19 29201040  | Adipic acid  |
| 19 29201050  | Alginic acid   |
| 19 29201060  | n-Butyric acid   |
| 19 29201070  | n-Caproic acid (n-Hexoic acid)   |
| 19 29201080  | Chloroacetic acids   |
| 19 29201081  | Monochloroacetic acid  |
| 19 29201082  | Dichloroacetic acid  |
| 19 29201083  | Trichloroacetic acid   |

**CHEMICALS**—Continued

**BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS**—Continued

*Miscellaneous Organic Chemicals*—Continued

Miscellaneous organic chemicals, non-cyclic (include non-cyclic intermediates)—Continued

Acids, non-cyclic—Continued

- 19 29201089 Chloroacetic acids, not elsewhere classified
- 19 29201110 Citric acid
- 19 29201111 Refined, fermentation
- 19 29201112 Natural
- 19 29201120 Dichlorostearic acid
- 19 29201130 Diethylacetic acid
- 19 29201140 Dioxamic acid
- 19 29201150 Ethylhexoic acid
- 19 29201160 Formic acid
- 19 29201170 Fumaric acid
- 19 29201180 Gluconic acid
- 19 29201181 Technical
- 19 29201182 Chemically pure
- 19 29201210 Glycolic acid (Hydroxyacetic acid)
- 19 29201220 Glutaric acid
- 19 29201230 Isobutyric acid
- 19 29201240 Isovaleric acid (Isopropylacetic acid)
- (3-Methylbutanoic acid)
- 19 29201250 Lactic acid
- 19 29201251 Edible
- 19 29201252 Medicinal
- 19 29201253 Technical
- 19 29201260 Levulinic acid ( $\beta$ -Acetyl propionic acid)
- 19 29201270 dl-Lysine monohydrochloride
- 19 29201280 Maleic acid
- 19 29201310 Malic acid
- 19 29201320 Malonic acid
- 19 29201330 Methacrylic acid ( $\alpha$ -Methylacrylic acid)
- 19 29201340 Nonanoic acid (Pelargonic acid)
- 19 29201350 Oxalic acid
- 19 29201360 Palmitic acid
- 19 29201370 Propionic acid (Methylacetic acid)
- 19 29201380 Sebacic acid
- 19 29201410 Succinic acid
- 19 29201420 Sulfoacetic acid (Thioacetic acid)
- 19 29201430 Tartaric acid
- 19 29201440 Thioglycolic acid (Mercaptoacetic acid)
- 19 29201450 Undecylenic acid
- 19 29201460 Valeric acid (Pentanoic acid)
- 19 29201990 Acids, non-cyclic, not elsewhere classified

19 292020

Salts of non-cyclic organic acids, except plasticizers

- 19 29202010 Aluminum acetates
- 19 29202011 Aluminum acetate, basic
- 19 29202012 Aluminum acetate, except basic
- 19 29202020 Aluminum formate
- 19 29202030 Aluminum stearate
- 19 29202040 Ammonium acetate
- 19 29202050 Ammonium bitartrate
- 19 29202060 Ammonium citrate
- 19 29202070 Ammonium iodide
- 19 29202080 Ammonium oxalate
- 19 29202110 Ammonium stearate
- 19 29202120 Antimonyl potassium tartrate (Potassium antimonyl tartrate) (Tartar emetic)
- 19 29202130 Calcium acetate
- 19 29202140 Calcium citrate
- 19 29202150 Calcium lactate
- 19 29202160 Calcium oxalate
- 19 29202170 Calcium propionate
- 19 29202180 Calcium stearate
- 19 29202210 Chromium acetate
- 19 29202220 Chromium formate



CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

Miscellaneous Organic Chemicals—Continued

Miscellaneous organic chemicals, non-cyclic (include non-cyclic intermediates)—Continued

Salts of non-cyclic organic acids, except plasticizers—Con.

19 29202230	Cobalt linoleate
19 29202240	Cobalt naphthenate
19 29202250	Cobalt oleate
19 29202260	Cobalt resinate
19 29202270	Cobalt soyate
19 29202280	Copper acetates
19 29202281	Copper acetate
19 29202282	Copper subacetate
19 29202289	Copper acetates, not elsewhere classified
19 29202310	Copper lactate
19 29202320	Iron (ferric) ammonium citrate
19 29202330	Iron (ferric) ammonium oxalate
19 29202340	Iron (ferric) citrate
19 29202350	Iron (ferric) oxalate
19 29202360	Iron (ferric) sodium oxalate
19 29202370	Iron (ferrous) citrate
19 29202380	Iron (ferrous) oxalate
19 29202410	Lead acetates
19 29202411	Lead acetate
19 29202412	Lead subacetate
19 29202419	Lead acetates, not elsewhere classified
19 29202420	Lead linoleate
19 29202430	Lead naphthenate
19 29202440	Lead oleate
19 29202450	Lead resinate
19 29202460	Lead soyate
19 29202510	Magnesium acetate
19 29202520	Magnesium resinate
19 29202530	Magnesium stearate
19 29202540	Manganese linoleate
19 29202550	Manganese naphthenate
19 29202560	Manganese oleate
19 29202570	Manganese resinate
19 29202580	Manganese soyate
19 29202610	Nickel formate
19 29202620	Potassium acetate
19 29202630	Potassium bi-tartrate (Potassium acid tartrate)
19 29202631	Crude (Argols) (Wine lees) (Tartar)
19 29202632	Refined (Cream of tartar)
19 29202640	Potassium citrate
19 29202650	Potassium oxalate
19 29202660	Potassium sodium tartrate (Sodium potassium tartrate) (Rochelle salts)
19 29202670	Potassium tartrate
19 29202680	Sodium acetate
19 29202710	Sodium alginate
19 29202720	Sodium citrate
19 29202730	Sodium formate
19 29202740	Sodium glutamate, mono (Ajinomoto)
19 29202750	Sodium lactate
19 29202760	Sodium laurate
19 29202770	Sodium oxalacetate
19 29202780	Sodium oxalate
19 29202810	Sodium propionate
19 29202820	Sodium succinate
19 29202830	Sodium sulfoxylate
19 29202840	Strontium lactate
19 29202850	Strontium oxalate
19 29202860	Titanium formate
19 29202870	Titanium oxalate
19 29202880	Zinc acetate
19 29202910	Zinc stearate

**CHEMICALS—Continued**

**BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued**

**Miscellaneous Organic Chemicals—Continued**

Miscellaneous organic chemicals, non-cyclic (include non-cyclic intermediates)—Continued

Salts of non-cyclic organic acids, except plasticizers—Con.

19 29202990 Salts of non-cyclic organic acids, except plasticizers, not elsewhere classified

19 292030

Alcohols, non-cyclic

- 19 2920301000 Allyl alcohol (2-Propen-1-ol)
- 19 2920302000 Amyl alcohols
- 19 2920302100 Crude (Fusel oil)
- 19 2920302200 Refined amyl alcohol
- 19 2920302210 Primary amyl alcohol
- 19 2920302211 Normal (n-Butylcarbinol) (1-Pentanol)
- 19 2920302212 Active (sec-Butylcarbinol) (2-Methyl-1-butanol)
- 19 2920302213 Iso (Isobutylcarbinol) (3-Methyl-1-butanol)
- 19 2920302219 Primary amyl alcohol, not elsewhere classified
- 19 2920302220 Secondary amyl alcohol
- 19 2920302221 Diethylcarbinol (3-Pentanol)
- 19 2920302229 Secondary amyl alcohol, not elsewhere classified
- 19 2920302230 Tertiary amyl alcohol
- 19 2920302290 Refined amyl alcohol, not elsewhere classified
- 19 2920303000 Butyl alcohols
- 19 2920303100 Primary normal butyl alcohol (Propylcarbinol) (1-Butanol)
- 19 2920303200 Primary isobutyl alcohol (Isopropylcarbinol) (2-Methyl-1-propanol)
- 19 2920303300 Secondary butyl alcohol (Ethylmethylcarbinol) (2-Butanol)
- 19 2920303400 Tertiary butyl alcohol (Trimethylcarbinol) (2-Methyl-2-propanol)
- 19 2920303900 Butyl alcohols, not elsewhere classified
- 19 2920304000 Butylene glycol
- 19 2920305000 Cetyl alcohol
- 19 2920306000 Diacetone alcohol
- 19 2920307000 Diethylene glycol (2, 2'-Di-hydroxyethyl ether)
- 19 2920308000 Dipropylene glycol
- 19 2920311000 Ethyl alcohol (Ethanol)
- 19 2920311100 Absolute
- 19 2920311110 From synthetic ethyl alcohol
- 19 2920311120 From ethyl alcohol obtained from molasses by fermentation
- 19 2920311130 From ethyl alcohol obtained from grain by fermentation
- 19 2920311190 From other sources
- 19 2920311200 Completely denatured
- 19 2920311210 Formula No. 12
- 19 2920311211 From synthetic ethyl alcohol
- 19 2920311212 From ethyl alcohol obtained from molasses by fermentation
- 19 2920311213 From ethyl alcohol obtained from grain by fermentation
- 19 2920311219 From other sources
- 19 2920311220 Formula No. 13
- 19 2920311221 From synthetic ethyl alcohol
- 19 2920311222 From ethyl alcohol obtained from molasses by fermentation
- 19 2920311223 From ethyl alcohol obtained from grain by fermentation
- 19 2920311229 From other sources

# CHEMICALS—Continued

## BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

### Miscellaneous Organic Chemicals—Continued

#### Miscellaneous organic chemicals, non-cyclic (include non-cyclic intermediates)—Continued

##### Alcohols, non-cyclic—Continued

19 2920311230	Formula No. 14
19 2920311231	From synthetic ethyl alcohol
19 2920311232	From ethyl alcohol obtained from molasses by fermentation
19 2920311233	From ethyl alcohol obtained from grain by fermentation
19 2920311239	From other sources
19 2920311290	Completely denatured ethyl alcohol, not elsewhere classified
19 2920311300	Specially denatured
19 2920311310	Formula No. 1
19 2920311311	From synthetic ethyl alcohol
19 2920311312	From ethyl alcohol obtained from molasses by fermentation
19 2920311313	From ethyl alcohol obtained from grain by fermentation
19 2920311319	From other sources
19 2920311320	Formula No. 28
19 2920311321	From synthetic ethyl alcohol
19 2920311322	From ethyl alcohol obtained from molasses by fermentation
19 2920311323	From ethyl alcohol obtained from grain by fermentation
19 2920311329	From other sources
19 2920311330	Formula No. 29
19 2920311331	From synthetic ethyl alcohol
19 2920311332	From ethyl alcohol obtained from molasses by fermentation
19 2920311333	From ethyl alcohol obtained from grain by fermentation
19 2920311339	From other sources
19 2920311390	From specially denatured ethyl alcohol, not elsewhere classified
19 2920311900	Ethyl alcohol (Ethanol), not elsewhere classified
19 2920312000	Ethylene glycol
19 2920313000	2-Ethylhexanol
19 2920315000	Glycerin (Glycerol)
19 2920315100	Crude
19 2920315110	Byproduct
19 2920315120	Synthetic
19 2920315200	Refined
19 2920315210	Dynamite grade
19 2920315211	Byproduct
19 2920315212	Synthetic
19 2920315220	Chemical grade
19 2920315221	Byproduct
19 2920315222	Synthetic
19 2920315900	Glycerin (Glycerol), not elsewhere classified
19 2920316000	Heptadecanols
19 2920316100	n-Heptadecanol
19 2920316900	Heptadecanols, not elsewhere classified
19 2920317000	Hexanols
19 2920317100	n-Hexanol (n-Hexyl alcohol) (Amyl carbinol)
19 2920317900	Hexanols, not elsewhere classified
19 2920318000	Lauryl alcohol
19 2920321000	Methyl alcohol (Methanol)
19 2920321100	Pure
19 2920321110	Synthetic



CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

Miscellaneous Organic Chemicals—Continued

Miscellaneous organic chemicals, non-cyclic (include non-cyclic intermediates)—Continued

Alcohols, non-cyclic—Continued

Methyl alcohol (Methanol)—Continued

Pure—Continued

- |               |   |
|---------------|---|
| 19 2920321120 | Natural (Wool alcohol)                              |
| 19 2920321200 | 95 percent  |
| 19 2920315212 | Synthetic   |
| 19 2920321220 | Natural (Wood alcohol)                              |
| 19 2920321300 | 97 percent  |
| 19 2920321310 | Synthetic   |
| 19 2920321320 | Natural (Wool alcohol)                              |
| 19 2920321400 | Denaturing grade                                    |
| 19 2920321900 | Methyl alcohol (Methanol), not elsewhere classified |
| 19 2920322000 | Methylisobutylcarbinol (3,3-Dimethylbutanol)        |
| 19 2920323000 | 2-Methyl-2,4-pentanediol                            |
| 19 2920324000 | Myricyl alcohol (Melissyl alcohol)                  |
| 19 2920325000 | n-Octyl alcohol (Capryl alcohol)                    |
| 19 2920326000 | Oleyl alcohol                                       |
| 19 2920327000 | Pentaerythritol                                     |
| 19 2920328000 | Polyethylene glycols                                |
| 19 2920331000 | Polyglycerol  |
| 19 2920332000 | Polypropylene glycols                               |
| 19 2920333000 | Propenylcarbinol (Crotonyl alcohol)                 |
| 19 2920334000 | Propylene glycols                                   |
| 19 2920335000 | Propyl alcohols                                     |
| 19 292033510  | n-Propyl alcohol (Ethylcarbinol) (1-Propanol)       |
| 19 292033520  | Isopropyl alcohol (Dimethylcarbinol) (2-Propanol)   |
| 19 292033590  | Propyl alcohols, not elsewhere classified           |
| 19 2920336000 | Saccharides   |
| 19 292033610  | Adonite   |
| 19 292033620  | Arabinose   |
| 19 292033630  | Dulcitol  |
| 19 292033640  | Galactose   |
| 19 292033650  | Mannitol  |
| 19 292033660  | Ribose  |
| 19 292033670  | Sorbitol  |
| 19 292033680  | Xylose  |
| 19 292033690  | Saccharides, not elsewhere classified               |
| 19 2920337000 | Stearyl alcohol                                     |
| 19 2920338000 | Tetradecanol  |
| 19 2920341000 | Tetrahydrofurfuryl alcohol                          |
| 19 2920342000 | Thiodiglycol  |
| 19 2920343000 | Triethylene glycol                                  |
| 19 2920344000 | Triglycol dichloride                                |
| 19 2920345000 | Vinyl alcohol                                       |
| 19 2920339900 | Alcohols, non-cyclic, not elsewhere classified      |

19 292040

Aldehydes, non-cyclic

- |            |   |
|------------|---|
| 19 2920401 | Acetaldehyde  |
| 19 2920402 | Butyraldehyde (Butyl aldehyde)                            |
| 19 2920403 | Chloral (Trichloroacetaldehyde)                           |
| 19 2920404 | Crotonaldehyde (Crotonic aldehyde)                        |
| 19 2920405 | Ethyl butyraldehyde (Ethylbutyl aldehyde)                 |
| 19 2920406 | Ethylhexanal  |
| 19 2920407 | Formaldehyde (37 percent by weight, 40 percent by volume) |
| 19 2920408 | Hydroxybutyraldehyde (Aldol) (Acetaldol)                  |
| 19 2920411 | Isobutyraldehyde (Isobutyl aldehyde)                      |
| 19 2920412 | Paracetaldehyde (Paraldehyde)                             |
| 19 2920413 | Paraformaldehyde  |

CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

Miscellaneous Organic Chemicals—Continued

Miscellaneous organic chemicals, non-cyclic (include non-cyclic intermediates)—Continued

Aldehydes, non-cyclic—Continued

19 2920414 Propionaldehyde

19 2920499 Aldehydes, non-cyclic, not elsewhere classified

19 292050

Anhydrides, non-cyclic

19 292050100 Acetic anhydride

19 292050110 From acetylene

19 292050120 From ethylene

19 292050130 From ketene

19 292050140 From acetic acid by vapor phase process

19 292050190 Acetic anhydride, not elsewhere classified

19 292050200 n-Butyric anhydride

19 292050300 Maleic anhydride

19 292050400 Propionic anhydride

19 292050500 Succinic anhydride

19 292059900 Anhydrides, not elsewhere classified

19 292060

Ester, non-cyclic, except plasticizers

19 292060100 Abietic acid esters

19 292060200 Acetin

19 292060210 Monoacetin (Glycerol monoacetate)

19 292060220 Diacetin (Glycerol diacetate)

19 292060230 Triacetin (Glycerol triacetate)

19 292060300 Amyl acetates

19 292060310 Primary

19 292060311 Normal primary amyl acetate

19 292060312 Active amyl acetate

19 292060313 Isoamyl acetate

19 292060319 Primary, not elsewhere classified

19 292060320 Secondary

19 292060321 3-Pentyl acetate

19 292060329 Secondary, not elsewhere classified

19 292060330 Tertiary

19 292060400 Amyl propionate

19 292060500 Anhydrohexitol ester polyglycol ethers

19 292060600 Anhydrohexitol esters

19 292060700 Butyl acetate

19 292060710 n-Butyl acetate

19 292060720 Isobutyl acetate

19 292060730 Secondary butyl acetate

19 292060790 Butyl acetate, not elsewhere classified

19 2920608 Butylacetyl ricinoleate

19 2920611 Butyl acrylate

19 2920612 Butyl lactate

19 2920613 Butyl methacrylate

19 2920614 Butyl oleate

19 2920615 Butyl propionate

19 2920616 Diethyl carbonate

19 2920617 Diethylene glycol dipropionate

19 2920618 Diethylene glycol monobutyl ether acetate (Butyl carbitol acetate)

19 2920621 Diethylene glycol monoethyl ether acetate (Carbitol acetate)

19 2920622 Diethyl malonate

19 2920623 Diglycol laurate

19 2920624 Diglycol oleate

19 2920625 Dimethoxyethyl adipate

19 2920626 Ethyl acetate

19 2920627 Ethyl acetoacetate

19 2920628 Ethyl acrylate

19 2920631 Ethyl benzoyl acetate

19 2920632 Ethyl bromoacetate

19 2920633 Ethylene glycol diacetate

CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

Miscellaneous Organic Chemicals—Continued

Miscellaneous organic chemicals, non-cyclic (include non-cyclic intermediates)—Continued

Ester, non-cyclic, except plasticizers—Continued

- 19 2920634 Ethylene glycol monobutyl ether stearate  
(Butyl cellosolve stearate)
- 19 2920635 Ethylene glycol monoethyl ether acetate  
(Cellosolve acetate)
- 19 2920636 Ethylene glycol monomethyl ether acetate  
(Methyl cellosolve acetate)
- 19 2920637 Ethylene glycol monomethyl ether oleate
- 19 2920638 Ethyl formate
- 19 2920641  $\alpha$ -Ethylhexyl acetate
- 19 2920642 Ethylidene diacetate
- 19 2920643 Ethyl lactate
- 19 2920644 Ethyl malonate
- 19 2920645 Ethyl methacrylate
- 19 2920646 Ethyl-1-methyl butyl malonic ester
- 19 2920647 Ethyl monochloroacetate
- 19 2920648 Ethyl-N-nitroso-N-methyl carbamate
- 19 2920651 Ethyl oleate
- 19 2920652 Ethyl oxalate (Diethyl oxalate)
- 19 2920653 Ethyl propionate
- 19 2920654 Ethyl silicate
- 19 2920655 Glyceryl mono-oleate
- 19 29206560 Glyceryl monostearate
- 19 29206570 Glyceryl trihydroxystearate
- 19 29206580 Glycol bori-borate
- 19 29206610 Glycol monoacetate
- 19 29206620 Glycol stearate
- 19 29206630 Isobutyl propionate
- 19 29206640 Isobutylene propionate
- 19 29206650 Isopropyl acetate
- 19 29206660 Methyl acetate
- 19 29206670 Methyl acetoacetate
- 19 29206680 Methyl acrylate
- 19 29206710 Methyl borate
- 19 29206720 Methyl dichlorostearate
- 19 29206730 Methyl formate
- 19 29206740 Methylisobutylcarbinol acetate
- 19 29206750 Methyl lactate
- 19 29206760 Methyl methacrylate
- 19 29206770 Methyl pentachlorostearate
- 19 29206780 Methyl stearate
- 19 29206810 Methyl succinate
- 19 29206820 Pentaerythritol esters
- 19 29206821 Pentaerythritol monolaurate
- 19 29206822 Pentaerythritol mono-oleate
- 19 29206823 Pentaerythritol monostearate
- 19 29206829 Pentaerythritol esters, not elsewhere  
classified
- 19 29206830 Polyglycerol-abietic acid esters
- 19 29206840 n-Propyl acetate
- 19 29206850 Sorbitol esters
- 19 29206851 Sorbitol monolaurate
- 19 29206852 Sorbitol mono-oleate
- 19 29206853 Sorbitol tristearate
- 19 29206859 Sorbitol esters, not elsewhere classified
- 19 29206860 Soybean fatty acids, monoglyceride
- 19 29206870 Tributyl phosphite
- 19 29206880 Vinyl acetate
- 19 29206990 Esters, non-cyclic, except plasticizers, not  
elsewhere classified

19 292070

Ethers, non-cyclic

- 19 29207010 Amyl ether
- 19 29207020 Butylene oxide



**CHEMICALS—Continued**

**BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued**

*Miscellaneous Organic Chemicals—Continued*

**Miscellaneous organic chemicals, non-cyclic (include non-cyclic intermediates)—Continued**

**Ethers, non-cyclic—Continued**

- |           |             |  |
|-----------|-------------|--|
|           | 19 29207030 | Dibutyl ether  |
|           | 19 29207040 | Diethylene glycol ethers                                   |
|           | 19 29297041 | Diethylene glycol diethyl ether (Diethyl carbitol)         |
|           | 19 29207042 | Diethylene glycol monobutyl ether (Butyl carbitol)         |
|           | 19 29207043 | Diethylene glycol monoethyl ether (Carbitol)               |
|           | 19 29207044 | Diethylene glycol monomethyl ether (Methyl carbitol)       |
|           | 19 29207049 | Diethylene glycol ethers, not elsewhere classified         |
|           | 19 29207050 | Diethylene oxide   |
|           | 19 29207060 | Dimethyl ether   |
|           | 19 29207070 | Ethyl cellulose  |
|           | 19 29207080 | Ethyl ether, except m. g. (Diethyl ether) (Sulfuric ether) |
|           | 19 29207081 | Technical  |
|           | 19 29207082 | Absolute   |
|           | 19 29207089 | Ethyl ether, except m. g., not elsewhere classified        |
|           | 19 29207110 | Ethylene glycol ethers                                     |
|           | 19 29207111 | Ethylene glycol diethyl ether (Diethyl cellosolve)         |
|           | 19 29207112 | Ethylene glycol monobutyl ether (Butyl cellosolve)         |
|           | 19 29207113 | Ethylene glycol monoethyl ether (Cellosolve)               |
|           | 19 29207114 | Ethylene glycol monomethyl ether (Methyl cellosolve)       |
|           | 19 29207119 | Ethylene glycol ethers, not elsewhere classified           |
|           | 19 29207120 | Ethylene oxide   |
|           | 19 29207130 | Hexyl ether  |
|           | 19 29207140 | Isopropyl ether  |
|           | 19 29207150 | Methyl cellulose   |
|           | 19 29207160 | Propylene oxide  |
|           | 19 29207990 | Ethers, non-cyclic, not elsewhere classified               |
| 19 292080 |             | <b>Ketones, non-cyclic</b>                                 |
|           | 19 29208010 | Acetone  |
|           | 19 29208011 | From isopropyl alcohol                                     |
|           | 19 29208012 | By fermentation  |
|           | 19 29208020 | Acetylacetone  |
|           | 19 29208030 | Capryl ketone  |
|           | 19 29208040 | Di-isobutyl ketone   |
|           | 19 29208050 | Di-isobutylene ketone                                      |
|           | 19 29208060 | Fenchone   |
|           | 19 29208070 | Mesityl oxide (2-Methyl-2-pentenone)                       |
|           | 19 29208080 | Methyl amyl ketone   |
|           | 19 29208110 | Methyl butyl ketone  |
|           | 19 29208120 | Methyl ethyl ketone (2-Butanone)                           |
|           | 19 29208130 | Methyl isobutyl ketone                                     |
|           | 19 29208140 | Methyl propyl ketone                                       |
|           | 19 29208150 | Phorone  |
|           | 19 29208990 | Ketones, non-cyclic, not elsewhere classified              |
| 19 292110 |             | <b>Halogen compounds, non-cyclic, except acids</b>         |
|           | 19 29211010 | Acetylchloride   |
|           | 19 29211020 | Allyl bromide  |
|           | 19 29211030 | Allyl chloride   |
|           | 19 29211040 | Amyl chlorides   |
|           | 19 29211050 | n-Butyl bromide  |

CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

Miscellaneous Organic Chemicals—Continued

Miscellaneous organic chemicals, non-cyclic (include non-cyclic intermediates)—Continued

Halogen compounds, non-cyclic, except acids—Continued

- 19 29211060 Butyl chlorides
- 19 29211061 n-Butyl chloride
- 19 29211062 tert-Butyl chloride
- 19 29211069 Butyl chlorides, not elsewhere classified
- 19 29211070 Butylene chlorohydrin
- 19 29211080 Butylene dichloride
- 19 29211110 Capryl chloride
- 19 29211120 Carbon tetrachloride
- 19 29211130 Carbonyl chloride (Phosgene)
- 19 29211140 Chlorinated paraffin
- 19 29211150 Chloroacetyl chloride
- 19 29211160 Chlorobromopropanes (Trimethylene-chlorobromide)
- 19 29211170 Chloroform, except anesthetic and medicinal grades
- 19 29211180 Dichlorodimethyl ether
- 19 29211210 Dichloroethyl formal
- 19 29211220 Ethyl bromide
- 19 29211230 Ethyl chloride
- 19 29211240 Ethyl chloroacetate
- 19 29211250 Ethyl chloroformate (Ethyl chlorocarbonate)
- 19 29211260 Ethylene chlorobromide (2-Bromo-1-chloroethane)
- 19 29211270 Ethylene chlorohydrin
- 19 29211280 Ethylene dibromide
- 19 29211310 Ethylene dichloride
- 19 29211330 Hexachloroethane
- 19 29211340 Isopropyl bromide
- 19 29211350 Isopropyl chloride
- 19 29211360 Methylal chloride
- 19 29211370 Methyl bromide
- 19 29211380 1-Methylbutyl bromide
- 19 29211410 Methyl chloride
- 19 29211411 Technical
- 19 29211412 Refined, refrigerant grade
- 19 29211420 Methylene chloride (Dichloromethane)
- 19 29211421 Technical
- 19 29211422 Refined, refrigerant grade
- 19 29211430 Methylene iodide
- 19 29211440 Methyl iodide
- 19 29211450 Pentachloroethane
- 19 29211460 Propionyl chloride
- 19 29211470 Propylene chlorohydrin
- 19 29211480 Propylene dichlorides
- 19 29211510 Tetrabromoethane (Acetylene tetrabromide)
- 19 29211520 Tetrachloroethane
- 19 29211530 Tetrachloroethylene (Perchloroethylene)
- 19 29211540 Trichloroethanes
- 19 29211541 1,1,2-Trichloroethane
- 19 29211542 Trichloroethanes, not elsewhere classified
- 19 29211550 Trichloroethylene
- 19 29211560 Trimethylene bromide
- 19 29211570 Vinyl chloride
- 19 29211580 Vinylidene chloride
- 19 29211990 Halogen compounds, non-cyclic, except acids, not elsewhere classified

19 292120

Compounds containing nitrogen, non-cyclic

- 19 29212010 Acetamide
- 19 29212020 Acetonitrile
- 19 29212030 Acrylonitrile

CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

Miscellaneous Organic Chemicals—Continued

Miscellaneous organic chemicals, non-cyclic (include non-cyclic intermediates)—Continued

Compounds containing nitrogen, non-cyclic—Continued

- 19 29212040 Allylamine
- 19 29212050 Aminoacetic acid (Glycine)
- 19 29212060 Amylamines
- 19 29212061 Amylamine (1-Amino-n-pentane)
- 19 29212062 Diamylamine
- 19 29212063 Triamylamine
- 19 29212069 Amylamines, not elsewhere classified
- 19 29212070 Amyl nitrate
- 19 29212080 2-Amino-1-butanolamine
- 19 29212110 2-Amino-2-ethyl-1,3-propanediol
- 19 29212120 2-Amino-2-methyl-1,3-propanediol
- 19 29212130 2-Amino-2-methyl-1-propanol
- 19 29212140  $\alpha$ -Aminopropionic acid ( $\alpha$ -Alanine)
- 19 29212150 Butylamines
- 19 29212151 Butylamine (1-Aminobutane)
- 19 29212152 Dibutylamine
- 19 29212153 Isobutylamine
- 19 29212154 Tributylamine
- 19 29212159 Butylamines, not elsewhere classified
- 19 29212160 Casein
- 19 29212161 Rennet, precipitated
- 19 29212162 Natural, precipitated
- 19 29212163 Acid, precipitated
- 19 29212169 Casein, not elsewhere classified
- 19 29212170  $\beta$ -Chloro -  $\alpha$  - diethylaminoethane hydrochloride
- 19 29212180 Diaminodiacetic acid
- 19 29212210 Dicyandiamide
- 19 29212220 1-Diethylamino-4-aminopentane
- 19 29212230 1-Diethylamino-4-pentanone
- 19 29212240 Diethylenetetramine
- 19 29212250 Dimethylglyoxime
- 19 29212260 Dimethylurea
- 19 29212270 Dimethylolurea
- 19 29212280 Dipropylenetriamine
- 19 29212310 Ethanolamines
- 19 29212311 Monoethanolamine
- 19 29212312 Diethanolamine
- 19 29212313 Triethanolamine
- 19 29212314 Diethylethanolamine (Diethylaminoethanol)
- 19 29212319 Ethanolamines, not elsewhere classified
- 19 29212320 Ethylamines
- 19 29212321 Ethylamine (1-Aminoethane) (Monoethylamine)
- 19 29212322 Diethylamine
- 19 29212323 Triethylamine
- 19 29212329 Ethylamines, not elsewhere classified
- 19 29212330 Ethyl carbamate (Urethan)
- 19 29212340 Ethylenediamine
- 19 29212350 Ethylenediamine dihydrochloride
- 19 29212360 Ethylcyanoacetate
- 19 29212370 Ethyl nitrate
- 19 29212380 Formamide
- 19 29212410 Guanidine
- 19 29212420 Guanidine nitrate
- 19 29212430 Hexamethylenediamine
- 19 29212440 Hexamethylenetetramine (Formin) (Hexamine)
- 19 29212450 Hexamethylenediammonium adipate (Nylon monomer)
- 19 29212460 Hydrazine hydrochloride
- 19 29212470 Hydrofuramide



CHEMICALS—Continued

BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

Miscellaneous Organic Chemicals—Continued

Miscellaneous organic chemicals, non-cyclic (include non-cyclic intermediates)—Continued

Compounds containing nitrogen, non-cyclic—Continued

- 19 29212480 Hydroxyethylethylenediamine
- 19 29212510 Hydroxylamine
- 19 29212520 Hydroxylamine hydrochloride
- 19 29212530 Hydroxylammonium acid sulfate
- 19 29212540 Hydroxylammonium sulfate
- 19 29212550 dl-Isoleucine (di-2-Amino-3-methyl-pentanoic acid)
- 19 29212560 Isoamyl nitrate
- 19 29212570 Isopropanolamines
- 19 29212580 Laurylamine
- 19 29212610 Lecithin
- 19 29212620 Leucines
- 19 29212621 dl-Leucine (dl- $\alpha$ -Amino caproic acid)
- 19 29212622 d-Leucine
- 19 29212623 l-Leucine
- 19 29212630 Methylamines
- 19 29212631 Monomethylamine
- 19 29212632 Dimethylamine
- 19 29212633 Trimethylamine
- 19 29212639 Methylamines, not elsewhere classified
- 19 29212640 Monoethanolamine sulfate
- 19 29212650 Mustard oil
- 19 29212651 Synthetic (Allyl isothiocyanate)
- 19 29212652 Natural
- 19 29212660 2-Nitro-1-butanol
- 19 29212670 2-Nitro-2-ethyl-1,3-propanediol
- 19 29212680 2-Nitro-2-methyl-1-propanol
- 19 29212710 2-Nitro-2-methyl-1,3-propanediol
- 19 29212720 Nitroethane
- 19 29212730 Nitromethane
- 19 29212740 1-Nitropropane
- 19 29212750 2-Nitropropane
- 19 29212760 dl-Norleucine (dl-2-Aminohexanoic acid)
- 19 29212770 Polyethyleneamines
- 19 29212780 Propylenediamine
- 19 29212810 Semi-carbazide hydrochloride
- 19 29212820 Succinimide
- 19 29212830 Thiourea
- 19 29212840 Threonine ( $\alpha$ -Amino- $\beta$ -hydroxy butyric acid)
- 19 29212850 Triethanolamine phosphate
- 19 29212860 Tri-isopropanolamine
- 19 29212870 Tri(hydroxymethyl)aminomethane
- 19 29212880 Tri(hydroxymethyl)nitromethane
- 19 29212910 Urea, except urea fertilizer mixtures
- 19 29212990 Compounds containing nitrogen, non-cyclic, not elsewhere classified

19 292130

Plasticizers, non-cyclic

- 19 29213010 Butyl stearate
- 19 29213020 Dibutyl oxalate
- 19 29213030 Dibutyl sebacate
- 19 29213040 Dibutyl tartrate
- 19 29213050 Diethylene glycol monostearate
- 19 29213060 Glyceryl tripropionate
- 19 29213070 Glycol tripropionate
- 19 29213080 Methyl cellosolve acetyl ricinoleate
- 19 29213110 Pentaerythritols
- 19 29213111 Dipentaerythritol hexybutyrate
- 19 29213112 Dipentaerythritol hexapropionate
- 19 29213113 Dipentaerythritol acetate
- 19 29213114 Monopentaerythritol tetrabutryrate
- 19 29213115 Monopentaerythritol diacetate dibutyrate

# CHEMICALS—Continued

## BASIC ORGANIC CHEMICALS AND CHEMICAL PRODUCTS—Continued

### Miscellaneous Organic Chemicals—Continued

#### Miscellaneous organic chemicals, non-cyclic (include non-cyclic intermediates)—Continued

##### Plasticizers, non-cyclic—Continued

##### Pentaerythritols—Continued

19 29213119	Pentaerythritols, not elsewhere classified
19 29213120	Sucrose octa-acetate
19 29213130	Tributyl ethyl phosphate
19 29213140	Tributyl citrate
19 29213150	Tributyl phosphate
19 29213160	Triethyl citrate
19 29213170	Triethylene glycol dihexoate
19 29213180	Triethyl phosphate
19 29213990	Plasticizers, non-cyclic, not elsewhere classified
19 292140	Hydrocarbons (miscellaneous) and related non-cyclic derivatives
19 2921401	Amyl mercaptan
19 2921402	Carbon disulfide
19 2921403	Diethyl sulfate
19 2921404	Ethyl mercaptan
19 2921405	Tetraethyl lead
19 2921406	Tri-isobutylene
19 2921409	Hydrocarbons and related non-cyclic derivatives, not elsewhere classified
19 292990	Organic chemicals, non-cyclic (include non-cyclic intermediates), not elsewhere classified
19 300000	COMPRESSED AND LIQUEFIED GASES AND CHEMICAL WARFARE AGENTS
19 310000	<i>Elemental Gases, Except Oxygen and Chlorine</i>
19 311000	Argon
19 312000	Helium
19 313000	Hydrogen
19 314000	Neon
19 315000	Nitrogen
19 319000	Elemental gases, except oxygen and chlorine, not elsewhere classified
19 320000	<i>Hydrocarbon Gases, Except Petroleum and Natural Gases</i>
19 321000	Butadiene
19 321100	Synthetic rubber grade
19 321200	Butadiene, except synthetic rubber grade
19 322000	Acetylene
19 329000	Hydrocarbon gases, except petroleum and natural gases, not elsewhere classified
19 330000	<i>Refrigerants, Except Ammonia</i>
19 331000	Dichloromonofluoromethane
19 332000	Trichloromonofluoromethane
19 333000	Dichlorodifluoromethane
19 334000	Dichlorotetrafluoroethane
19 339000	Refrigerants, except ammonia, not elsewhere classified
19 340000	<i>Chemical Warfare Agents, Except Phosgene</i>
19 341000	Lung-injuring agents
19 341100	Trichloromethylchloroformate
19 341200	Chloropicrin (PS)*
19 341300	Diphosgene (DP)*
19 341400	Ethylchloroarsine (ED)*
19 341900	Lung-injuring agents, not elsewhere classified
19 342000	Vesicant agents
19 342100	Dichloroethylsulfide (Mustard gas) (HS)*
19 342200	Chlorovinylchloroarsine (Lewisite) (M-1)*
19 342300	Dibromomethylsulfide (Bromlost)
19 342900	Vesicant agents, not elsewhere classified
19 343000	Sternutators
19 343100	Diphenylchloroarsine (DA)*
19 343200	Diphenylcyanarsine (CDA)*
19 343300	Diphenylaminechloroarsine (Adamsite) (DM)*
19 343900	Sternutators, not elsewhere classified

\*Chemical Warfare Service symbols.

**CHEMICALS—Continued**

**COMPRESSED AND LIQUEFIED GASES AND CHEMICAL WARFARE AGENTS—Continued**

**Chemical Warfare Agents, Except Phosgene—Continued**

- 19 344000 Lachrymators
- 19 344100 Chloroacetophenone (Tear gas) (CN)\*
- 19 344200 Bromobenzylcyanide (CA)\*
- 19 344900 Lachrymators, not elsewhere classified
- 19 345000 Screening smokes
- 19 345100 Hexachloroethane smokes
- 19 345200 Sulfur trioxide-chlorosulfonic acid smokes (FS)\*
- 19 345300 Silicon tetrachloride-ammonia smokes
- 19 345400 Titanium chloride-ammonia smokes
- 19 345500 Titanium tetrachloride smokes (FM)\*
- 19 345600 White phosphorus smokes (WP)\*
- 19 345900 Screening smokes, not elsewhere classified
- 19 349000 Chemical warfare agents, except phosgene, not elsewhere classified

**Miscellaneous Compressed and Liquefied Gases**

- 19 390000 Carbon monoxide
- 19 392000 Carbon dioxide
- 19 392100 Gas
- 19 392200 Liquid
- 19 392300 Solid
- 19 393000 Nitrous oxide, except medicinal grade
- 19 394000 Liquid air
- 19 399000 Compressed and liquefied gases, not elsewhere classified
- 19 400000 PAINTS, VARNISHES, LACQUERS, JAPANS, THINNERS, PIGMENTS, DRIERS, FILLERS, AND RELATED PRODUCTS

**Paints, Varnishes, Lacquers, Japans, and Thinners**

- 19 410000 Paints
- 19 411000 Water paints and calcimines
- 19 411100 Cold-water, exterior
- 19 411111 Casein and other protein
- 19 411112 Lime and cement bound
- 19 411113 Emulsions
- 19 411119 Cold-water paints, exterior, not elsewhere classified
- 19 411120 Cold-water, interior
- 19 411121 Casein and other protein
  - 19 4111211 Paste and semipaste
  - 19 4111212 Dry powder
  - 19 4111219 Casein and other protein paints, not elsewhere classified
- 19 411122 Emulsions (include oil, varnish, or resin)
- 19 411129 Cold-water paints, interior, not elsewhere classified
- 19 411130 Calcimines
- 19 411131 Hot-water
- 19 411132 Cold-water, glue bound
- 19 411139 Calcimines, not elsewhere classified
- 19 411200 Plastic paints
- 19 411210 Paste
- 19 411211 Casein and other protein
- 19 411219 Paste, not elsewhere classified
- 19 411220 Dry powder
- 19 411221 Casein and other protein
- 19 411222 Glue bound
- 19 411229 Dry powder, not elsewhere classified
- 19 411300 Paints in paste form
- 19 411310 White lead in oil, pure
- 19 411320 Combination or graded whites
- 19 411330 Red lead in oil
- 19 411340 Zinc oxide in oil
- 19 411350 Colors in oil
- 19 411360 Colors in Japan
- 19 411390 Paints in paste form, not elsewhere classified

\*Chemical Warfare Service symbols.



# CHEMICALS—Continued

PAINTS, VARNISHES, LACQUERS, JAPANS, THINNERS, PIGMENTS,

DRIERS, FILLERS, AND RELATED PRODUCTS—Continued

*Paints, Varnishes, Lacquers, Japans, and Thinners—Continued*

Paints—Continued

- 19 411400 Paints, ready-mixed and semipaste
- 19 411410 Paints in oils
- 19 411411 Ready-mixed
- 19 411412 Semipaste
- 19 411419 Paints in oils, not elsewhere classified
- 19 411420 Under-coatings and primers
- 19 411430 Wall paints and mill whites, flat or gloss
- 19 411440 Marine paints
- 19 411450 Stains, except varnish stains
- 19 411460 Bituminous paints, except roof paint
- 19 411470 Roof paint
- 19 411490 Paints, ready-mixed and semipaste, not elsewhere classified
- 19 411900 Paints, not elsewhere classified
- 19 412000 Varnishes, clear, including mixed resin bases
- 19 412100 Shellac, varnish
- 19 412110 Bleached
- 19 412120 Dewaxed
- 19 412200 Natural resin base, except shellac
- 19 412300 Synthetic resin base (include oil, straight or modified, ester gum, plasticizers, driers and solvents)
- 19 412900 Varnishes, clear, including mixed resin bases, not elsewhere classified
- 19 413000 Varnishes, pigmented (Enamels) and varnish stains
- 19 413100 Oil, ester-gum, natural resin base
- 19 413200 Synthetic-resin base (include oil, straight or modified, ester gum, plasticizers, driers and solvents)
- 19 413900 Varnishes, pigmented (Enamels) and varnish stains, not elsewhere classified
- 19 414000 Lacquers
- 19 414100 Clear
- 19 414200 Pigmented
- 19 414300 Lacquer bases and dopes
- 19 414900 Lacquers, not elsewhere classified
- 19 415000 Japans
- 19 415100 Drying
- 19 415200 Baking
- 19 415900 Japans, not elsewhere classified
- 19 416000 Thinners (include mixtures and proprietary thinners only)
- 19 419000 Paints, varnishes, lacquers, Japans and thinners, not elsewhere classified
- 19 420000 *Color Pigments, Except Organic Lakes and Toners*
- 19 421000 Black pigments
- 19 421100 Acetylene black
- 19 421200 Animal blacks (Animal charcoal)
- 19 421210 Bone black
- 19 421220 Animal blacks, except bone black
- 19 421300 Carbon black (Gas black)
- 19 421310 Channel black
- 19 421311 Regular, uncompressed
- 19 421312 Beads, compressed
- 19 421319 Channel black, not elsewhere classified
- 19 421320 Furnace black
- 19 421321 Regular, uncompressed
- 19 421322 Beads, compressed
- 19 421329 Furnace black, not elsewhere classified
- 19 421400 Lamp black
- 19 421500 Mineral black
- 19 421600 Vegetable blacks
- 19 421610 Vegetable charcoal
- 19 421620 Vine black A
- 19 421630 Vine black B
- 19 421690 Vegetable blacks, not elsewhere classified

CHEMICALS—Continued

PAINTS, VARNISHES, LACQUERS, JAPANS, THINNERS, PIGMENTS,  
DRIERS, FILLERS, AND RELATED PRODUCTS—Continued

Color Pigments, *Except Organic Lakes and Toners*—Continued

Black pigments—Continued

- 19 421700 Black iron oxides
- 19 421710 Magnetic
- 19 421720 Synthetic
- 19 421790 Black iron oxides, not elsewhere classified
- 19 421900 Black pigments, not elsewhere classified
- 19 422000 White pigments
- 19 422100 White lead pigments, except colored pigments
- 19 421110 Carbonate, basic (White lead)
- 19 421120 Sulfates
- 19 422121 White basic
- 19 422122 Sulfates, except white basic
- 19 422190 White lead pigments, except colored pigments, not elsewhere classified
- 19 422200 White zinc pigments, except pure zinc oxide
- 19 422210 Leaded zinc oxide pigments
- 19 422211 5 percent and less, leaded
- 19 422212 Over 5 and including 35 percent leaded
- 19 422213 Over 35 and including 50 percent leaded
- 19 422214 Over 50 percent leaded
- 19 422219 Leaded zinc oxide pigments, not elsewhere classified
- 19 422220 Zinc sulfide pigments
- 19 422230 Lithopone
- 19 422231 Ordinary, containing less than 30 percent zinc sulfide
- 19 422232 High strength, containing 30 percent or more zinc sulfide
- 19 422239 Lithopone, not elsewhere classified
- 19 422240 Zinc sulfide-magnesium silicate pigments
- 19 422290 White zinc pigments, except pure zinc oxide, not elsewhere classified
- 19 422300 White barium pigments
- 19 422310 Barytes, natural, pigment grade
- 19 422320 Blanc fixé (Barium sulfate, precipitated)
- 19 422321 Dry, byproduct
- 19 422322 Direct process
- 19 422323 Pulp, 66 $\frac{2}{3}$  percent
- 19 422329 Blanc fixé (Barium sulfate, precipitated), not elsewhere classified
- 19 422390 White barium pigments, not elsewhere classified
- 19 422400 White titanium pigments
- 19 422410 White titanium oxide pigments, except pure titanium oxide
- 19 422411 Non-chalking
- 19 422412 Chalk resistant
- 19 422413 Rutile modification
- 19 422419 White titanium oxide pigments, except pure titanium oxide
- 19 422420 Composite titanium pigments
- 19 422421 Titanium dioxide with barium base
- 19 422422 Titanium dioxide with magnesium base
- 19 422423 Titanium dioxide with calcium base
- 19 422424 Rutile with calcium base
- 19 422429 Composite titanium pigments, not elsewhere classified
- 19 422430 Lead titanate pigments
- 19 422440 Titanium lithopone pigments
- 19 422441 High strength
- 19 422442 Ordinary
- 19 422449 Titanium lithopone pigments, not elsewhere classified
- 19 422500 Satin white sulfate
- 19 422900 White pigments, not elsewhere classified
- 19 423000 Colored pigments
- 19 423100 Yellow and orange pigments
- 19 423110 Chrome yellow (Lead chromates)
- 19 423111 Full strength
- 19 423112 Reduced

**CHEMICALS**—Continued

**PAINTS, VARNISHES, LACQUERS, JAPANS, THINNERS, PIGMENTS,  
DRIERS, FILLERS, AND RELATED PRODUCTS**—Continued

*Color Pigments, Except Organic Lakes and Toners*—Continued

Colored pigments—Continued

Yellow and orange pigments—Continued

19 423120	Chrome orange (Lead chromates)
19 423121	Full strength
19 423122	Reduced
19 423130	Molybdate chrome orange
19 423131	Full strength
19 423132	Reduced
19 423140	Zinc yellow (Zinc chromates)
19 423141	Full strength
19 423142	Reduced
19 423200	Iron blue pigments
19 423210	Full strength
19 423220	Reduced
19 423300	Chrome green pigments, from chrome yellow and iron blue
19 423310	Full strength
19 423320	Reduced
19 423400	Zinc green pigments, from zinc yellow and iron blue
19 423410	Full strength
19 423420	Reduced
19 423500	Green chrome pigments, hydrated and unhydrated chromium oxide
19 423510	Full strength
19 423520	Reduced
19 423600	Iron oxide pigments, except black
19 423610	Yellow iron oxide
19 423611	Ochers
	19 4236111 American golden
	19 4236112 Yellow
	19 4236113 French type
	19 4236119 Ochers, not elsewhere classified
19 423612	Yellow iron oxides, except ochres
	19 4236121 Synthetic
	19 4236122 Natural
	19 4236129 Yellow iron oxides, except ochers, not elsewhere classified
19 423620	Brown iron oxide
19 423621	Sienna
	19 4236211 Raw
	19 4236212 Burnt
	19 4236219 Sienna, not elsewhere classified
19 423622	Umbers
	19 4236221 Raw
	19 4236222 Burnt
	19 4236229 Umbers, not elsewhere classified
19 423623	Metallic brown iron oxide, natural and synthetic
19 423624	Vandyke brown
19 423625	Precipitated brown
19 423629	Brown iron oxide, not elsewhere classified
19 423630	Red iron oxide
19 423631	Hematite
19 423632	Persian Gulf oxide
19 423633	Spanish oxide
19 423634	English oxide
19 423635	Pure, precipitated or calcined
19 423636	Reduced oxide
19 423637	Venetian red
19 423639	Red iron oxides, not elsewhere classified
19 423700	Colored lead pigments, except white lead pigments
19 423710	Red lead
19 423711	Dry
19 423712	Paste
19 423719	Red lead, not elsewhere classified
19 423720	Orange mineral



*CHEMICALS—Continued*

*PAINTS, VARNISHES, LACQUERS, JAPANS, THINNERS, PIGMENTS, DRIERS, FILLERS, AND RELATED PRODUCTS—Continued*

*Color Pigments, Except Organic Lakes and Toners—Continued*

*Colored pigments—Continued*

- 19 423730 Colored lead pigments, except white lead pigments—Con.
- 19 423790 Blue basic sulfate
- Colored lead pigments, except white lead pigments, not elsewhere classified
- 19 423800 Ultramarine
- 19 423900 Miscellaneous color pigments, except organic lakes and toners
- 19 423910 Cadmium pigments
- 19 423911 Cadmium sulfoselenide
- 19 423912 Cadmium sulfide
- 19 423913 Cadmium lithopone
- 19 423919 Cadmium pigments, not elsewhere classified
- 19 423920 Arsenic pigments
- 19 423921 Arsenic trisulfide
- 19 423929 Arsenic pigments, not elsewhere classified
- 19 423930 Antimony pigments
- 19 423931 Antimony vermilion (Antimony trisulfide pigments)
- 19 423939 Antimony pigments, not elsewhere classified
- 19 423940 Mercury pigments
- 19 423941 English vermilion (Red mercuric sulfide pigments)
- 19 423942 Yellow mercuric oxide
- 19 423949 Mercury pigments, not elsewhere classified
- 19 423950 Copper pigments
- 19 423951 Red copper oxide
- 19 423959 Copper pigments, not elsewhere classified
- 19 423990 Color pigments, except organic lakes and toners, not elsewhere classified

*Paint Dryers*

- 19 431000 Linoleate type driers
- 19 432000 Naphthenate type driers
- 19 433000 Oleate type driers
- 19 434000 Resinate type driers
- 19 435000 Soyate type driers
- 19 439000 Paint driers, not elsewhere classified

*Wood Fillers*

- 19 441000 Liquid
- 19 442000 Paste
- 19 443000 Dry
- 19 449000 Wood fillers, not elsewhere classified

*Whiting*

- 19 451000 Ground in oil (Putty)
- 19 452000 Ground chalk
- 19 453000 Ground limestone
- 19 459000 Whiting, not elsewhere classified

*FERTILIZERS AND FERTILIZER MATERIALS*

*Nitrogenous Fertilizers*

- 19 511000 Chemical nitrogenous fertilizers
- 19 511100 Sodium nitrate, fertilizer grade
- 19 511110 Sodium nitrate, synthetic
- 19 511190 Sodium nitrate, not elsewhere classified
- 19 511200 Ammonium sulfate
- 19 511300 Ammoniating solutions
- 19 511400 Ammonium nitrate mixtures
- 19 511500 Urea mixtures
- 19 511600 Calcium cyanamide
- 19 511900 Nitrogenous chemical fertilizers, not elsewhere classified
- 19 512000 Natural organic nitrogenous fertilizers
- 19 512100 Castor pomace
- 19 512200 Activated sewage sludge
- 19 512300 Process tankage
- 19 512400 Garbage tankage
- 19 512900 Natural organic nitrogenous fertilizer, not elsewhere classified

# CHEMICALS—Continued

## FERTILIZERS AND FERTILIZER MATERIALS—Continued

### Phosphatic Fertilizers

- 19 520000
- 19 521000 Superphosphate (Less than 24 percent  $P_2O_5$ )
- 19 522000 Superphosphate (24 to 32 percent  $P_2O_5$ )
- 19 523000 Superphosphate (33 percent  $P_2O_5$  and over)
- 19 524000 Basic slag
- 19 525000 Phosphate rock, ground
- 19 529000 Phosphate fertilizers, not elsewhere classified

### Potassic Fertilizers

- 19 531000 Potassium chloride (Muriate of potash)
- 19 532000 Potassium sulfate
- 19 533000 Ground tobacco stems
- 19 539000 Potassium fertilizers, not elsewhere classified

### Fertilizers Containing Nitrogen and Phosphorus

- 19 540000 Bone meal
- 19 542000 Fish scrap
- 19 543000 Ammoniated superphosphates
- 19 544000 Ammonium phosphates
- 19 544100 Mono-ammonium phosphate
- 19 544200 Di-ammonium phosphate
- 19 544300 Ammo-Phos
- 19 544900 Ammonium phosphates, not elsewhere classified
- 19 545000 Prepared fertilizer mixtures containing nitrogen and phosphorus only, including 3-15-0 and similar mixtures.
- 19 549000 Fertilizers containing nitrogen and phosphorus, not elsewhere classified

### Fertilizers Containing Nitrogen and Potassium

- 19 550000
- 19 551000 Nitrate of soda-potash (Nitropo)
- 19 552000 Prepared mixtures containing nitrogen and potassium, including 10-0-10 and similar mixtures
- 19 559000 Fertilizers containing nitrogen and potassium, not elsewhere classified

### Fertilizers Containing Phosphorus and Potassium

- 19 560000
- 19 561000 Prepared mixtures containing phosphorus and potash only, including 0-14-7 and similar mixtures
- 19 569000 Fertilizers containing phosphorus and potassium, not elsewhere classified

### Fertilizers Containing Nitrogen, Phosphorus and Potassium

- 19 570000 Prepared mixture of ordinary grade with guarantee of less than 30 percent of N,  $P_2O_5$ , and  $K_2O$  combined, including 5-10-5 and similar mixtures
- 19 571000
- 19 572000 Prepared mixtures of concentrated grade, guaranteed to contain 30 percent or more of N,  $P_2O_5$ , and  $K_2O$  combined, including 12-24-12 and similar mixtures

### Minor Element Fertilizers

- 19 580000
- 19 581000 Boron fertilizer
- 19 582000 Manganese fertilizer
- 19 583000 Cobalt fertilizer
- 19 584000 Copper fertilizer
- 19 589000 Minor element fertilizers, not elsewhere classified
- 19 590000 Fertilizers and Fertilizer Materials, Not Elsewhere Classified

## INSECTICIDES, FUNGICIDES, AND AGRICULTURAL CHEMICALS

### Inorganic Insecticides

- 19 610000
- 19 611000 Arsenates
- 19 611100 Calcium arsenate
- 19 611200 Copper arsenate, basic
- 19 611300 Lead arsenates
- 19 611310 Lead arsenate, basic
- 19 611320 Lead arsenate, acid
- 19 611390 Lead arsenates, not elsewhere classified
- 19 611400 Magnesium arsenate
- 19 611500 Manganese arsenate
- 19 611600 Zinc arsenate
- 19 611900 Arsenates, not elsewhere classified

CHEMICALS—Continued

INSECTICIDES, FUNGICIDES, AND AGRICULTURAL CHEMICALS—Con.

*Inorganic Insecticides—Continued*

- 19 612000 Arsenites
- 19 612100 Calcium arsenite
- 19 612200 Paris green (Cupric acetoarsenite)
- 19 612300 Sodium arsenite
- 19 612400 Zinc arsenite
- 19 612500 Magnesium arsenite
- 19 612900 Arsenites, not elsewhere classified
- 19 613000 Barium silicofluoride (Barium fluosilicate)
- 19 614000 Hydrocyanic acid (Prussic acid)
- 19 615000 London purple
- 19 616000 Potassium-ammonium-seleno-sulfide
- 19 619000 Inorganic insecticides, not elsewhere classified

*Organic Insecticides*

- 19 621000 Rotenone bearing insecticides
- 19 621100 Cubé (Barbasco) (Timbo)
- 19 621110 Ground
- 19 621120 Extract
- 19 621190 Cubé (Barbasco) (Timbo), not elsewhere classified
- 19 621200 Derris (Tubé) (Tuba)
- 19 621210 Ground
- 19 621220 Extract
- 19 621290 Derris (Tubé) (Tuba), not elsewhere classified
- 19 621900 Rotenone bearing insecticides, not elsewhere classified
- 19 622000 Pyrethrum
- 19 622100 Ground
- 19 622200 Extract
- 19 622900 Pyrethrum, not elsewhere classified
- 19 623000 Larkspur
- 19 624000 Nicotine bearing insecticides
- 19 624100 Nicotine alkaloid
- 16 624200 Nicotine bentonite
- 19 624300 Nicotine sulfate
- 19 624400 Tobacco dust
- 19 624900 Nicotine bearing insecticides, not elsewhere classified
- 19 625000 Anabasine bearing compounds
- 19 625100 Anabasine alkaloid
- 19 625200 Anabasine sulfate
- 19 625900 Anabasine bearing compounds, not elsewhere classified
- 19 626000 Hellebore (Veratrum album)
- 19 629000 Miscellaneous organic insecticides
- 19 629010 Benzyl thiocyanate
- 19 629020  $\beta$ -Butoxy- $\beta'$ -thiocyanodiethyl ether
- 19 629030 Dichloronitroethane
- 19 629040 Dinitro-o-cyclohexylphenol
- 19 629050 4,6-Dinitro-o-cresol
- 19 629060 Fenchyl thiocyanoacetate (Thanite)
- 19 629070 Lauryl thiocyanate
- 19 629080 Metaldehyde
- 19 629110 Sabadilla
- 19 629120 Xanthone
- 19 629990 Organic insecticides, not elsewhere classified

*Fungicides*

- 19 630000 Copper containing fungicides
- 19 631000 Bordeaux mixture
- 19 631200 Burgundy mixture
- 19 631300 Eau celeste
- 19 631400 Copper ammonium silicate
- 19 631500 Copper naphthenate, except paint drier
- 19 631900 Copper containing fungicides, not elsewhere classified
- 19 632000 Sulfur containing fungicides
- 19 632100 Lime-sulfur solutions
- 19 632200 Lime-sulfur, dry
- 19 632300 Sulfur dust
- 19 632400 Wettable sulfur
- 19 632900 Sulfur containing fungicides, not elsewhere classified



# CHEMICALS—Continued

## INSECTICIDES, FUNGICIDES, AND AGRICULTURAL CHEMICALS—Con.

### Fungicides—Continued

- 19 633000 Mercury containing fungicides
- 19 633100 Hydroxymercurichlorophenol
- 19 633200 Hydroxymercurinitrophenol
- 19 633300 Hydroxymercuricresol
- 19 633400 Ethylmercuric chloride
- 19 633500 Ethylmercuric oleate
- 19 633600 Ethylmercuric phosphate
- 19 633700 Mercury chlorophenol
- 19 633800 Phenylmercuric oleate
- 19 633900 Mercury containing fungicides, not elsewhere classified
- 19 639000 Fungicides, not elsewhere classified
- 19 640000 *Agricultural Chemicals*
- 19 641000 Weed killers
- 19 641100 Sodium chlorate
- 19 641200 Weed killers, except sodium chlorate
- 19 642000 Rodent poisons
- 19 642100 Red squill
- 19 642200 Zinc phosphide
- 19 642900 Rodent poisons, not elsewhere classified
- 19 643000 Sheep dips
- 19 644000 Cattle dips
- 19 649000 Agricultural chemicals, not elsewhere classified
- 19 690000 *Insecticides, Fungicides, and Agricultural Chemicals, Not Elsewhere Classified*

### EXPLOSIVES AND COMPONENTS OF EXPLOSIVES

- 19 710000 *Sporting Powder*
- 19 720000 *Black Blasting Powder*
- 19 721000 Granular
- 19 722000 Pellet
- 19 730000 *Permissible Explosives, Containing Ammonium Nitrate*
- 19 740000 *High Explosives*
- 19 740100 Dynamites
- 19 740110 Gelatin dynamites (Gelignite)
- 19 740120 Nitroglycerin dynamites
- 19 740190 Dynamites, not elsewhere classified
- 19 740200 Nitroglycerols and nitroglycerins
- 19 740210 Dinitroglycerin
- 19 740220 Trinitroglycerin
- 19 740230 Ethyleneglycol dinitrate
- 19 740240 Nitroisobutyltrinitroglycerin
- 19 740290 Nitroglycerols and nitroglycerin, not elsewhere classified
- 19 740300 Nitrotoluols
- 19 740310 Dinitrotoluol (D. N. T.)
- 19 740320 Trinitrotoluol (T. N. T.)
- 19 740390 Nitrotoluols, not elsewhere classified
- 19 740400 Nitroanilines
- 19 740410 Tetryl (Tetranitromethylaniline)
- 19 740420 Trinitroaniline (Picramide)
- 19 740430 Hexanitrodiphenylamine
- 19 740490 Nitroanilines, not elsewhere classified
- 19 740500 Nitrophenols
- 19 740510 2,4,6-Trinitrophenol (Picric acid)
- 19 740520 2,4,6-Trinitroresorcinol (Styphnic acid)
- 19 740530 Trinitrocresol
- 19 740540 Ammonium picrate
- 19 740550 2,4,6-Trinitroanisole
- 19 740590 Nitrophenols, not elsewhere classified
- 19 740600 Nitrocellulose powder
- 19 740610 Smokeless powder
- 19 740620 Cordite
- 19 740690 Nitrocellulose powders, not elsewhere classified
- 19 740700 Pentaerythritol tetranitrate
- 19 740800 Pentolite (Pentaerythritol tetranitrate with T. N. T.)
- 19 741100 Amatol (Ammonium nitrate with T. N. T.)

CHEMICALS—Continued

EXPLOSIVES AND COMPONENTS OF EXPLOSIVES—Continued

*High Explosives—Continued*

- 19 741200 Hexamethylenetetramine nitrate
- 19 741300 Nitroguanidine
- 19 749900 High explosives, not elsewhere classified

*Detonators*

- 19 751000 Mercury fulminate
- 19 752000 Azides
  - 19 752100 Lead azide
  - 19 752200 Mercury azide
- 19 752900 Azides, not elsewhere classified
- 19 753000 Diazodinitrophenol
- 19 754000 Hexanitromannitol (Nitromannitol)
- 19 755000 Lead styphnate
- 19 759000 Detonators, not elsewhere classified

*Blasting Supplies, Except Black Blasting Powder*

- 19 761000 Safety fuses
- 19 762000 Detonating fuses
- 19 763000 Detonating caps
- 19 769000 Blasting supplies, except black blasting powder, not elsewhere classified

*Nitrated Carbohydrates, Except Nitrocellulose*

- 19 770000 Nitrostarches
- 19 772000 Nitrosugars, except hexanitromannitol
- 19 779000 Nitrocarbohydrates, except nitrocellulose, not elsewhere classified

19 790000 *Explosives and Components of Explosives, Not Elsewhere Classified*

PLASTICS MATERIALS, SYNTHETIC FIBERS AND SYNTHETIC ELASTOMERS

*Condensation Plastics*

Phenolic resins

- 19 810000 Phenol-formaldehyde resins
  - 19 811000 Liquid, including solutions
    - 19 811100 Laminating
    - 19 811111 Adhesive (Glue base)
    - 19 811112 Protective coating
  - 19 811110 Liquid, including solutions, not elsewhere classified
- 19 811120 Molding powders
  - 19 811130 Solid, except molding powder
    - 19 811131 Laminating
    - 19 811132 Adhesive (Glue base)
    - 19 811133 Protective coating
  - 19 811139 Solid, except molding powder, not elsewhere classified

Cast

- 19 811140 Sheets
- 19 811141 Rods
- 19 811142 Tubes
- 19 811149 Cast, not elsewhere classified

Laminated

- 19 811150 Sheets
- 19 811151 Rods
- 19 811152 Tubes
- 19 811159 Laminated, not elsewhere classified

Filled

- 19 811160 Sheets
- 19 811161 Rods
- 19 811162 Tubes
- 19 811169 Filled, not elsewhere classified

Phenol-formaldehyde resins, not elsewhere classified

Phenol-furfural resins

- 19 811200 Liquid, including solutions
  - 19 811211 Laminating
  - 19 811212 Adhesive (Glue base)
  - 19 811213 Protective coating
- 19 811219 Liquid, including solutions, not elsewhere classified
- 19 811220 Molding powders

**CHEMICALS—Continued**

**PLASTICS MATERIALS, SYNTHETIC FIBERS AND SYNTHETIC ELASTOMERS—Continued**

**Condensation Plastics—Continued**

**Phenolic resins—Continued**

**Phenol-furfural resins—Continued**

- 19 811230 Solid, except molding powder
- 19 811231 Laminating
- 19 811232 Adhesive (Glue base)
- 19 811233 Protective coating
- 19 811239 Solid, except molding powder, not elsewhere classified
- 19 811240 Cast
- 19 811241 Sheets
- 19 811242 Rods
- 19 811243 Tubes
- 19 811249 Cast, not elsewhere classified
- 19 811250 Laminated
- 19 811251 Sheets
- 19 811252 Rods
- 19 811253 Tubes
- 19 811259 Laminated, not elsewhere classified
- 19 811260 Filled
- 19 811261 Sheets
- 19 811262 Rods
- 19 811263 Tubes
- 19 811269 Filled, not elsewhere classified
- 19 811290 Phenol-furfural resins, not elsewhere classified
- 19 811300 Cresol-formaldehyde resins
- 19 811310 Liquid, including solutions
- 19 811311 Laminating
- 19 811312 Adhesive (Glue base)
- 19 811313 Protective coating
- 19 811319 Liquid, including solutions, not elsewhere classified
- 19 811320 Molding powders
- 19 811330 Solid, except molding powder
- 19 811331 Laminating
- 19 811332 Adhesive (Glue base)
- 19 811333 Protective coating
- 19 811339 Solid, except molding powder, not elsewhere classified
- 19 811340 Cast
- 19 811341 Sheets
- 19 811342 Rods
- 19 811343 Tubes
- 19 811349 Cast, not elsewhere classified
- 19 811350 Laminated
- 19 811351 Sheets
- 19 811352 Rods
- 19 811353 Tubes
- 19 811359 Laminated, not elsewhere classified
- 19 811360 Filled
- 19 811361 Sheets
- 19 811362 Rods
- 19 811363 Tubes
- 19 811369 Filled, not elsewhere classified
- 19 811390 Cresol-formaldehyde resins, not elsewhere classified
- 19 811400 Cresol-furfural resins
- 19 811410 Liquid, including solutions
- 19 811411 Laminating
- 19 811412 Adhesive (Glue base)
- 19 811413 Protective coating
- 19 811419 Liquid, including solutions, not elsewhere classified
- 19 811420 Molding powders
- 19 811430 Solid, except molding powder
- 19 811431 Laminating
- 19 811432 Adhesive (Glue base)
- 19 811433 Protective coating
- 19 811439 Solid, except molding powder, not elsewhere classified



*CHEMICALS*—Continued

PLASTICS MATERIALS, SYNTHETIC FIBERS AND SYNTHETIC ELASTOMERS—Continued

*Condensation Plastics*—Continued

Phenolic resins—Continued

Cresol-furfural resins—Continued

- 19 811440 Cast
- 19 811441 . Sheets
- 19 811442 Rods
- 19 811443 Tubes
- 19 811449 Cast, not elsewhere classified
- 19 811450 Laminated
- 19 811451 Sheets
- 19 811452 Rods
- 19 811453 Tubes
- 19 811459 Laminated, not elsewhere classified
- 19 811460 Filled
- 19 811461 Sheets
- 19 811462 Rods
- 19 811463 Tubes
- 19 811469 Filled, not elsewhere classified
- 19 811490 Cresol-furfural resins, not elsewhere classified
- 19 811500 Xylenol-formaldehyde resins
- 19 811510 Liquid, including solutions
- 19 811511 Laminating
- 19 811512 Adhesive (Glue base)
- 19 811513 Protective coating
- 19 811519 Liquid, including solutions, not elsewhere classified
- 19 811520 Molding powders
- 19 811530 Solid, except molding powder
- 19 811531 Laminating
- 19 811532 Adhesive (Glue base)
- 19 811533 Protective coating
- 19 811539 Solid, except molding powder, not elsewhere classified
- 19 811540 Cast
- 19 811541 Sheets
- 19 811542 Rods
- 19 811543 Tubes
- 19 811549 Cast, not elsewhere classified
- 19 811550 Laminated
- 19 811551 Sheets
- 19 811552 Rods
- 19 811553 Tubes
- 19 811559 Laminated, not elsewhere classified
- 19 811560 Filled
- 19 811561 Sheets
- 19 811562 Rods
- 19 811563 Tubes
- 19 811569 Filled, not elsewhere classified
- 19 811590 Xylenol-formaldehyde resins, not elsewhere classified
- 19 811600 Xylenol-furfural resins
- 19 811610 Liquid, including solutions
- 19 811611 Laminating
- 19 811612 Adhesive (Glue base)
- 19 811613 Protective coating
- 19 811619 Liquid, including solutions, not elsewhere classified
- 19 811620 Molding powders
- 19 811630 Solid, except molding powder
- 19 811631 Laminating
- 19 811632 Adhesive (Glue base)
- 19 811633 Protective coating
- 19 811639 Solid, except molding powder, not elsewhere classified
- 19 811640 Cast
- 19 811641 Sheets
- 19 811642 Rods
- 19 811643 Tubes
- 19 811649 Cast, not elsewhere classified

# CHEMICALS—Continued

## PLASTICS MATERIALS, SYNTHETIC FIBERS AND SYNTHETIC ELASTOMERS—Continued

### Condensation Plastics—Continued

#### Phenolic resins—Continued

##### Xylenol-furfural resins—Continued

19 811650	Laminated
19 811651	Sheets
19 811652	Rods
19 811653	Tubes
19 811659	Laminated, not elsewhere classified
19 811660	Filled
19 811661	Sheets
19 811662	Rods
19 811663	Tubes
19 811669	Filled, not elsewhere classified
19 811690	Xylenol-furfural resins, not elsewhere classified
19 811700	Mixed phenolic resins, include cashew nut shell oil resins
19 811710	Liquid, including solutions
19 811711	Laminating
19 811712	Adhesive (Glue base)
19 811713	Protective coating
19 811719	Liquid, including solutions, not elsewhere classified
19 811720	Molding powders
19 811730	Solid, except molding powder
19 811731	Laminating
19 811732	Adhesive (Glue base)
19 811733	Protective coating
19 811739	Solid, except molding powder, not elsewhere classified
19 811740	Cast
19 811741	Sheets
19 811742	Rods
19 811743	Tubes
19 811749	Cast, not elsewhere classified
19 811750	Laminated
19 811751	Sheets
19 811752	Rods
19 811753	Tubes
19 811759	Laminated, not elsewhere classified
19 811760	Filled
19 811761	Sheets
19 811762	Rods
19 811763	Tubes
19 811769	Filled, not elsewhere classified
19 811790	Mixed phenolic resins, not elsewhere classified
19 811900	Phenolic resins, not elsewhere classified
19 812000	Alkyd resins, by type
19 812100	Phthalic anhydride type <sup>5</sup>
19 812200	Maleic anhydride type <sup>5</sup>
19 812300	Malonic acid type
19 812400	Adipic acid type
19 812500	Citric acid type
19 812600	Sebacic acid type
19 812900	Alkyd resins by type, not elsewhere classified
19 813000	Organic nitrogen resins
19 813100	Urea-formaldehyde resins
19 813110	Liquid, including solutions
19 813111	Laminating
19 813112	Adhesive (Glue base)
19 813113	Protective coating
19 813119	Liquid, including solutions, not elsewhere classified,
19 813120	Molding powders
19 813130	Solid, except molding powder
19 813131	Laminating
19 813132	Adhesive (Glue base)

<sup>5</sup> Includes anhydride-alcohol oil chemically combined. Prepared surface coating mixtures made from alkyd resins are classified under Paints, Varnishes, and Lacquers, 19 40.

**CHEMICALS—Continued**

**PLASTICS MATERIALS, SYNTHETIC FIBERS AND SYNTHETIC ELASTOMERS—Continued**

**Condensation Plastics—Continued**

**Organic nitrogen resins—Continued**

**Urea-formaldehyde resins—Continued**

**Solid, except molding powder—Continued**

- 19 813133 Protective coating
- 19 813139 Solid, except molding powder, not elsewhere classified
- 19 813190 Urea-formaldehyde resins, not elsewhere classified
- 19 813200 Thiourea-formaldehyde resins
- 19 813210 Liquid, including solutions
- 19 813211 Laminating
- 19 813212 Adhesive (Glue base)
- 19 813213 Protective coating
- 19 813219 Liquid, including solutions, not elsewhere classified
- 19 813220 Molding powders
- 19 813230 Solid, except molding powder
- 19 813231 Laminating
- 19 813232 Adhesive (Glue base)
- 19 813233 Protective coating
- 19 813239 Solid, except molding powder, not elsewhere specified
- 19 813290 Thiourea-formaldehyde resins, not elsewhere classified
- 19 813300 Melamine-formaldehyde resins
- 19 813310 Liquid, including solutions
- 19 813311 Laminating
- 19 813312 Adhesive (Glue base)
- 19 813313 Protective coating
- 19 813319 Liquid, including solutions, not elsewhere classified
- 19 813320 Molding powders
- 19 813330 Solid, except molding powder
- 19 813331 Laminating
- 19 813332 Adhesive (Glue base)
- 19 813333 Protective coating
- 19 813339 Solid, except molding powder, not elsewhere classified
- 19 813390 Melamine-formaldehyde resins, not elsewhere classified
- 19 813400 Aniline-formaldehyde resins
- 19 813900 Organic nitrogen resins, not elsewhere classified
- 19 814000 Organic sulfur resins, except polyalkylene sulfides
- 19 814100 Sulfonamide resins
- 19 814110 Paratoluenesulfonamide resins
- 19 814190 Sulfonamide resins, not elsewhere classified
- 19 814900 Organic sulfur resins, not elsewhere classified
- 19 815000 Lignin plastics
- 19 815100 Molding powders
- 19 815200 Laminated
- 19 815210 Sheets
- 19 815290 Laminated, not elsewhere classified
- 19 815300 Filled
- 19 815310 Sheets
- 19 815390 Filled, not elsewhere classified
- 19 815900 Lignin plastics, not elsewhere classified
- 19 816000 Silicon plastics
- 19 819000 Miscellaneous condensation plastics
- 19 819100 Diphenyl resins
- 19 819110 Liquid
- 19 819120 Crystals
- 19 819130 Hard transparent
- 19 819190 Diphenyl resins, not elsewhere classified
- 19 819200 Saccharide-aldehyde-urea plastics
- 19 819300 Ester gum resins (Ester gum, synthetic)
- 19 819900 Condensation plastics, not elsewhere classified
- 19 820000 *Polymerization Plastics, Except Fibers*
- 19 821000 Polyvinyl alcohol resins
- 19 822000 Polyvinyl ester resins
- 19 822100 Polyvinyl acetate resins
- 19 822900 Polyvinyl ester resins, not elsewhere classified



**CHEMICALS—Continued**

**PLASTICS MATERIALS, SYNTHETIC FIBERS AND SYNTHETIC ELASTOMERS—Continued**

***Polymerization Plastics, Except Fibers—Continued***

19 823000	Polyvinyl alcohol-aldehyde resins
19 823100	Polyvinyl formal resins
19 823200	Polyvinyl acetal resins
19 823300	Polyvinyl butyral resins
19 823900	Polyvinyl alcohol-aldehyde resins, not elsewhere classified
19 824000	Polyvinyl halide resins
19 824100	Polyvinyl chloride resins
19 824200	Polyvinylidene chloride resins
19 824300	Polyvinyl chloride-acetate copolymer resins
19 824400	Polyvinylidene chloride-polyvinyl chloride copolymer resins
19 824900	Polyvinyl halide resins, not elsewhere classified
19 825000	Polyacrylic acid ester resins
19 825100	Polymethyl acrylate resins
19 825110	Liquid
19 825120	Molding powders
19 825130	Cast
19 825131	Sheets
19 825132	Rods
19 825133	Tubes
19 825139	Cast, not elsewhere classified
19 825190	Polymethyl acrylate resins, not elsewhere classified
19 825200	Polyethyl acrylate resins
19 825300	Polypropyl acrylate resins
19 825400	Polybutyl acrylate resins
19 825900	Polyacrylic acid ester resins, not elsewhere classified
19 826000	Polymethacrylic acid ester resins
19 826100	Polymethylmethacrylate resins
19 826110	Liquid
19 826120	Molding powders
19 826130	Cast
19 826131	Sheets
19 826132	Rods
19 826133	Tubes
19 826139	Cast, not elsewhere classified
19 826140	Laminated
19 826141	Sheets
19 826142	Rods
19 826143	Tubes
19 826149	Laminated, not elsewhere classified
19 826150	Filled
19 826151	Sheets
19 826152	Rods
19 826153	Tubes
19 826159	Filled, not elsewhere classified
19 826190	Polymethylmethacrylate resins, not elsewhere classified
19 826200	Polyethyl methacrylate resins
19 826300	Polypropyl methacrylate resins
19 826400	Polybutyl methacrylate resins
19 826900	Polymethacrylic acid ester resins, not elsewhere classified
19 827000	Polyolefin resins
19 827100	Polyethylene, unpylasticized
19 827200	Polybutylene
19 827300	Isobutylene-sulfur dioxide
19 827310	Molding powder
19 827390	Isobutylene-sulfur dioxide, not elsewhere classified
19 827900	Polyolefin resins, not elsewhere classified
19 828000	Polyaromatic resins
19 828100	Polystyrene resins
19 828110	Liquid
19 828120	Molding powders
19 828130	Cast
19 828131	Sheets
19 828132	Rods

**CHEMICALS—Continued**

**PLASTICS MATERIALS, SYNTHETIC FIBERS AND SYNTHETIC ELASTOMERS—Continued**

***Polymerization Plastics, Except Fibers—Continued***

**Polyaromatic resins—Continued**

**Polystyrene resins—Continued**

**Cast—Continued**

Tubes

Cast, not elsewhere classified

Laminated

Sheets

Rods

Tubes

Laminated, not elsewhere classified

Filled

Sheets

Rods

Tubes

Filled, not elsewhere classified

Polystyrene resins, not elsewhere classified

Coumarone-indene resins

Rubber grades, soft

Rubber grades, medium

Rubber grades, medium hard

Rubber grades, hard

Rubber grades, varnish hard

Coumarone-indene resins, not elsewhere classified

Polyaromatic resins, not elsewhere classified

Miscellaneous polymerization plastics, except fibers

Polyacrylic acid resins

Halogen substituted polyacrylic acid ester resins

Halogen substituted polymethacrylic acid ester resins

Polyhexamethylenediamine adipamide (Crude Nylon polymer)

Chips (Flakes)

Crude Nylon polymer, except chips (flakes)

Polyacrylonitrile resins

Polyterpene resins

Petroleum polymer resins

Polymerization plastics, except fibers, not elsewhere classified

***Protein Plastics, Except Fibers***

Casein plastics

Sheets

Rods

Tubes

Casein plastics, not elsewhere classified

Soybean plastics

Sheets

Rods

Tubes

Soybean plastics, not elsewhere classified

Coffee bean plastics

Protein plastics, except fibers, not elsewhere classified

***Cellulose Plastics, Except Filaments and Fibers***

Cellulose ester plastics

Cellulose nitrate plastics

Blocks

Sheets

Rods

Tubes

Film base (Unsensitized film)

Motion picture film

Roll film and film packs, except aerial

Aerial film

Cut sheet film, except thin base

Cut sheet thin base film

Cellulose nitrate film base, not elsewhere classified

Protective coating

Cellulose nitrate plastics, not elsewhere classified

CHEMICALS—Continued

PLASTICS MATERIALS, SYNTHETIC FIBERS AND SYNTHETIC ELASTOMERS—Continued

*Cellulose Plastics, Except Filaments and Fibers*—Continued

Cellulose ester plastics—Continued

Cellulose acetate plastics

- 19 841200 Molding powders
- 19 841210 Sheets
- 19 841221 Wrapping materials
- 19 841229 Sheets, not elsewhere classified
- 19 841230 Rods
- 19 841240 Tubes
- 19 841250 Film base (Unsensitized film)
- 19 841251 Motion picture film
- 19 841252 Roll film and film packs, except aerial
- 19 841253 Aerial film
- 19 841254 Cut sheet film, except thin base
- 19 841255 Cut sheet thin base film
- 19 841256 X-ray film
- 19 841259 Cellulose acetate film base, not elsewhere classified
- 19 841290 Cellulose acetate plastics, not elsewhere classified
- 19 841300 Cellulose acetate-propionate plastics
- 19 841310 Molding powders
- 19 841320 Sheets
- 19 841330 Rods
- 19 841340 Tubes
- 19 841390 Cellulose acetate-propionate plastics, not elsewhere classified
- 19 841400 Cellulose acetate-butyrate plastics
- 19 841410 Molding powders
- 19 841420 Sheets
- 19 841430 Rods
- 19 841440 Tubes
- 19 841490 Cellulose acetate-butyrate plastics, not elsewhere classified
- 19 841900 Cellulose ester plastics, not elsewhere classified
- 19 842000 Cellulose ether plastics
- 19 842100 Methyl cellulose plastics
- 19 842110 Molding powders
- 19 842190 Methyl cellulose plastics, not elsewhere classified
- 19 842200 Ethyl cellulose plastics
- 19 842210 Molding powders
- 19 842220 Sheets
- 19 842230 Films and foils in continuous lengths
- 19 842240 Adhesives
- 19 842250 Surface coatings
- 19 842290 Ethyl cellulose plastics, not elsewhere classified
- 19 842300 Benzyl cellulose plastics
- 19 842900 Cellulose ether plastics, not elsewhere classified
- 19 843000 Regenerated cellulose
- 19 843100 Sheets
- 19 843110 Wrapping material
- 19 843190 Sheets, not elsewhere classified
- 19 843900 Regenerated cellulose, not elsewhere classified
- 19 844000 Vulcanized fiber
- 19 844100 Sheets
- 19 844200 Rods
- 19 844300 Tubes
- 19 844000 Rolls
- 19 844500 Coils
- 19 844900 Vulcanized fiber, not elsewhere classified
- 19 849000 Cellulose plastics, except filaments and fibers, not elsewhere classified
- 19 850000 *Carbohydrate Plastics, Except Cellulose Plastics*
- 19 851000 Starch derivative plastics
- 19 859000 Carbohydrate plastics, except cellulose plastics, not elsewhere classified



# CHEMICALS—Continued

## PLASTICS MATERIALS, SYNTHETIC FIBERS AND SYNTHETIC ELASTOMERS—Continued

### *Synthetic Fibers*

19 860000	
19 861000	Cellulose acetate fiber (Rayon)
19 861100	Rayon yarn, single, not exceeding 7 turns twist per inch
19 861110	75 denier and finer (87 denier and less)
19 861120	100 denier (88 to 112 denier)
19 861130	125 denier (113 to 137 denier)
19 861140	150 denier (138 to 162 denier)
19 861150	200 denier (163 to 249 denier)
19 861160	300 denier (250 to 374 denier)
19 861170	450 denier and coarser (375 denier and up)
19 861200	Continuous monofilament, uncut (Artificial horsehair)
19 861300	Tow (Grouped filaments), not twisted
19 861400	Staple fiber (Cut filament)
19 861900	Cellulose acetate fiber (Rayon), not elsewhere classified
19 862000	Regenerated cellulose fibers (Rayon)
19 862100	Rayon yarn, single, not exceeding 7 turns twist per inch
19 862110	Viscose yarn
19 862111	75 denier and finer (87 denier and less)
19 862112	100 denier (88 to 112 denier)
19 862113	125 denier (113 to 137 denier)
19 862114	150 denier (138 to 162 denier)
19 862115	200 denier (163 to 249 denier)
19 862116	300 denier (250 to 374 denier)
19 862117	450 denier and coarser (375 denier and up)
19 862120	Cuprammonium yarn
19 862121	75 denier and finer (87 denier and less)
19 862122	100 denier (88 to 112 denier)
19 862123	125 denier (113 to 137 denier)
19 862124	150 denier (138 to 162 denier)
19 862125	200 denier (163 to 249 denier)
19 862126	300 denier (250 to 374 denier)
19 862127	450 denier and coarser (375 denier and up)
19 862130	Saponified cellulose acetate yarn
19 862131	75 denier and finer (87 denier and less)
19 862132	100 denier (88 to 112 denier)
19 862133	125 denier (113 to 137 denier)
19 862134	150 denier (138 to 162 denier)
19 862135	200 denier (163 to 249 denier)
19 862136	300 denier (250 to 374 denier)
19 862137	450 denier and coarser (375 denier and up)
19 862140	Nitrocellulose yarn
19 862141	75 denier and finer (87 denier and less)
19 862142	100 denier (88 to 112 denier)
19 862143	125 denier (113 to 137 denier)
19 862144	150 denier (138 to 162 denier)
19 862145	200 denier (163 to 249 denier)
19 862146	300 denier (250 to 374 denier)
19 862147	450 denier and coarser (375 denier and up)
19 862190	Rayon yarn, single, not exceeding 7 turns twist per inch, not elsewhere classified
19 862200	Monofilament
19 862210	Viscose filament, uncut (Artificial horsehair)
19 862220	Saponified cellulose acetate filament, uncut (Artificial horsehair)
19 862230	Cuprammonium filament, uncut (Artificial horsehair)
19 862240	Air-enclosing film (Bubblfil)
19 862290	Rayon monofilament, not elsewhere classified
19 862300	Tow (Grouped filaments), not twisted
19 862310	Viscose
19 862320	Cuprammonium
19 862330	Nitrocellulose
19 862390	Rayon tow, not twisted, not elsewhere classified
19 862400	Bands and strips
19 862410	Viscose (Visca)

**CHEMICALS—Continued**

**PLASTICS MATERIALS, SYNTHETIC FIBERS AND SYNTHETIC ELASTOMERS—Continued**

**Synthetic Fibers—Continued**

**Regenerated cellulose fibers (Rayon)—Continued**

**Bands and strips—Continued**

- 19 862420 Cuprammonium
- 19 811239 Solid, except molding powder, not elsewhere classified
- 19 862500 Staple fiber (Cut filament)
- 19 862510 Viscose
- 19 862511 Animalized (Basified fiber)
- 19 862512 Viscose staple fiber, except animalized
- 19 862520 Cuprammonium
- 19 862521 Animalized (Basified fiber)
- 19 862522 Cuprammonium staple fiber, except animalized
- 19 862590 Rayon staple fiber (Cut filament), not elsewhere classified
- 19 862900 Regenerated cellulose fibers (Rayon), not elsewhere classified
- 19 863000 Polyvinyl ester fibers (Vinyon and similar products)
- 19 863100 Yarn, not thrown
- 19 863110 75 denier and finer (87 denier and less)
- 19 863120 100 denier (88 to 112 denier)
- 19 863130 125 denier (113 to 137 denier)
- 19 863140 150 denier (138 to 162 denier)
- 19 863150 200 denier (163 to 249 denier)
- 19 863160 300 denier (250 to 374 denier)
- 19 863170 450 denier and coarser (375 denier and up)
- 19 863300 Tow (Grouped filaments), not twisted
- 19 863500 Staple fiber (Cut filament)
- 19 863900 Polyvinyl ester fibers (Vinyon and similar products), not elsewhere classified
- 19 864000 Polyvinylidene chloride-vinyl chloride fibers (Saran, Velon, and similar products)
- 19 864100 Yarn, not thrown
- 19 864200 Continuous monofilament, uncut
- 19 864300 Tow (Grouped filaments), not twisted
- 19 864400 Bands and strips
- 19 864900 Polyvinylidene chloride-vinyl chloride fibers (Saran, Velon, and similar products), not elsewhere classified
- 19 865000 Polymeric amide fibers
- 19 865100 Polyhexamethylenediamine adipamide fibers (Nylon)
- 19 865110 Yarn, not thrown
- 19 865111 75 denier and finer (87 denier or less)
- 19 865112 100 denier (88 to 112 denier)
- 19 865113 125 denier (113 to 137 denier)
- 19 865114 150 denier (138 to 162 denier)
- 19 865115 200 denier (163 to 249 denier)
- 19 865116 300 denier (250 to 374 denier)
- 19 865117 450 denier and coarser (375 denier and up)
- 19 865120 Monofilament, uncut
- 19 865121 Bristling filament
- 19 865122 Suture filament
- 19 865129 Nylon monofilament, uncut, not elsewhere classified
- 19 865130 Tow (Grouped filaments), not twisted
- 19 865140 Staple fiber (Cut filament)
- 19 865190 Polyhexamethylenediamine adipamide fibers (Nylon), not elsewhere classified
- 19 865900 Polymeric amide fibers, not elsewhere classified
- 19 866000 Protein fibers
- 19 866100 Regenerated silk fibers
- 19 866110 Yarn, not thrown
- 19 866130 Tow (Grouped filaments, not twisted)
- 19 866140 Staple fiber (Cut filament)
- 19 866190 Regenerated silk fibers, not elsewhere classified
- 19 866200 Corn fibers (Zein and similar products)
- 19 866210 Yarn, not thrown
- 19 866230 Tow (Grouped filaments), not twisted
- 19 866240 Staple fiber (Cut filament)



**CHEMICALS—Continued**

**PLASTICS MATERIALS, SYNTHETIC FIBERS AND SYNTHETIC ELASTOMERS—Continued**

*Synthetic Fibers—Continued*

**Protein fibers—Continued**

**Corn fibers (Zein and similar products)—Continued**

19 866290      Corn fibers (Zein and similar products), not elsewhere classified

19 866300      Casein fibers (Aralac and similar products)

19 866330      Tow (Grouped filaments), not twisted

19 866340      Staple fiber (Cut filament)

19 866390      Casein fibers (Aralac and similar products), not elsewhere classified

19 866400      Soybean fibers

19 866430      Tow (Grouped filaments), not twisted

19 866440      Staple fiber (Cut filament)

19 866490      Soybean fibers, not elsewhere classified

19 866900      Protein fibers, not elsewhere classified

19 869000      Synthetic fibers, not elsewhere classified

*Synthetic Elastomers, By Type (Crude Synthetic Rubber) (Crude Synthetic Rubber Substitute Materials)*

19 870100      Polyvinyl alcohol elastomers

19 870200      Polyvinyl alcohol-butylaldehyde elastomers

19 870300      Polybutadiene elastomers

19 870400      Polybutadiene-acrylonitrile elastomers

18 870410      Buna N

19 870420      Thiokol RD

19 870490      Polybutadiene-acrylonitrile elastomers, not elsewhere classified

19 870500      Polybutadiene-isobutylene elastomers (Butyl rubber)

19 870600      Polybutadiene-styrene elastomers (Buna S)

19 870700      Polychlorobutadiene elastomers

19 871100      Polychloroprene elastomers

19 871110      Fast curing

19 871111      Neoprene GN

19 871112      Neoprene G

19 871119      Fast curing polychloroprene elastomers, not elsewhere classified

19 871120      Slow curing

19 871121      Neoprene E

19 871122      Neoprene M

19 871129      Slow curing polychloroprene elastomers, not elsewhere classified

19 871130      Specialty

19 871131      Low swelling

19 871132      Low temperature

19 871139      Specialty polychloroprene elastomers, not elsewhere classified

19 871190      Polychloroprene elastomers, not elsewhere classified

19 871200      Polyvinylchloride elastomers (Koroseal)

19 871300      Plasticized polyethylene elastomers

19 871400      Polyalkylene-sulfide elastomers

19 871410      Polymerized ethylene dichloride-sodium polysulfide

19 871411      Thiokol N

19 871412      Thiokol A

19 871413      Thiokol D

19 871419      Polymerized ethylene dichloride-sodium polysulfide, not elsewhere classified

19 871490      Polyalkylene-sulfide elastomers, not elsewhere classified

19 871500      Polyisobutylene elastomers (Vistanex)

19 871600      Polyisoprene elastomers

19 871700      Polymerized rubber chloride elastomers

19 871800      Polymerized rubber hydrochloride elastomers

19 879900      Synthetic elastomers, by type (Crude synthetic rubber) (Crude synthetic rubber substitute materials), not elsewhere classified

19 890000      *Plastics Materials, Synthetic Fibers, and Synthetic Elastomers, Not Elsewhere Classified*



# CHEMICALS—Continued

19 900000	MISCELLANEOUS CHEMICALS, INCLUDING INDUSTRIAL CHEMICAL PRODUCTS AND PREPARATIONS
19 901000	Insulating compounds
19 901100	Synthetic resin type
19 901200	Transformer oil type
19 901300	Rubber type
19 901400	Cellophane type
19 901900	Insulating compounds, not elsewhere classified
19 902000	Metal treating compounds
19 902100	Sodium cyanide type
19 902900	Metal treating compounds, not elsewhere classified
19 903000	Oil treating compounds
19 903100	Caustic soda type
19 903900	Oil treating compounds, not elsewhere classified
19 904000	Water purifying and softening compounds
19 904100	Aluminum sulfate type purifying compounds
19 904200	Chlorine type purifying compounds
19 904300	Copper sulfate type purifying compounds
19 904400	Sodium aluminate type purifying compounds
19 904500	Calcium hydroxide type compounds
19 904510	Purifying compounds
19 904520	Softening compounds
19 904600	Sodium carbonate type compounds
19 904610	Purifying compounds
19 904620	Softening compounds
19 904700	Zeolite type compounds
19 904710	Natural
19 904711	Purifying compounds
19 904712	Softening compounds
19 904720	Artificial
19 904721	Purifying compounds
19 904722	Softening compounds
19 904800	Synthetic resin type compounds
19 904900	Water purifying and softening compounds, not elsewhere classified
19 905000	Chlorine bleaching compounds
19 905100	Calcium hypochlorite (High-test bleaching powder) (70 percent chlorine)
19 905200	Bleaching powder, dry (35 percent chlorine)
19 905300	Bleaching powder, liquid
19 905400	Lithium hypochlorite
19 905500	Sodium hypochlorite solution (5 percent or more chlorine)
19 905900	Chlorine bleaching compounds, not elsewhere classified
19 906000	Laundry sours
19 906100	Sodium silicofluoride
19 906110	Technical grade
19 906120	Mixtures
19 906190	Sodium silicofluoride, not elsewhere classified
19 906200	Ammonium silicofluoride
19 906210	Technical grade
19 906220	Mixtures
19 906290	Ammonium silicofluoride, not elsewhere classified
19 906300	Acetic acid type
19 906400	Oxalic acid type
19 906900	Laundry sours, not elsewhere classified
19 907000	Glues
19 907100	Hide
19 907200	Extracted bone
19 907300	Green bone
19 907400	Vegetable
19 907500	Casein
19 907600	Fish
19 907700	Synthetic resin
19 907710	Phenolic-aldehyde
19 907711	Dry
19 907712	Liquid

# CHEMICALS—Continued

## MISCELLANEOUS CHEMICALS, INCLUDING INDUSTRIAL CHEMICAL PRODUCTS AND PREPARATIONS—Continued

### Glues—Continued

#### Synthetic resin—Continued

- 19 907720 Urea-aldehyde
- 19 907721 Dry
- 19 907722 Liquid

Synthetic resin glues, not elsewhere classified

- 19 907900 Glues, not elsewhere classified

- 19 908000 Gelatins

- 19 908100 Edible

- 19 908200 Inedible

- 19 908300 Photographic

- 19 908900 Gelatins, not elsewhere classified

- 19 911000 Starches

- 19 912000 Dextrines

- 19 913000 Sizes

- 19 913100 Rosin

- 19 913200 Gum

- 19 913300 Dextrine

- 19 913400 Starch

- 19 913500 Tapioca

- 19 913600 Glue

- 19 913900 Sizes, not elsewhere classified

- 19 914000 Mucilage

- 19 915000 Ossein

- 19 916000 Surface-active agents, by type, except soap

- 19 916100 Alkaline salts of sulfated and sulfonated oils, fats and waxes

- 19 916110 Salts of sulfated and sulfonated vegetable oils

- 19 916120 Salts of sulfated and sulfonated animal oils

- 19 916130 Salts of sulfated and sulfonated marine animal oils

- 19 916190 Alkaline salts of sulfated and sulfonated oils, fats and waxes, not elsewhere classified

- 19 916200 Sulfated and sulfonated fatty acids and salts

- 19 916210 Sulfonated ricinoleic acid, sodium salt

- 19 916220 Sodium hydroxyethane oleate sulfonate (Igepon A)

- 19 916290 Sulfated and sulfonated fatty acids and salts, not elsewhere classified

- 19 916300 Sulfated and sulfonated aryl and alkyl acids and salts

- 19 916310 Alkyl naphthalene sulfonates

- 19 916320 Tetrahydronaphthalene sulfonates

- 19 916330 Sulfo-aryl-stearic acids, Twitchell type

- 19 916340 Sulfonated petroleum compounds

- 19 916341 Naphthenic

- 19 916342 Paraffinic

- 19 916349 Sulfonated petroleum compounds, not elsewhere classified

(19 225780)

- 19 916350 Naphthalenesulfonic acid salts (under intermediates)

- 19 916350 Dialkyl sulfo-dicarboxylic acids and salts

- 19 916351 Dioctyl sodium sulfosuccinate (Aerosol OT)

- 19 916359 Dialkyl sulfo-dicarboxylic acids and salts, not elsewhere classified

- 19 916390 Sulfated and sulfonated aryl and alkyl acids and salts, not elsewhere classified

- 19 916400 Sulfated and sulfonated alcohols, including salts

- 19 916410 Sodium lauryl sulfate (Gardinol)

- 19 916420 Sodium cetyl sulfate

- 19 916430 Oleyl sulfate

- 19 916440 Stearyl sulfate

- 19 916490 Sulfated and sulfonated alcohols, including salts, not elsewhere classified

- 19 916500 Sulfated and sulfonated ethers, including salts

- 19 916510 Sulfonated naphthalene alkyl ethers

- 19 916590 Sulfated and sulfonated ethers, including salts, not elsewhere classified

- 19 916600 Sulfated and sulfonated amides

- 19 916610 Sodium oleylamidohydroxyethane sulfonate (Igepon T)

- 19 916690 Sulfated and sulfonated amides, not elsewhere classified

# CHEMICALS—Continued

## MISCELLANEOUS CHEMICALS, INCLUDING INDUSTRIAL CHEMICAL PRODUCTS AND PREPARATIONS—Continued

### Surface-active agents, by type, except soap—Continued

- 19 916700 Amines and other nitrogen soaps
- 19 916710 Ethanolamine soaps
- 19 916720 Diethylaminetriamine soaps
- 19 916790 Amines and other nitrogen soaps, not elsewhere classified
- 19 916800 Quaternary ammonium compounds
- 19 916810 Betaine derivatives
- 19 916820 Cetyldimethylbenzyl ammonium chloride
- 19 916830 Cetyl pyridinium chloride
- 19 916840 Lauryl pyridinium chloride
- 19 916850 Trimethylbenzyl ammonium chloride
- 19 916860 Trimethylcetyl ammonium chloride
- 19 916890 Quaternary ammonium compounds, not elsewhere classified
- 19 916900 Miscellaneous surface-active agents, by type, except soap
- 19 916910 Phosphonium compounds
- 19 916920 Glyceryl esters of fatty acids
- 19 916921 Glyceryl oleate
- 19 916922 Polyglycerol laurate
- 19 916929 Glyceryl esters of fatty acids, not elsewhere classified
- 19 916990 Surface-active agents, by type, except soap, not elsewhere classified
- 19 917000 Alkaline laundry builder compounds, containing less than 10 percent soap
- 19 918000 Alkaline metal cleaning compounds
- 19 921000 Alkaline bottle washing compounds
- 19 922000 Printing ink
- 19 922100 Black
- 19 922200 Printing ink, except black
- 19 923000 Tanning materials, synthetic
- 19 932100 Inorganic
- 19 923200 Organic
- 19 924000 Agricultural and industrial micro-organisms and enzymes, except yeast
- 19 924100 Fermentation bacteria
- 19 924110 Acetobacteriaceae
- 19 924120 Lactobacteriaceae
- 19 924130 Bacillaceae
- 19 924190 Fermentation bacteria, not elsewhere classified
- 19 924200 Molds
- 19 924210 Aspergilli
- 19 924220 Penicillia
- 19 924230 Rhizopus
- 19 924240 Mucor
- 19 924290 Molds, not elsewhere classified
- 19 921300 Enzymes
- 19 921310 Amylase (Diastase)
- 19 921320 Invertase
- 19 921330 Kinase
- 19 921340 Koji
- 19 921350 Pectinase
- 19 921360 Proteases (include proteinases and peptidases)
- 19 921390 Enzymes, not elsewhere classified
- 19 921900 Agricultural and industrial micro-organisms and enzymes, except yeast, not elsewhere classified
- 19 999000 Chemicals, including industrial chemical products and preparations, not elsewhere classified

## Supplementary Code 19-1

### For Derivation of Coal and Petroleum Crudes To Be Used in Group 19 2100

- 1 Coal derived
- 2 Petroleum derived



## MAJOR GROUP 21—IRON, AND IRON AND STEEL SCRAP

21 0000	<i>IRON, AND IRON AND STEEL SCRAP</i>
21 1000	IRON AND STEEL SCRAP, PREPARED
21 1010	Heavy melting steel scrap, No. 1
21 1011	Purchased scrap
21 1012	Home scrap
21 1020	Heavy melting steel scrap, No. 2
21 1021	Purchased scrap
21 1022	Home scrap
21 1030	Hydraulically compressed and baled sheet scrap
21 1031	Purchased scrap
21 1032	Home scrap
21 1040	Low phosphorus scrap
21 1041	Purchased scrap
21 1042	Home scrap
21 1050	Cast iron scrap
21 1051	Purchased scrap
21 1052	Home scrap
21 1060	Turnings and borings
21 1061	Purchased
21 1062	Home
21 1070	Rails for re-rolling
21 1071	Purchased
21 1072	Home
21 1080	Scrap rail
21 1081	Purchased
21 1082	Home
21 1110	SAE low-alloy steel
21 1111	Purchased
21 1112	Home
21 1120	High speed steel
21 1121	Purchased
21 1122	Home
21 1130	Chromium-base stainless steel
21 1131	Purchased
21 1132	Home
21 1140	Chromium-nickel stainless steel
21 1141	Purchased
21 1142	Home
21 1990	Iron and steel scrap, prepared, not elsewhere classified
21 1991	Purchased
21 1992	Home
21 2000	IRON AND STEEL SCRAP, UNPREPARED
21 2001	Purchased
21 2002	Home
21 3000	PIG IRON, EXCEPT "SILVERY IRON"
21 3100	<i>Foundry</i>
21 3200	<i>Malleable</i>
21 3300	<i>Basic</i>
21 3400	<i>Bessemer</i>
21 3500	<i>Intermediate Low Phosphorus</i>
21 3600	<i>Low Phosphorus (Phosphorus 0.035 Maximum)</i>
21 3700	<i>Charcoal</i>
21 3900	<i>Pig Iron, Except "Silvery Iron", Not Elsewhere Classified</i>
21 4000	SPONGE IRON

# IRON, AND IRON AND STEEL SCRAP—Continued

21 5000	<b>WROUGHT IRON</b>
21 5100	<i>Semi-finished Forms and Shapes</i>
21 5110	Blooms, billets, and slabs
21 5120	Sheet bars
21 5130	Skelp
21 5200	<i>Plates, Sheets, Strips, and Bars</i>
21 5210	Plates
21 5220	Sheets
21 5230	Strips, hot-rolled
21 5240	Bars
21 5300	<i>Tubular Products</i>
21 5310	Pipe
21 5320	Pipe fittings
21 5330	Tubing
21 5400	<i>Forgings (Before Machining)</i>
21 5500	<i>Track Accessories</i>
21 5900	<i>Wrought Iron Forms and Shapes, Not Elsewhere Classified</i>
21 6000	<b>IRON CASTINGS</b>
21 6100	<i>Gray Iron Castings (Before Machining), Except Pipe and Pipe Fittings</i>
21 6200	<i>Malleable Iron Castings (Before Machining), Except Pipe Fittings</i>
21 6300	<i>Cast Iron Pipe</i>
21 6310	Pressure pipe
21 6320	Soil pipe
21 6390	Cast iron pipe, not elsewhere classified
21 6400	<i>Iron Pipe Fittings</i>
21 6410	Gray iron
21 6411	Pressure pipe
21 6412	Soil pipe
21 6420	Malleable iron
21 6490	Iron pipe fittings, not elsewhere classified
21 6500	<i>Car Wheels, Cast Iron</i>
21 6600	<i>Ingot Molds, Stools, and Caps</i>
21 6700	<i>Grinding Balls</i>
21 6800	<i>Alloy Iron Rolls</i>
21 6900	<i>Miscellaneous Iron Castings</i>
21 6910	White iron castings, including abrasive
21 6990	Iron castings, not elsewhere classified
21 9000	<b>IRON SHAPES AND FORMS, NOT ELSEWHERE CLASSIFIED</b>

## MAJOR GROUP 22—STEEL

### DEFINITIONS:

The definitions applicable to the three kinds of steel distinguished in this classification are based primarily on definitions of the American Iron and Steel Institute.

A. *Carbon Steel* is steel with a nominal carbon content of 1.70 percent or under, except alloy steel.

B. *Alloy Steel, Except Stainless and Corrosion Heat Resistant* is steel containing:

- (a) Manganese—more than 1.65 percent, or
- (b) Silicon—more than 0.60 percent, or
- (c) Copper—more than 0.60 percent, or
- (d) Chromium—less than 4.0 percent, or
- (e) Aluminum, cobalt, columbium, molybdenum, nickel, titanium, tungsten, vanadium, zirconium, or other alloying elements in any amount specified or known to have been added to obtain a desired alloying effect, and
- (f) Iron—nominally 45 percent or more,  
Carbon—nominally 1.70 percent or under.

C. *Stainless and Corrosion Heat Resistant Steel* is alloy steel containing 4 percent or more chromium, with or without nickel or other alloying elements.

The three kinds of steel defined above are identified throughout Major Group 22 on the fifth digit: number 1 on the fifth digit denoting *carbon steel*; number 2 *alloy steel, except stainless and corrosion heat resistant*; and number 3 *stainless and corrosion heat resistant steel*.

22 0000	STEEL
22 1000	INGOTS AND MOLTEN STEEL FOR CASTINGS
22 1100	Ingots
22 1110	Carbon steel
22 1111	Open hearth
	22 11111 Basic
	22 11112 Acid
22 1112	Bessemer
22 1113	Electric
22 1114	Crucible
22 1120	Alloy steel, except stainless
22 1121	Open hearth
	22 112110 Basic
	22 112111 Tool steel
	22 112112 Basic open hearth, alloy steel, except tool steel
	22 112120 Acid
	22 112121 Tool steel
	22 112122 Acid open hearth, alloy steel, except tool steel
22 1122	Bessemer
22 1123	Electric
	22 112310 Tool steel
	22 112311 High speed, tungsten type (Class B)
	22 112312 High speed, molybdenum type (Class A)
	22 112319 Tool steel, not elsewhere classified
	22 112320 Electric, alloy steel, except tool steel
22 1124	Crucible
	22 11241 Tool steel
	22 11242 Crucible, alloy steel, except tool steel
22 1130	Stainless and corrosion heat resistant steel
22 1133	Electric
	22 11331 Corrosion resistant (4% to less than 10% chromium)
	22 11332 Chromium stainless (10% chromium and over)
	22 11333 Chromium nickel stainless



# STEEL—Continued

## INGOTS AND MOLTEN STEEL FOR CASTINGS—Continued

### Ingots—Continued

#### Stainless and corrosion heat resistant steel—Continued

- 22 1135 Ingots, except electric
  - 22 11351 Corrosion resistant (4% to less than 10% chromium)
  - 22 11352 Chromium stainless (10% chromium and over)
  - 22 11353 Chromium nickel stainless

#### Molten Steel for Castings

- 22 1200 Carbon steel
- 22 1210 Open hearth
  - 22 12111 Basic
  - 22 12112 Acid
- 22 1212 Bessemer
- 22 1213 Electric
- 22 1214 Crucible
- 22 1220 Alloy steel, except stainless
- 22 1221 Open hearth
  - 22 12211 Basic
  - 22 12212 Acid
- 22 1222 Bessemer
- 22 1223 Electric
- 22 1224 Crucible
- 22 1230 Stainless and corrosion heat resistant steel
- 22 1233 Electric
  - 22 12331 Corrosion resistant (4% to less than 10% chromium)
  - 22 12332 Chromium stainless (10% chromium and over)
  - 22 12333 Chromium nickel stainless
- 22 1235 Steel for castings, except electric
  - 22 12351 Corrosion resistant (4% to less than 10% chromium)
  - 22 12352 Chromium stainless (10% chromium and over)
  - 22 12353 Chromium nickel stainless

## SEMI-FINISHED FORMS AND SHAPES

### Blooms, Billets and Slabs

- 22 2000 Carbon steel
- 22 2100 Forgings
- 22 2110 Shell steel
- 22 2111 Blooms, billets, and slabs, carbon steel, not elsewhere classified
- 22 2112 Alloy steel, except stainless
- 22 2119 Forgings
- 22 2120 Shell steel
- 22 2121 Blooms, billets, and slabs, alloy steel, not elsewhere classified
- 22 2122 Stainless and corrosion heat resistant steel
- 22 2129 Blooms, billets, and slabs, alloy steel, not elsewhere classified
- 22 2130 Stainless and corrosion heat resistant steel

### Sheet Bars

- 22 2200 Carbon steel (include tin plate bars)
- 22 2210 Alloy steel, except stainless
- 22 2220 Stainless and corrosion heat resistant steel

### Tube Rounds (Pierced Billets)

- 22 2300 Carbon steel
- 22 2310 Alloy steel, except stainless
- 22 2320 Stainless and corrosion heat resistant steel

### Skelp

- 22 2400 Carbon steel
  - Over 6" wide x 0.250" and thicker
- 22 2410 Skelp carbon steel, except over 6" wide x 0.250" and thicker

### Wire Rods

- 22 2500 Carbon steel
- 22 2510 Alloy steel, except stainless
- 22 2520 Stainless and corrosion heat resistant steel

### Bolt, Nut, Spike, and Chain Rods

- 22 2600 Carbon steel
- 22 2610 Alloy steel, except stainless
- 22 2620 Stainless and corrosion heat resistant steel

# STEEL—Continued

## SEMI-FINISHED FORMS AND SHAPES—Continued

22 2900 *Semi-finished Forms and Shapes, Not Elsewhere Classified*

22 2910 Carbon steel

22 2920 Alloy steel, except stainless

22 2930 Stainless and corrosion heat resistant steel

22 3000 PLATES, SHEETS (INCLUDE TIN PLATE AND TERNE PLATE), STRIPS, BARS,  
STRUCTURAL SHAPES, PILING, AND RAILS

22 3100 *Plates, Rolled*

22 3110 Carbon steel

22 3111 Armor plate, rolled

22 31111 Universal

22 31112 Sheared

22 31113 Strip-mill

22 3112 Floor plate

22 31121 Universal

22 31122 Sheared

22 31123 Strip-mill

22 3119 Rolled plate, carbon steel, not elsewhere classified

22 31191 Universal

22 31192 Sheared

22 31193 Strip-mill

22 3120 Alloy steel, except stainless

22 3121 Armor plate, rolled

22 31211 Universal

22 31212 Sheared

22 31213 Strip-mill

22 3122 Floor plate

22 31221 Universal

22 31222 Sheared

22 31223 Strip-mill

22 3129 Rolled plate, alloy steel, except stainless, not elsewhere classified

22 31291 Universal

22 31292 Sheared

22 31293 Strip-mill

22 3130 Stainless and corrosion heat resistant steel

22 3131 Armor plate, rolled

22 31311 Universal

22 31312 Sheared

22 31313 Strip-mill

22 3132 Floor plate

22 31321 Universal

22 31322 Sheared

22 31323 Strip-mill

22 3139 Rolled plate, stainless and corrosion heat resistant steel, not elsewhere classified

22 3200 *Sheets*

22 3210 Carbon steel

22 3211 Hot rolled

22 3212 Cold rolled

22 3213 Black plate

22 32131 Tin mill black plate

22 32132 Black plate, finished, except for tinning, chemically treated

22 32133 Black plate, finished, except for tinning, not chemically treated

22 3214 Corrugated or crimped, except coated

22 3215 Coated

22 32151 Galvanized, corrugated or crimped

22 32152 Galvanized, except corrugated or crimped

22 32153 Long ternes (terne coated)

22 32159 Coated sheets, carbon steel, not elsewhere classified

22 3216 Tin plate, including taggers' tin

22 32161 Hot dip

22 32162 Electrolytic

22 3217 Terne plate (black plate terne coated), except long ternes

# STEEL—Continued

## PLATES, SHEETS (INCLUDE TIN PLATE AND TERNE PLATE), STRIPS, BARS, STRUCTURAL SHAPES, PILING, AND RAILS—Continued

### *Sheets*—Continued

22 3220	Alloy steel, except stainless
22 3221	Hot rolled
22 32211	Electrical sheets
22 32212	Hot rolled sheet, except electrical
22 3222	Cold rolled
22 3230	Stainless and corrosion heat resistant steel
22 3231	Hot rolled
22 3232	Cold rolled
22 3300	<i>Strip</i>
22 3310	Carbon steel
22 3311	Hot rolled, uncoated
22 33111	Hoops
22 33112	Baling bands
22 33113	Cotton bale ties
22 33119	Hot rolled strip, uncoated, carbon steel, not else- where classified
22 3312	Cold rolled, uncoated
22 331210	Hoops
22 331220	Baling bands
22 331240	Cold rolled strip, except hoops and baling bands
22 331241	Widths 6" and narrower (razor blade strip 0.01" and thinner)
22 331242	Widths 6" and narrower, except razor blade strip
22 331243	Wider than 6", but narrower than 12"
22 331244	Widths 12", but narrower than 24"
22 3313	Coated strip
22 33131	Galvanized
22 33132	Coated strip, except galvanized
22 3320	Alloy steel, except stainless
22 3321	Hot rolled
22 3322	Cold rolled
22 332201	Widths 6" and narrower (razor blade strip, 0.01" and thinner)
22 332202	Widths 6" and narrower, except razor blade strip
22 332203	Wider than 6", but narrower than 12"
22 332204	Widths 12", but narrower than 24"
22 3330	Stainless and corrosion heat resistant steel
22 3331	Hot rolled
22 3332	Cold rolled
22 333201	Widths 6" and narrower (razor blade strip, 0.01" and thinner)
22 333202	Widths 6" and narrower, except razor blade strip
22 333203	Wider than 6", but narrower than 12"
22 333204	Widths 12", but narrower than 24"
22 3400	<i>Bars</i>
22 3410	Carbon steel
22 3411	Hot rolled ("merchant bars"), except tool steel
22 34111	Shell steel
22 34112	Hot rolled bars, except shell steel
22 3412	Cold finished, except tool steel
22 34121	Shell steel
22 34122	Cold finished bars, except shell steel
22 3413	Concrete reinforcing bars (include twisted bars)
22 34131	New billet (from new steel)
22 34132	Re-rolled (from re-rolling stock)
22 3414	Bar shapes, under 3", except piling
22 3420	Alloy steel, except stainless
22 3421	Hot rolled ("merchant bars"), except tool steel
22 34211	Shell steel (include rough turned)
22 34212	SAE 52100, hot rolled
22 34213	Bullet core bars



# STEEL—Continued

PLATS, SHEETS (INCLUDE TIN PLATE AND TERNE PLATE), STRIPS, BARS,  
STRUCTURAL SHAPES, PILING, AND RAILS—Continued

## Bars—Continued

Alloy steel, except stainless—Continued

Hot rolled ("merchant bars"), except tool steel—Continued

22 34219 Hot rolled bars, alloy steel, not elsewhere classified

22 3422 Cold finished, except tool steel

22 34221 Shell steel

22 34222 SAE 52100, cold drawn

22 34229 Cold finished bars, alloy steel, not elsewhere classified

22 3424 Bar shapes, under 3"

22 3430 Stainless and corrosion heat resistant steel

22 3431 Hot rolled ("merchant bars"), except tool steel

22 3432 Cold finished

22 3434 Bar shapes, under 3"

*Structural Shapes, 3" and Over, Except Piling*

22 3510 Carbon steel

22 3520 Alloy steel, except stainless

22 3530 Stainless and corrosion heat resistant steel

22 3600 *Piling, Sheet and Bearing*

22 3610 Carbon steel

22 3611 Sheet piling

22 3612 Bearing piles

*Tool Steel (Include Rolled and Forged)*

22 3710 Carbon steel

22 3720 Alloy steel, except stainless

## Rails

22 3800 Carbon steel

22 3810 Standard, 60 pounds per yard and less

22 38111 New billet

22 38112 Re-rolled

22 3812 Standard, over 60 pounds per yard

22 3819 Rails, not elsewhere classified (include girder and high tee)

## TUBULAR PRODUCTS

### Pipe

22 4100 Carbon steel

22 4111 Standard, except conduit pipe

22 41111 Seamless

22 41112 Butt welded

22 41113 Lap welded

22 41114 Electric welded

22 4112 Conduit pipe and tubing, except electric metallic

22 41121 Seamless

22 41122 Butt welded

22 41123 Lap welded

22 41124 Electric welded

22 4113 Casings (oil country goods)

22 41131 Seamless

22 41132 Butt welded

22 41133 Lap welded

22 41134 Electric welded

22 4114 Oil well tubing (oil country goods)

22 41141 Seamless

22 41142 Butt welded

22 41143 Lap welded

22 41144 Electric welded

22 4115 Drill pipe (oil country goods)

22 41151 Seamless

22 41152 Butt welded

22 41153 Lap welded

22 41154 Electric welded

22 4116 Line pipe

22 41161 Seamless

22 41162 Butt welded

22 41163 Lap welded

22 41164 Electric welded

*STEEL*—Continued

TUBULAR PRODUCTS—Continued

*Pipe*—Continued

Carbon steel—Continued

22 4119 Pipe, carbon steel, not elsewhere classified

22 41191 Seamless

22 41192 Butt welded

22 41193 Lap welded

22 41194 Electric welded

22 4120 Alloy steel, except stainless

22 4121 Standard, except conduit pipe

22 41211 Seamless

22 41212 Butt welded

22 41213 Lap welded

22 41214 Electric welded

22 4122 Conduit pipe and tubing

22 41221 Seamless

22 41222 Butt welded

22 41223 Lap welded

22 41224 Electric welded

22 4123 Casings (oil country goods)

22 41231 Seamless

22 41232 Butt welded

22 41233 Lap welded

22 41234 Electric welded

22 4124 Oil well tubing (oil country goods)

22 41241 Seamless

22 41242 Butt welded

22 41243 Lap welded

22 41244 Electric welded

22 4125 Drill pipe (oil country goods)

22 41251 Seamless

22 41252 Butt welded

22 41253 Lap welded

22 41254 Electric welded

22 4126 Line pipe

22 41261 Seamless

22 41262 Butt welded

22 41263 Lap welded

22 41264 Electric welded

22 4129 Pipe, alloy steel, except stainless, not elsewhere classified

22 41291 Seamless

22 41292 Butt welded

22 41293 Lap welded

22 41294 Electric welded

22 4130 Stainless and corrosion heat resistant steel

22 41301 Seamless

22 41302 Butt welded

22 41303 Lap welded

22 41304 Electric welded

22 4200 *Tubing*

22 4210 Carbon steel

22 4211 Mechanical tubing

22 42111 Seamless

22 42112 Butt welded

22 42113 Lap welded

22 42114 Electric welded

22 42115 Open joint (open seam)

22 4212 Boiler tubing

22 42121 Seamless

22 42122 Butt welded

22 42123 Lap welded

22 42124 Electric welded

22 4213 Pressure tubing, except boiler

22 42131 Seamless

22 42132 Butt welded

22 42133 Lap welded

22 42134 Electric welded

STEEL—Continued

TUBULAR PRODUCTS—Continued

Tubing—Continued

Carbon steel—Continued

22 4219 Tubing, carbon steel, not elsewhere classified

- 22 42191 Seamless
- 22 42192 Butt welded
- 22 42193 Lap welded
- 22 42194 Electric welded
- 22 42195 Spiral

22 4220 Alloy steel, except stainless

22 4221 Mechanical tubing

- 22 42211 Seamless
- 22 42212 Butt welded
- 22 42213 Lap welded
- 22 42214 Electric welded
- 22 42215 Open joint (open seam)

22 4222 Boiler tubing

- 22 42221 Seamless
- 22 42222 Butt welded
- 22 42223 Lap welded
- 22 42224 Electric welded

22 4223 Pressure tubing, except boiler

- 22 42231 Seamless
- 22 42232 Butt welded
- 22 42233 Lap welded
- 22 42234 Electric welded

22 4229 Tubing, alloy steel, except stainless, not elsewhere classified

- 22 42291 Seamless
- 22 42292 Butt welded
- 22 42293 Lap welded
- 22 42294 Electric welded

22 4230 Stainless and corrosion heat resistant steel

22 4231 Mechanical tubing

- 22 42311 Seamless
- 22 42312 Butt welded
- 22 42313 Lap welded
- 22 42314 Electric welded
- 22 42315 Open joint (open seam)

22 4232 Boiler tubing

- 22 42321 Seamless
- 22 42322 Butt welded
- 22 42323 Lap welded
- 22 42324 Electric welded

22 4233 Pressure tubing, except boiler

- 22 42331 Seamless
- 22 42332 Butt welded
- 22 42333 Lap welded
- 22 42334 Electric welded

22 4239 Tubing, stainless and corrosion heat resistant steel, not elsewhere classified

- 22 42391 Seamless
- 22 42392 Butt welded
- 22 42393 Lap welded
- 22 42394 Electric welded

22 5000 WIRE

Wire, Except Barbed, Twisted, Rope, Cable, Cord, and Strand

Carbon steel

- 22 5110 Wire, plain (drawn wire)
- 22 5111 Wire, coated, except welding wire
- 22 5112 22 51121 Galvanized
- 22 5112 22 51122 Coated, except galvanized

22 5113 Wire, bolt and rivet

22 5114 Wire, welding

22 5115 Wire bale ties

22 5120 Alloy steel, except stainless

22 5121 Wire, plain

22 5122 Wire, coated



# **STEEL—Continued**

## **WIRE—Continued**

### *Wire, Except Barbed, Twisted, Rope, Cable, Cord, and Strand—Con.*

#### Alloy steel, except stainless—Continued

22 5123	Wire, bright
22 5124	Ball wire, SAE 52100, cold drawn
22 5130	Stainless and corrosion heat resistant steel
22 5131	Wire, plain
22 5200	<i>Barbed and Twisted Wire</i>
22 5210	Carbon steel
22 5211	Barbed and twisted wire
22 5300	<i>Wire Rope, Cable and Cord</i>
22 5310	Carbon steel
22 5311	Wire rope
22 5312	Wire cable
22 5313	Wire cord
22 5330	Stainless and corrosion heat resistant steel
22 5331	Wire rope
22 5333	Wire cord
22 5334	Aircraft cable
22 5339	Stainless and corrosion heat resistant steel wire rope, cable, and cord, not elsewhere classified

#### *Strand Wire*

22 5400	Carbon steel
22 5410	Strand wire, galvanized
22 5411	Strand wire, except galvanized
22 5412	Alloy steel, except stainless
22 5420	Strand wire
22 5430	Stainless and corrosion heat resistant steel
22 5431	Strand wire
22 5500	<i>Concrete Reinforcing Mesh</i>
22 5510	Carbon steel
22 5511	Welded steel wire
22 5512	Concrete reinforcing mesh, except welded steel wire
22 5600	<i>Welded Steel Wire Reinforcing Mesh, Except Concrete</i>
22 5610	Carbon steel
22 5611	Welded steel wire
22 5900	<i>Wire, Not Elsewhere Classified</i>
22 5910	Carbon steel
22 5920	Alloy steel, except stainless
22 5930	Stainless and corrosion heat resistant steel

### **WHEELS AND AXLES, RAILWAY CAR AND LOCOMOTIVE**

#### *Tires and Rims*

22 6100	Carbon steel
22 6110	Railway car
22 6111	Locomotive
22 6120	Alloy steel, except stainless
22 6121	Railway car
22 6122	Locomotive

#### *Wheels*

22 6200	Carbon steel
22 6210	Rolled, forged, and pressed; railway car
22 6211	Rolled, forged, and pressed; locomotive
22 6212	Cast steel, railway car
22 6213	Cast steel, locomotive
22 6220	Alloy steel, except stainless
22 6221	Rolled, forged, and pressed; railway car
22 6222	Rolled, forged, and pressed; locomotive
22 6223	Cast steel, railway car
22 6224	Cast steel, locomotive

#### *Axles*

22 6300	Carbon steel
22 6310	Railway car
22 6311	Locomotive
22 6320	Alloy steel, except stainless
22 6321	Railway car
22 6322	Locomotive

# STEEL—Continued

22 7000	FORGINGS (BEFORE MACHINING), EXCEPT WHEELS, AXLES, AND ROLLS
22 7100	<i>Forged Armor</i>
22 7110	Carbon steel
22 7120	Alloy steel, except stainless
22 7200	<i>Gun Forgings</i>
22 7210	Carbon steel
22 7220	Alloy steel, except stainless
22 7300	<i>Press and Open Hammer Forgings, Except Armor and Gun</i>
22 7310	Carbon steel
22 7320	Alloy steel, except stainless
22 7330	Stainless and corrosion heat resistant steel
22 7400	<i>Aircraft Forgings</i>
22 7410	Carbon steel
22 7420	Alloy steel, except stainless
22 7430	Stainless and corrosion heat resistant steel
22 7500	<i>Drop and Upset Forgings, Except Aircraft</i>
22 7510	Carbon steel
22 7520	Alloy steel, except stainless
22 7530	Stainless and corrosion heat resistant steel
22 8000	CASTINGS (BEFORE MACHINING), EXCEPT WHEELS AND ROLLS
22 8100	<i>Cast Armor</i>
22 8110	Carbon steel
22 8120	Alloy steel, except stainless
22 8900	<i>Castings, Except Wheels and Rolls, Not Elsewhere Classified</i>
22 8910	Carbon steel
22 8920	Alloy steel, except stainless
22 8930	Stainless and corrosion heat resistant steel
22 9000	MISCELLANEOUS STEEL SHAPES AND FORMS
22 9100	<i>Rolls</i>
22 9110	Carbon steel
22 9111	Cast
22 9112	Forged
22 9120	Alloy steel, except stainless
22 9121	Cast
22 9122	Forged
22 9130	Stainless and corrosion heat resistant steel
22 9131	Cast
22 9132	Forged
22 9200	<i>Rail Joints, Tie Plates, and Crossties</i>
22 9210	Carbon steel
22 9211	Joint bar and fish plate shapes
22 9212	Joint bars and fish plates
22 9213	Tie plate shapes
22 9214	Tie plates
22 9215	Crossties
22 9220	Alloy steel, except stainless
22 9221	Joint bar and fish plate shapes
22 9222	Joint bars and fish plates
22 9223	Tie plate shapes
22 9224	Tie plates
22 9225	Crossties
22 9900	<i>Steel Shapes and Forms, Not Elsewhere Classified</i>
22 9910	Carbon steel
22 9920	Alloy steel, except stainless
22 9930	Stainless and corrosion heat resistant steel





## MAJOR GROUP 23—FERRO AND NONFERROUS ADDITIVE ALLOYS

- 23 0000 **FERRO AND NONFERROUS ADDITIVE ALLOYS**  
 23 1000 **MANGANESE GROUP ADDITIVE ALLOYS**  
 23 1100 *Manganese Metal*  
 23 1200 *Ferromanganese*  
 23 1210 Over 4 percent carbon  
 23 1220 Over 1 percent but not over 4 percent carbon  
 23 1230 Not over 1 percent carbon  
 23 1300 *Silico Spiegel*  
 23 1400 *Spiegeleisen*  
 23 1500 *Silico Manganese (Manganese Silicon)*  
 23 1900 *Manganese Group Additive Alloys, Not Elsewhere Classified*  
 23 2000 **SILICON GROUP ADDITIVE ALLOYS**  
 23 2100 *Silicon Metal*  
 23 2200 *Ferrosilicon*  
 23 2210 Low silicon, over 9 percent silicon but not over 30 percent, including silvery iron  
 23 2220 Standard silicon, over 30 percent silicon but not over 70 percent  
 23 2230 High silicon, over 70 percent silicon but not over 90 percent  
 23 2240 Over 90 percent silicon  
 23 2250 Silicon briquettes  
 23 2400 *Calcium Silicon*  
 23 2900 *Silicon Group Additive Alloys, Not Elsewhere Classified*  
 23 3000 **CHROMIUM GROUP ADDITIVE ALLOYS**  
 23 3100 *Chromium Metal*  
 23 3200 *Ferrochromium*  
 23 3210 Over 2 percent carbon  
 23 3220 Over 1 percent and less than 2 percent carbon  
 23 3230 Over 0.20 percent and less than 1 percent carbon  
 23 3240 Over 0.10 percent and less than 0.20 percent carbon  
 23 3250 Chromium briquettes  
 23 3260 Chromium-base spinels (include Chrome X)  
 23 3900 *Chromium Group Additive Alloys, Not Elsewhere Classified*  
 23 4000 **MOLYBDENUM GROUP ADDITIVE ALLOYS**  
 23 4200 *Ferromolybdenum*  
 23 4300 *Molybdenum Silicon*  
 23 4500 *Molybdenum Oxide (Briquettes)*  
 23 4900 *Molybdenum Group Additive Alloys, Not Elsewhere Classified*  
 23 5000 **TUNGSTEN GROUP ADDITIVE ALLOYS**  
 23 5200 *Ferrotungsten*  
 23 5300 *Sheelite Concentrates (Roasted)*  
 23 5900 *Tungsten Group Additive Alloys, Not Elsewhere Classified*  
 23 6000 **VANADIUM GROUP ADDITIVE ALLOYS**  
 23 6200 *Ferrovanadium*  
 23 6210 High carbon, over 0.20 percent carbon (open hearth furnace grade)  
 23 6220 Low carbon, under 0.20 percent carbon (electric furnace grade)  
 23 6900 *Vanadium Group Additive Alloys, Not Elsewhere Classified*  
 23 7000 **COPPER GROUP ADDITIVE ALLOYS**  
 23 7200 *Copper-base Master Alloys (Except Manufactures)*  
 23 7210 Manganese copper  
 23 7220 Silicon copper  
 23 7230 Phosphor copper  
 23 7240 Beryllium copper  
 23 7250 Beryllium-copper-nickel  
 23 7900 *Copper Group Additive Alloys, Not Elsewhere Classified*

**FERRO AND NONFERROUS ADDITIVE ALLOYS—Continued**  
**MISCELLANEOUS FERRO AND NONFERROUS ADDITIVE ALLOYS**

23 9000	<i>Ferro Additive Alloys</i>
23 9100	Ferrocolumbium
23 9120	Ferrotantalum
23 9130	Ferrotitanium
23 9131	High carbon, over 0.25 percent carbon
23 9132	Low carbon, not over 0.25 percent carbon
23 9140	Ferrophosphorus
23 9141	17-19 percent phosphorus content
23 9142	23-26 percent phosphorus content
23 9150	Ferroboron
23 9160	Ferronickel
23 9170	Ferro-aluminum-silicon additive alloys
23 9190	Ferro additive alloys, not elsewhere classified
23 9200	<i>Nonferrous Additive Alloys</i>
23 9210	Zirconium additive alloys
23 9211	12-15 percent zirconium content
23 9212	35-40 percent zirconium content
23 9220	Boron additive alloys, except ferroboron
23 9290	Nonferrous additive alloys, not elsewhere classified

## MAJOR GROUP 24—NONFERROUS METALS

In Major Group 24 the various basic shapes and forms are uniformly identified on the fifth digit, as follows:

- 1 Scrap
- 2 Primary and secondary refinery shapes and intermediate forms
- 3 Rolled, drawn, and extruded shapes, except wire and cable
- 4 Wire and cable
- 5 Forgings (before machining)
- 6 Castings (before machining)
- 7 Powder

On the sixth digit for *scrap*, new scrap is identified by 1; old scrap is identified by 2.

On the sixth digit for rolled, drawn, and extruded shapes (except wire and cable) rod and bar is identified by 1; plate, sheet, and strip by 2; pipe and tubing by 3; structural shapes by 4; foil and leaf by 8.

### 24 0000 NONFERROUS METALS

#### 24 1000 COPPER AND COPPER-BASE ALLOY BASIC SHAPES AND FORMS

##### 24 1100 *Copper Basic Shapes and Forms*

##### 24 1110 Scrap

##### 24 1111 New

24 11111 No. 1 copper scrap

24 11112 New copper scrap, except No. 1 copper scrap

##### 24 1112 Old (used)

24 11121 No. 2 copper scrap

24 11122 Old copper scrap, except No. 2 copper scrap

##### 24 1120 Refinery shapes (ingot, ingot bar, wire bar, slab, billet, cake, shot, anodes, cathodes)

##### 24 1121 Electrolytic copper

##### 24 1122 Fire-refined copper, except arsenical

##### 24 1123 Arsenical copper (fire-refined)

##### 24 1124 Casting copper

##### 24 1125 Oxygen-free copper

##### 24 1129 Copper grades, not elsewhere classified

##### 24 1130 Rolled, drawn, and extruded shapes, except wire and cable

##### 24 1131 Rod and bar

##### 24 1132 Plate, sheet and strip

##### 24 1133 Pipe and tubing

##### 24 1138 Foil

##### 24 1139 Rolled, drawn, and extruded shapes, except wire and cable, not elsewhere classified

##### 24 1140 Wire and cable, bare

##### 24 1141 Wire, plain

##### 24 1142 Cable and stranded wire

##### 24 1150 Forgings (before machining)

##### 24 1160 Castings (before machining)

##### 24 1170 Powder

##### 24 1180 Ammunition shapes

##### 24 1181 Blanks, discs, slugs, and cups\*

##### 24 1182 Rotating bands (shell bands)

##### 24 1190 Copper basic shapes and forms, not elsewhere classified

##### 24 1200 *Copper-base Alloy Basic Shapes and Forms (Containing 40 Percent or More Copper by Weight in the Composition of the Metal)*

##### 24 1210 Scrap

##### 24 1211 New

24 12111 Brass mill scrap

24 12112 New copper-base alloy scrap, except brass mill scrap

##### 24 1212 Old (used)

\*For caliber see Size Classification Code in Major Group 83 on page 627.



# NONFERROUS METALS—Continued

## COPPER AND COPPER-BASE ALLOY BASIC SHAPES AND FORMS—Con.

### Copper-base Alloy Basic Shapes and Forms—Continued

24 1220	Ingot, shot and similar unfinished shapes
24 1221	Red brass (include 85 [copper]-5 [tin]-5 [lead]-5 [zinc] group)
24 1222	Bronze, mainly copper-tin alloy (include 88 [copper]-10 [tin]-2 [lead] group)
24 1223	Bearing metal (include 80 [copper]-10 [tin]-10 [lead] group)
24 1224	Brass, mainly copper-zinc alloy (include Yellow group)
24 1225	Copper-base nickel alloys (include Cupro-nickel)
24 1226	Aluminum bronze
24 1227	Manganese bronze
24 1228	Silicon bronze (include Cupro-silicon)
24 1229	Miscellaneous copper-base alloys
	24 12291 Cadmium bronze
	24 12292 Phosphor bronze
	24 12293 Beryllium-copper, except master alloy
	24 12294 Nickel-silver (German silver)
	24 12299 Copper-base alloys, not elsewhere classified
24 1230	Rolled, drawn, and extruded shapes, except wire and cable
24 1231	Rod and bar
24 1232	Plate, sheet, and strip
24 1233	Pipe and tubing
	24 12331 Seamless
	24 12332 Except seamless
24 1238	Foil
24 1239	Rolled, drawn, and extruded shapes, except wire and cable, not elsewhere classified
24 1240	Wire and cable (bare)
24 1241	Wire, plain
24 1242	Cable and stranded wire
24 1250	Forgings (before machining)
24 1260	Castings (before machining)
24 1270	Powder
24 1280	Ammunition shapes
24 1281	Blanks, discs, slugs, and cups*
24 1282	Rotating bands (shell bands)
24 1290	Copper-base alloy basic shapes and forms (containing 40 percent or more copper by weight in the composition of the metal), not elsewhere classified
24 2000	ALUMINUM AND ALUMINUM-BASE ALLOY BASIC SHAPES AND FORMS
24 2010	Scrap
24 2011	New
	24 20111 Solid scrap (sheet and clippings, gates, risers, rejects)
	24 20112 Borings and turnings
	24 20119 New scrap, not elsewhere classified
24 2012	Old (used)
24 2020	Refinery shapes and intermediate forms (pig, ingot, slab, billet, bloom)
24 2021	Pig
24 2022	Ingot (before alloying)
	24 20221 Low grade**
	24 20222 High grade**
24 2023	Aluminum-base alloy ingot
	24 20231 Wrought alloy ingot
	24 20232 Forging alloy ingot
	24 20233 Sand-casting alloy ingot
	24 20234 Permanent-mold casting alloy ingot
	24 20235 Die-casting alloy ingot
	24 20239 Aluminum-base alloy ingot, not elsewhere classified
24 2024	Intermediate forms (ingot and biscuit)
	24 20241 Casting ingot
	24 20242 Hydraulic pressed "biscuits" and "pancakes"

\*For caliber see Size Classification Code in Major Group 83 on page 627.

\*\*Low grade ingot means aluminum which contains copper in excess of 4%, and also either iron or zinc or both together in excess of 1%.

# NONFERROUS METALS—Continued

## ALUMINUM AND ALUMINUM-BASE ALLOY BASIC SHAPES AND FORMS—Continued

### Refinery shapes and intermediate forms—Continued

#### Intermediate forms (ingot and biscuit)—Continued

- 24 20243 Extrusion ingot
- 24 20244 Rolling ingot
- 24 20245 Metallurgical ingot (shot, sticks, ring, and cone)
- 24 20249 Intermediate forms, not elsewhere classified
- 24 2030 Rolled, drawn and extruded shapes, except wire, cable, and impact extrusions
- 24 2031 Rod and bar
- 24 2032 Plate, sheet and strip (include corrugated)
  - 24 20321 Plate and sheet—over 24" width
  - 24 20322 Flat and coil strip—24" width and under
- 24 2033 Pipe and tubing
  - 24 20331 Seamless
  - 24 20332 Except seamless
- 24 2034 Structural shapes, rolled and extruded, except impact extrusions
  - 24 20341 Rolled (angles, channels, tees, zees, and other rolled shapes)
  - 24 20342 Extruded, except impact extrusions (include moldings)
- 24 2035 Extruded tube blooms
- 24 2038 Foil and leaf (.005" and thinner)
- 24 2039 Rolled, drawn, and extruded shapes, except wire, cable, and impact extrusions, not elsewhere classified
- 24 2040 Wire and cable
- 24 2041 Wire, including rivet wire—less than 3/8" diameter or maximum face distance (rounds, ovals, hexes, squares, octagonals, rectangles, and other shapes)
- 24 2042 Cable (include electrical conductors)
- 24 2050 Forgings: hammer, press, upset (before machining)
- 24 2051 Hammer forgings (before machining)
- 24 2052 Press forgings (before machining)
- 24 2053 Upset forgings (before machining)
- 24 2054 Open-die forgings (before machining)
- 24 2059 Forgings: hammer, press, upset (before machining), not elsewhere classified
- 24 2060 Castings (before machining)
- 24 2061 Sand castings, except automotive engine castings
  - 24 20611 Heat treated
  - 24 20612 Not heat treated
- 24 2062 Mold castings, permanent and semi-permanent
  - 22 20621 Heat treated
  - 24 20622 Not heat treated
- 24 2063 Plaster castings
  - 24 20631 Heat treated
  - 24 20632 Not heat treated
- 24 2064 Centrifugal castings
  - 24 20641 Heat treated
  - 24 20642 Not heat treated
- 24 2065 Die castings
  - 24 20651 Cold chamber
  - 24 20652 Gooseneck
- 24 2066 Automotive engine castings (include cylinder heads, pistons)
- 24 2067 Rotor castings
- 24 2069 Castings (before machining), not elsewhere classified
- 24 2070 Powder
  - 24 2071 Atomized (grain)
  - 24 2072 Flake
  - 24 2073 Granular
  - 24 2079 Powder, not elsewhere classified
- 24 2080 Impact extrusions
- 24 2090 Aluminum and aluminum-base alloy basic shapes and forms, not elsewhere classified

# **NONFERROUS METALS—Continued**

24 3000	<b>MAGNESIUM AND MAGNESIUM-BASE ALLOY BASIC SHAPES AND FORMS</b>	
24 3010	Scrap	
24 3011	New	
	24 30111	Solid scrap (clippings, gates, risers, rejects)
	24 30112	Borings and turnings
	24 30113	Raw (unrefined) forms (cell metal, muffs, crystals, crowns, and other raw forms)
	24 30119	New scrap, not elsewhere classified
24 3012	Old (used)	
24 3020	Refinery shapes and intermediate forms	
24 3021	Magnesium metal (pig and ingot)	
24 3023	Magnesium-base alloy pig and ingot	
	24 30231	Wrought alloy ingot
	24 30232	Forging alloy ingot
	24 30233	Sand-casting alloy ingot
	24 30234	Permanent-mold casting alloy ingot
	24 30235	Die-casting alloy ingot
	24 30236	Powder alloy ingot (50 percent magnesium/50 percent aluminum)
	24 30239	Magnesium-base alloy pig and ingot, not elsewhere classified
24 3024	Intermediate forms (slab, billet, bloom)	
24 3030	Rolled and extruded shapes, except wire and sticks	
24 3031	Rod and bar	
24 3032	Plate, sheet, and strip	
24 3033	Pipe and tubing	
24 3037	Ribbon	
24 3038	Foil	
24 3039	Rolled and extruded shapes, except wire and sticks, not elsewhere classified	
24 3040	Wire	
24 3050	Forgings (before machining)	
24 3060	Castings (before machining), except cast sticks	
24 3061	Sand castings	
	24 30611	Heat treated
	24 30612	Not heat treated
24 3062	Mold castings, permanent and semi-permanent	
	24 30621	Heat treated
	24 30622	Not heat treated
24 3065	Die castings	
24 3069	Castings (before machining), except cast sticks, not elsewhere classified	
24 3070	Powder and shavings	
24 3071	Pure magnesium	
24 3072	50 percent magnesium/50 percent aluminum	
24 3079	Powder and shavings, not elsewhere classified	
24 3080	Sticks	
24 3081	Extruded	
24 3082	Cast	
24 3089	Sticks, not elsewhere classified	
24 3090	Magnesium and magnesium-base alloy basic shapes and forms not elsewhere classified	
24 4000	<b>NICKEL AND NICKEL-BASE ALLOY BASIC SHAPES AND FORMS</b>	
24 4100	<i>Nickel Basic Shapes and Forms</i>	
24 4110	Scrap	
24 4111	New	
	24 41111	Clippings, sheet, strip, rod, and bar ends
	24 41112	Turnings and borings
24 4112	Old (used)	
	24 41121	Spent catalysts
	24 41122	Old scrap, except spent catalysts
24 4120	Refinery shapes and intermediate forms	
24 4121	Refinery shapes (ingot, shot, pellets, cubes, anodes, cathodes, squares)	
24 4122	Intermediate forms (bloom, billet, slab, sheet bar)	



# NONFERROUS METALS—Continued

## NICKEL AND NICKEL-BASE ALLOY BASIC SHAPES AND FORMS—Con.

### *Nickel Basic Shapes and Forms—Continued*

- 24 4130 Rolled, drawn and extruded shapes, except wire
- 24 4131 Rod and bar
- 24 4132 Plate and sheet
- 24 4133 Pipe and tubing
- 24 4138 Foil
- 24 4139 Rolled, drawn and extruded shapes, except wire, not elsewhere classified
- 24 4140 Wire
- 24 4170 Powder and flakes
- 24 4171 Powder (include catalysts)
- 24 4172 Flakes
- 24 4190 Nickel basic shapes and forms, not elsewhere classified
- 24 4200 *Monel Metal Basic Shapes and Forms*
- 24 4210 Scrap
- 24 4211 New
- 24 4212 Old (used)
- 24 4220 Refinery shapes and intermediate forms
- 24 4221 Refinery shapes (ingot and shot)
- 24 4222 Intermediate forms (bloom, billet, slab, sheet bar)
- 24 4230 Rolled, drawn, and extruded shapes, except wire
- 24 4231 Rod and bar
- 24 4232 Plate, sheet, and strip
- 24 4233 Pipe and tubing
- 24 4239 Rolled, drawn, and extruded shapes, except wire, not elsewhere classified
- 24 4240 Wire and ribbon
- 24 4270 Powder
- 24 4290 Monel metal basic shapes and forms, not elsewhere classified
- 24 4300 *Nickel-base Alloy Basic Shapes and Forms, Except Monel Metal*
- 24 4310 Scrap (include Ni-base alloys containing more than 10 percent nickel, exclude nickel-iron alloys, nickel-steel, cupro-nickel, and Monel)
- 24 4311 New
- 24 4312 Old (used)
- 24 4320 Refinery shapes and intermediate forms
- 24 4321 Refinery shapes (ingot and shot)
- 24 4322 Intermediate forms (bloom, billet, slab, sheet bar)
- 24 4330 Rolled, drawn, and extruded shapes, except wire
- 24 4331 Rod and bar
- 24 4332 Plate, sheet, and strip
- 24 4333 Pipe and tubing
- 24 4339 Rolled, drawn, and extruded shapes, except wire, not elsewhere classified
- 24 4340 Wire and ribbon
- 24 4341 Resistance wire (nickel-chrome base)
- 24 4349 Wire and ribbon, not elsewhere classified
- 24 4370 Powder
- 24 4390 Nickel-base alloy basic shapes and forms, except Monel metal, not elsewhere classified

## TIN AND TIN-BASE ALLOY BASIC SHAPES AND FORMS

### *Tin Basic Shapes and Forms*

- 24 5110 Scrap (block tin pipe and other tin shapes)
- 24 5111 New
- 24 5112 Old (used)
- 24 5120 Refinery shapes (anodes, cathodes, bar, pig, ingot, shot)
- 24 5121 Primary grade A—99.80 percent and over
- 24 5122 Primary grade B—99.75 percent but less than 99.80 percent
- 24 5123 Primary grade C—99.00 percent but less than 99.75 percent
- 24 5124 Primary grade D—less than 99.00 percent
- 24 5125 Grades from detinning
- 24 5129 Tin grades, not elsewhere classified
- 24 5130 Rolled and extruded shapes, except wire
- 24 5131 Rod and bar
- 24 5132 Sheet and strip

# NONFERROUS METALS—Continued

## TIN AND TIN-BASE ALLOY BASIC SHAPES AND FORMS—Continued

### *Tin Basic Shapes and Forms—Continued*

#### Rolled and extruded shapes, except wire—Continued

24 5133	Pipe and tubing
24 5136	Ribbon
24 5138	Foil
24 5139	Rolled and extruded shapes, except wire, not elsewhere classified
24 5140	Wire
24 5170	Powder and dust
24 5171	Powder
24 5172	Dust
24 5180	Granular and mossy tin, and tin crystals
24 5182	Granular tin
24 5183	Mossy tin
24 5184	Tin crystals
24 5190	Tin basic shapes and forms, not elsewhere classified
24 5200	<i>Tin-base Alloy Basic Shapes and Forms</i>
24 5210	Scrap
24 5211	New
24 5212	Old (used)
24 5220	Block, ingot, and bar
24 5221	Tin-base babbitt
24 5222	Tin-base solder
	24 52221 Containing silver
	24 52222 Not containing silver
24 5223	Pewter
24 5224	Britannia
24 5225	Phosphor tin
24 5229	Tin-base alloys, not elsewhere classified
24 5230	Rolled and extruded shapes
24 5231	Rod and bar
24 5232	Sheet and strip
24 5233	Pipe and tubing
24 5238	Foil
24 5290	Tin-base alloy basic shapes and forms, not elsewhere classified

## ZINC AND ZINC-BASE ALLOY BASIC SHAPES AND FORMS

### *Zinc Basic Shapes and Forms*

24 6100	Scrap
24 6110	New
24 6111	24 61111 Clippings
	24 61112 Sheet and strip
	24 61113 Die-cast
	24 61119 New scrap, not elsewhere classified
24 6112	Old (used)
	24 61121 Engravers' plates
	24 61122 Old scrap, except engravers' plates
24 6120	Smelter and refinery forms (block, pig, and slab)
24 6121	Special high grade (99.99 percent)
24 6122	High grade (99.90 percent)
24 6123	Intermediate (99.50 percent)
24 6124	Brass special (99.00 percent)
24 6125	Select (98.75 percent)
24 6126	Prime Western (98.00 plus percent)
24 6127	Remelt (all grades)
24 6128	Zinc dust (85 to 98 percent)
24 6129	Zinc grades, not elsewhere classified
24 6130	Rolled and extruded shapes
24 6131	Rod and bar
24 6132	Plate, sheet, and strip (engravers' plates and sheets)
24 6133	Pipe and tubing
24 6137	Impact extrusions (include battery cups)
24 6138	Foil
24 6139	Rolled and extruded shapes, not elsewhere classified
24 6140	Wire
24 6160	Castings (before machining)

# **NONFERROUS METALS—Continued**

## **ZINC AND ZINC-BASE ALLOY BASIC SHAPES AND FORMS—Continued**

### *Zinc Basic Shapes and Forms—Continued*

- 24 6170 Powder and shavings
- 24 6171 Powder
- 24 6172 Shavings
- 24 6190 Zinc basic shapes and forms, not elsewhere classified
- 24 6200 *Zinc-base Alloy Basic Shapes and Forms*
- 24 6210 Scrap
- 24 6211 New
- 24 6212 Old (used)
  - 24 62121 Die castings
  - 24 62122 Old scrap, except die castings
- 24 6220 Zinc-base alloy ingot and slab
- 24 6260 Castings (before machining)
- 24 6290 Zinc-base alloy basic shapes and forms, not elsewhere classified
- 24 7000 **LEAD AND LEAD-BASE ALLOY BASIC SHAPES AND FORMS**
- 24 7100 *Lead Basic Shapes and Forms*
- 24 7110 Scrap (soft and cable lead)
- 24 7111 New
- 24 7112 Old (used)
- 24 7120 Refinery shapes and intermediate forms
- 24 7121 Refinery shapes (anodes, block, ingot, pig, shot, slab)
  - 24 71211 Grade 1—corroding lead and electrolytic lead
  - 24 71212 Grade 2—chemical lead
  - 24 71213 Common lead (desilverized lead)
  - 24 71219 Lead grades, not elsewhere classified
- 24 7122 Intermediate forms
  - 24 71221 Plate and bar, cast
  - 24 71222 Sticks
  - 24 71229 Intermediate forms, not elsewhere classified
- 24 7130 Rolled and extruded shapes, except wire
- 24 7131 Rod and bar
- 24 7132 Sheet, plate, and strip
- 24 7133 Pipe and tubing (include bends and traps)
- 24 7136 Ribbon and tape
- 24 7138 Foil
- 24 7139 Rolled and extruded shapes, except wire, not elsewhere classified
- 24 7140 Wire
- 24 7160 Castings (before machining)
- 24 7170 Powder, dust, pulverized and granular lead
- 24 7180 Lead wool, and mossy lead
- 24 7181 Lead wool (include caulking yarn)
- 24 7182 Mossy lead
- 24 7190 Lead basic shapes and forms, not elsewhere classified
- 24 7200 *Lead-base Alloy Basic Shapes and Forms*
- 24 7210 Scrap
- 24 7211 New
- 24 7212 Old (used)
- 24 7220 Block, ingot, pig
- 24 7221 Lead-base babbitt
- 24 7222 Lead-base solder
  - 24 72221 Containing silver
  - 24 72222 Not containing silver
- 24 7223 Type metal
- 24 7224 Antimonial lead (battery lead, hard lead)
- 24 7225 Terne metal
- 24 7229 Lead-base alloys, not elsewhere classified
- 24 7230 Rolled and extruded shapes, except wire
- 24 7231 Rod and bar
- 24 7232 Sheet and plate
- 24 7233 Pipe and tubing
- 24 7235 Tube blanks
- 24 7238 Foil (include composition foil)
  - 24 72381 Coated (include plated)
  - 24 72382 Not coated
- 24 7240 Wire (include fuse wire)



# NONFERROUS METALS—Continued

## LEAD AND LEAD-BASE ALLOY BASIC SHAPES AND FORMS—Continued

### *Lead-base Alloy Basic Shapes and Forms—Continued*

- 24 7260 Castings (before machining)
- 24 7261 Battery plate grids and lugs
- 24 7269 Castings (before machining), not elsewhere classified
- 24 7290 Lead-base alloy basic shapes and forms, not elsewhere classified (include plate, cast)

## 24 8000 PRECIOUS METAL AND PRECIOUS METAL-BASE ALLOY BASIC SHAPES AND FORMS

### *Silver and Silver-base Alloy Basic Shapes and Forms*

- 24 8110 Scrap (include sweepings)
- 24 8111 New
- 24 8112 Old (used)
- 24 8120 Refinery forms (bar, ingot, bullion, grain, powder, and shot)
- 24 8121 Fine silver
- 24 8122 Sterling silver bullion
- 24 8123 Coin silver bullion
- 24 8124 Solder and brazing alloy
- 24 8129 Silver-base alloys, not elsewhere classified
- 24 8130 Basic shapes and forms, except wire
- 24 8131 Bar and rod
- 24 8132 Sheet and strip
- 24 8133 Tubing
- 24 8138 Leaf
- 24 8139 Basic shapes and forms, except wire, not elsewhere classified
- 24 8140 Wire

### *Gold and Gold-base Alloy Basic Shapes and Forms*

- 24 8210 Scrap (include sweepings)
- 24 8211 New
- 24 8212 Old (used)
- 24 8220 Refinery forms (bar, ingot, bullion)
- 24 8221 Fine gold
- 24 8222 Karat gold bullion
- 24 8223 Coinage gold bullion
- 24 8224 Solder bullion
- 24 8229 Gold-base alloys, not elsewhere classified
- 24 8230 Basic shapes and forms, except wire
- 24 8231 Bar
- 24 8232 Sheet
- 24 8233 Tubing
- 24 8238 Leaf
- 24 8239 Basic shapes and forms, except wire, not elsewhere classified
- 24 8240 Wire

### *Platinum and Platinum-base Alloy Basic Shapes and Forms*

- 24 8310 Scrap (include sweepings)
- 24 8311 New
- 24 8312 Old (used)
- 24 8320 Refinery forms (bar, ingot, grain, nuggets, sponge)
- 24 8321 Commercially pure platinum
- 24 8322 Platinum-iridium alloy
- 24 8323 Platinum-osmium alloy
- 24 8324 Platinum-rhodium alloy
- 24 8325 Platinum-ruthenium alloy
- 24 8326 Platinum and platinum-group metal alloys, except binary
- 24 8329 Platinum-base alloys, not elsewhere classified
- 24 8330 Basic shapes and forms, except wire
- 24 8332 Sheet
- 24 8333 Tubing
- 24 8337 Ribbon
- 24 8338 Foil
- 24 8339 Basic shapes and forms, except wire, not elsewhere classified
- 24 8340 Wire
- 24 8400 *Platinum-Group Metal, Except Platinum, and Metal Alloy Basic Shapes and Forms*
- 24 8410 Iridium
- 24 8420 Osmium (include osmiridium)
- 24 8430 Palladium

NONFERROUS METALS—Continued

PRECIOUS METAL AND PRECIOUS METAL-BASE ALLOY BASIC SHAPES AND FORMS—Continued

*Platinum-Group Metal, Except Platinum, and Metal Alloy Basic Shapes and Forms—Continued*

- 24 8440 Rhodium
- 24 8450 Ruthenium
- 24 8900 *Precious Metal and Precious Metal-base Alloy Basic Shapes and Forms, Not Elsewhere Classified*

24 9000 MISCELLANEOUS NONFERROUS METAL AND METAL ALLOY BASIC SHAPES AND FORMS

*Heavy Metals, Miscellaneous (Basic Shapes and Forms)*

- 24 9100 Bismuth
- 24 9120 Cadmium
- 24 9130 Cobalt
- 24 9140 Mercury
- 24 9150 Molybdenum
- 24 9160 Tungsten
- 24 9170 Vanadium
- 24 9190 Heavy metals, not elsewhere classified
- 24 9191 Columbium
- 24 9192 Tantalum
- 24 9193 Titanium
- 24 9194 Zirconium

24 9200 *Alkali Metals*

- 24 9210 Caesium
- 24 9220 Lithium
- 24 9230 Potassium
- 24 9240 Rubidium
- 24 9250 Sodium (include ferro-sodium)

24 9300 *Alkali-earth Metals, Except Magnesium*

- 24 9310 Barium
- 24 9320 Beryllium
- 24 9330 Calcium
- 24 9340 Strontium

24 9400 *Rare-earth Metals*

- 24 9410 Cerium (include ferro-cerium)
- 24 9420 Rare-earth metals, except cerium

24 9500 *Radioactive Metals, Except Compounds Generally Known Under the Name of the Metal Contained Therein*

*Antimony and Tellurium*

- 24 9600 Antimony (Regulus)
- 24 9610 Tellurium

24 9700 *Gallium, Indium and Thallium*

- 24 9710 Gallium
- 24 9720 Indium
- 24 9730 Thallium

24 9900 *Nonferrous Metal and Metal Alloy Basic Shapes and Forms, Not Elsewhere Classified*





## MAJOR GROUP 25—FABRICATED METAL BASIC PRODUCTS

25 0000	<b>FABRICATED METAL BASIC PRODUCTS</b>
25 1000	<b>FABRICATED STRUCTURAL IRON AND STEEL</b>
25 1100	<i>Fabricated Structural Shapes and Plates</i>
25 1110	Bridge
25 1120	Building
25 1140	Ship
25 1150	Stack, smoke and other
25 1160	Storage tank
25 1161	Rectangular
	25 11611 Open
	25 11612 Enclosed
25 1162	Cylindrical
	25 11621 Open
	25 11622 Enclosed
25 1163	Spherical
25 1169	Storage tank, not elsewhere classified
	25 11691 Open
	25 11692 Enclosed
25 1190	Fabricated structural shapes and plates, not elsewhere classified
25 1200	<i>Fabricated Bars and Rods, for Reinforcing Concrete</i>
25 1300	<i>Fences and Gates, Except Wire</i>
25 1400	<i>Portable Building Sections, Knocked Down</i>
25 1500	<i>Stairs, Stair Cases, and Fire Escapes</i>
25 1600	<i>Gratings, Treads, and Flooring</i>
25 1700	<i>Heavy Riveted and Lock Joint Pipe</i>
25 1900	<i>Fabricated Structural Iron and Steel (Include Cut, Bent, and Threaded Pipe), Not Elsewhere Classified</i>
25 2000	<b>ARCHITECTURAL METAL WORK</b>
25 2100	<i>Metal Doors, Shutters, Sash, Molding and Trim</i>
25 2110	Doors: solid metal, hollow metal, and metal covered
25 2111	Iron and steel
25 2112	Aluminum
25 2113	Brass and bronze
25 2120	Door frames
25 2121	Iron and steel
25 2122	Aluminum
25 2123	Brass and bronze
25 2130	Window sash
25 2131	Iron and steel
25 2132	Aluminum
25 2133	Brass and bronze
25 2140	Window frames
25 2141	Iron and steel
25 2142	Aluminum
25 2143	Brass and bronze
25 2150	Store fronts, prefabricated: solid metal, hollow metal
25 2151	Iron and steel
25 2152	Aluminum
25 2153	Brass and bronze
25 2154	Vitreous enameled
25 2160	Weatherstrip, molding, and trim
25 2161	Iron and steel
25 2162	Aluminum
25 2163	Brass and bronze

**FABRICATED METAL BASIC PRODUCTS—Continued**

**ARCHITECTURAL METAL WORK—Continued**

***Metal Doors, Shutters, Sash, Molding and Trim—Continued***

25 2170	Molding conduit and fittings
25 2171	Iron and steel
25 2172	Aluminum
25 2173	Brass and bronze
25 2180	Shutters
25 2200	<i>Sheet Metal Work for Buildings, Prefabricated</i>
25 2210	Cornices
25 2211	Iron and steel, black or galvanized
25 2212	Copper
25 2213	Nonferrous metal, except copper
25 2220	Downspouts
25 2221	Iron and steel, black or galvanized
25 2222	Copper
25 2223	Nonferrous metal, except copper
25 2230	Gutters
25 2231	Iron and steel, black or galvanized
25 2232	Copper
25 2233	Nonferrous metal, except copper
25 2240	Ridge roll
25 2241	Iron and steel, black or galvanized
25 2242	Copper
25 2243	Nonferrous metal, except copper
25 2250	Ventilators
25 2251	Iron and steel, black or galvanized
25 2252	Copper
25 2253	Nonferrous metal, except copper
25 2260	Ventilator ducts
25 2261	Iron and steel, black or galvanized
25 2262	Copper
25 2263	Nonferrous metal, except copper
25 2290	Sheet metal work for buildings, prefabricated, not elsewhere classified
25 2300	<i>Plaster Bases, Metal</i>
25 2310	Metal lath
25 2311	Expanded metal
25 2312	Metal lath, except expanded metal
25 2320	Corner beads, screens and grounds
25 2390	Plaster bases, metal, not elsewhere classified
25 2400	<i>Ornamental Architectural Metal Work</i>
25 2410	Grilles and railings
25 2411	Iron and steel
25 2412	Aluminum
25 2413	Brass and bronze
25 2420	Registers
25 2421	Iron and steel
25 2422	Aluminum
25 2423	Brass and bronze
25 2430	Partitions, bank
25 2440	Partitions, except bank
25 2490	Ornamental architectural metal work, not elsewhere classified (include bases, coves, and decorative trim)
25 3000	<b>POWER BOILERS (PRESSURE PER SQUARE INCH 100 POUNDS AND HIGHER)</b>
25 3100	<i>Marine</i>
25 3110	Water tube
25 3111	Straight tube
25 3112	Bent tube
25 3120	Fire tube
25 3121	Scotch
25 3122	Western river
25 3190	Marine, not elsewhere classified
25 3200	<i>Land</i>
25 3210	Water tube
25 3211	Straight tube
25 3212	Bent tube

# FABRICATED METAL BASIC PRODUCTS—Continued

## POWER BOILERS—Continued

### Land—Continued

- 25 3220 Fire tube
- 25 3221 Horizontal return tubular
- 25 3222 Locomotive, except railway
- 25 3223 Firebox, refractory lined
- 25 3224 Scotch
- 25 3225 Vertical
- 25 3290 Land, not elsewhere classified
- 25 4000 STORAGE TANKS AND SHEET METAL PIPE
- 25 4100 *Storage Tanks, Except Hot Water Storage*
- 25 4110 Sheet metal
- 25 4111 Iron and steel, black or galvanized
- 25 4112 Nonferrous metal
- 25 4120 Storage tanks, except sheet metal
- 25 4121 Iron and steel
- 25 4122 Nonferrous metal

### Truck Tanks

- 25 4200 Sheet metal
- 25 4210 Iron and steel, black or galvanized
- 25 4211 Nonferrous metal
- 25 4212 Truck tanks, except sheet metal
- 25 4221 Iron and steel
- 25 4222 Nonferrous metal

### Processing Tanks

- 25 4300 Sheet metal
- 25 4310 Iron and steel, black or galvanized
- 25 4311 Nonferrous metal
- 25 4312 Processing tanks, except sheet metal
- 25 4321 Iron and steel
- 25 4322 Nonferrous metal

### Rubber-Lined Tanks

- 25 4500 *Sheet Metal Pipe*
- 25 4510 Culvert
- 25 4520 Drainage
- 25 4590 Sheet metal pipe, not elsewhere classified

## BASIC HARDWARE<sup>1</sup>

### Builders'

- 25 5100 Hinges and butts
- 25 5110 Door locks, lock sets, and lock trim
- 25 5120 Door bolts and strikes, except lavatory
- 25 5130 Door pulls, push and kick plates, and push bars
- 25 5140 Door closers and checks
- 25 5150 Window and transom hardware, including casement adjusters
- 25 5160 Lavatory hardware
- 25 5170 Cabinet hardware
- 25 5180 Builders' hardware, not elsewhere classified (include tracks and hangers for rolling doors)
- 25 5190

### Aircraft

- 25 5200 Thread fasteners (Dzus)
- 25 5210 Aircraft hardware, not elsewhere classified

### Marine

- 25 5300 Forged shackles
- 25 5310 Rope sockets
- 25 5320 Rope thimbles
- 25 5330 Tackle blocks
- 25 5340 Wire rope clips and clamps
- 25 5350 Marine hardware, not elsewhere classified

### Motor Vehicle

- 25 5400 Railroad

### Casket

- 25 5500 Furniture

### Trunk and Luggage

- 25 5800 *Miscellaneous Basic Hardware*

- 25 5900 Casters
- 25 5910 Basic hardware, not elsewhere classified
- 25 5990

<sup>1</sup> See Supplementary Code 25-1 for material on page 227.



# FABRICATED METAL BASIC PRODUCTS—Continued

25 6000	STAMPED, PRESSED, AND PERFORATED METAL BASIC PRODUCTS
25 6100	<i>Automotive Vehicle Bodies and Sections, Except Combat Vehicle</i>
25 6110	Steel, except stainless steel
25 6120	Stainless steel
25 6130	Aluminum and aluminum-base alloy
25 6160	Nonferrous metal, except aluminum
25 6200	<i>Aircraft Bodies and Sections</i>
25 6210	Steel, except stainless steel
25 6220	Stainless steel
25 6230	Aluminum and aluminum-base alloy
25 6240	Magnesium and magnesium-base alloy
25 6260	Nonferrous metal, except aluminum and magnesium
25 6300	<i>Railway and Street Car Bodies and Sections</i>
25 6310	Steel, except stainless
25 6320	Stainless steel
25 6330	Aluminum and aluminum-base alloy
25 6360	Nonferrous metal, except aluminum
25 6400	<i>Combat Motor Vehicle Bodies and Sections</i>
25 6410	Steel
25 6460	Nonferrous metal
25 6500	<i>Machinery Sections</i>
25 6510	Steel
25 6560	Nonferrous metal
25 6600	<i>Perforated Metal Sheets, Strips and Other Basic Shapes</i>
25 6610	Steel, except stainless steel
25 6620	Stainless steel
25 6630	Aluminum and aluminum-base alloy
25 6640	Magnesium and magnesium-base alloy
25 6650	Monel metal
25 6670	Brass and bronze
25 6690	Perforated metal basic shapes, not elsewhere classified
25 6700	<i>Ammunition Shapes, Steel (Include Blanks, Discs, Slugs, and Cups)*</i>
25 6900	<i>Stamped and Pressed Metal Basic Products (Include Spinnings)</i>
	<i>Not Elsewhere Classified</i>
25 6910	Steel, except stainless steel
25 6920	Stainless steel
25 6930	Aluminum and aluminum-base alloy
25 6940	Magnesium and magnesium-base alloy
25 6950	Monel metal
25 6970	Brass and bronze
25 6990	Nonferrous metal, not elsewhere classified
25 7000	WIRE PRODUCTS
25 7100	<i>Hardware Cloth</i>
25 7110	Steel
25 7111	Plain
25 7112	Galvanized
25 7113	Tinned
25 7180	Nonferrous metal
25 7200	<i>Filter Wire Cloth</i>
25 7220	Stainless steel
25 7230	Copper
25 7240	Brass and bronze
25 7260	Monel metal
25 7290	Filter wire cloth, not elsewhere classified
25 7300	<i>Paper Machine Cloth</i>
25 7310	Fourdrinier wire
25 7312	Stainless steel
25 7314	Brass and bronze
25 7315	Brass and bronze combined with stainless steel
25 7319	Fourdrinier wire, not elsewhere classified
25 7320	Cylinder wire
25 7322	Stainless steel
25 7324	Brass and bronze
25 7325	Brass and bronze combined with stainless steel
25 7329	Cylinder wire, not elsewhere classified
25 7390	Paper machine cloth, not elsewhere classified

\*For caliber see Size Classification Code in Major Group 83 on page 627.

# FABRICATED METAL BASIC PRODUCTS—Continued

## WIRE PRODUCTS—Continued

### *Wire Cloth, Except Filter and Paper Machine*

- 25 7400 Carbon steel
- 25 7410 Stainless steel
- 25 7420 Copper
- 25 7430 Brass and bronze
- 25 7440 Monel metal
- 25 7460 Wire cloth, except filter and paper machine, not elsewhere classified

### *Insect Screening*

- 25 7500 Steel
- 25 7510 Japanned or enameled
- 25 7512 Galvanized
- 25 7540 Brass and bronze
- 25 7570 Aluminum
- 25 7590 Insect screening, not elsewhere classified

### *Woven Wire Fencing*

- 25 7600 Poultry fencing
- 25 7610 Fence gates (woven wire)
- 25 7620 Woven wire fencing, not elsewhere classified

### *Wire Nails, Tacks, and Staples*

- 25 7700 Wire nails and brads, except upholstery
- 25 7711 Bright
- 25 7712 Galvanized
- 25 7713 Cement coated
- 25 7719 Wire nails and brads, except upholstery, not elsewhere classified

### *Wire Tacks*

- 25 7720 Wire tacks
- 25 7730 Wire staples
- 25 7731 Fence and poultry netting staples
- 25 7739 Wire staples, not elsewhere classified

### *Wire Springs*

- 25 7800 Furniture and upholstery
- 25 7810 Round wire forms
- 25 7820 Valve springs, internal combustion engine
- 25 7830 Wire springs, not elsewhere classified (include compression, tension, and torsion springs, helically wound from rounds, squares, and other shapes)
- 25 7890

### *Miscellaneous Wire Products*

- 25 7900 Wire chain (include motor vehicle skid chain)
- 25 7901 Welded wire fabric
- 25 7902 Chain link fencing
- 25 7903 Fourdrinier wire rope
- 25 7904 Copper wire tape
- 25 7905 Wire hoops
- 25 7906 Wire products, not elsewhere classified

## INSULATED WIRE AND CABLE, ELECTRICAL

### *Weatherproof (Slow Burning) Copper Wire*

- 25 8000 Double braid
- 25 8100 Triple braid
- 25 8110 Weatherproof copper wire, not elsewhere classified

### *Rubber Insulated Copper Wire*

- 25 8190 Building wire
- 25 8200 Code grade insulation
- 25 8211 Type R—single conductor
- 25 8212 Type RD—double conductor, laid parallel
- 25 8213 Type RM—two or more conductors, twisted together
- 25 8214 Type RL—single conductor, lead covered
- 25 8215 Type RDL—double conductor, lead covered
- 25 8216 Type RML—two or more conductors, twisted together, lead covered
- 25 8217 Heat resistant grade insulation
- 25 8218 Type RH—single conductor
- 25 8219 Type RHD—double conductor, laid parallel
- 25 8220 Type RHM—two or more conductors, twisted together
- 25 8221 Type RHL—single conductor, lead covered



# FABRICATED METAL BASIC PRODUCTS—Continued

## INSULATED WIRE AND CABLE, ELECTRICAL—Continued

### Rubber Insulated Copper Wire—Continued

#### Building wire—Continued

##### Heat resistant grade insulation—Continued

- 25 82125 Type RHDL—double conductor, lead covered
- 25 82126 Type RHML—two or more conductors, twisted together, lead covered

25 8213

##### Performance grade insulation

- 25 82131 Type RP—single conductor
- 25 82132 Type RPD—double conductor, laid parallel
- 25 82133 Type RPM—two or more conductors, twisted together
- 25 82134 Type RPL—single conductor, lead covered
- 25 82135 Type RPDL—double conductor, lead covered
- 25 82136 Type RPML—two or more conductors, twisted together, lead covered

25 8214

##### Low moisture absorptive insulation

- 25 82141 Type RW—single conductor
- 25 82142 Type RWD—double conductor, laid parallel
- 25 82143 Type RWM—two or more conductors, twisted together
- 25 82144 Type RWL—single conductor, lead covered
- 25 82145 Type RWDL—double conductor, lead covered
- 25 82146 Type RWML—two or more conductors, twisted together, lead covered

25 8220

#### Power wire cable

25 8221

##### Braided

25 8222

##### Lead covered

25 8223

##### Lead covered and armored

25 8224

##### Non-metallic armored

25 8230

#### Fixture wire, copper

25 8231

##### Solid and stranded fixture

25 8232

##### Flexible fixture

25 8233

##### Christmas tree

25 8239

##### Fixture wire, copper, not elsewhere classified

25 8240

#### Flexible cord, copper

25 8241

##### Christmas tree

25 8242

##### Tinsel (types ATJ and CTJ)

25 8243

##### Heat-resisting (types AFS and AFSJ)

25 8244

##### Rubber-covered (PO64, and similar types)

25 8245

##### Rubber-jacketed (S, and similar types)

25 8250

#### Flexible cable, copper

25 8251

##### Mining

25 8252

##### Portable (types W, G, and SH)

25 8253

##### Crane and shovel

25 8254

##### Arc welding

25 8255

##### Elevator

25 8256

##### Control

25 8260

#### Armored building wire and cable, copper, type BX

25 8261

##### Bushed type

25 8262

##### Lead covered (type BXL)

25 8269

##### Armored building wire and cable, copper, type BX, not elsewhere classified

25 8290

#### Miscellaneous rubber insulated copper wire

25 8291

##### Gas tube sign and oil burner cable

25 8292

##### Parkway cable

25 8299

##### Rubber insulated copper wire, not elsewhere classified

25 8300

#### Asbestos Insulated Copper Wire (Varnished Cloth and Varnished Cloth Impregnated)

25 8310

#### Varnished cloth

25 8311

##### Type V—single conductor

25 8312

##### Type VD—double conductor, laid parallel

25 8313

##### Type VM—two or more conductors, twisted together

25 8314

##### Type VL—single conductor, lead covered

25 8319

##### Varnished cloth, not elsewhere classified

25 8320

#### Varnished cloth impregnated

25 8321

##### Type AVA—dry location, 175° maximum temperature

25 8322

##### Type AVB—dry location, 90° maximum temperature



**FABRICATED METAL BASIC PRODUCTS—Continued**

**INSULATED WIRE AND CABLE, ELECTRICAL—Continued**

***Asbestos Insulated Copper Wire—Continued***

**Varnished cloth impregnated—Continued**

Type AVL—moist location, 175° maximum temperature

Varnished cloth impregnated, not elsewhere classified

***Paper Insulated Copper Wire and Cable, Except Telephone Cable***

Lead covered

Lead covered and armored

***Magnet Wire, Copper***

Enameled

Single cotton covered

Double cotton covered

Silk covered

Enameled, not elsewhere classified

Plain (not enameled)

Single cotton covered

Double cotton covered

Silk covered

Cellulose acetate covered

Plain, not elsewhere classified

***Asbestos Covered Copper Wire and Cable***

Stove wire

Switchboard wire

Motion picture cable

Navy flame-proof

Asbestos type flexible cord and fixture wire

Flexible and tinsel cords (types AT, AFC, AFPO, and AFD)

Asbestos covered copper wire and cable, not elsewhere classified

***Synthetic-Insulated Copper Wire and Cable***

Switchboard (type SN)

Synthetic-insulated copper wire and cable, not elsewhere classified

***Communication Wire and Cable***

Wire, drop and block

Twisted pair, copper

Twisted pair, bronze

Twisted pair, copper-steel

Twisted pair, steel

Parallel, copper

Parallel, bronze

Parallel, copper-steel

Parallel, steel

Wire, drop and block, not elsewhere classified

Inside wire, textile covered

Wire, distributing frame

Cable, lead-covered, unarmored

Paper insulated, paired

Paper insulated, quadded

Paper insulated, composite

Textile insulated, paired

Textile insulated, quadded

Textile insulated, composite

Cable, lead-covered, unarmored, not elsewhere classified

Cable, lead-covered, steel armored

Cable, textile-covered

Switchboard

Inside wiring

Submarine telegraph cable

Deep sea

Intermediate

Shore end

Cable, coaxial

Solid-dielectric, synthetic insulation

Solid-dielectric, rubber insulation

Gas- and air-filled rigid lines

Modulator high voltage (surge)

Communication wire and cable, not elsewhere classified

***Insulated Wire and Cable, Electrical, Not Elsewhere Classified***

**FABRICATED METAL BASIC PRODUCTS—Continued**

MISCELLANEOUS FABRICATED METAL BASIC PRODUCTS	
<i>Chain and Attachments, Except Wire Chain</i>	
25 9000	
25 9100	
25 9110	Welded
25 9120	Weldless
25 9130	Cast
25 9140	Chain attachments
25 9190	Chain, except wire chain, not elsewhere classified
25 9200	<i>Flexible Metallic Tubing, Conduit and Hose</i>
25 9210	Tubing
25 9220	Conduit
25 9230	Hose
25 9300	<i>Metal Springs, Except Wire Springs (Do Not Include Assembled Springs)</i>
25 9310	Helical (coil)
25 9311	Carbon steel
25 9312	Alloy steel
25 9313	Beryllium copper
25 9314	Nonferrous metal, except beryllium copper
25 9320	Leaf
25 9321	Carbon steel
25 9322	Alloy steel
25 9324	Nonferrous metal
25 9400	<i>Bolts, Nuts, Screws, Washers, Rivets, and Related Products</i>
25 9410	Bolts
25 9411	Iron and carbon steel
	25 94111 Hot formed, cut thread
	25 94112 Hot formed, rolled thread
	25 94113 Cold headed, cut thread
	25 94114 Cold headed, rolled thread
25 9412	Alloy steel, except stainless
25 9413	Stainless and corrosion heat resistant steel
25 9414	Aluminum-base alloy
25 9415	Nonferrous metal, except aluminum (include plated)
25 9420	Nuts, locknuts, and stopnuts (include rivnuts)
25 9421	Iron and carbon steel
25 9422	Alloy steel, except stainless
25 9423	Stainless and corrosion heat resistant steel
25 9424	Aluminum-base alloy
25 9425	Nonferrous metal, except aluminum
25 9430	Screws
25 9431	Cap and set
	25 94311 Iron and steel
	25 94315 Nonferrous metal, including plated
25 9432	Machine
	25 94321 Iron and steel
	25 94325 Nonferrous metal, including plated
25 9433	Sheet metal
	25 94331 Iron and steel
	25 94335 Nonferrous metal, including plated
25 9434	Wood
	25 94341 Iron and steel
	25 94345 Nonferrous metal, including plated
25 9439	Screws, including drive screws, not elsewhere classified
	25 94391 Iron and steel
	25 94395 Nonferrous metal, including plated
25 9440	Washers
25 9441	Iron and steel
	25 94411 Plate
	25 94412 Spring and lock
25 9442	Alloy steel, except stainless
25 9443	Stainless and corrosion heat resistant steel
25 9444	Aluminum
25 9445	Nonferrous metals, except aluminum
25 9450	Rivets
25 9451	Iron and steel
25 9452	Alloy steel, except stainless
25 9453	Stainless and corrosion resistant steel

# FABRICATED METAL BASIC PRODUCTS—Continued

## MISCELLANEOUS FABRICATED METAL BASIC PRODUCTS—Continued

### Bolts, Nuts, Screws, Washers, Rivets, and Related Products—Con.

#### Rivets—Continued

- 25 9454 Aluminum and aluminum-base alloy
- 25 9455 Nonferrous metal, except aluminum
- 25 9460 Turnbuckles and toggle bolts
- 25 9461 Iron and steel
- 25 9462 Alloy steel, except stainless
- 25 9463 Stainless and corrosion heat resistant steel
- 25 9464 Aluminum and aluminum-base alloy
- 25 9465 Nonferrous metal, except aluminum
- 25 9470 Eyelets and grommets
- 25 9471 Iron and steel
- 25 9475 Nonferrous metal
- 25 9490 Miscellaneous related products
  - 25 94901 Cotter, dowel, leader pins, and shafting keys
  - 25 94902 Thimbles (for rope loops)
  - 25 94999 Related products, not elsewhere classified

#### Track Accessories, Except Rail Joints, Tie Plates and Crossties

- 25 9500 Switches
- 25 9520 Frogs
- 25 9530 Crossings
- 25 9540 Spikes, railroad
- 25 9550 Bolts, nuts, nutlocks, and washers, railroad
- 25 9590 Track accessories, except rail joints, tie plates, and crossties, not elsewhere classified

#### Pipe Fittings, Except Grey Iron and Malleable Iron

- 25 9600 Steel, except stainless steel
- 25 9611 Cast
- 25 9612 Forged
- 25 9620 Stainless steel
- 25 9640 Copper-base alloy
- 25 9650 Monel metal
- 25 9670 Aluminum and aluminum-base alloy
- 25 9680 Magnesium and magnesium-base alloy
- 25 9690 Pipe fittings, except grey iron and malleable iron, not elsewhere classified

#### Automatic Screw Machine Products

#### Cut Nails, Tacks, and Spikes, Except Railroad

- 25 9810 Cut nails
  - 25 9811 Wrought iron
  - 25 9812 Carbon steel
  - 25 9819 Cut nails, not elsewhere classified
- 25 9820 Tacks
  - 25 9821 Carpet
  - 25 9822 Matting
  - 25 9823 Shoe
  - 25 9824 Thumb
  - 25 9825 Upholstery (include upholstery nails)
  - 25 9829 Tacks, not elsewhere classified
- 25 9830 Cut spikes, except railroad

#### Miscellaneous Fabricated Metal Basic Products

- 25 9901 Metal strapping
- 25 9902 Metallic packing
- 25 9903 Fence posts
- 25 9904 Flanged and dished heads
- 25 9905 Corset and dress steels
- 25 9906 Steel abrasives (shot, grit, wool)
- 25 9999 Fabricated metal basic products, not elsewhere classified

## SUPPLEMENTARY CODE 25-1 (25 5000)

- 1 Iron and steel, plated and not plated
- 2 Brass and bronze, plated and not plated
- 3 Aluminum and aluminum-base alloy
- 4 Nonferrous metal, plated and not plated, except brass and bronze, and aluminum





## MAJOR GROUP 26—NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY STRUCTURAL

26 0000	<i>NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY STRUCTURAL</i>	
26 1000	<i>NATURAL STONE PRODUCTS—CHIEFLY STRUCTURAL</i>	
26 1100	<i>Granite Basic Products</i>	
26 1110	Building	
	26 11101	Sawed or shaped
	26 11102	Dressed or finished
26 1120	Monumental	
	26 11201	Sawed or shaped
	26 11202	Dressed or finished
26 1130	Paving blocks	
26 1140	Curbing	
26 1190	Granite basic products, not elsewhere classified	
26 1200	<i>Marble Basic Products, Including Verde Antique and Onyx Marble</i>	
26 1210	Verde antique basic products	
26 1211	Building	
	26 12111	Sawed or shaped
	26 12112	Dressed or finished
26 1219	Verde antique basic products, not elsewhere classified	
26 1220	Onyx marble basic products	
26 1221	Building	
	26 12211	Sawed or shaped
	26 12212	Dressed or finished
26 1229	Onyx marble basic products, not elsewhere classified	
26 1230	Marble basic products, except verde antique and onyx marble	
26 1231	Building	
	26 12311	Sawed or shaped
	26 12312	Dressed or finished
	26 12313	Terrazzo chips
26 1332	Monumental	
	26 13321	Sawed or shaped
	26 13322	Dressed or finished
26 1239	Marble basic products, except verde antique and onyx marble, not elsewhere classified	
26 1300	<i>Limestone Basic Products, Including Travertine</i>	
26 1310	Travertine basic products	
26 1311	Building	
	26 13111	Sawed or shaped
	26 13112	Dressed or finished
26 1319	Travertine basic products, not elsewhere classified	
26 1320	Limestone basic products, except travertine	
26 1321	Building	
	26 13211	Sawed or shaped
	26 13212	Dressed or finished
26 1322	Monumental	
	26 13221	Sawed or shaped
	26 13222	Dressed or finished
26 1323	Flagging	
26 1329	Limestone basic products, except travertine, not elsewhere classified	
26 1400	<i>Sandstone Basic Products Including Bluestone</i>	
26 1410	Bluestone basic products	
26 1411	Building	
	26 14111	Sawed or shaped
	26 14112	Dressed or finished

**NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY STRUCTURAL—Continued**

**NATURAL STONE PRODUCTS—CHIEFLY STRUCTURAL—Continued**  
*Sandstone Basic Products Including Bluestone—Continued*

26 1412	Curbing
26 1413	Flagging
26 1419	Bluestone basic products, not elsewhere classified
26 1420	Sandstone basic products, except bluestone
26 1421	Building
	26 14211 Sawed or shaped
	26 14212 Dressed or finished
26 1422	Curbing
26 1423	Flagging
26 1429	Sandstone basic products, except bluestone, not elsewhere classified
26 1700	<i>Slate Basic Products</i>
26 1710	Roofing slate
26 1720	Electrical slate
26 1730	Structural and sanitary slate
26 1740	Grave vaults and covers
26 1750	Blackboards and bulletin boards
26 1760	Billiard-table tops
26 1770	School slates
26 1780	Flagstones
26 1790	Slate basic products, not elsewhere classified
26 1900	<i>Miscellaneous Natural Stone Basic Products—Chiefly Structural</i>
26 1910	Mica schist basic products
26 1920	Argillite basic products
26 1930	Soapstone basic products
26 1940	Greenstone basic products
26 1990	Natural stone basic products, chiefly structural, not elsewhere classified
26 2000	<b>CLAY PRODUCTS—CHIEFLY STRUCTURAL</b>
26 2100	<i>Brick (Except Firebrick, Acid-Proof Brick, and Sewer Brick)</i>
26 2110	Unglazed brick
26 2111	Common
26 2112	Face
26 2113	Vitrified paving
26 2114	Flooring
26 2119	Unglazed brick, not elsewhere classified
26 2120	Glazed brick
26 2121	Salt glazed
26 2122	Clay coated
26 2123	Ceramic glazed
26 2200	<i>Hollow Building Tile</i>
26 2210	Unglazed hollow building tile
26 2211	Hollow facing
26 2212	Non-load-bearing
	26 22121 Partition
	26 22122 Split furring
	26 22123 Book
	26 22129 Non-load-bearing unglazed hollow building tile, not elsewhere classified
26 2220	Glazed hollow building tile
26 2221	Salt glazed
26 2222	Clay coated
26 2223	Ceramic glazed
26 2300	<i>Drain Tile</i>
26 2310	Culvert tile
26 2320	Drain tile, except culvert tile
26 2400	<i>Sewer Pipe, Sewer Brick, and Liners</i>
26 2410	Sewer pipe
26 2420	Sewer brick
26 2430	Liners
26 2500	<i>Roofing Tile</i>
26 2510	Unglazed
26 2520	Roofing tile, except unglazed



NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY STRUC-  
TURAL—Continued

CLAY PRODUCTS—CHIEFLY STRUCTURAL—Continued

*Tile, Except Hollow, Roofing and Drain*

Floor tile

Quarry or promenade tile

Floor tile, except quarry or promenade tile

26 26121 Heavy duty

26 26122 Pavers

26 26123 Plain

26 26124 Hand-made

26 26125 Encaustic

26 26129 Floor tile, except quarry or promenade tile, not elsewhere classified

Ceramic mosaic tile and trim

Glazed

Unglazed

Glazed or enameled tile and trim

Faience tile (including mosaics) and trim

White glazed tile and trim

Glazed or enameled tile and trim, not elsewhere classified

Tile (except hollow, roofing, and drain), not elsewhere classified

*Terra Cotta, Architectural*

Hand-made

Terra cotta, except hand-made

*Miscellaneous Clay Products—Chiefly Structural*

Silo and cornerrib tile

Conduit tile

Flat floor arch and combination tile

Stove and flue lining

Stove lining

Flue lining

Acid-proof brick

Chimney pipes, tops, and thimbles

Wall coping

Segment blocks

Clay products—chiefly structural, not elsewhere classified

GLASS BASIC PRODUCTS—CHIEFLY STRUCTURAL

*Plate Glass (Uncolored)*<sup>1</sup>

Regular

Tempered

Ray absorbing

Ray transmitting

Decorated or shaped by further processing

Blanks

Plate glass, uncolored, not elsewhere classified

*Window Glass, Except Colored and Laminated*

Thin glass, under 16 oz. per sq. ft.

Microscopic cover glass

Microscopic slide glass

Lantern slide glass

Photo glass

Instrument face glass

Watch crystal glass

Picture glass

Thin glass, under 16 oz. per sq. ft., not elsewhere classified

Picture glass, 16 to 17 oz. per sq. ft.

Single strength window glass

"A" quality

"B" quality

Single strength window glass, not elsewhere classified

Double strength window glass

"A" quality

"B" quality, except green house glass

Greenhouse glass

Double strength window glass, not elsewhere classified

<sup>1</sup> See Supplementary Code 26-1 for thickness of plate glass, uncolored on page 238.

NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY STRUCTURAL—Continued

GLASS BASIC PRODUCTS—CHIEFLY STRUCTURAL—Continued

Window Glass, Except Colored and Laminated—Continued

26 3250	Heavy sheet glass, over 26 oz. per sq. ft. but not over 39 oz. per sq. ft. ( $\frac{3}{16}$ " in thickness)
26 3251	"A" quality
26 3252	"B" quality
26 3259	Heavy sheet glass, over 26 oz. per sq. ft. but not over 39 oz. per sq. ft. ( $\frac{3}{16}$ " in thickness), not elsewhere classified
26 3260	Heavy sheet glass, over $\frac{3}{16}$ " but under $\frac{1}{4}$ " in thickness
26 3261	"A" quality
26 3262	"B" quality
26 3269	Heavy sheet glass, over $\frac{3}{16}$ " but under $\frac{1}{4}$ " in thickness, not elsewhere classified
26 3270	Heavy sheet glass, $\frac{1}{4}$ " and over in thickness
26 3271	"A" quality
26 3272	"B" quality
26 3279	Heavy sheet glass, $\frac{1}{4}$ " and over in thickness, not elsewhere classified
26 3290	Miscellaneous window glass, except colored and laminated
26 3291	Bent glass for building purposes
26 3292	Bent glass blanks for further decorating
26 3293	Bulb edge glass
26 3299	Window glass, except colored and laminated, not elsewhere classified
26 3300	<i>Rolled Glass, Uncolored</i>
26 3310	Configured and rough rolled, except wire glass
26 3311	Polished on one side
	26 33111 Regular
	26 33112 Heat absorbing
	26 33119 Configured and rough rolled glass polished on one side, not elsewhere classified
26 3312	Unpolished
	26 33121 Regular
	26 33122 Heat absorbing
	26 33129 Configured and rough rolled unpolished glass, not elsewhere classified
26 3319	Configured or rough rolled glass, except wire glass, not elsewhere classified
26 3320	Wire glass
26 3321	Polished on both sides
	26 33211 Regular
	26 33232 Heat absorbing
	26 33219 Wire glass polished on both sides, not elsewhere classified
26 3322	Configured or rough rolled (polished on one side or unpolished)
26 3323	Corrugated wire glass
	26 33231 Regular
	26 33232 Heat absorbing
	26 33239 Corrugated wire glass, not elsewhere classified
26 3329	Wire glass, not elsewhere classified
26 3390	Rolled glass, uncolored, not elsewhere classified
26 3400	<i>Colored Glass</i>
26 3410	Colored, obscured
26 3411	Plain or polished
	26 341110 Less than $\frac{1}{4}$ " in thickness
	26 341120 Structural
	26 341121 $\frac{1}{4}$ " through $\frac{1}{2}$ "
	26 341122 Over $\frac{1}{2}$ "
	26 341130 Ashlar and tile
	26 341131 $\frac{1}{4}$ " through $\frac{1}{2}$ "
	26 341132 Over $\frac{1}{2}$ "
	26 341140 Table and counter tops
	26 341141 $\frac{1}{4}$ " through $\frac{1}{2}$ "
	26 341142 Over $\frac{1}{2}$ "



NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY STRUCTURAL—Continued

GLASS BASIC PRODUCTS—CHIEFLY STRUCTURAL—Continued

Colored Glass—Continued

Colored, obscured—Continued

Plain or polished—Continued

26 341190 Plain or polished obscure colored glass, not elsewhere classified

26 341191  $\frac{1}{4}$ " through  $\frac{1}{2}$ "

26 341192 Over  $\frac{1}{2}$ "

Figured

Decorated or shaped by further processing

Obscured and specially tempered

Colored glass obscured, not elsewhere classified

Colored, but not obscured

Polished plate

26 34211 Regular

26 34212 Specially tempered

26 34219 Polished plate glass, colored, but not obscured, not elsewhere classified

Window

Rough or figured

26 34231 Antique

26 34232 Cathedral

26 34233 Opalescent

26 34239 Rough or figured glass, colored, but not obscured, not elsewhere classified

Decorated or shaped by further processing

Glass, colored, but not obscured, not elsewhere classified

Laminated Glass

Laminations of two sheets of glass

Laminations of plate glass

26 35111 Specially tempered

26 35112 Not specially tempered

Laminations of window glass

26 35121 Single strength

26 35122 Double strength

26 35123 Laminations of window glass, not elsewhere classified

Laminations of window and plate glass

Laminations of two sheets of glass, not elsewhere classified

Laminations of more than two sheets of glass

Laminations of plate glass specially tempered

Laminations of plate glass not specially tempered

Laminations of window glass

Laminations of more than two sheets of glass, not elsewhere classified

Bent laminated glass

Bent laminated plate glass

Bent laminated window glass

Bent laminated glass, not elsewhere classified

Laminated glass, not elsewhere classified

Glass Coated With Reflecting Materials (Mirror Glass)

Flat glass

Plate undecorated

26 36111 Not exceeding 144 sq. in.

26 36112 144 sq. in. through 384 sq. in.

26 36113 Over 384 sq. in. through 720 sq. in.

26 36114 Over 720 sq. in.

Window, picture or sheet, undecorated

26 36121 Not exceeding 144 sq. in.

26 36122 144 sq. in. through 384 sq. in.

26 36123 Over 384 sq. in. through 720 sq. in.

26 36124 Over 720 sq. in.

Decorated, including colored

26 36131 Not exceeding 144 sq. in.

26 36132 144 sq. in. through 384 sq. in.



NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY STRUCTURAL—Continued

GLASS BASIC PRODUCTS—CHIEFLY STRUCTURAL—Continued

Glass Coated With Reflecting Materials (Mirror Glass)—Continued

Flat glass—Continued

Decorated, including colored—Continued

- 26 26133 Over 384 sq. in. through 720 sq. in.
- 26 36134 Over 720 sq. in.
- 26 3619 Flat mirror glass, not elsewhere classified
- 26 36191 Not exceeding 144 sq. in.
- 26 36192 144 sq. in. through 384 sq. in.
- 26 36193 Over 384 sq. in. through 720 sq. in.
- 26 36194 Over 720 sq. in.

26 3620 Bent glass

26 3630 Convex and concave glass

26 3690 Glass coated with reflecting materials, not elsewhere classified

26 3700 Glass Bricks and Blocks

26 3710 Bricks, solid

26 3720 Blocks

26 3721 Standards

26 3722 Corners

26 3723 Radials

26 3729 Glass blocks, not elsewhere classified

26 3800 Fibrous Glass Basic Products

26 3810 Fibrous glass wool products

26 3811 Fibrous glass loose wool and wool batts

26 38111 Granulated

26 38112 Nodulated

26 38113 Plain

26 38114 Navy

26 3812 Fibrous glass blankets

26 38121 Metal mesh blankets

26 38122 Sewn blankets

26 38123 Hot water tank jackets

26 38124 Pipe covering blankets

26 3813 Fibrous glass enclosed wool products

26 38131 Paper faced

26 38132 Enclosed (red top)

26 3814 Fibrous glass insulations

26 38141 2½-pound density

26 38142 3¼-pound density

26 38143 4¼-pound density

26 38144 6-pound density

26 38145 Roof deck insulation

26 38149 Fibrous glass insulations, not elsewhere classified

26 3815 Fibrous glass rigid preformed products

26 38151 Board

26 38152 Molded pipe covering

26 3816 Fibrous glass insulating cement

26 3817 Fibrous glass dust-stop air filters

26 3818 Fibrous glass mats

26 38181 Filter mats

26 38182 Storage battery retainer mats

26 38183 Facing mats

26 3819 Fibrous glass wool products, not elsewhere classified

26 3820 Fibrous glass textile products

26 3821 Fibrous glass continuous textiles

26 38211 Cords

26 38212 Yarn

26 38213 Tapes

26 38214 Cloth

26 3822 Fibrous glass staple textiles

26 38221 Sliver

26 38222 Rovings

26 38223 Yarn

26 38224 Tapes

26 38225 Cloth

# NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY STRUCTURAL—Continued

## GLASS BASIC PRODUCTS—CHIEFLY STRUCTURAL—Continued

### Fibrous Glass Basic Products—Continued

#### Fibrous glass textile products—Continued

26 3823

Fibrous glass varnished textiles

26 38231 Tapes

26 38232 Cloth

26 38233 Sleeveings

26 3824

Fibrous glass-mica combinations

26 3825

Fibrous glass laminated products

26 3826

Fibrous glass filter fabrics

26 3827

Fibrous glass lagging textiles

26 38271 Tapes

26 38272 Cloth

26 3828

Fibrous glass impregnated gasket tape

26 3829

Fibrous glass textile products, not elsewhere classified

26 3890

Fibrous glass basic products, not elsewhere classified

26 3900

*Miscellaneous Glass Basic Products—Chiefly Structural*

26 3910

Foam glass (cellulated glass)

26 3920

Cast, pressed or molded flat glass (architectural glass)

26 3921

Strips

26 3922

Panels

26 3929

Cast, pressed or molded flat glass, not elsewhere classified

26 3930

Stained and painted glass windows

26 3990

Glass basic products—chiefly structural, not elsewhere classified

26 4000

## HYDRAULIC CEMENTS

26 4100

### Portland Cement

26 4110

Standard or regular cement

26 4120

High-early-strength cement

26 4130

Low-and-moderate-heat cement

26 4140

Oil-well cement

26 4150

Masonry or mortar cement

26 4160

Portland-puzzolan cement

26 4190

Portland type cement, not elsewhere classified

26 4200

### Natural Cement

26 4210

Natural masonry cement

26 4220

Puzzolan (slag-lime) cement

26 4290

Natural cement, not elsewhere classified

26 4900

### Hydraulic Cements, Not Elsewhere Classified

26 5000

## CONCRETE PRODUCTS—CHIEFLY STRUCTURAL

26 5100

### Concrete Masonry

26 5110

Block and tile, except roofing and flooring tile

26 5111

Cinder concrete

26 5112

Concrete, except cinder

26 5120

Brick

26 5130

Roofing tile and slabs

26 5140

Flooring tile

26 5141

Art marble flooring tile

26 5142

Spanish flooring tile

26 5149

Flooring tile, not elsewhere classified

26 5190

Concrete masonry, not elsewhere classified

26 5200

### Concrete Pipes and Conduits

26 5210

Concrete pipes

26 5211

Sewer pipe

26 5212

Culvert pipe

26 5213

Irrigation pipe

26 5214

Drain tile

26 5215

Pressure pipe

26 5219

Concrete pipes, not elsewhere classified

26 5220

Concrete conduits

26 5300

### Concrete Poles, Posts, and Piling

26 5310

Concrete poles

26 5320

Concrete posts

26 5330

Concrete piling

26 5400

### Concrete Circular Structures

26 5500

### Concrete Vaults



# NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY STRUCTURAL—Continued

## CONCRETE PRODUCTS—CHIEFLY STRUCTURAL—Continued

- 26 5600 *Premixed Concrete (Ready-Mixed)*
- 26 5900 *Concrete Products, Chiefly Structural, Not Elsewhere Classified*

## GYPSUM PRODUCTS—CHIEFLY STRUCTURAL

- 26 6100 *Gypsum Plaster*
- 26 6110 Gypsum building plaster
- 26 6111 Base coat (unsanded) plaster
- 26 6112 Sanded plaster
- 26 6113 Finishing plaster
- 26 6114 Gaging and molding plaster
  - 26 61141 Gaging plaster
  - 26 61142 Molding plaster
- 26 6115 Insulating and roof deck plaster
  - 26 61151 Insulating plaster
  - 26 61152 Roof deck plaster
- 26 6116 Keene's cement
- 26 6117 Acoustical plaster
- 26 6119 Gypsum building plaster, not elsewhere classified
- 26 6120 Gypsum industrial plaster
- 26 6121 Plate glass plaster
- 26 6122 Terra cotta plaster
- 26 6123 Pottery plaster
- 26 6124 Dental plaster
- 26 6125 Orthopedic plaster
- 26 6129 Gypsum industrial plaster, not elsewhere classified
- 26 6190 Gypsum plaster, not elsewhere classified
- 26 6200 *Preformed Gypsum Building Materials*
- 26 6210 Gypsum lath
- 26 6220 Gypsum wallboard
- 26 6230 Gypsum sheathing
- 26 6240 Gypsum partition tile
- 26 6250 Gypsum tile, except partition
- 26 6260 Gypsum planks
- 26 6270 Gypsum panels
- 26 6290 Preformed gypsum building materials, not elsewhere classified
- 26 6300 *Uncalcined Gypsum Products*
- 26 6310 Gypsum retarder for Portland cement
- 26 6320 Agricultural gypsum (land plaster)
- 26 6330 Gypsum fillers
- 26 6390 Uncalcined gypsum products, not elsewhere classified
- 26 6900 *Gypsum Products—Chiefly Structural, Not Elsewhere Classified*
- 26 7000 POTTERY BASIC PRODUCTS—CHIEFLY STRUCTURAL
- 26 7100 *Electrical Porcelain*
- 26 7110 High tension electrical porcelain
- 26 7111 Suspension type insulators
- 26 7112 Pin type insulators (high tension)
- 26 7113 Guy strain insulators (high tension)
- 26 7114 Switch and bus type insulators (high tension)
- 26 7115 Steatitic electrical porcelain (high tension)
- 26 7116 Spark plug porcelains
- 26 7119 High tension electrical porcelain, not elsewhere classified
- 26 7120 Low tension electrical porcelain
- 26 7121 Pin type insulators (low tension)
- 26 7122 Guy strain insulators (low tension)
- 26 7123 Switch and bus type insulators (low tension)
- 26 7124 Knobs, tubes, and cleats
- 26 7125 Steatitic electrical porcelain (low tension)
- 26 7126 Storage battery insulators
- 26 7129 Low tension electrical porcelain, not elsewhere classified
- 26 7900 *Pottery Basic Products—Chiefly Structural, Not Elsewhere Classified*
- 26 8000 MINERAL WOOL (EXCEPT GLASS WOOL) BASIC PRODUCTS
- 26 8100 *Rock Wool Products*
- 26 8110 Loose rock wool
- 26 8120 Granulated rock wool
- 26 8130 Rock wool batts



NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY STRUCTURAL—Continued

MINERAL WOOL (EXCEPT GLASS WOOL) BASIC PRODUCTS—Continued

Rock Wool Products—Continued

- 26 8140 Rock wool blankets
- 26 8150 Rock wool cement
- 26 8190 Rock wool products, not elsewhere classified

Slag Wool Products

- 26 8200 Loose slag wool
- 26 8220 Granulated slag wool
- 26 8230 Slag wool batts
- 26 8240 Slag wool blankets
- 26 8250 Slag wool cement
- 26 8290 Slag wool products, not elsewhere classified

26 8900 Mineral Wool (Except Glass Wool) Basic Products, Not Elsewhere Classified

26 9000 MISCELLANEOUS NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY STRUCTURAL

Sand-Lime Products (Preformed)

- 26 9100 Sand-lime brick
- 26 9120 Sand-lime block
- 26 9130 Sand-lime tile
- 26 9190 Sand-lime products (preformed), not elsewhere classified

26 9200 Nonrigid Thermal Insulation (Except Mineral Wool and Glass Wool)

Expanded vermiculite

- 26 9210 Nonrigid thermal insulation (except mineral wool and glass wool), not elsewhere classified

Artificial Stone Basic Products—Chiefly Structural

- 26 9300 Portland cement base products
- 26 9390 Artificial stone basic products—chiefly structural, not elsewhere classified

Asphalt Basic Products—Chiefly Structural

- 26 9400 Asphalt prepared roofing
- 26 9410 Asphalt smooth surface roll roofing
- 26 9411 Asphalt cap sheet
- 26 9419 Asphalt smooth-surface roll roofing, not elsewhere classified

26 9412 Granule-surfaced asphalt roll roofing

- 26 94121 Granule-surfaced roll roofing—plain
- 26 94122 Granule-surfaced roll roofing with printed or cut design
- 26 94123 Granule-surfaced roll roofing with selvedge in excess of 15"
- 26 94124 Granule-surfaced starting strips
- 26 94129 Granule-surfaced asphalt roll roofing, not elsewhere classified

26 9413 Asphalt strip shingles

- 26 94131 Square butt shingles—single surfaced
- 26 94132 Square butt shingles—multiple surfaced
- 26 94139 Asphalt strip shingles, not elsewhere classified

26 9414 Asphalt individual shingles

- 26 94141 Individual asphalt shingles—single surfaced
- 26 94142 Individual asphalt shingles—multiple surfaced

26 9415 Asphalt insulating prepared roofing (asphalt saturated and coated wood or cane fiber)

26 9419 Asphalt prepared roofing, not elsewhere classified

26 9420 Asphalt prepared siding

26 9421 Insulation brick siding (asphalt felt base)

- 26 94211 Asphalt imitation brick roll siding
- 26 94212 Asphalt insulation brick shingle siding

26 9422 Insulating siding (asphalt saturated and coated wood or cane fiber)

26 9429 Asphalt prepared siding, not elsewhere classified

26 9430 Asphalt saturated felt (except asbestos felt)

26 9431 Asphalt saturated built-up roofing felt

26 9432 Asphalt saturated slaters felt

26 9433 Asphalt saturated sheathing

**NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY STRUCTURAL—Continued**

**MISCELLANEOUS NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY STRUCTURAL—Continued**

***Asphalt Basic Products—Chiefly Structural—Continued***

**Asphalt saturated felt (except asbestos felt)—Continued**

- |         |  |
|---------|--|
| 26 9434 | Asphalt saturated pipe line felt   |
| 26 9439 | Asphalt saturated felt (except asbestos felt), not elsewhere classified                              |
| 26 9440 | Asphalt saturated woven fabric (except floor coverings)  |
| 26 9450 | Asphalt composition flooring (except fabric and felt base floor coverings)                           |
| 26 9451 | Industrial floor tile (pressed asphalt composition)  |
|         | 26 94511 Asphalt industrial floor tile— $\frac{3}{8}$ " thick or less—plain                          |
|         | 26 94512 Asphalt industrial floor tile— $\frac{1}{2}$ " thick or more—plain                          |
|         | 26 94519 Asphalt industrial floor tile, not elsewhere classified                                     |
| 26 9452 | Decorated floor tile (pressed asphalt)   |
| 26 9453 | Asphalt saturated fiberboard tile  |
| 26 9454 | Asphalt mastic flooring  |
| 26 9459 | Asphalt composition flooring (except fabric and felt base floor coverings), not elsewhere classified |
| 26 9460 | Asphalt paving material (formed or premixed with foreign matter)                                     |
| 26 9461 | Asphalt block or plank   |
| 26 9462 | Asphalt tile   |
| 26 9463 | Premixed paving asphalt  |
|         | 26 946310 Asphalt pre-coated stone   |
|         | 26 946311 Hot application  |
|         | 26 946312 Cold application (except emulsion)   |
|         | 26 946313 Emulsion   |
|         | 26 946390 Premixed paving asphalt, not elsewhere classified  |
| 26 9469 | Asphalt paving material (formed or premixed with foreign matter), not elsewhere classified           |
| 26 9490 | Asphalt basic products—chiefly structural, not elsewhere classified                                  |
| 26 9500 | <b><i>Bituminous Tar Products—Chiefly Structural (Except Chemicals)</i></b>                          |
| 26 9510 | Tar saturated felts (except asbestos)  |
| 26 9511 | Tar saturated built-up roofing felt  |
| 26 9512 | Tar saturated slaters felt   |
| 26 9513 | Tar saturated sheathing  |
| 26 9514 | Tar saturated pipe line felt   |
| 26 9519 | Tar saturated felt (except asbestos), not elsewhere classified                                       |
| 26 9590 | Bituminous tar products—chiefly structural (except chemicals), not elsewhere classified              |
| 26 9900 | <b><i>Nonmetallic Mineral Basic Products—Chiefly Structural, Not Elsewhere Classified</i></b>        |

**SUPPLEMENTARY CODE 26-1 FOR THICKNESS OF PLATE GLASS, UNCOLORED**

- |   |   |
|---|---|
| 1 | $\frac{1}{8}$ inch and less                         |
| 2 | Over $\frac{1}{8}$ but less than $\frac{1}{4}$ inch |
| 3 | $\frac{1}{4}$ but less than $\frac{1}{2}$ inch      |
| 4 | $\frac{1}{2}$ but less than 1 inch                  |
| 5 | 1 inch and over                                     |



## MAJOR GROUP 27—NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY NONSTRUCTURAL

- 27 0000 *NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY NON-STRUCTURAL*
- 27 1000 *GLASS BASIC PRODUCTS—CHIEFLY NONSTRUCTURAL*
- 27 1100 *Optical Glass Blanks*
- 27 1110 *Optical instrument lens blanks*
- 27 1120 *Optical instrument prism blanks*
- 27 1130 *Ophthalmic lens blanks*
- 27 1190 *Optical glass blanks, not elsewhere classified*
- 27 1200 *Glass Tubes and Tubing*
- 27 1210 *Electrical fluorescent tubing*
- 27 1220 *Tubing for incandescent filament lamps*
- 27 1230 *Gauge glass tubes*
- 27 1240 *Thermometer tubes*
- 27 1250 *Hydrometer tubes*
- 27 1260 *Heat-resistant industrial glass tubing*
- 27 1270 *Glass tube blanks for thermometers*
- 27 1290 *Glass tubes and tubing, not elsewhere classified*
- 27 1300 *Glass Rods and Canes*
- 27 1310 *Glass rods and canes for incandescent filament lamps*
- 27 1320 *Heavy glass rods for structural use*
- 27 1390 *Glass rods and canes, not elsewhere classified*
- 27 1400 *Lenses (Except Optical) and Lens Cover Glasses*
- 27 1410 *Searchlight, spotlight and floodlight lenses*
- 27 1411 *Heat resistant*
- 27 1412 *Searchlight, spotlight and floodlight lenses, except heat resistant*
- 27 1420 *Vehicle lighting lenses*
- 27 1421 *Headlight*
- 27 1422 *Vehicle lighting lenses, except headlight*
- 27 1430 *Signal lenses*
- 27 1431 *Railroad*
- 27 1432 *Traffic light*
- 27 1433 *Marine obstruction and harbor light*
- 27 1434 *Airport workers and aerial beacon*
- 27 1439 *Signal lenses, not elsewhere classified*
- 27 1440 *Lens cover glasses*
- 27 1490 *Lenses, except optical, not elsewhere classified*
- 27 1500 *Glass Bulbs for Electrical Use*
- 27 1510 *Electric light bulbs (glass only)*
- 27 1520 *Radio tubes (glass only)*
- 27 1590 *Glass bulbs for electrical use, not elsewhere classified*
- 27 1600 *Glass Electrical Insulators*
- 27 1610 *Heat-resistant*
- 27 1620 *Glass electrical insulators, except heat-resistant*
- 27 1700 *Glass Watch Crystals*
- 27 1800 *Glass Instrument Faces*
- 27 1900 *Glass Basic Products—Chiefly Nonstructural, Not Elsewhere Classified*
- 27 2000 *ABRASIVE BASIC PRODUCTS, NATURAL AND SYNTHETIC, MANUFACTURED Lump*
- 27 2100 *Synthetic*
- 27 2120 *Aluminum oxide*
- 27 2121 *Silicon carbide*
- 27 2122 *Synthetic lump, not elsewhere classified*



NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY NON-  
STRUCTURAL—Continued  
ABRASIVE BASIC PRODUCTS, NATURAL AND SYNTHETIC, MANUFACTURED  
—Continued

27 2200	<i>Sized Grains and Powders</i>
27 2210	Natural
27 2211	Corundum
27 2212	Emery
27 2213	Garnet
27 2214	Silica
27 2215	Pumice and pumicite
27 2219	Sized grains and powders, natural, not elsewhere classified
27 2220	Synthetic
27 2221	Aluminum oxide
	27 22211 Special grade
	27 22212 Regular grade
27 2222	Silicon carbide (carborundum)
27 2223	Zirconium carbide
27 2224	Boron carbide
27 2225	Tungsten carbide
27 2229	Sized grains and powders, synthetic, not elsewhere classified
27 2300	<i>Sticks and Stones</i>
27 2310	Natural
27 2320	Synthetic
27 2400	<i>Brick, Including Bath Brick</i>
27 2410	Natural
27 2420	Synthetic
27 2500	<i>Balls</i>
27 2510	Natural
27 2520	Synthetic
27 2600	<i>Hones</i>
27 2610	Natural
27 2620	Synthetic
27 2700	<i>Cloth and Paper</i>
27 2710	Natural
27 2720	Synthetic
27 2800	<i>Wheels</i>
27 2810	Natural
27 2820	Synthetic
27 2900	<i>Abrasive Basic Products, Natural and Synthetic, Manufactured, Not Elsewhere Classified</i>
27 3000	ASBESTOS BASIC PRODUCTS
27 3100	<i>Asbestos Textiles</i>
27 3110	Carded fibre
27 3120	Rovings, lapps and cable fillers
27 3121	Plain roving
27 3122	Reinforced roving
27 3123	Lapps
27 3124	Cable filler
27 3130	Wick and rope
27 3131	Roving wick
27 3132	Slubbing type wick
27 3133	Oil burner wicking
27 3134	Rope
27 3140	Yarn, cord and thread
27 3141	Single yarn
27 3142	Plied yarn
27 3143	Metallic yarn
27 3144	Cord and thread (plain or treated)
27 3150	Cloth (non-metallic and metallic)
27 3151	Cloth— $1\frac{1}{4}$ pounds per sq. yd. and lighter
	27 31511 Non-metallic
	27 31512 Metallic
27 3152	Cloth—heavier than $1\frac{1}{4}$ pounds per sq. yd.
	27 31521 Non-metallic
	27 31522 Metallic
27 3160	Asbestos tape
27 3161	Tape—.010 to .025" ( $\frac{1}{40}$ ") thick
27 3162	Tape—Over $\frac{1}{40}$ " thick

NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY NON-  
STRUCTURAL—Continued

ASBESTOS BASIC PRODUCTS—Continued

*Asbestos Textiles—Continued*

- 27 3170 Tubing, woven and braided
- 27 3180 Woven amosite felt and insulating blankets and mattresses
- 27 3181 Felt
- 27 3182 Blankets and mattresses
- 27 3190 Asbestos textiles, not elsewhere classified
- 27 3200 *Asbestos and Asbestos-Metallic Packings and Gaskets (Include  
Asbestos Compressed Sheet)*
- 27 3210 Packings
- 27 3211 Asbestos
- 27 3212 Asbestos-metallic
- 27 3220 Gaskets
- 27 3221 Asbestos
- 27 3222 Asbestos-metallic
- 27 3230 Asbestos compressed sheet
- 27 3300 *Asbestos Woven and Moulded Friction Material*
- 27 3310 Brake lining
- 27 3311 Woven
- 27 3312 Moulded
- 27 3320 Clutch facing
- 27 3321 Woven
- 27 3322 Moulded
- 27 3390 Asbestos woven or moulded friction material, not elsewhere  
classified
- 27 3400 *Asbestos-Cement Products*
- 27 3410 Siding shingles and clapboard
- 27 3420 Roofing shingles
- 27 3430 Flat sheets
- 27 3431 Up to and including  $\frac{1}{4}$ " thick
- 27 3432 Over  $\frac{1}{4}$ " thick
- 27 3440 Corrugated sheets
- 27 3450 Pressure pipe
- 27 3460 Pipe, except pressure pipe
- 27 3470 Conduits and ducts
- 27 3490 Asbestos-cement products, not elsewhere classified
- 27 3500 *Asbestos Electrical Panels (Ebony Asbestos)*
- 27 3600 *Asbestos Fire-Proof Insulating Board, Marine Type*
- 27 3700 *Asbestos Millboard and Asbestos Paper and Paper Products*
- 27 3710 Millboard
- 27 3720 Paper
- 27 3730 Table mats and protectors
- 27 3740 Felt roll roofing
- 27 3741 Dry
- 27 3742 Asphalt-impregnated
- 27 3750 Pipeline felt
- 27 3760 Asbestos paper pipe covering insulation
- 27 3761 Air-cell
- 27 3762 Laminated
- 27 3770 Asbestos paper block insulation
- 27 3771 Air-cell
- 27 3772 Laminated
- 27 3790 Paper products, not elsewhere classified
- 27 3800 *Molded Asbestos Insulation*
- 27 3810 Pipe covering insulation
- 27 3811 85% magnesia
- 27 3812 High-temperature diatomaceous silica
- 27 3813 Molded amosite
- 27 3820 Block insulation
- 27 3821 85% magnesia
- 27 3822 High-temperature diatomaceous silica
- 27 3823 Molded amosite
- 27 3830 Insulating cement
- 27 3831 85% magnesia
- 27 3832 High-temperature diatomaceous silica
- 27 3833 Molded amosite
- 27 3890 Molded asbestos insulation, not elsewhere classified
- 27 3900 *Asbestos Basic Products, Not Elsewhere Classified*

NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY NON-  
STRUCTURAL—Continued

27 4000	GRAPHITE AND CARBON BASIC PRODUCTS
27 4100	<i>Natural Graphite, Crude, Ground, Blended, and Refined</i>
27 4110	Crystalline flake
27 4111	Crucible grade (retained on a 50-mesh sieve)
27 4112	Flake fines or dust (passing a 50-mesh sieve)
27 4120	Crystalline lump, chip, and dust
27 4121	Crucible lump
27 4122	Crucible chip (retained on a 50-mesh sieve)
27 4123	Crystalline fines or dust, except flake dust (passing a 50-mesh sieve)
27 4130	Amorphous
27 4131	Carbon ordinary lump
27 4132	Carbon ordinary chip (retained on a 50-mesh sieve)
27 4133	Amorphous fines or dust (passing a 50-mesh sieve)
27 4200	<i>Graphite and Carbon Manufactured</i>
27 4210	Amorphous synthetic graphite, crude and ground
27 4220	Graphite electrodes
27 4221	Thermal and electrolytic, over 1" in diameter
27 4222	Thermal and electrolytic, 1" and less in diameter
27 4230	Carbon electrodes and Soderburg paste
27 4231	Carbon electrodes for thermal and electrolytic work
27 4232	Soderburg paste
27 4240	Lighting carbons
27 4241	½" or over in diameter
27 4242	Under ½" in diameter
27 4250	Graphite, metal-graphite, and carbon brushes
27 4251	Graphite
27 4252	Metal-graphite
27 4253	Carbon
27 4260	Graphite, metal-graphite, and carbon brush stock
27 4261	Graphite
27 4262	Metal-graphite
27 4263	Carbon
27 4270	Unfinished electrodes
27 4290	Graphite and carbon manufactured basic products, not elsewhere classified
27 5000	Mica
27 5100	<i>Unmanufactured Mica</i>
27 5110	Waste and scrap mica
27 5111	Phlogopite waste and scrap
27 5112	Mica waste and scrap, except phlogopite
27 5120	Untrimmed block or sheet mica
27 5121	Untrimmed block or sheet phlogopite
27 51211	Untrimmed phlogopite block or sheet mica from which no rectangular piece exceeding in size 1" by 2" can be cut
27 51219	Untrimmed block or sheet phlogopite, not elsewhere classified
27 5122	Untrimmed block or sheet mica (except phlogopite)
27 5130	Trimmed, unmanufactured block or sheet phlogopite
27 5140	Trimmed, unmanufactured block or sheet mica, chiefly moscovite (except phlogopite)
27 5141	Fair stained and better
27 51411	No. 3 and larger
27 51412	No. 4
27 51413	No. 5
27 51414	No. 5½
27 51415	No. 6
27 51419	Smaller than No. 6
27 5142	Good stained
27 51421	No. 3 and larger
27 51422	No. 4
27 51423	No. 5
27 51424	No. 5½
27 51425	No. 6
27 51429	Smaller than No. 6



**NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY NON-STRUCTURAL**—Continued

**MICA**—Continued

*Unmanufactured Mica*—Continued

Trimmed, unmanufactured block or sheet mica chiefly moscovite (except phlogopite)—Continued

- |         |  |
|---------|--|
| 27 5143 | Stained  |
|         | 27 51431 No. 3 and larger  |
|         | 27 51432 No. 4   |
|         | 27 51433 No. 5   |
|         | 27 51434 No. 5½  |
|         | 27 51435 No. 6   |
|         | 27 51436 Smaller than No. 6  |
| 27 5144 | Heavy stained, except red and black heavy stained  |
|         | 27 51441 No. 3 and larger  |
|         | 27 51442 No. 4   |
|         | 27 51443 No. 5   |
|         | 27 51444 No. 5½  |
|         | 27 51445 No. 6   |
|         | 27 51449 Smaller than No. 6  |
| 27 5149 | Trimmed, block or sheet mica, chiefly moscovite, (except phlogopite) qualities lower than heavy stained, including red and black heavy stained, not elsewhere classified |
| 27 5200 | <i>Manufactured Mica (Include Manufactures of Which Mica is the Component Material of Chief Value)</i>   |
| 27 5210 | Mica cut or stamped to dimensions, shape, or form, except films  |
| 27 5220 | Films cut or stamped to dimensions   |
| 27 5230 | Mica splittings (for built-up mica), not cut or stamped to dimensions, not over 12/10,000 of an inch in thickness  |
| 27 5240 | Mica films, not cut or stamped to dimensions, over 12/10,000 and not over 50/10,000 of an inch in thickness (including coil and sparkplug films of any thickness)        |
| 27 5241 | Fair stained and better  |
|         | 27 52411 No. 4 and larger  |
|         | 27 52412 No. 5   |
|         | 27 52413 No. 5½  |
|         | 27 52414 No. 6   |
|         | 27 52419 Smaller than No. 6  |
| 27 5242 | Good stained   |
|         | 27 52421 No. 4 and larger  |
|         | 27 52422 No. 5   |
|         | 27 52423 No. 5½  |
|         | 27 52424 No. 6   |
|         | 27 52429 Smaller than No. 6  |
| 27 5249 | Quality lower than good stained  |
| 27 5250 | Mica plates and built-up mica  |
| 27 5260 | Mica, ground or pulverized   |
| 27 5290 | Manufactured mica, not elsewhere classified (include manufactures, of which mica is the component material of chief value)   |

**REFRACTORIES**

*Clay Refractories*

- |         |   |
|---------|---|
| 27 6100 |   |
| 27 6100 | <i>Clay Refractories</i>                                      |
| 27 6110 | Fireclay bricks and shapes (less than 50 percent $Al_2O_3$ )  |
| 27 6111 | High heat duty  |
| 27 6112 | Intermediate heat duty  |
| 27 6113 | Low heat duty   |
| 27 6114 | Super duty  |
| 27 6120 | High-alumina brick and shapes (50 percent or more $Al_2O_3$ ) |
| 27 6130 | Ladle and hot top refractories                                |
| 27 6140 | Foundry clay refractories                                     |
| 27 6141 | Sleeves   |
| 27 6142 | Nozzles   |
| 27 6143 | Runner brick  |
| 27 6144 | Tuyers  |
| 27 6149 | Foundry clay refractories, not elsewhere classified           |
| 27 6150 | Glass house clay refractories                                 |
| 27 6151 | Tank blocks   |
| 27 6152 | Glass melting pots  |
| 27 6153 | Stoppers  |

**NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY NON-  
STRUCTURAL—Continued**

**REFRACTORIES—Continued**

*Clay Refractories—Continued*

Glass house clay refractories—Continued

- 27 6154 Floaters
- 27 6155 Rings
- 27 6159 Glass house clay refractories, not elsewhere classified
- 27 6160 Insulating firebrick
- 27 6170 Refractory clay mixtures
- 27 6171 Plastic refractory mixtures (Plastic firebrick)
- 27 6172 Cast refractories and castables
- 27 6173 High temperature bonding mortars or refractory cement (clay)
- 27 6174 Refractory clay, raw or prepared, including fireclay dust
- 27 6179 Refractory clay mixtures, not elsewhere classified
- 27 6180 Laboratory refractories, including clay crucibles, scorifiers, and related products
- 27 6190 Clay refractories, not elsewhere classified
- 27 6200 *Nonclay Refractories*
- 27 6210 Graphite refractories
- 27 6211 Crucibles
- 27 6212 Retorts
- 27 6213 Stoppers
- 27 6214 Covers
- 27 6219 Graphite refractories, not elsewhere classified
- 27 6220 Magnesite brick and shapes
- 27 6230 Chrome brick and shapes
- 27 6240 Silica brick and shapes
- 27 6250 Nonclay refractory cements
- 27 6251 Cement containing silicon carbide
- 27 6252 Nonclay refractory cements, except cement containing silicon carbide
- 27 6260 Dead-burned refractory materials
- 27 6261 Dead-burned magnesite, except metallurgical grade
  - 27 62611 Maintenance grade (from 60 through 82 percent MgO)
  - 27 62612 Brick grade (83 through 87 percent MgO)
  - 27 62613 Periclase grade (over 87 percent MgO)
- 27 6262 Dead-burned dolomite
- 27 6263 Chrome ore and concentrates, refractory grades
- 27 6269 Dead-burned refractory materials, not elsewhere classified
- 27 6290 Nonclay refractories, not elsewhere classified

**NONMETALLIC MINERAL PRODUCTS, GROUND OR SIZED, EXCEPT ABRASIVES**

- 27 7000 *Silicate Minerals and Rocks, Ground (Used Chiefly in the Silicate Industries)*
- 27 7110 Alkali aluminum silicates, ground, except abrasives
- 27 7111 Aplite
- 27 7112 Cornwall (Carolina stone)
- 27 7113 Feldspar
- 27 7114 Lepidolite
- 27 7115 Nepheline syenite
- 27 7119 Alkali aluminum silicates, ground, except abrasives, not elsewhere classified
- 27 7120 Aluminum silicates (except alkali-containing), ground, except abrasives
- 27 7121 Andalusite
- 27 7122 Beryl (for ceramic use)
- 27 7123 Dumortierite
- 27 7124 Kyanite
- 27 7125 Pyrophyllite
- 27 7126 Sillimanite
- 27 7127 Topaz
- 27 7129 Aluminum silicates (except alkali-containing), ground, except abrasives, not elsewhere classified
- 27 7130 Talcose minerals and rocks, ground
- 27 7131 Soapstone
- 27 7132 Steatite
- 27 7133 Talc



NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY NON-STRUCTURAL—Continued

NONMETALLIC MINERAL PRODUCTS, GROUND OR SIZED, EXCEPT ABRASIVES—Continued

*Silicate Minerals and Rocks, Ground—Continued*

Talcose minerals and rocks, ground—Continued

- 27 7134 Serpentine
- 27 7139 Talcose minerals and rocks, ground, not elsewhere classified
- 27 7190 Silicate minerals and rocks, ground (used chiefly in the silicate industries), not elsewhere classified

*Calcium and Magnesium Carbonate Minerals and Rocks, Ground*

- 27 7200 Chalk
- 27 7210 Dolomite
- 27 7230 Limestone
- 27 7240 Magnesite
- 27 7290 Calcium and magnesium carbonate minerals and rocks, ground, not elsewhere classified

*Silica Minerals and Rocks, Ground, Except Abrasives*

- 27 7300 Flint
- 27 7310 Quartz
- 27 7320 Silica minerals and rocks, ground, except abrasives, not elsewhere classified
- 27 7390

*Fluoride Minerals and Rocks, Ground*

- 27 7400 Fluorspar
- 27 7410 Acid grade (containing over 97 percent  $\text{CaF}_2$ )
- 27 7412 Metallurgical grade (containing 92 through 97 percent  $\text{CaF}_2$ )
- 27 7413 Glass and ceramic grade (containing less than 92 percent  $\text{CaF}_2$ )

- 27 7420 Cryolite, ground or sized

- 27 7421 Natural

- 27 7422 Synthetic (Sodium aluminum fluoride)

- 27 7490 Fluoride minerals and rocks, ground, not elsewhere classified

- 27 7500 *Gypsum Rock, Ground*

- 27 7600 *Garspar, Sized*

- 27 7900 *Non-metallic Mineral Products, Ground or Sized, Except Abrasives, Not Elsewhere Classified*

- 27 8000 NATURAL AND SYNTHETIC GEM AND ORNAMENTAL STONES (CUT, POLISHED, CARVED, ENGRAVED, SHAPED, PIERCED, BUT NOT MOUNTED)

- 27 8100 *Natural Inorganic Minerals, Gem Grades*

- 27 8108 Beryl

- 27 81081 Aquamarine

- 27 81082 Emerald

- 27 81089 Beryl, not elsewhere classified

- 27 8116 Chrysoberyl

- 27 8117 Corundum

- 27 81171 Ruby

- 27 81172 Sapphire

- 27 8122 Diamond, except industrial

- 27 8131 Feldspar

- 27 81311 Moonstone, Feldspar

- 27 81312 Feldspar, except Moonstone

- 27 8133 Garnet

- 27 8138 Jade

- 27 81381 Jadeite

- 27 81382 Nephrite

- 27 8145 Olivine, including Chrysolite and Peridot

- 27 8146 Opal, precious

- 27 8153 Quartz

- 27 81531 Amethyst

- 27 81532 Banded Chalcedony

- 27 81533 Carnelian (Sard)

- 27 81534 Chatoyant Quartz

- 27 81535 Jasper

- 27 81536 Quartz with inclusions

- 27 81537 Rock Crystal, (Crystal), (Quartz Crystal), except for piezo-electric, optical, or abrasive use

- 27 81538 Rose Quartz

- 27 81539 Quartz, not elsewhere classified



NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY NON-  
STRUCTURAL—Continued

NATURAL AND SYNTHETIC GEM AND ORNAMENTAL STONES—Continued  
*Natural Inorganic Minerals, Gem Grades—Continued*

27 8161	Spinel
27 8166	Topaz
27 8167	Tourmaline
27 8168	Turquoise
27 8174	Zircon
27 8199	Natural inorganic minerals, gem grades, not elsewhere classified
27 8200	<i>Natural Inorganic Stones (Ornamental Grades Only)</i>
27 8201	Aragonite and Calcite
	27 82011 Onyx
	27 82012 Satin Spar (Aragonite and Calcite)
	27 82019 Aragonite and Calcite, not elsewhere classified
27 8206	Gypsum
	27 82061 Alabaster
	27 82062 Satin Spar (Gypsum)
	27 82069 Gypsum, not elsewhere classified
27 8208	Lazurite (Lapis Lazuli)
27 8212	Meerschaum (Sepiolite)
27 8213	Opal, common
27 8216	Serpentine
27 8221	Talc and Steatite
27 8299	Natural inorganic ornamental stones, ornamental grades only, not elsewhere classified
27 8300	<i>Natural Organic Gem and Ornamental Minerals</i>
27 8301	Bone Turquoise
27 8302	Coral
27 8303	Fossil Resin, including Amber and Near-Ambers
27 8304	Jet
27 8305	Mother-of-Pearl
27 8306	Pearls, cultured (Cultivated pearls)
27 8307	Pearls, natural, unstrung
	27 83071 Spherical, oval, or drop pearls
	27 83072 Baroque pearls
	27 83079 Pearls, natural, not elsewhere classified
27 8308	Shell, calcareous, including Cameo
27 8399	Natural organic gem and ornamental minerals, not elsewhere classified
27 8400	<i>Gems, Manufactured Wholly or in Part From Natural Gem Material</i>
27 8410	Composite gems
27 8420	Reconstructed gems
27 8500	<i>Synthetic Gems</i>
27 8510	Synthetic crystals (not cut, polished, carved, engraved, shaped, pierced, or mounted)
27 8520	Synthetic boules (not cut, polished, carved, engraved, shaped, pierced, or mounted)
27 8521	Corundum boules, synthetic
	27 85211 Ruby
	27 85212 Sapphire
27 8522	Spinel boules, synthetic
27 8529	Synthetic boules, not elsewhere classified
27 8530	Synthetic gems, (cut, polished, carved, engraved, shaped, pierced, but not mounted)
27 8531	Beryl, synthetic
	27 85311 Emerald, including Igmerald
	27 85319 Beryl, synthetic, not elsewhere classified
27 8532	Corundum, synthetic
	27 85321 Ruby
	27 85322 Sapphire
27 8533	Spinel, synthetic
27 8539	Synthetic gems (cut, polished, carved, engraved, shaped, pierced, but not mounted), not elsewhere classified
27 9000	MISCELLANEOUS NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY NONSTRUCTURAL
27 9100	<i>Lime</i>
27 9110	Hydrated lime
27 9120	Lime, except hydrated

**NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY NON-STRUCTURAL—Continued**

**MISCELLANEOUS NONMETALLIC MINERAL BASIC PRODUCTS—CHIEFLY NONSTRUCTURAL—Continued**

*Pottery Basic Products—Chiefly Nonstructural*

- 27 9200 Chemical stoneware
- 27 9210 Industrial
- 27 9212 Laboratory
- 27 9220 Industrial porcelain and whiteware (not vitrified)
- 27 9221 Porcelain forms for dipped rubber goods
- 27 9222 Porcelain grinding media
- 27 9223 Industrial chemical porcelain
  - 27 92231 Pipe
  - 27 92232 Evaporating dishes
  - 27 92233 Raschig rings
  - 27 92235 Pump parts
  - 27 92236 Kettles
  - 27 92237 Pots
  - 27 92238 Filters
  - 27 92239 Industrial chemical porcelain, not elsewhere classified
- 27 9224 Pyrometer tubes
- 27 9225 Porcelain textile guides
- 27 9226 Industrial whiteware
  - 27 92261 Filtering media
  - 27 92262 Industrial whiteware, except filtering media
- 27 9229 Industrial porcelain and whiteware (not vitrified), not elsewhere classified
- 27 9230 Red (natural color) unglazed earthenware pottery basic products
- 27 9231 Florists' articles, including flower pots, saucers
- 27 9232 Red (natural color) unglazed earthenware pottery basic products, except florists' articles
- 27 9290 Pottery basic products—chiefly nonstructural, not elsewhere classified
- 27 9300 *Pottery Supplies*
- 27 9310 Glazing and decorating materials
- 27 9311 Compounded ceramic colors
- 27 9312 Glaze and enamel frits
- 27 9313 Glazes and enamels
- 27 9319 Glazing and decorating materials, not elsewhere classified
- 27 9320 Setting and firing supplies
- 27 9321 Saggers
- 27 9322 Pyrometric cones
- 27 9323 Pins, stilts, spurs, thimbles, and saddles
- 27 9324 Bitstone
- 27 9329 Setting and firing supplies, not elsewhere classified
- 27 9390 Pottery supplies, not elsewhere classified
- 27 9400 *Miscellaneous Ceramic Products—Chiefly Nonstructural*
- 27 9410 Fireplace grate parts
- 27 9420 Electric log parts
- 27 9430 Gas log parts
- 27 9440 Lava burner tips
- 27 9450 Radiants and backwalls for portable gas heaters
- 27 9460 Magnesia—clay supporters
- 27 9490 Ceramic products—chiefly nonstructural, not elsewhere classified
- 27 9500 *Artificially Activated Clays and Earths*
- 27 9600 *Minerals, Cut but Not Mounted, for Scientific and Technical Use*
- 27 9610 Iceland spar (Calcite), optical
- 27 9620 Gypsum, optical
- 27 9630 Quartz, cut pieces, optical and piezo-electric
- 27 9640 Tourmaline, cut pieces, optical and piezo-electric
- 27 9690 Minerals, cut but not mounted, for scientific and technical use, not elsewhere classified
- 27 9900 *Nonmetallic Mineral Basic Products—Chiefly Nonstructural, Not Elsewhere Classified*





## MAJOR GROUP 29—MISCELLANEOUS BASIC MATERIALS

- 29 0000 *MISCELLANEOUS BASIC MATERIALS*
- 29 1000 *RUBBER FABRICATED MATERIALS*
- 29 1100 *Scrap Rubber*
- 29 1110 Pneumatic tires and parts
- 29 1111 Whole tires
- 29 1112 Peels
- 29 1113 Peeled carcasses
- 29 1114 Trimmings (s. a. g.)
- 29 1115 Beads
- 29 1120 Solid tires
- 29 1130 Tubes
- 29 1131 Red
- 29 1132 Black
- 29 1133 Two-tone
- 29 1139 Tubes, not elsewhere classified
- 29 1140 Boot and shoe scrap
- 29 1150 Mechanical rubber scrap
- 29 1190 Scrap rubber, not elsewhere classified
- 29 1200 *Reclaimed Rubber*
- 29 1210 Whole tire reclaim
- 29 1220 Modified whole tire reclaim
- 29 1230 Carcass
- 29 1231 Black
- 29 1232 Light colored
- 29 1240 Peel reclaim
- 29 1250 Tube reclaim
- 29 1251 Red
- 29 1252 Black
- 29 1259 Tube reclaim, not elsewhere classified
- 29 1260 Boot and shoe reclaim
- 29 1270 Miscellaneous blend reclaim
- 29 1290 Reclaimed rubber, not elsewhere classified
- 29 1300 *Shoe Rubber Goods*
- 29 1310 Soles
- 29 1320 Heels
- 29 1330 Top lifts
- 29 1390 Shoe rubber goods, not elsewhere classified
- 29 1400 *Rubber Waterproof Materials*
- 29 1410 Rubber sheeting
- 29 1420 Rubberized sheeting, impregnated
- 29 1421 Automotive and airplane
- 29 1422 Impregnated rubberized sheeting, except automotive and airplane
- 29 1430 Rubberized sheeting, coated
- 29 1431 Automotive and airplane
- 29 1432 Coated rubberized sheeting, except automotive and airplane
- 29 1440 Rubber sheeting, combined impregnated and coated
- 29 1441 Automotive and airplane
- 29 1442 Rubberized sheeting, combined impregnated and coated, except automotive and airplane
- 29 1490 Rubber waterproof materials, not elsewhere classified
- 29 1500 *Rubber Packing and Gaskets, Except Hard Rubber*
- 29 1501 All rubber
- 29 1502 Cloth inserted
- 29 1503 Wire inserted
- 29 1504 Hydraulic

# MISCELLANEOUS BASIC MATERIALS—Continued

## RUBBER FABRICATED MATERIALS—Continued

### Rubber Packing and Gaskets, Except Hard Rubber—Continued

29 1505	Coil
29 1506	Spiral
29 1507	Ring
29 1508	Set
29 1511	Reel
29 1512	Spool
29 1513	Tape
29 1514	Braided
29 1515	Twisted
29 1516	Sheet
29 1517	Sealing jar rings
29 1518	Washers
29 1599	Rubber packing and gaskets, except hard rubber, not elsewhere classified
29 1600	<i>Camelback, Cushion Gum, Impregnated Cord Fabric, and Uncured Cord Patches</i>
29 1610	Camelback
29 1620	Cushion gum
29 1630	Impregnated cord fabric
29 1640	Uncured cord patches
29 1700	<i>Rubber Tile, Matting, Wainscoting, and Sheet Flooring</i>
29 1710	Rubber tile
29 1720	Rubber mats and matting
29 1721	Corrugated
29 1722	Cuspidor
29 1723	Office chair
29 1724	Perforated
29 1725	Switchboard
29 1726	Airplane walkway
29 1729	Rubber mats and matting, not elsewhere classified
29 1730	Rubber wainscoting
29 1740	Rubber sheet flooring
29 1800	<i>Storage Battery Rubber Parts</i>
29 1810	Cases
29 1820	Separators
29 1830	Retainers
29 1840	Binding strips
29 1850	Element support rods
29 1860	Tie rods
29 1870	Hand-built jars and containers
29 1880	Mine battery parts
29 1890	Storage battery rubber parts, not elsewhere classified
29 1900	<i>Miscellaneous Rubber Fabricated Materials</i>
29 1910	Rubber thread
29 1911	Bare
	29 19111 Cut
	29 19112 Extruded
29 1912	Covered
	29 19121 Cut, wrapped
	29 19122 Cut, spun
	29 19123 Extruded, wrapped
	29 19124 Extruded, spun
29 1920	Rubber cement
29 1921	Vulcanizing
29 1922	Cold-patching
29 1923	Automotive
29 1924	Shoe
29 1925	Sealing
29 1926	Plywood
29 1927	Paper padding
29 1928	Abrasive bonding
29 1929	Rubber cement, not elsewhere classified
29 1930	Tire and tube repair materials
29 1931	Tread gum
29 1932	Molded cold patches

# MISCELLANEOUS BASIC MATERIALS—Continued

## RUBBER FABRICATED MATERIALS—Continued

### Miscellaneous Rubber Fabricated Materials—Continued

#### Tire and tube repair materials—Continued

- 29 1933 Friction cord fabric
- 29 1934 Quick-cure gum
- 29 1935 Padding stock
- 29 1936 Combination tube gum
- 29 1937 Preformed vulcanizing patches
  - 29 19371 Cured
  - 29 19372 Uncured
- 29 1939 Tire and tube repair materials, not elsewhere classified
- 29 1940 Rubber tape, industrial
- 29 1941 Friction
- 29 1942 Combination
- 29 1943 Cable wrapping
- 29 1944 Rubber insulating (splicing)
- 29 1945 Pressure sensitive (industrial)
- 29 1946 Masking
- 29 1947 Stop-off
- 29 1949 Rubber tape, industrial, not elsewhere classified
- 29 1950 Sponge rubber sheeting
- 29 1960 Channel rubber
- 29 1970 Handles and grips (include gun grips)
- 29 1980 Vibration dampeners, except aircraft
- 29 1990 Miscellaneous rubber fabricated materials
  - 29 1991 Bushings
  - 29 1992 Cable connectors and terminal blocks
  - 29 1993 Flexible connections
  - 29 1994 Grommets
  - 29 1995 Pipe coupling rings
  - 29 1999 Rubber fabricated materials, not elsewhere classified

## PLASTIC FABRICATED MATERIALS TO BE USED AS COMPONENTS OF END PRODUCTS (WHOLLY OR PRINCIPALLY OF MATERIALS IN WHICH PLASTICS ARE THE CHIEF BINDING AGENTS)<sup>1</sup>

### Plastic Housings (Include Cabinets, Cases and Guards)

- 29 2100 Business machine
- 29 2101 Camera
- 29 2102 Carboy
- 29 2103 Clock
- 29 2104 Direction finder
- 29 2105 Door chime
- 29 2106 Engine
- 29 2107 Fan
- 29 2111 Fire alarm
- 29 2112 First aid kit
- 29 2113 Flashlight
- 29 2114 Instrument
- 29 2115 Machinery
- 29 2116 Motor
- 29 2117 Radio
- 29 2118 Razor
- 29 2121 Refrigerator
- 29 2122 Scale
- 29 2123 Storage battery
- 29 2124 Telephone
- 29 2125 Vacuum cleaner
- 29 2126 Washing machine
- 29 2199 Housings (include cabinets, cases and guards), not elsewhere classified
- 29 2200 Plastic Electrical Fittings and Components
  - 29 2201 Cable guards
  - 29 2202 Clamps for wires
  - 29 2203 Circuit breaker fittings and components
  - 29 2204 Coil fittings and components
  - 29 2205 Condenser fittings and components

<sup>1</sup> See Supplementary Code 29-1 for type of plastic material and Supplementary Code 29-2 for production processes on page 258.



# MISCELLANEOUS BASIC MATERIALS—Continued

## PLASTIC FABRICATED MATERIALS TO BE USED AS COMPONENTS OF END

### PRODUCTS—Continued

#### *Plastic Electrical Fittings and Components—Continued*

- 29 2206 Conduits and supports for wires
- 29 2207 Distributor fittings and components
- 29 2208 Insulation, except cable guards
- 29 2211 Loud speaker fittings and components
- 29 2212 Push buttons
- 29 2213 Socket and plug fittings and components
- 29 2214 Switch fittings and components
- 29 2215 Terminal block fittings and components
- 29 2216 Terminal strips
- 29 2299 Plastic electrical fittings and components, not elsewhere classified

#### *Plastic Construction And Maintenance Products*

- 29 2301 Architectural trim
- 29 2302 Building panel
- 29 2303 Floor and wall tile
- 29 2304 Insulation, except electrical
- 29 2305 Pipe line covers
- 29 2306 Screening, door and window
- 29 2307 Weather stripping
- 29 2399 Plastic construction and maintenance products, not elsewhere classified

#### *Plastic Glass*

#### *Plastic Handles, Grips, Knobs and Pulls*

- 29 2500 Brush handles
- 29 2501 Cutlery handles
- 29 2503 Gun grips for fire arms and bayonets
- 29 2504 Gun stocks for fire arms and bayonets
- 29 2505 Knobs
- 29 2506 Pulls
- 29 2507 Razor handles
- 29 2508 Spray gun grips
- 29 2511 Tool handles and grips
- 29 2512 Umbrella handles
- 29 2599 Plastic handles, grips, knobs, and pulls, not elsewhere classified

#### *Plastic Panels and Instrument Parts*

- 29 2601 Crystals, watch and gauge
- 29 2602 Binocular parts
- 29 2603 Dials
- 29 2604 Flow meter parts
- 29 2605 Gauge parts
- 29 2606 Instrument panels
- 29 2607 Switchboard panels
- 29 2699 Plastic panels and instrument parts, not elsewhere classified

#### *Ordnance Plastic Components and Accessory Parts*

- 29 2700 Booster tube components
- 29 2701 Cartridge wads
- 29 2703 Detonating cap components
- 29 2704 Gunnels, shell loading
- 29 2705 Ammunition fuze components
- 29 2706 Range finder parts
- 29 2707 Shell caps and plugs
- 29 2708 Signal grenade parts
- 29 2799 Ordnance plastic components and accessory parts, not elsewhere classified

#### *Automotive Plastic Parts and Accessories, Except Instrument Panels*

- 29 2801 Brake lining
- 29 2802 Bumper plates
- 29 2803 Horns
- 29 2804 Ornaments
- 29 2805 Piston rings
- 29 2806 Steering wheels
- 29 2899 Automotive plastic parts and accessories, except instrument panels, not elsewhere classified

# MISCELLANEOUS BASIC MATERIALS—Continued

## PLASTIC FABRICATED MATERIALS TO BE USED AS COMPONENTS OF END PRODUCTS—Continued

### *Miscellaneous Plastic Fabricated Materials*

29 2900	
29 2901	Arc shields
29 2902	Bearing parts
29 2903	Belting lining
29 2904	Belts, except buckles
29 2905	Beverage dispenser parts
29 2906	Bobbin parts
29 2908	Brush filaments (cut to length or tapered)
29 2911	Buckles
29 2912	Bushing parts
29 2913	Caster wheels
29 2914	Connection, hose and pipe
29 2915	Couplings, except hose and pipe
29 2916	Corset steel covering
29 2917	Desk set parts
29 2918	Dial covers
29 2921	Drum and accordion covers
29 2922	Fairleads
29 2923	Gaskets
29 2924	Gas mask parts
29 2925	Grommets
29 2926	Hammer heads
29 2927	Helmet liners
29 2928	Hose
29 2931	Hoze nozzles
29 2932	Hand bag parts
29 2933	Jigs
29 2934	Light covers
29 2935	Pencil parts
29 2936	Pen parts
29 2937	Piano key coverings
29 2938	Pipe stems
29 2941	Pump parts
29 2942	Shoe heels
29 2943	Shoe parts, except heels
29 2944	Spools
29 2945	Stirrup-pump parts
29 2946	Suspender and garter parts
29 2947	Tops, table and counter
29 2948	Valve parts
29 2951	Webbing for chair seats
29 2952	Wheels, except caster
29 2999	Plastic fabricated materials, not elsewhere classified
29 3000	CORK BASIC MATERIALS
29 3010	Balls
29 3020	Blocks
29 3021	Composition
29 3022	Natural
29 3030	Bricks
29 3040	Carburetor floats
29 3050	Cartridge plugs
29 3060	Clutch facings
29 3070	Corkboard
29 3071	Acoustical
29 3072	Insulation
29 3073	Isolation
29 3079	Corkboard, not elsewhere classified
29 3080	Expansion joints
29 3110	Gaskets
29 3120	Granulated cork
29 3130	Grips and handles
29 3131	Pen holder
29 3132	Sporting goods
29 3139	Grips and handles, not elsewhere classified

# MISCELLANEOUS BASIC MATERIALS—Continued

## CORK BASIC MATERIALS—Continued

29 3140	Liners for closures
29 3150	Musical instrument parts
29 3160	Paper
29 3170	Pipe covering and fittings
29 3180	Press blankets
29 3210	Rods
29 3220	Sheets and strips
29 3230	Shoe materials
29 3231	Box toes
29 3232	Counters
29 3233	Fillers
29 3234	Heel pads
29 3235	Lifts
29 3236	Soles
29 3239	Shoe materials, not elsewhere classified
29 3240	Textile mill rolls and cots
29 3250	Tile
29 3260	Valve seats and discs
29 3270	Washers
29 3990	Cork basic materials, not elsewhere classified
29 5000	FURS, DRESSED AND DRESSED AND DYED, NOT MADE INTO ANY ARTICLE
29 5100	<i>Furs, Dressed, Not Dyed</i>
29 5110	Rodent group
29 5111	Beaver
29 5112	Muskrat
29 5113	Nutria
29 5114	Squirrel
29 5115	Marmot
29 5116	Chinchilla
29 5117	Rabbit
29 5118	Hare
29 5119	Rodent group furs, dressed, not dyed, not elsewhere classified
29 5120	Cat group
29 5121	Leopard
29 5122	Jaguar
29 5123	Cheetah
29 5124	Ocelot
29 5125	South American cats
29 5126	Wild cats
29 5127	Lynx
29 5128	Civets
29 5129	Cat group furs, dressed, not dyed, not elsewhere classified
29 5130	Dog and wolf group
29 5131	Dog
29 5132	Jackal
29 5133	Wolf
29 5134	Silver and black fox
29 5135	Fox, except silver and black
29 5139	Dog and wolf group furs, dressed, not dyed, not elsewhere classified
29 5140	Bear and raccoon group
29 5141	Bear
29 5142	Raccoon
29 5149	Bear and raccoon group furs, dressed, not dyed, not elsewhere classified (include ringtail)
29 5150	Weasel group
29 5151	Sable
29 5152	Marten
29 5153	Mink
29 5154	Kolinsky
29 5155	Fisher
29 5156	Ermine
29 5157	Weasel
29 5158	Skunk
29 5159	Weasel group furs, dressed, not dyed, not elsewhere classified



MISCELLANEOUS BASIC MATERIALS—Continued

FURS, DRESSED AND DRESSED AND DYED, NOT MADE INTO ANY ARTICLE—Continued

*Furs, Dressed, Not Dyed*—Continued

Pouched animal group (Marsupials)

- 29 5160 Opossum
- 29 5161 Kangaroo and wallaby
- 29 5162 Koala and wombat
- 29 5163 Pouched animal group furs, dressed, not dyed, not elsewhere classified

Hoofed animal group

- 29 5170 Persian lamb
- 29 5171 Caracul
- 29 5172 Lamb and sheep, except Persian lamb and caracul
- 29 5173 Goat and kid
- 29 5174 Pony
- 29 5175 Calf
- 29 5176 Guanquito
- 29 5177 Hoofed animal group furs, dressed, not dyed, not elsewhere classified

Miscellaneous furs, dressed, not dyed

- 29 5190 Fur seal
- 29 5191 Hair seal
- 29 5192 Mole
- 29 5193 Monkey
- 29 5194 Tails, paws, heads and other separate parts of furs
- 29 5195 Furs, dressed, not dyed, not elsewhere classified

*Furs, Dressed and Dyed*

Rodent group

- 29 5210 Beaver
- 29 5211 Muskrat
- 29 5212 Nutria
- 29 5213 Squirrel
- 29 5214 Marmot
- 29 5215 Chinchilla
- 29 5216 Rabbit
- 29 5217 Hare
- 29 5218 Rodent group furs, dressed and dyed, not elsewhere classified

Cat group

- 29 5220 Leopard
- 29 5221 Jaguar
- 29 5222 Cheetah
- 29 5223 Ocelot
- 29 5224 South American cats
- 29 5225 Wild cats
- 29 5226 Lynx
- 29 5227 Civets
- 29 5228 Cat group furs, dressed and dyed, not elsewhere classified

Dog and wolf group

- 29 5230 Dog
- 29 5231 Jackal
- 29 5232 Wolf
- 29 5233 Silver and black fox
- 29 5234 Fox, except silver and black
- 29 5235 Dog and wolf group furs, dressed and dyed, not elsewhere classified

Bear and raccoon group

- 29 5240 Bear
- 29 5241 Raccoon
- 29 5242 Bear and raccoon group furs, dressed and dyed, not elsewhere classified (include ringtail)

Weasel group

- 29 5250 Sable
- 29 5251 Marten
- 29 5252 Mink
- 29 5253 Kolinsky
- 29 5254 Fisher
- 29 5255 Ermine

MISCELLANEOUS BASIC MATERIALS—Continued

FURS, DRESSED AND DRESSED AND DYED, NOT MADE INTO ANY ARTICLE—Continued

*Furs, Dressed and Dyed*—Continued

Weasel group—Continued

- 29 5257 Weasel
- 29 5258 Skunk
- 29 5259 Weasel group furs, dressed and dyed, not elsewhere classified
- 29 5260 Pouched animal group (Marsupials)
- 29 5261 Opossum
- 29 5262 Kangaroo and wallaby
- 29 5263 Koala and wombat
- 29 5269 Pouched animal group furs, dressed and dyed, not elsewhere classified
- 29 5270 Hoofed animal group
- 29 5271 Persian lamb
- 29 5272 Caracul
- 29 5273 Lamb and sheep, except Persian lamb and caracul
- 29 5274 Goat and kid
- 29 5275 Pony
- 29 5276 Calf
- 29 5277 Guanquito
- 29 5279 Hoofed animal group furs, dressed and dyed, not elsewhere classified
- 29 5290 Miscellaneous furs, dressed and dyed
- 29 5291 Fur seal
- 29 5292 Hair seal
- 29 5293 Mole
- 29 5294 Monkey
- 29 5295 Tails, paws, heads and other separated parts of furs
- 29 5299 Furs, dressed and dyed, not elsewhere classified
- 29 6000 FUR PLATES, MATS, LININGS, CROSSES, SACS, AND STRIPS, DRESSED AND DRESSED AND DYED, NOT MADE INTO ANY ARTICLE
- 29 6100 *Dressed, Not Dyed*
- 29 6110 Squirrel
- 29 6120 Dog
- 29 6130 Cat
- 29 6140 Sheep and lamb
- 29 6150 Goat and kid
- 29 6190 Fur plates, mats, linings, crosses, sacs, and strips, dressed, not dyed, not elsewhere classified
- 29 6200 *Dressed and Dyed*
- 29 6210 Squirrel
- 29 6220 Dog
- 29 6230 Cat
- 29 6240 Sheep and lamb
- 29 6250 Goat and kid
- 29 6290 Fur plates, mats, linings, crosses, sacs, and strips, dressed and dyed, not elsewhere classified
- 29 7000 FEATHERS AND DOWNS, PROCESSED
- 29 7100 *Downs*
- 29 7200 *Feathers*
- 29 7210 Bedding and upholstery
- 29 7211 Goose
- 29 7212 Duck
- 29 7213 Chicken
- 29 7214 Turkey
- 29 7219 Bedding and upholstery feathers, not elsewhere classified
- 29 7220 Feathers, except bedding and upholstery
- 29 7221 Goose
- 29 7222 Duck
- 29 7223 Chicken
- 29 7224 Turkey
- 29 7225 Ostrich
- 29 7226 Marabou
- 29 7229 Feathers, except bedding and upholstery, not elsewhere classified

**MISCELLANEOUS BASIC MATERIALS—Continued**

- 29 8000 IMITATION GEM AND ORNAMENTAL STONES (CUT, POLISHED, CARVED,  
ENGRAVED, SHAPED, MOLDED, BUT NOT MOUNTED OR SET)
- 29 8100 Glass
- 29 8110 Rhinestones
- 29 8120 Glass, except Rhinestones
- 29 8200 Plastic
- 29 8210 Rhinestones
- 29 8220 Plastic, except Rhinestones
- 29 8900 *Imitation Gem and Ornamental Stones, Not Elsewhere Classified*
- 29 9000 MISCELLANEOUS BASIC MATERIALS
- 29 9100 *Button Blanks, Moulds, and Other Parts*
- 29 9110 Blanks
- 29 9111 Pearl and shell
  - 29 91111 Fresh water
  - 29 91112 Ocean
- 29 9112 Vegetable ivory
- 29 9113 Plastics
- 29 9119 Blanks, not elsewhere classified
- 29 9120 Moulds
- 29 9121 Metal
- 29 9122 Wood
- 29 9123 Paper
- 29 9129 Moulds, not elsewhere classified
- 29 9130 Button parts, except blanks and moulds
- 29 9200 *Beads, Bugles, and Spangles*
- 29 9210 Beads and bugles
- 29 9211 Bone
- 29 9212 Ceramic
- 29 9213 Glass
- 29 9214 Ivory
- 29 9215 Metal
- 29 9216 Pearl, except gem
- 29 9217 Plastic
- 29 9218 Wood
- 29 9219 Beads and bugles, not elsewhere classified
- 29 9220 Spangles, including sequins
- 29 9300 *Hog Bristles, Sorted, Bunched, or Prepared*
- 29 9400 *Horsehair, Dressed and Drawn*
- 29 9410 Mane
- 29 9420 Tail, including switches
- 29 9490 Horsehair, dressed and drawn, not elsewhere classified
- 29 9500 *Catgut and Wormgut*
- 29 9510 Catgut
- 29 9511 Surgical
- 29 9512 Tennis string
- 29 9519 Catgut, not elsewhere classified
- 29 9520 Wormgut
- 29 9600 *Vegetable Brush Fibers, Dressed, Bleached, Dyed, or Cut to Length*
- 29 9610 Istle (Tampico)
- 29 9611 Black Patent
- 29 9619 Istle, not elsewhere classified
- 29 9620 Palmyra, including bassina
- 29 9630 Piassava, including bass
- 29 9640 Palmetto
- 29 9650 Kittool
- 29 9690 Vegetable brush fibers, dressed, bleached, dyed, or cut to length,  
not elsewhere classified
- 29 9700 *Bagasse*
- 29 9900 *Basic Materials, Not Elsewhere Classified*



# **Supplementary Codes for Plastic Fabricated Materials, To Be Used as Components of End Products (Group 29 2000)**

## **SUPPLEMENTARY CODE 29-1, TYPE OF PLASTIC MATERIAL**

0	Phenolic resins
1	Alkyd resins
2	Organic nitrogen resins
3	Vinyl resins
4	Acrylic resins
5	Aromatic hydrocarbon resins
6	Cellulose derivatives, except vulcanized fiber
7	Vulcanized fiber
8	Protein resins (include casein and soya bean)
9	Plastics, not elsewhere classified

## **SUPPLEMENTARY CODE 29-2, PRODUCTION PROCESSES**

1	Molded
2	Except molded

## PART 3—END PRODUCTS

(Major Groups 31-89)

1. *Public Lands*

2. *Private Lands*

3. *Unappropriated Lands*

4. *Reserved Lands*

5. *Withdrawn Lands*

6. *Relinquished Lands*

7. *Abandoned Lands*

8. *Other Lands*

9. *Unsurveyed Lands*

10. *Unsettled Lands*

11. *Unpatented Lands*

12. *Other*

13. *Unsettled*

## PART 2—END PRODUCTS

(Map of Nevada)



## MAJOR GROUP 31—GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT

- 31 0000 *GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT*
- 31 1000 *ENGINES AND TURBINES, GENERAL PURPOSE*
- 31 1100 *Steam Engines*
- 31 1110 Slide valve
- 31 1111 Simple
- 31 1112 Compound
- 31 1113 Multi-expansion
- 31 1120 Corliss valve
- 31 1121 Simple
- 31 1122 Compound
- 31 1123 Multi-expansion
- 31 1130 Poppet valve
- 31 1131 Simple
- 31 1132 Compound
- 31 1133 Multi-expansion
- 31 1140 Uniflow
- 31 1141 Single cylinder
- 31 1142 Multi-cylinder
- 31 1190 Steam engines, not elsewhere classified
- 31 1200 *Steam Turbines*
- 31 1210 Mechanical drive
- 31 1211 Single stage
  - 31 1211100 Condensing
  - 31 1211200 Non-condensing
- 31 1212 Multi-stage
  - 31 1212100 Condensing
    - 31 1212110 Simple extraction
    - 31 1212111 One extraction opening
    - 31 1212112 Two or more extraction openings
    - 31 1212120 Automatic extraction
    - 31 1212121 One extraction opening
    - 31 1212122 Two or more extraction openings
    - 31 1212190 Condensing, not elsewhere classified
  - 31 1212200 Non-condensing
    - 31 1212210 Simple extraction
    - 31 1212211 One extraction opening
    - 31 1212212 Two or more extraction openings
    - 31 1212220 Automatic extraction
    - 31 1212221 One extraction opening
    - 31 1212222 Two or more extraction openings
    - 31 1212290 Non-condensing, not elsewhere classified
- 31 1220 Generator type, except turbo-generator sets
- 31 1221 Single stage
  - 31 1221100 Condensing
  - 31 1221200 Non-condensing
- 31 1222 Multi-stage
  - 31 1222100 Condensing
    - 31 1222110 Simple extraction
    - 31 1222111 One extraction opening
    - 31 1222112 Two or more extraction openings
    - 31 1222120 Automatic extraction
    - 31 1222121 One extraction opening
    - 31 1222122 Two or more extraction openings
    - 31 1222190 Condensing, not elsewhere classified
  - 31 1222200 Non-condensing
    - 31 1222210 Simple extraction
    - 31 1222211 One extraction opening

# GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT—Continued

## ENGINES AND TURBINES, GENERAL PURPOSE—Continued

### Steam Turbines—Continued

#### Generator type, except turbo-generator sets—Continued.

##### Multi-stage—Continued

##### Non-condensing—Continued

- 31 1222212 Two or more extraction openings
- 31 1222220 Automatic extraction
- 31 1222221 One extraction opening
- 31 1222222 Two or more extraction openings
- 31 1222290 Non-condensing, not elsewhere classified

31 1290 Steam turbines, not elsewhere classified

### Gas Turbines

#### Simple expansion

##### Single stage

##### Multi-stage

#### Explosion or gas burning type

### Water Wheels and Water Turbines

#### Simple wheel overshot

#### Simple wheel undershot

#### Reaction turbines

##### Francis type inward-flow

##### Adjustable blade propeller type

#### Impulse turbines

##### Single nozzle

##### Multi-nozzle

#### Water wheels and turbines, not elsewhere classified

### Internal Combustion Engines

#### Fuel injection, compression ignition (Diesel)<sup>1</sup>

##### Liquid cooled

31 15111 Two-cycle

31 15112 Four-cycle

31 1512 Air cooled

31 15121 Two-cycle

31 15122 Four-cycle

#### Fuel injection, surface ignition (semi-Diesel)<sup>1</sup>

##### Liquid cooled

31 15211 Two-cycle

31 15212 Four-cycle

31 1522 Air cooled

31 15221 Two-cycle

31 15222 Four-cycle

#### Fuel injection, spark ignition (Hell-Hesselman type)<sup>1</sup>

#### Carburetor type<sup>2</sup>

##### Liquid cooled

31 154110 Two-cycle

31 154111 Under 1800 rpm

31 154112 1800 rpm and over

31 154120 Four-cycle

31 154121 Under 1800 rpm

31 154122 1800 rpm and over

31 1542 Air cooled

31 154210 Two-cycle

31 154211 Under 1800 rpm

31 154212 1800 rpm and over

31 154220 Four-cycle

31 154221 Under 1800 rpm

31 154222 1800 rpm and over

31 1550 Mixing valve type

##### Liquid cooled

31 155110 Two-cycle

31 155120 Four-cycle

31 1552 Air cooled

31 155210 Two-cycle

31 155220 Four-cycle

31 1590 Internal combustion engines, not elsewhere classified

<sup>1</sup> See Supplementary Code 31-1 for rated horsepower on page 276.

<sup>2</sup> See Supplementary Code 31-2 for rated horsepower on page 276.

# GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIP- MENT—Continued

## ENGINES AND TURBINES, GENERAL PURPOSE—Continued

### *Air Motors*

- 31 1600 Compressed air operated
- 31 1610 Reciprocating
- 31 1611 Turbine
- 31 1612 Multivane
- 31 1620 Wind operated
- 31 1621 Windmill heads
- 31 1629 Wind operated, not elsewhere classified

### *Mercury Turbines*

- 31 1700
- 31 1900 *Engines And Turbines, Not Elsewhere Classified*

## COMPRESSORS AND PUMPS

### *Compressors and Dry Vacuum Pumps*

- 31 2000
- 31 2100 Reciprocating compressors and dry vacuum pumps
- 31 2111

#### Single-acting

- 31 211110 Single stage tank mounted
- 31 211111 Stationary
- 31 211112 Portable
- 31 211120 Single stage, except tank mounted
- 31 211121 Stationary
- 31 211122 Portable
- 31 211130 Two-stage tank mounted
- 31 211131 Stationary
- 31 211132 Portable
- 31 211140 Two-stage, except tank mounted
- 31 211141 Stationary
- 31 211142 Portable
- 31 211150 Multi-stage (more than two-stage)

31 2112

#### Double-acting

- 31 21121 Single stage powered units (motor or engine is integral part of unit)
- 31 21122 Single stage belt drive
- 31 21123 Two-stage powered units (motor or engine is integral part of unit)
- 31 21124 Two-stage belt drive
- 31 21125 Multi-stage (more than two-stage) powered units (motor or engine is integral part of unit)
- 31 21126 Multi-stage belt drive

31 2119

#### Reciprocating compressors and dry vacuum pumps, not elsewhere classified

31 2120

#### Rotary compressors

- 31 2121 Lobe type
- 31 2122 Vane type
- 31 2129 Rotary compressors, not elsewhere classified

31 2190

#### Compressors and dry vacuum pumps, not elsewhere classified

31 2200

### *Pumps*

31 2210

#### Reciprocating pumps, steam-driven and power-driven

31 2211

#### Steam-driven

- 31 221110 Piston-type
- 31 221111 Single-cylinder
- 31 221112 Multiple-cylinder
- 31 221120 Plunger-type
- 31 221121 Single-cylinder
- 31 221122 Multiple-cylinder
- 31 221130 Crank-and-flywheel type
- 31 221190 Steam-driven, not elsewhere classified

31 2212

#### Power-driven

- 31 221210 Piston-type
- 31 221211 Single-cylinder
- 31 221212 Multiple-cylinder
- 31 221220 Plunger-type
- 31 221221 Single-cylinder
- 31 221222 Multiple-cylinder
- 31 221290 Power-driven, not elsewhere classified



# GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT—Continued

## COMPRESSORS AND PUMPS—Continued

### Pumps—Continued

- 31 2220 Centrifugal pumps, power-driven
- 31 2221 Volute
  - 31 222110 Vertical
  - 31 222111 Single-stage
  - 31 222112 Multistage
  - 31 222120 Horizontal
  - 31 222121 Single-stage
  - 31 222122 Multi-stage
- 31 2222 Turbine
  - 31 222210 Vertical
  - 31 222211 Single-stage
  - 31 222212 Multi-stage
  - 31 222220 Horizontal
  - 31 222221 Single-stage (peripheral-turbine)
  - 31 222222 Multi-stage
- 31 2223 Propeller (Axial-flow)
- 31 2224 Mixed-flow
- 31 2229 Centrifugal, not elsewhere classified
- 31 2230 Rotary pumps, power-driven
- 31 2231 Cam (lobe)
- 31 2232 Screw
- 31 2233 Gear
- 31 2234 Vane
- 31 2239 Rotary, not elsewhere classified
- 31 2240 Fluid-power-system pumps (hydraulic-power)
- 31 2241 Hydraulic vane type
- 31 2242 Hydraulic piston type
- 31 2250 Diaphragm pumps, power-driven
- 31 2260 Hand pumps
- 31 2261 Reciprocating
  - 31 22611 Piston-type
  - 31 22612 Plunger-type
- 31 2262 Rotary
- 31 2263 Diaphragm
- 31 2290 Pumps, not elsewhere classified
- 31 3000 CRUSHING, PULVERIZING, SCREENING AND MIXING MACHINERY AND EQUIPMENT
- 31 3100 *Crushers*
- 31 3110 Jaw crushers
- 31 3120 Gyratory and cone crushers
- 31 3130 Hammermills (Impact mills)
- 31 3140 Roll crushers
- 31 3141 Single roll
- 31 3142 Double roll
- 31 3150 Stamp mills
- 31 3160 Pick-type breakers
- 31 3190 Crushers, not elsewhere classified
- 31 3200 *Pulverizers, Grinders, and Granulators*
- 31 3220 Attrition mills
- 31 3230 Grinding rolls
- 31 3240 Pan grinders
- 31 3250 Grinding mills
- 31 3251 Ball
- 31 3252 Pebble
- 31 3253 Rod
- 31 3260 Disc pulverizers and burrstones
- 31 3270 Bowl mills (Coal pulverizers)
- 31 3290 Pulverizers, grinders and granulators, not elsewhere classified
- 31 3300 *Shredders*
- 31 3400 *Chippers*
- 31 3500 *Knife Hogs*
- 31 3600 *Screening Machinery and Equipment*
- 31 3610 Grizzlies
- 31 3611 Bar
- 31 3612 Roll

# GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT—Continued

## CRUSHING, PULVERIZING, SCREENING AND MIXING MACHINERY AND EQUIPMENT—Continued

### Screening Machinery and Equipment—Continued

- 31 3620 Trommel screens, revolving
- 31 3621 Dry type
- 31 3622 Wet type
- 31 3630 Shaking screens
- 31 3640 Vibrating screens
- 31 3650 Sifters
- 31 3690 Screening equipment, not elsewhere classified
- 31 3700 *Mixing Machinery*
- 31 3900 *Crushing, Pulverizing, Screening and Mixing Machinery and Equipment, Not Elsewhere Classified*

## CONVEYORS AND CONVEYING SYSTEMS

### Belt Conveyors

- 31 4100 Bulk-material type
- 31 4110 Packaged-material type
- 31 4120 Steel and woven wire type
- 31 4130 Belt conveyors, not elsewhere classified
- 31 4190 *Elevators (Elevator Conveyors)*
- 31 4200 Bucket-type elevators (include portable farm elevators)
- 31 4210 Arm and tray-type elevators
- 31 4220 Skip hoists
- 31 4230 Elevators (elevator conveyors), not elsewhere classified

### Screw Conveyors, Spiral

### Chain Conveyors

- 31 4400 Apron type
- 31 4410 Flight type (Scraper)
- 31 4420 Drag type
- 31 4430 Pivoted bucket-carrier type
- 31 4440 V-Bucket type
- 31 4450 Car hauls
- 31 4460 Foundry-mold conveyors, runaround type
- 31 4470 Capacity-flow type
- 31 4480 Chain conveyors, not elsewhere classified

### Roller Conveyors

- 31 4500 Live-roller type
- 31 4510 Gravity-roller type
- 31 4520 Gravity skate-wheel type
- 31 4530 Roller conveyors, not elsewhere classified

### Overhead Conveyors

- 31 4600 Trolley type
- 31 4610 Aerial tramways
- 31 4620 Tramrail systems (monorail systems)
- 31 4630 Overhead conveyors, not elsewhere classified

### Pneumatic Conveyors

- 31 4700 Package type
- 31 4710 Bulk-material type

### Cable Conveyors

- 31 4800 Rope-and-button type
- 31 4810 Cable conveyors, not elsewhere classified

### Miscellaneous Conveyors and Conveying Equipment

- 31 4900 Vibrating conveyors
- 31 4910 Shaker conveyors
- 31 4920 Portable conveyors
- 31 4931 Bulk type (include farm elevators)
- 31 4932 Package-handling type
- 31 4933 Bucket loaders
- 31 4940 Conveyor feeders
- 31 4990 Conveyors and conveying equipment, not elsewhere classified

## CRANES, DERRICKS, HOISTS, AND WINCHES

### Cranes, Railroad

- 31 5100 Locomotive cranes
- 31 5110 Steam powered
- 31 5111 Less than 5 tons capacity
- 31 5112 5 to 10 but not including 10 tons
- 31 5113 10 to 25 tons

# GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT—Continued

## CRANES, DERRICKS, HOISTS, AND WINCHES—Continued

### *Cranes, Railroad*—Continued

#### Locomotive cranes—Continued

##### Steam powered—Continued

- 31 51114 25 to 50 tons
- 31 51115 50 to 100 tons
- 31 51119 100 tons and over

31 5112

##### Internal combustion engine powered

- 31 51121 Less than 5 tons capacity
- 31 51122 5 to 10 tons
- 31 51123 10 to 25 tons
- 31 51124 25 to 50 tons
- 31 51125 50 to 100 tons
- 31 51129 100 tons and over

31 5113

##### Electric motor powered

- 31 51131 Less than 5 tons capacity
- 31 51132 5 to 10 tons
- 31 51133 10 to 25 tons
- 31 51134 25 to 50 tons
- 31 51135 50 to 100 tons
- 31 51139 100 tons and over

31 5119

##### Locomotive cranes, not elsewhere classified

31 5120

##### Wrecking cranes

31 5190

##### Railroad cranes, not elsewhere classified

31 5200

### *Overhead Traveling Cranes, Except Gantry and Monorail*

31 5210

##### Hand powered

31 5211

##### Less than 1 ton capacity

31 5212

##### 1 to 5 tons

31 5213

##### 5 to 10 tons

31 5219

##### 10 tons and over

31 5220

##### Electric powered

31 5221

##### Less than 1 ton capacity

31 5222

##### 1 to 5 tons

31 5223

##### 5 to 20 tons

31 5224

##### 20 to 50 tons

31 5225

##### 50 to 100 tons

31 5229

##### 100 tons and over

31 5280

##### Trolleys, all capacities (overhead cranes, traveling only)

31 5290

##### Overhead traveling cranes, except gantry and monorail, not elsewhere classified

31 5300

### *Charging Machines and Manipulators*

31 5310

##### Charging machines (chargers)

31 5320

##### Manipulators (forging type)

31 5400

### *Gantry Type Cranes and Ore Bridges*

31 5410

##### Gantry cranes

31 5411

##### Less than 10 tons

31 5412

##### 10 to 30 tons

31 5413

##### 30 to 50 tons

31 5414

##### 50 tons and over

31 5419

##### Gantry cranes, not elsewhere classified

31 5420

##### Ore bridges

31 5450

##### Trolleys, all capacities for gantry type cranes and ore bridges

31 5490

##### Gantry cranes, not elsewhere classified

31 5500

### *Whirley Cranes (Include Revolving and Rotary Cranes)*

31 5510

##### Standard types

31 5511

##### Less than 10 tons capacity

31 5512

##### 10 to 30 tons

31 5513

##### 30 to 50 tons

31 5519

##### 50 tons and over

31 5520

##### Special types (include pintle, portal and drydock cranes)

31 5600

### *Jib Cranes (Include Bracket and Pillar Cranes)*

31 5610

##### Column or wall type

31 5611

##### Less than 10 tons capacity

31 5612

##### 10 to 25 tons

31 5619

##### 25 tons and over



# GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT—Continued

## CRANES, DERRICKS, HOISTS, AND WINCHES—Continued

### *Jib Cranes (Include Bracket and Pillar Cranes)*—Continued

- 31 5620 Yard type
- 31 5621 Less than 10 tons capacity
- 31 5622 10 to 25 tons
- 31 5629 25 tons and over
- 31 5630 Pillar type
- 31 5631 Less than 1 ton capacity
- 31 5632 1 to 2 tons
- 31 5633 2 to 3 tons
- 31 5639 3 tons and over
- 31 5690 Jib cranes, not elsewhere classified
- 31 5700 *Derricks (Include Gallows-Frames, Gin Poles, Stiff Legs, Guy and Sheer Legs)*
- 31 5800 *Hoisting Units, Skid and Base Mounted*
- 31 5810 Hoists (pendant type)
- 31 5811 Air powered
  - 31 58111 Lifting cylinder type
  - 31 58119 Air hoists, not elsewhere classified
- 31 5812 Electric powered
  - 31 58121 Less than 1 ton capacity
  - 31 58122 1 to 5 tons
  - 31 58123 5 to 10 tons
  - 31 58129 10 tons and over
- 31 5813 Hand chain
  - 31 58131 Less than 1 ton capacity
  - 31 58132 1 to 5 tons
  - 31 58133 5 to 10 tons
  - 31 58139 10 tons and over
- 31 5819 Hoists (pendant type), not elsewhere classified
- 31 5820 Winches
- 31 5821 Electric motor powered
  - 31 58211 Single drum
  - 31 58212 Multiple drum
- 31 5822 Steam engine driven
  - 31 58221 Single drum
  - 31 58222 Multiple drum
- 31 5823 Gasoline engine powered
  - 31 58231 Single drum
  - 31 58232 Multiple drum
- 31 5827 Hand operated
- 31 5829 Winches, not elsewhere classified
- 31 5830 Anchor windlasses
- 31 5831 Electric, vertical
  - 31 58311 Single drum
  - 31 58312 Multiple drum
- 31 5832 Electric, horizontal
  - 31 58321 Single drum
  - 31 58322 Multiple drum
- 31 5833 Steam, vertical
  - 31 58331 Single drum
  - 31 58332 Multiple drum
- 31 5834 Steam, horizontal
  - 31 58341 Single drum
  - 31 58342 Multiple drum
- 31 5835 Electric hydraulic, vertical
  - 31 58351 Single drum
  - 31 58352 Multiple drum
- 31 5836 Electric hydraulic, horizontal
  - 31 58361 Single drum
  - 31 58362 Multiple drum
- 31 5837 Hand operated
- 31 5839 Anchor windlasses, not elsewhere classified
- 31 5840 Capstans
- 31 5841 Electric, vertical
- 31 5842 Electric, horizontal

# GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT—Continued

## CRANES, DERRICKS, HOISTS, AND WINCHES—Continued *Hoisting Units, Skid and Base Mounted—Continued* Capstans—Continued

- 31 5843 Steam, vertical
- 31 5844 Steam, horizontal
- 31 5849 Capstans, not elsewhere classified
- 31 5890 Hoisting units, not elsewhere classified (include crabs and similar devices)

## 31 5900 *Cranes, Hoists and Winches, Not Elsewhere Classified*

- 31 6000 INDUSTRIAL TRUCKS, TRACTORS, TRAILERS, STACKERS AND ACCESSORIES  
(Used for material handling on floors and paved surfaces in and around industrial plants, depots, docks and terminals. Excludes highway trucks and tractors and equipment used in mining, agriculture, logging, earth-moving and petroleum development)

## 31 6100 *Powered Trucks, Industrial*

- 31 6110 Gasoline powered
- 31 6111 Lift trucks
  - 31 611110 Fork-type lift
  - 31 611120 Platform lift
  - 31 611121 High lift
  - 31 611122 Low lift
  - 31 611190 Lift trucks, gasoline-powered, not elsewhere classified

## 31 6112 Platform trucks (non-lift)

## 31 6113 Crane trucks

## 31 6114 Straddle trucks

## 31 6119 Gasoline-powered trucks, not elsewhere classified

## 31 6120 Electric powered

## 31 6121 Lift trucks (motor propelled with motor-powered lift)

- 31 612110 Fork-type lift
- 31 612120 Platform lift
- 31 612121 High lift
- 31 612122 Low lift
- 31 612190 Lift trucks, electric-powered, not elsewhere classified

## 31 6122 Platform trucks (non-lift)

## 31 6123 Crane trucks

## 31 6125 Motorized hand-lift trucks (motor-propelled with hand-powered hydraulic lift)

## 31 6129 Electric-powered trucks, not elsewhere classified

## 31 6190 Powered industrial trucks, not elsewhere classified

## 31 6200 *Hand Trucks*

## 31 6210 Two-wheel trucks

## 31 6220 Platform-type trucks

## 31 6221 Wood-deck

## 31 6222 Steel-deck

## 31 6230 Lift trucks

## 31 6231 Skid-platform type

## 31 6232 Pallet type

## 31 6240 Special-purpose trucks

## 31 6290 Hand trucks, not elsewhere classified

## 31 6300 *Tractors, Industrial*

## 31 6310 Gasoline powered

## 31 6320 Electric powered

## 31 6390 Industrial tractors, not elsewhere classified

## 31 6400 *Trailers For Industrial Tractors*

## 31 6410 Standard (4000 lbs. capacity or less)

## 31 6411 Wood-deck

## 31 6412 Steel-deck

## 31 6420 Heavy duty (over 4000 lbs. capacity)

## 31 6490 Trailers for industrial tractors, not elsewhere classified

## 31 6600 *Stackers (Portable Platform-Type Elevators)*

## 31 6610 Power-lift

## 31 6620 Hand-lift

# GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT—Continued

## INDUSTRIAL TRUCKS, TRACTORS, TRAILERS, STACKERS AND ACCESSORIES—Continued

- 31 6800 *Industrial Truck and Tractor Accessories*
- 31 6810 Skid platforms (skids)
- 31 6811 Wood-deck
- 31 6812 Steel-deck
- 31 6820 Dollies
- 31 6830 Pallets
- 31 6890 Industrial truck and tractor accessories, not elsewhere classified
- 31 7000 FAN AND BLOWER EQUIPMENT, INDUSTRIAL
- 31 7100 *Fans and Blowers, Industrial*
- 31 7110 Centrifugal blowers, except turbo-blowers
- 31 7111 Heavy duty
- 31 7112 Light weight
- 31 7113 Blower filter-units
- 31 7114 Small housed-blowers
- 31 7120 Mechanical draft fans and blowers
- 31 7130 Axial fans
- 31 7131 Light duty
- 31 7132 Heavy duty
- 31 7200 *Turbo-Blowers*
- 31 7210 Axial-flow, multi-stage
- 31 7220 Centrifugal
- 31 7221 Single-stage, aircraft engine (turbo-super chargers)
- 31 7222 Single-stage, except aircraft engine
- 31 7223 Multi-stage, blast-furnace type
- 31 7224 Multi-stage, except blast-furnace type
- 31 7230 Rotary type
- 31 7231 Lobe
- 31 7232 Sliding-vane
- 31 7233 Liquid-piston
- 31 7290 Turbo-blowers, not elsewhere classified
- 31 7300 *Dust Collection Equipment (Air-Purification, Removal of Solid Foreign Matter)*
- 31 7310 Process type (heavy duty, removes foreign matter at source of pollution, prevents pollution)
- 31 7311 Dry arresters
  - 31 73111 Replaceable element
  - 31 73112 Cleanable element
- 31 7312 Wet collectors
  - 31 73121 Nozzle-spray
  - 31 73122 Rotor-spray
  - 31 73123 Baffle-type
  - 31 73124 Bubble-type
  - 31 73129 Wet collectors, not elsewhere classified
- 31 7313 Centrifugal collectors (include cyclones)
  - 31 73131 Single-centrifugal type
  - 31 73132 Multiple-centrifugal type
- 31 7314 Electrical precipitators
- 31 7315 Dynamic precipitators
  - 31 73151 Wet type
  - 31 73152 Dry type
- 31 7319 Process type, not elsewhere classified
- 31 7320 Atmospheric type (light duty, cleans polluted air of foreign matter, acts as a restorative rather than a preventative)
- 31 7321 Viscous-impingement filters
  - 31 732110 Automatic (Self-cleaning)
  - 31 732120 Non-automatic
  - 31 732121 Replaceable element
  - 31 732122 Cleanable element
- 31 7322 Dry filters
  - 31 732210 Automatic (Self-cleaning)
  - 31 732220 Non-automatic
  - 31 732221 Replaceable element
  - 31 732222 Cleanable element



# GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT—Continued

## FAN AND BLOWER EQUIPMENT, INDUSTRIAL—Continued

### Dust Collection Equipment—Continued

#### Atmospheric type—Continued

- 31 7323 Washers (Air-purification)
  - 31 73231 Nozzle-spray
  - 31 73232 Rotor-spray
  - 31 73233 Capillary-type
  - 31 73239 Washers (Air-purification), not elsewhere classified
- 31 7324 Electrical precipitators
  - 31 73241 Automatic (Self-cleaning)
  - 31 73242 Non-automatic
- 31 7329 Atmospheric type, not elsewhere classified
- 31 7390 Dust collection equipment, not elsewhere classified
- 31 7400 *Air Purification Equipment (Removal of Gaseous or Vaporious Foreign Matter)*
- 31 7410 Adsorber type
- 31 7411 Activated charcoal type
- 31 7412 Silica gel type
- 31 7419 Adsorber type, not elsewhere classified
- 31 7420 Electrical precipitators
- 31 7490 Air purification equipment, not elsewhere classified
- 31 8000 **MECHANICAL POWER-TRANSMISSION EQUIPMENT AND BEARINGS**
- 31 8100 *Mechanical Power-Transmission Equipment, Industrial*
- 31 8110 Speed changers (enclosed units)
- 31 8111 Fixed ratio speed transmissions
  - 31 81111 Worm
  - 31 81112 Helical and herringbone
  - 31 81113 Spur
  - 31 81114 Chain
  - 31 81119 Fixed-ratio speed-transmissions, not elsewhere classified
- 31 8112 Variable ratio speed transmissions
  - 31 81121 Belt-type
  - 31 81122 Variable-ratio speed-transmissions, except belt-type
- 31 8120 Shaft equipment
- 31 8121 Driving mechanisms
  - 31 812110 Belt, including pulleys
  - 31 812111 Flat-belt type
  - 31 812112 V-belt type
  - 31 812120 Chain, including sprockets
  - 31 812121 Roller-chain type
  - 31 812122 Silent-chain type
  - 31 812129 Chain type, not elsewhere classified
  - 31 812130 Gear
  - 31 812190 Driving mechanisms, not elsewhere classified
- 31 8122 Couplings
  - 31 81221 Rigid type
  - 31 81222 Flexible type
  - 31 81223 Universal joint type
  - 31 81229 Couplings, not elsewhere classified
- 31 8123 Clutches, mechanical
  - 31 81231 Jaw type
  - 31 81232 Friction type
- 31 8124 Shafts and collars
- 31 8129 Shaft equipment, not elsewhere classified
- 31 8150 Pulleys
- 31 8160 Sprockets
- 31 8170 Gears
- 31 8190 Mechanical power-transmission equipment, industrial, not elsewhere classified

**GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIP-  
MENT—Continued**

**MECHANICAL POWER-TRANSMISSION EQUIPMENT AND BEARINGS—Con.  
Antifriction Bearings, Unmounted (Ball and Roller Bearings and  
Components)**

31 8200	Ball bearings <sup>a</sup>
31 8210	Radial load (Annular), except self-aligning
31 8211	31 821110 Single-row
	31 821120 Double-row
31 8212	Radial load, self-aligning
	31 821210 Single-row
	31 821220 Double-row
31 8213	Axial load (Thrust)
	31 821310 Flat race
	31 821320 Groove race
	31 821321 Single direction (include self-aligning)
	31 821322 Double direction
31 8214	Angular contact (combined radial and axial load)
	31 821410 Single-row
	31 821420 Double-row
	31 821430 Duplex (two units each having a single cone and single cup; two single-row bearings fitted together)
31 8219	Miscellaneous ball bearings (include special types)
	31 821910 Aircraft types
	31 821920 Special commercial types
	31 821930 Ball bearings, not elsewhere classified
31 8220	Roller bearings <sup>a</sup>
31 8221	Radial load
	31 822110 Cylindrical (Straight-roller)
	31 822111 Single-row
	31 822112 Double-row
	31 822113 Multiple-row
	31 822120 Needle bearings
	31 822121 Single-row
	31 822122 Double-row
31 8222	Axial load (Thrust)
	31 822210 Tapered
	31 822220 Cylindrical (Straight-roller)
31 8223	Angular contact (combined radial and axial load)
	31 822310 Tapered
	31 822311 Single-row
	31 822312 Double-row
	31 822313 Multiple-row
	31 822320 Self-aligning
	31 822321 Single-row
	31 822322 Double-row
31 8229	Roller bearings, not elsewhere classified
31 8230	Antifriction bearing components <sup>b</sup>
31 8231	Balls
31 8232	Rollers
	31 823210 Tapered
	31 823220 Straight
31 8239	Antifriction bearing components, not elsewhere classified (in- clude cages, housings, closures, collars, cones, cups, seals, separators, shields, sleeves, and snap-rings)
31 8300	Plain Bearings, Unmounted
31 8310	Sleeve bearings, radial load (include bearing-type bushings)
31 8311	Oiled
	31 83111 Brass
	31 83112 Bronze
	31 83113 Babbitt

<sup>a</sup> See Supplementary Codes 31-4 for bearing sizes of roller bearings and 31-7 for grades of bearings on page 276.

<sup>b</sup> See Supplementary Codes 31-3 for bearing sizes of ball bearings and 31-7 for grades of bearings on page 276.

<sup>c</sup> See Supplementary Codes 31-5 for sizes of ball-bearing balls and 31-6 for sizes of roller-bearing rollers on page 277.

GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT—Continued

MECHANICAL POWER-TRANSMISSION EQUIPMENT AND BEARINGS—CON.

*Plain Bearings, Unmounted*—Continued

Sleeve bearings, radial load (include bearing-type bushings)—Continued

Oiled—Continued

- 31 83114 Metal, except brass, bronze and babbitt
- 31 83115 Wood
- 31 83116 Plastic
- 31 83117 Non-metal, except wood and plastic

31 8312

Self-lubricating

- 31 83121 Oil-impregnated
- 31 83122 Graphite-inlaid
- 31 83123 Graphite-impregnated
- 31 83129 Self-lubricating, not elsewhere classified

31 8320

Sleeve bearings, except radial load type

31 8330

Split bearings, radial load

31 8331

Oiled

- 31 83311 Brass
- 31 83312 Bronze
- 31 83313 Babbitt
- 31 83114 Metal, except brass, bronze and babbitt
- 31 83115 Wood
- 31 83116 Plastic
- 31 83117 Non-metal, except wood and plastic

31 8332

Self-lubricating

- 31 83321 Oil-impregnated
- 31 83322 Graphite-inlaid
- 31 83323 Graphite-impregnated
- 31 83329 Self-lubricating, not elsewhere classified

31 8340

Split bearings, except radial load type

31 8350

Washer-type bearings, axial load (Thrust washers and related types)

31 8351

Oiled

- 31 83511 Brass
- 31 83512 Bronze
- 31 83513 Babbitt
- 31 83514 Metal, except brass, bronze and babbitt
- 31 83515 Wood
- 31 83516 Plastic
- 31 83517 Non-metal, except wood and plastic

31 8352

Self-lubricating

- 31 83521 Oil-impregnated
- 31 83522 Graphite-inlaid
- 31 83523 Graphite-impregnated
- 31 83529 Self-lubricating, not elsewhere classified

31 8360

Washer-type bearings, except axial load type

31 8400

*Mounted Bearings, Plain and Antifriction*

31 8410

Pillow blocks (include rigid, self-aligning, angle, adjustable types)

31 8420

Cartridge units (include cylindrical, spherical)

31 8430

Flange units (include hub-type, plate-type)

31 8440

Take-up units (include cast type, pressed steel type)

31 8450

Hanger units (include drop-type, post-type, bracket-type)

31 8460

Flat-box units

31 8470

Step-box units

31 8490

Mounted bearings, plain and antifriction, not elsewhere classified

31 9000

MISCELLANEOUS GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT

31 9100

*Presses (Except Printing, Garment, Agricultural, and Metal Working)*<sup>a</sup>

31 9110

Molding presses

31 9111

Compression molding

- 31 91111 Blocking, tabletting and briquetting
- 31 91112 Hot and chilled platen (include veneer presses)
- 31 91113 Baling and bundling

<sup>a</sup> See Supplementary Code 31-8 for type of power operation on page 277.



# GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT—Continued

## MISCELLANEOUS GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT—Continued

### Presses—Continued

#### Molding presses—Continued

##### Compression molding—Continued

31 91114 Clay forming (brick, sagger, tile)

31 91119 Compression molding presses, not elsewhere classified

31 9112 Injection molding

31 9120 Extrusion presses

31 9130 Liquid extraction presses (include oil extraction presses, oil expellers, dewatering presses and similar equipment)

31 9140 Oil seed cake presses

31 9190 Presses (except printing, garment, agricultural, and metal working), not elsewhere classified

31 9200 *Elevators* (An elevator is defined as a mechanically operated platform, hoisting and lowering mechanism travelling between guides in a substantially vertical direction)

31 9210 Electric, geared

31 9211 Passenger

31 9212 Freight, except sidewalk and dumbwaiter

31 9213 Sidewalk

31 9214 Dumbwaiter

31 9220 Electric, gearless

31 9230 Hydraulic

31 9231 Passenger

31 9232 Freight

31 9240 Hand-powered

31 9242 Freight, except sidewalk and dumbwaiter

31 9243 Sidewalk

31 9244 Dumbwaiter

31 9290 Elevators, not elsewhere classified

### Escalators

#### *Thermal Driers and Dehydrators, Industrial*

31 9410 Cabinet (chamber) driers and dehydrators

31 9411 Tray, trolley, and hanger loaded types

31 94111 Electrical

31 94112 Except electrical

31 9412 Truck and car loaded types

31 94121 Electrical

31 94122 Except electrical

31 9413 Room types (include lumber kilns)

31 94131 Electrical

31 94132 Except electrical

31 9414 Vacuum types

31 94141 Electrical

31 94142 Except electrical

31 9419 Cabinet (chamber) driers and dehydrators, not elsewhere classified

31 9420 Multipass driers

31 9421 Electrical

31 9422 Except electrical

31 9430 Tunnel driers and dehydrators

31 9431 Electrical

31 9432 Except electrical

31 9440 Rotary driers and dehydrators

31 9441 Rotating shell type

31 9442 Atmospheric drums

31 9449 Rotary driers and dehydrators, not elsewhere classified

31 9450 Spray driers

31 9460 Gas driers (include activated-alumina towers)

31 9490 Thermal driers and dehydrators, industrial, not elsewhere classified

31 9491 Electrical

31 9492 Except electrical

# GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT—Continued

## MISCELLANEOUS GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT—Continued

- 31 9500 *Heat Exchangers, Industrial (Include Steam Condensers)*
- 31 9510 Closed heat-exchangers
- 31 9511 Shell-and-bare-tube type
  - 31 951110 Removable tube-bundle
  - 31 951111 Floating-head, packed and unpacked
  - 31 951112 U-tube bundle
  - 31 951120 Fixed tube-bundle (non-removable tube-bundle)
- 31 9512 Shell-and-fin-tube type
  - 31 951210 Removable tube-bundle
  - 31 951211 Floating-head, packed and unpacked
  - 31 951212 U-tube bundle
  - 31 951220 Fixed tube-bundle (non-removable tube-bundle)
- 31 9513 Double-pipe type
- 31 9514 Plate-type, closed
- 31 9519 Closed heat-exchangers, not elsewhere classified
- 31 9520 Open heat-exchangers
- 31 9521 Bare-tube type
- 31 9522 Tin-tube type
- 31 9523 Plate-type, open
- 31 9529 Open heat-exchangers, not elsewhere classified
- 31 9530 Direct-contact heat-exchangers (inter-mixed fluids)
- 31 9531 Boiler feed-water heaters and deaerators
- 31 9539 Direct-contact heat-exchangers, not elsewhere classified
- 31 9580 Heat-exchanger components
- 31 9590 Heat-exchangers, not elsewhere classified
- 31 9600 *Valves and Steam Specialties, Except Plumbing, Aircraft, and Control Valves*
- 31 9610 Globe type valves<sup>†</sup>
- 31 9611 Needle
- 31 9612 Balanced
- 31 9613 Check
- 31 9614 Spring loaded
- 31 9615 Butterfly
- 31 9616 Quick opening
- 31 9617 Angle
- 31 9619 Globe type valves, not elsewhere classified
- 31 9620 Gate type valves<sup>†</sup>
- 31 9621 Screw operated
- 31 9622 Quick opening (lever)
- 31 9629 Gate type valves, not elsewhere classified
- 31 9630 Plug type valves (cock)<sup>†</sup>
- 31 9631 Nut and washer
- 31 9632 Gland packed
- 31 9633 Asbestos packed
- 31 9639 Plug type valves, not elsewhere classified
- 31 9640 Steam jet specialties
- 31 9641 Agitators
- 31 9642 Apparatus for heating liquids
- 31 9643 Blast nozzles
- 31 9644 Blowers
- 31 9645 Evacuators
- 31 9646 Exhaustors
- 31 9647 Syphons
- 31 9648 Vacuum pumps (ejectors)
- 31 9649 Steam jet specialties, not elsewhere classified
- 31 9650 Steam specialties, except steam jet
  - 31 96501 Chronometer valves
  - 31 96502 Deaerators
  - 31 96503 Exhaust heads
  - 31 96504 Expansion joints
  - 31 96505 Feed water heaters (closed and open types)

<sup>†</sup> See Supplementary Codes 31-9 for body material of valves, 31-10 for trim and lining material of valves, 31-11 for pressure rating of valves, and 31-12 for end connection of valves on pages 277 and 278.



**GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT—Continued**

**MISCELLANEOUS GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT—Continued**

*Valves and Steam Specialties, Except Plumbing, Aircraft, and Control Valves—Continued*

**Steam specialties, except steam jet—Continued**

- 31 96506 Filters (feed water) and strainers
- 31 96507 Injectors
- 31 96508 Oil separators
- 31 96511 Soot blowers
- 31 96512 Steam accumulators
- 31 96513 Steam blowers
- 31 96514 Steam separators
- 31 96515 Steam traps
- 31 96516 Water separators
- 31 96517 Whistles and sirens
- 31 96599 Steam specialties, not elsewhere classified

**Lubrication Equipment**

**Barrel pumps**

**Grease pumps**

- 31 97111 Air-powered (high and low pressure)
- 31 97112 Manually-operated (low pressure)

**Oil pumps**

- 31 97121 Air-powered
- 31 97122 Manually-operated lubrication pumps
- 31 97123 Manually-operated lubricant transfer pumps

**Portable pumps**

- 31 97201 Air-powered grease pumps (high and low pressure)
- 31 97202 Manually-operated grease pumps (low pressure)
- 31 97203 Electric-powered grease pumps (high pressure)

**Hand guns**

- 31 97301 Air-powered hand grease guns (high pressure)
- 31 97302 Manually-operated hand grease guns (high and low pressure)
- 31 97303 Manually-operated oil guns

**Centralized lubrication systems**

- 31 97401 Multiple-outlet, automatically and manually-operated greasing systems (high pressure)

- 31 97402 Multiple-outlet, gravity and pressure feed, automatic and manually-operated oiling systems

**Unit lubricators**

- 31 97501 High-pressure lubricant fittings

**Grease cups**

**Oil cups**

- 31 97531 Hand oilers (oil cans), mechanical force-feed and compression types

- 31 97551 Oil sprays, air-powered and mechanically-operated

**Air-line oilers**

- 31 97571 Lubricant dispensing valves

- 31 97591 Unit lubricators, not elsewhere classified

**Lubrication equipment, not elsewhere classified**

**Pressure and Vacuum Filters**

**Pressure type filters**

- 31 98101 Tank filters (leaf or sheet types, for germ-proofing, sterilizing or final clarification of solutions)

- 31 98102 Plate and frame filter presses

- 31 98103 Clamshell filter presses

- 31 98104 Horizontal plate filter presses

- 31 98105 Universal type filters

- 31 98106 Diatomaceous earth filters

- 31 98107 Continuous-cleaning filters

- 31 98108 Ferro-filters

- 31 98109 Pressure type filters, not elsewhere classified

**Vacuum type filters**

- 31 98201 Rotary drum, compartment, continuous

- 31 98202 Rotary disc or leaf, compartment, continuous

- 31 98203 Rotary hopper vacuum dewaterers, continuous

- 31 98204 Suction filters, batch



# GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT—Continued

## MISCELLANEOUS GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT—Continued

### Pressure and Vacuum Filters—Continued

#### Vacuum type filters—Continued

- |         |  |
|---------|--|
| 31 9825 | Vacuum filter accessories  |
|         | 31 98251 Discharge mechanisms  |
|         | 31 98252 Compression mechanisms  |
|         | 31 98253 Filter media, except cloth  |
| 31 9829 | Vacuum type filters, not elsewhere classified                                |
| 31 9900 | <i>Miscellaneous General Purpose Industrial Machinery and Equipment</i>      |
| 31 9910 | Centrifugals and separators  |
| 31 9911 | Centrifugals with perforated baskets   |
| 31 9912 | Centrifugals with solid bowl type baskets                                    |
| 31 9913 | Separators (clarification, dehydration, separation, emulsification)          |
| 31 9920 | Vacuum cookers (pans)  |
| 31 9930 | Baking ovens, except bakery ovens  |
| 31 9931 | Electric   |
|         | 31 99311 Batch type  |
|         | 31 99312 Continuous type   |
|         | 31 99319 Baking ovens, electric, not elsewhere classified                    |
| 31 9932 | Non-electric   |
|         | 31 99321 Batch type  |
|         | 31 99322 Continuous type   |
|         | 31 99329 Baking ovens, non-electric, not elsewhere classified                |
| 31 9990 | General purpose industrial machinery and equipment, not elsewhere classified |

## SUPPLEMENTARY CODE 31-1 FOR FUEL INJECTION TYPE INTERNAL COMBUSTION ENGINES

- |   |                                 |
|---|---------------------------------|
| 1 | Under 10 rated horsepower       |
| 2 | 10 to 50 rated horsepower       |
| 3 | 50 to 500 rated horsepower      |
| 4 | 500 to 1,000 rated horsepower   |
| 5 | 1,000 and over rated horsepower |

## SUPPLEMENTARY CODE 31-2 FOR CARBURETOR TYPE INTERNAL COMBUSTION ENGINES

- |   |                               |
|---|-------------------------------|
| 1 | Under 20 rated horsepower     |
| 2 | 20 to 100 rated horsepower    |
| 3 | 100 and over rated horsepower |

## SUPPLEMENTARY CODE 31-3 FOR BEARING SIZES OF BALL BEARINGS (31 8210)

- |   |   |
|---|---|
| 1 | Bearings less than 30 mm outside diameter       |
| 2 | Bearings 30 mm through 52 mm outside diameter   |
| 3 | Bearings 53 mm through 100 mm outside diameter  |
| 4 | Bearings 101 mm through 171 mm outside diameter |
| 5 | Bearings 171 mm through 240 mm outside diameter |
| 6 | Bearings 241 mm outside diameter and over       |

## SUPPLEMENTARY CODE 31-4 FOR BEARING SIZES OF ROLLER BEARINGS (31 8220)

- |   |   |
|---|---|
| 1 | Bearings less than 2" outside diameter                    |
| 2 | Bearings 2" and over outside diameter, but less than 4"   |
| 3 | Bearings 4" and over outside diameter, but less than 6"   |
| 4 | Bearings 6" and over outside diameter, but less than 8"   |
| 5 | Bearings 8" and over outside diameter, but less than 10"  |
| 6 | Bearings 10" and over outside diameter, but less than 30" |
| 7 | Bearings 30" outside diameter and over                    |

**SUPPLEMENTARY CODE 31-5 FOR SIZES OF BALL-BEARING BALLS**  
(31 8231)

- |   |  |
|---|--|
| 1 | Balls less than 1/2" outside diameter  |
| 2 | Balls 1/2" through 1" outside diameter |
| 3 | Balls greater than 1" outside diameter |

**SUPPLEMENTARY CODE 31-6 FOR SIZES OF ROLLER-BEARING ROLLERS** (31 8232)

- |   |  |
|---|--|
| 1 | Rollers less than 1/2" outside diameter  |
| 2 | Rollers 1/2" through 1" outside diameter |
| 3 | Rollers greater than 1" outside diameter |

**SUPPLEMENTARY CODE 31-7 FOR GRADES OF BEARINGS** (31 8200)

- |   |                   |                      |
|---|-------------------|----------------------|
| 1 | Hardware grade    |                      |
| 2 | A. B. E. C. No. 1 | (Commercial grade)   |
| 3 | A. B. E. C. No. 2 |                      |
| 4 | A. B. E. C. No. 3 | { (Precision grades) |
| 5 | A. B. E. C. No. 4 |                      |
| 6 | A. B. E. C. No. 5 |                      |

**SUPPLEMENTARY CODE 31-8 FOR PRESSES TO INDICATE TYPE OF POWER OPERATIONS** (31 9100)

- |   |   |
|---|---|
| 1 | Hydraulic—individual fluid power type   |
| 2 | Hydraulic—accumulator type  |
| 3 | Mechanical—screw  |
| 4 | Mechanical—toggle   |
| 5 | Mechanical—crank  |
| 6 | Mechanical—except screw, toggle and crank   |
| 7 | Air   |
| 8 | Steam   |
| 9 | Type of power operation, not elsewhere classified (include combinations of types referred to above) |

**SUPPLEMENTARY CODE 31-9 FOR BODY MATERIAL OF VALVES TO BE USED IN GROUPS 31 9610, 31 9620, AND 31 9630**

- |   |   |
|---|---|
| 1 | Cast iron (include ferrostee)             |
| 2 | Malleable iron                            |
| 3 | Steel, cast (include stainless, cast)     |
| 3 | Steel, forged (include stainless, forged) |
| 5 | Bar, ferrous and non-ferrous              |
| 6 | Copper-base alloy                         |
| 7 | Aluminum and aluminum-base alloy          |
| 8 | Monel                                     |
| 9 | Body material, not elsewhere classified   |

**SUPPLEMENTARY CODE 31-10 FOR TRIM AND LINING MATERIAL OF VALVES TO BE USED IN GROUPS 31 9610, 31 9620, AND 31 9630**

- |   |   |
|---|---|
| 1 | Iron  |
| 2 | Steel, except stainless                             |
| 3 | Stainless steel                                     |
| 4 | Stellite  |
| 5 | Copper-base alloy                                   |
| 6 | Rubber and synthetic rubber substitute              |
| 7 | Composition (include asbestos)                      |
| 9 | Trim and lining materials, not elsewhere classified |

**SUPPLEMENTARY CODE 31-11 FOR PRESSURE RATING (POUNDS PER SQUARE INCH) OF VALVES TO BE USED IN GROUPS 31 9610, 31 9620, AND 31 9630**

10	For Iron Body
11	25 steam
12	50 water
13	100 water
14	125 steam
15	150-200 steam and water
16	250 steam and water
17	300 steam
18	500 water
19	800 water
20	For Brass Body
21	100 steam
22	125 steam
23	150 steam
24	200 steam
25	300 steam
26	1000 steam
30	For Steel Body
31	150 steam
32	300 steam
33	600 steam
34	900 steam
35	1500 steam

**SUPPLEMENTARY CODE 31-12 FOR END CONNECTION OF VALVES TO BE USED IN GROUPS 31 9610, 31 9620, AND 31 9630**

1	Screwed
2	Flanged
3	Hub
4	Soldered
5	Flared
6	Union
7	Welded
9	End connection, not elsewhere classified (include Victaulic, Dresser, Universal)



## MAJOR GROUP 32—ELECTRICAL MACHINERY AND APPARATUS

32 0000	<i>ELECTRICAL MACHINERY AND APPARATUS</i>
32 1000	<i>ELECTRICAL ROTATING EQUIPMENT</i>
32 1100	<i>Generators (Dynamos)<sup>1, 2</sup></i>
32 1110	Alternating current <sup>3</sup>
32 1111	Navy type (shock proof)
32 1112	Maritime type
32 1113	Commercial and industrial type
	32 11131 Engine type (include belt driven)
	32 11132 Steam turbine type
	32 11133 Water turbine (water wheel) type
32 1120	Direct current <sup>4</sup>
32 1121	Navy type (shock proof)
32 1122	Maritime type
32 1123	Commercial and industrial type
	32 11231 Engine type (include belt driven)
	32 11232 Steam turbine type
	32 11233 Water turbine (water wheel) type
32 1200	<i>Generator-Set Units (Include Ordnance Generating Units)<sup>1, 2</sup></i>
32 1210	Steam engine powered
32 1211	Alternating current <sup>3</sup>
32 1212	Direct current <sup>4</sup>
32 1220	Steam turbine powered
32 1221	Alternating current <sup>3</sup>
	32 12211 Direct connected
	32 12212 Gear connected
32 1222	Direct current <sup>4</sup>
	32 12221 Direct connected
	32 12222 Gear connected
32 1230	Diesel engine powered
32 1231	Alternating current <sup>3</sup>
32 1232	Direct current <sup>4</sup>
32 1240	Carburetor engine powered
32 1241	Alternating current <sup>3</sup>
32 1242	Direct current <sup>4</sup>
32 1250	Gas turbine powered
32 1251	Alternating current <sup>3</sup>
32 1252	Direct current <sup>4</sup>
32 1260	Wind turbine powered
32 1261	Alternating current <sup>3</sup>
32 1262	Direct current <sup>4</sup>
32 1270	Mercury turbine powered
32 1271	Alternating current <sup>3</sup>
32 1272	Direct current <sup>4</sup>
32 1280	Motor-generators (include rotating battery chargers)
32 1281	Alternating current <sup>3</sup>
32 1282	Direct current <sup>4</sup>
32 1290	Generator-set units, not elsewhere classified (include Dual-drive)
32 1291	Alternating current <sup>3</sup>
32 1292	Direct current <sup>4</sup>

<sup>1</sup> See Supplementary Code 32-1 for size characteristics on page 287.

<sup>2</sup> See Supplementary Codes 32-2 for mechanical characteristics—frame and 32-3 for mechanical characteristics—structure on page 287.

<sup>3</sup> See Supplementary Code 32-4 for electrical characteristics on page 288.

<sup>4</sup> See Supplementary Code 32-5 for electrical characteristics on page 288.

# **ELECTRICAL MACHINERY AND APPARATUS—Continued**

## **ELECTRICAL ROTATING EQUIPMENT—Continued**

32 1300	<i>Motors</i> <sup>6</sup>
32 1310	Fractional horsepower (less than one horsepower) <sup>6</sup>
32 1311	Alternating current (single-phase and poly-phase) <sup>8</sup>
32 1312	Direct current <sup>4</sup>
32 1313	Universal
32 1319	Fractional horsepower (less than one horsepower), not elsewhere classified
32 1320	Integral horsepower (one horsepower and over) <sup>7</sup>
32 1321	Alternating current (single-phase and poly-phase) <sup>8</sup>
	32 13211 Navy type (shock proof)
	32 13212 Maritime type
	32 13213 Commercial and industrial type
32 1322	Direct current <sup>4</sup>
	32 13221 Navy type (shock proof)
	32 13222 Maritime type
	32 13223 Commercial and industrial type
32 1400	<i>Rotating Converters</i> <sup>8</sup>
32 1410	Frequency changers
32 1420	Rotary converters
32 1430	Dynamotors
32 1490	Rotating converters, not elsewhere classified
32 1500	<i>Electrical Rotating Equipment Parts</i>
32 1510	Armatures
32 1520	Commutators
32 1530	Starting mechanisms (mechanical)
32 1540	Frames
32 1541	Cast iron
32 1542	Steel
32 1543	Aluminum
32 1544	Magnesium
32 1549	Frames, not elsewhere classified
32 1550	Field, stator, and armature coils
32 1590	Electrical rotating equipment parts, not elsewhere classified
32 1900	<i>Miscellaneous Electrical Rotating Equipment</i>
32 1910	Amplidynes
32 1920	Selsyns, antosyns, and synchro-motors
32 1930	High-frequency generators
32 1940	Dynamometers
32 1941	Eddy current
32 1942	Driving
32 1990	Electrical rotating equipment, not elsewhere classified
32 2000	<b>PRIMARY ELECTRIC POWER TRANSMISSION AND DISTRIBUTION EQUIPMENT</b>
32 2100	<i>Switchgear</i>
32 2110	Oil circuit breakers
32 2111	Indoor
32 2112	Outdoor
32 2120	Air circuit breakers (switchgear)
32 2130	Switchboards and cubicles
32 2140	Control, relay, and metering panels
32 2141	Generator panels
32 2142	Transformer panels
32 2143	Feeder circuit panels
32 2150	Network protectors
32 2160	Air break switches (2300 volts and over)
32 2170	Power fuse mountings
32 2190	Switchgear, not elsewhere classified

<sup>2</sup> See Supplementary Code 32-4 for electrical characteristics on page 288.

<sup>4</sup> See Supplementary Code 32-5 for electrical characteristics on page 288.

<sup>6</sup> See Supplementary Codes 32-2 for mechanical characteristics—frame and 32-3 for mechanical characteristics—structure on pages 287 and 288.

<sup>7</sup> See Supplementary Code 32-6 for size characteristics on page 288.

<sup>8</sup> See Supplementary Code 32-7 for size characteristics on page 288.

<sup>9</sup> See Supplementary Code 32-1 for size characteristics on page 287.

# **ELECTRICAL MACHINERY AND APPARATUS—Continued**

## **PRIMARY ELECTRIC POWER TRANSMISSION AND DISTRIBUTION EQUIPMENT—Continued**

- 32 2200 *Transformers*
- 32 2210 Power and distribution
- 32 2220 Constant current
- 32 2230 Induction voltage regulators
- 32 2240 Instrument
- 32 2241 Indoor
- 32 2242 Outdoor
- 32 2290 Transformers, not elsewhere classified
- 32 2300 *Transmission and Substation Equipment*
- 32 2310 Pole line hardware
- 32 2320 Cable terminals and potheads
- 32 2330 Cable junction and splice boxes
- 32 2340 Capacitors, station type (2300 volts and over)
- 32 2350 Enclosed bus structures (include Busbar)
- 32 2360 Bus supports and bus fittings
- 32 2370 Carrier current equipment (power-line)
- 32 2390 Transmission and substation equipment, not elsewhere classified
- 32 2400 *Protective Equipment*
- 32 2410 Lightning arrestors
- 32 2420 Current limiting reactors (air core)
- 32 2430 Relays
- 32 2431 Current
- 32 2432 Voltage
- 32 2433 Power
- 32 2490 Protective equipment, not elsewhere classified
- 32 3000 **POWER CONVERSION EQUIPMENT (NON-ROTATING RECTIFIERS) (INCLUDE NON-ROTATING BATTERY CHARGERS)**
- 32 3100 *Mercury Arc Rectifiers*
- 32 3110 Steel tank type
- 32 3120 Glass tank type
- 32 3200 *Hot Cathode Rectifiers*
- 32 3210 High voltage (High vacuum)
- 32 3220 Gas filled
- 32 3290 Hot cathode rectifiers, not elsewhere classified
- 32 3300 *Junction Rectifiers (Include Metallic Oxide)*
- 32 3400 *Mechanical Rectifiers (Vibrating)*
- 32 3500 *Electrolytic Rectifiers*
- 32 3600 *Cold Cathode Rectifiers*
- 32 3900 *Power Conversion Equipment (Non-Rotating Rectifiers), Not Elsewhere Classified*
- 32 4000 **ELECTRIC EQUIPMENT FOR INTERNAL-COMBUSTION ENGINES**
- 32 4100 *Generators (Battery Charging Type)*
- 32 4110 Aircraft
- 32 4120 Except aircraft
- 32 4200 *Generator Regulators and Cutout Relays*
- 32 4300 *Starter Motors*
- 32 4310 Aircraft
- 32 4320 Except aircraft
- 32 4400 *Starter Motor Controls*
- 32 4500 *Ignition Equipment*
- 32 4510 Spark plugs
- 32 4511 Ceramic
- 32 4512 Mica
- 32 4520 Distributors
- 32 4530 Coils
- 32 4540 Ignition harness
- 32 4550 Megnetos
- 32 4551 Aircraft engine type
- 32 4552 Motor vehicle engine type
- 32 4590 Ignition equipment, not elsewhere classified
- 32 4900 *Electrical Equipment for Internal-Combustion Engines, Not Elsewhere Classified*



# *ELECTRICAL MACHINERY AND APPARATUS—Continued*

## SECONDARY DISTRIBUTION EQUIPMENT AND WIRING DEVICES

### *Fuses*

32 5000	High voltage power fuses (over 600 volt rating)
32 5100	Up to 7.5 kilovolts
32 5110	Over 7.5 to 15 kilovolts
32 5111	Over 15 to 23 kilovolts
32 5112	Over 23 to 35 kilovolts
32 5113	Over 35 kilovolts
32 5114	Cartridge fuses, railway type (600 volt rating) <sup>9</sup>
32 5115	Ferrule contact, renewable
32 5120	Ferrule contact, non-renewable
32 5121	Knife blade contact, renewable
32 5122	Knife blade contact, non-renewable
32 5123	Cartridge fuses, railway type (600 volt rating), not elsewhere classified
32 5124	Cartridge fuses (250 volt rating) <sup>9</sup>
32 5129	Ferrule contact, renewable
32 5130	Ferrule contact, non-renewable
32 5131	Knife blade contact, renewable
32 5132	Knife blade contact, non-renewable
32 5133	Cartridge fuses (250 volt rating), not elsewhere classified
32 5134	Plug fuses (125 volt rating) <sup>9</sup>
32 5139	Renewable, single link
32 5140	Non-renewable, single link
32 5141	Time delay
32 5142	Multiple link
32 5143	Plug fuses (125 volt rating), not elsewhere classified
32 5144	Miniature fuses, radio and automotive <sup>9</sup>
32 5149	Fuse links
32 5150	Plug fuse links, 125 volt
32 5160	Cartridge fuse links, 250 volt
32 5161	Cartridge fuse links, 600 volt
32 5162	Fuse links, not elsewhere classified
32 5163	<i>Junction and Outlet Boxes, and Box Covers</i>
32 5169	Octagonal and round
32 5200	Square and rectangular
32 5210	Screwed conduit fittings
32 5220	Sectional switch boxes
32 5230	Floor boxes
32 5240	Covers
32 5250	Junction and outlet boxes, not elsewhere classified
32 5260	<i>Lamp Sockets and Holders (With and Without Caps)</i>
32 5290	Screw socket bodies <sup>10</sup>
32 5300	Miniature screw
32 5310	Candelabra
32 5311	Medium
32 5312	Mogul, 2-contact
32 5313	Mogul, 3-contact
32 5314	Screw socket bodies, not elsewhere classified
32 5315	Bayonet socket bodies <sup>10</sup>
32 5319	Miniature
32 5320	Candelabra
32 5321	Medium
32 5322	Bayonet socket bodies, not elsewhere classified
32 5323	Bipost socket bodies <sup>10</sup>
32 5329	Medium bipost
32 5330	Mogul bipost
32 5331	Lumline and fluorescent-lamp holders
32 5332	Lumline-lamp holders and caps
32 5340	Fluorescent-lamp holders
32 5341	Fluorescent starter sockets
32 5342	Lamp holder socket caps
32 5343	Brass
32 5380	
32 5381	

<sup>9</sup> See Supplementary Code 32-8 for ampere rated capacity on page 288.

<sup>10</sup> See Supplementary Code 32-9 for switch operation on page 290. See Supplementary Code 32-10 for material on page 290.

<b>ELECTRICAL MACHINERY AND APPARATUS—Continued</b>	
<b>SECONDARY DISTRIBUTION EQUIPMENT AND WIRING DEVICES—Con.</b>	
<b>Lamp Sockets and Holders (With and Without Caps)—Continued</b>	
	Lamp holder socket caps—Continued
32 5382	Porcelain
32 5389	Lamp holder socket caps, not elsewhere classified
32 5390	Lamp sockets and holders (with and without caps), not elsewhere classified
32 5400	<b>Convenience and Power Outlets</b>
32 5410	Floor outlets
32 5411	Flush
32 5419	Floor outlets, not elsewhere classified
32 5420	Two-wire convenience outlets
32 5421	Flush type, including single, multiple, and radio antenna
32 5422	Motor-base (prong type)
32 5423	Surface
32 5424	Fan and clock
32 5429	Two-wire convenience outlets, not elsewhere classified
32 5450	Three-wire convenience outlets
32 5451	Flush
32 5452	Motor-base (prong type)
32 5453	Surface
32 5459	Three-wire convenience outlets, not elsewhere classified
32 5500	<b>Switches and Fuse Cutouts</b>
32 5510	Flush tumbler switches (include toggle switches)
32 5511	Heavy-duty (over 30 amperes)
32 5512	Except heavy-duty (up to 30 amperes)
	32 55121 Regular single pole
	32 55122 Regular double pole
	32 55123 Regular three-way
	32 55124 Regular four-way
	32 55125 Lock type
	32 55126 Electroliner
32 5520	Surface rotary switches
32 5521	Heavy-duty (over 30 amperes)
32 5522	Except heavy-duty (up to 30 amperes)
32 5530	Through-cord pendant and surface pull switches
32 5540	Safety switches
32 5550	Knife switches
32 5560	Air circuit breakers (600 volts and under)
32 5570	Fuse cutouts and fuse cutouts with switches
32 5571	Plug fuse cutouts with switches
32 5572	Plug fuse cutouts without switches
32 5573	Enclosed fuse cutouts
32 5579	Fuse cutouts and fuse cutouts with switches, not elsewhere classified
32 5600	<b>Plug Caps and Connector Bodies</b>
32 5610	Plug caps
32 5611	Parallel blade
32 5612	Except parallel blade
32 5620	Connector bodies
32 5621	Miniature
32 5622	Except miniature
32 5690	Plug caps and connector bodies, not elsewhere classified
32 5700	<b>Switch and Outlet Plates</b>
32 5710	Brass
32 5720	Glass
32 5730	Plastic and rubber compound
32 5790	Switch and outlet plates, not elsewhere classified
32 5800	<b>Distribution and Lighting Panelboards</b>
32 5900	<b>Miscellaneous Wiring Devices</b>
32 5910	Wire connectors
32 5911	Solderless connectors
32 5912	Soldering lugs
32 5920	Connectors and bushings
32 5921	BX connectors
32 5922	Chase nipples (Bushings)
32 5930	Box hangers and similar installation devices
32 5940	Capacitors (600 volts and under)

**ELECTRICAL MACHINERY AND APPARATUS—Continued**  
**SECONDARY DISTRIBUTION EQUIPMENT AND WIRING DEVICES—Con.**  
*Miscellaneous Wiring Devices—Continued*

- 32 5950 Bell transformers
- 32 5960 Neon tube (Cold cathode) transformers
- 32 5990 Wiring devices, not elsewhere classified
- 32 6000 **MOTOR STARTERS AND CONTROLLERS**
- 32 6100 *Manually and Magnetically (Push-Button) Operated*
- 32 6110 Alternating current
- 32 6111 Navy type
- 32 6112 Maritime type
- 32 6113 Commercial and industrial type
- 32 6120 Direct current
- 32 6121 Navy type
- 32 6122 Maritime type
- 32 6123 Commercial and industrial type
- 32 6200 *Electronic Operated*
- 32 6210 Alternating current
- 32 6211 Navy type
- 32 6212 Maritime type
- 32 6213 Commercial and industrial type
- 32 6220 Direct current
- 32 6221 Navy type
- 32 6222 Maritime type
- 32 6223 Commercial and industrial type
- 32 6800 *Motor Starter and Controller Accessories*
- 32 6810 Push-button stations
- 32 6820 Temperature overload relays
- 32 6830 Load indicators
- 32 6840 Master switches
- 32 6850 Limit switches
- 32 6860 Float switches
- 32 6870 Pressure and vacuum switches
- 32 6880 Brakes, electrically operated
- 32 6890 Motor starter and controller accessories, not elsewhere classified
- 32 7000 **ELECTRIC LAMPS (BULBS, TUBES AND RELATED LIGHT SOURCES)**
- 32 7100 *Carbon-Filament Incandescent Lamps*
- 32 7110 Miniature base
- 32 7120 Candelabra base
- 32 7130 Medium base
- 32 7140 Mogul base
- 32 7200 *Metal-Filament Incandescent Lamps (General Lighting)*
- 32 7210 Miniature screw base
- 32 7220 Candelabra screw base
- 32 7230 Medium screw base
- 32 7240 Mogul screw base
- 32 7250 3-contact mogul base
- 32 7260 Bayonet base
- 32 7270 Medium bipost base
- 32 7280 Mogul bipost base
- 32 7290 Metal-filament incandescent lamps (general lighting), not elsewhere classified
- 32 7300 *Aviation Service Lamps*
- 32 7310 L-type lamps, sealed beam
- 32 7390 Aviation service lamps, not elsewhere classified
- 32 7400 *Motion-Picture and Projection Lamps*
- 32 7410 Candelabra screw base
- 32 7420 Candelabra prefocused base
- 32 7430 Medium screw base
- 32 7440 Medium prefocused base
- 32 7450 Mogul screw base
- 32 7460 Mogul prefocused base
- 32 7490 Motion-picture and projection lamps, not elsewhere classified
- 32 7500 *Series-Lighting Lamps (Street Lighting)*
- 32 7600 *Miniature Lamps (Low-Voltage)*
- 32 7610 Automotive, 6-8 volt
- 32 7611 L-type, sealed beam
- 32 7612 Automotive, except L-type



**ELECTRICAL MACHINERY AND APPARATUS—Continued**

**ELECTRIC LAMPS (BULBS, TUBES AND RELATED LIGHT SOURCES)—Con.**

*Miniature Lamps (Low-Voltage)—Continued*

- 32 7620 Automotive, 12-16 volt
- 32 7621 L-type, sealed beam
- 32 7622 Automotive, except L-type
- 32 7630 Flashlight and hand lantern lamps
- 32 7631 2.2 volt (for pen light)
- 32 7632 2.3-2.5 volt (for 2-cell fixture)
- 32 7633 3.6-3.8 volt (for 3-cell fixture)
- 32 7634 5.0 volt (for 4-cell fixture)
- 32 7635 6.2 volt (for 5-cell fixture)
- 32 7640 Telephone signal lamps
- 32 7650 Radio panel lamps
- 32 7660 Christmas tree lamps (series)
- 32 7690 Miniature lamps (low-voltage), not elsewhere classified
- 32 7700 *Mercury-Vapor Lamps*
- 32 7710 Fluorescent
- 32 7720 Germicidal
- 32 7730 Sun lamps
- 32 7740 High intensity lamps
- 32 7750 Laboratory arc
- 32 7760 Cooper-Hewitt
- 32 7790 Mercury-vapor lamps, not elsewhere classified
- 32 7800 *Neon Type Lamps and Tubes*
- 32 7900 *Miscellaneous Electric Lamps*
- 32 7910 Glow lamps
- 32 7920 Lumline lamps
- 32 7930 Infra-red heat lamps, incandescent
- 32 7940 Photo-flash lamps
- 32 7950 Photo-flood lamps
- 32 7990 Electric lamps, not elsewhere classified

**ELECTRIC APPLIANCES, HOUSEHOLD AND COMMERCIAL**

- 32 8100 *Table Appliances*
- 32 8110 Coffee makers
- 32 8111 Glass
- 32 8112 Metal
- 32 8120 Toasters
- 32 8121 Automatic (regulated timing)
- 32 8122 Manual (unregulated timing)
- 32 8130 Sandwich toasters and grills
- 32 8140 Waffle irons
- 32 8150 Chafing dishes
- 32 8160 Egg cookers
- 32 8190 Table appliances, not elsewhere classified
- 32 8200 *Personal and Massage Appliances*
- 32 8210 Electric razors (Dry shavers)
- 32 8220 Curling irons
- 32 8230 Exercisers
- 32 8240 Violet-ray units (high-voltage induction equipment)
- 32 8250 Heating pads
- 32 8260 Vibrators and massage machines
- 32 8290 Personal and massage appliances, not elsewhere classified
- 32 8300 *Labor-Saving Appliances*
- 32 8310 Vacuum cleaners
- 32 8311 Stationary
- 32 8312 Portable
  - 32 831210 Tank type
  - 32 831211 Commercial
  - 32 831212 Household
  - 32 831220 Bag type
  - 32 831221 Commercial
  - 32 831222 Standard household
  - 32 831223 Miniature household
- 32 8320 Electric irons
- 32 8321 Travel and boudoir

**ELECTRICAL MACHINERY AND APPARATUS—Continued**  
**ELECTRIC APPLIANCES, HOUSEHOLD AND COMMERCIAL—Continued**  
*Labor-Saving Appliances—Continued*

<b>Electric irons—Continued</b>	
32 8322	Standard household
32 832210	Thermostat-controlled heat
32 832211	Under 5 pounds
32 832212	5 pounds and over
32 832220	Continuous heat
32 832221	Under 5 pounds
32 832222	5 pounds and over
32 8323	Tailor type
32 8324	Laundry type
32 8325	Hatters' and milliners'
32 8329	Electric irons, not elsewhere classified
32 8400	<i>Kitchen Cooking Appliances</i>
32 8410	Ranges
32 8420	Ovens
32 8430	Roasters
32 8440	Deep-fat friers
32 8450	Hot plates
32 8490	Kitchen cooking appliances, not elsewhere classified
32 8500	<i>Food-Preparation Appliances, Household and Commercial</i>
32 8510	Food mixers
32 8520	Fruit juice extractors
32 8530	Choppers (Desiccators)
32 8540	Corn poppers
32 8550	Drink mixers and whippers
32 8560	Coffee mills
32 8590	Food-preparation appliances, household and commercial, not elsewhere classified
32 8600	<i>Electrotherapeutic Appliances (Ultra-violet and Infra-red Radiation)</i>
32 8610	Carbon-arc lamp units
32 8620	Mercury-arc lamp units
32 8630	Incandescent (Infra-red) lamp units
32 8640	CX-lamp units
32 8690	Electrotherapeutic appliances, not elsewhere classified
32 8700	<i>Electric Heating Appliances</i>
32 8710	Water heaters
32 8711	Side-arm (Circulation)
32 8712	Immersion
32 8713	Instantaneous
32 8714	Clamp-on units
32 8719	Water heaters, not elsewhere classified
32 8720	Heat radiation appliances
32 8721	Radiant type
32 8722	Fan type
32 8723	Blanket type
32 8729	Heat radiation appliances, not elsewhere classified
32 8800	<i>Fans, Household and Commercial</i>
32 8810	Ceiling fans
32 8820	Wall bracket and desk fans
32 8821	Oscillating
32 8822	Non-oscillating
32 8830	Pedestal fans
32 8831	Oscillating
32 8832	Non-oscillating
32 8890	Fans, household and commercial, not elsewhere classified
32 8891	Oscillating
32 8892	Non-oscillating
32 8900	<i>Electric Appliances, Household and Commercial, Not Elsewhere Classified</i>
32 9000	<b>MISCELLANEOUS ELECTRICAL EQUIPMENT</b>
32 9100	<i>Dry Cell Batteries</i>
32 9110	General purpose
32 9111	Single unit
32 9112	Multiple unit

*ELECTRICAL MACHINERY AND APPARATUS—Continued*

*MISCELLANEOUS ELECTRICAL EQUIPMENT—Continued*

*Dry Cell Batteries—Continued*

- 32 9120 Flashlight batteries
- 32 9121 Standard 1½" diameter
- 32 9122 Pen light
- 32 9129 Flashlight batteries, not elsewhere classified
- 32 9130 "A", "B", and "C" batteries
- 32 9140 Hearing-aid batteries
- 32 9190 Dry cell batteries, not elsewhere classified

*Storage Batteries*

- 32 9210 Lead-acid
  - 32 9211 Automotive type
  - 32 9212 Communication type
  - 32 9213 Farm-lighting type
  - 32 9214 Power type
  - 32 9215 Marine type
  - 32 9219 Lead-acid storage batteries, not elsewhere classified
- 32 9220 Alkaline (Edison batteries)
  - 32 9221 Automotive type
  - 32 9222 Communication type
  - 32 9223 Farm-lighting type
  - 32 9229 Alkaline (Edison batteries), not elsewhere classified
- 32 9290 Storage batteries, not elsewhere classified

*Primary Wet Cells*

*Electrolytic Cell Units (Castner and Hall Types)*

*Nitrogen Fixation Furnaces (Prefabricated Component Parts)*

*Lifting and Holding Electromagnets*

*Electronic Control Devices, Except Radio and Radar*

- 32 9710 Regulating and adjusting
- 32 9720 Detecting
- 32 9730 Inspecting and comparing
- 32 9740 Recording
- 32 9790 Electronic control devices, except radio and radar, not elsewhere classified

*Electrical Equipment, Not Elsewhere Classified*

**SUPPLEMENTARY CODE 32-1 SIZE CHARACTERISTICS (32 1100; 32 1200; 32 1400)**

	KVA	KW
1		Less than 2½
2		2½ to less than 100
3		100 to less than 600
4	750 to less than 1500	600 to less than 1200
5	1500 to less than 2500	1200 to less than 2000
6	2500 to less than 4000	2000 to less than 3200
7	4000 to less than 6000	3200 to less than 4800
8	6000 to less than 10,000	4800 to less than 8000
9	10,000 and over	8000 and over

**SUPPLEMENTARY CODE 32-2 MECHANICAL CHARACTERISTICS—FRAME (32 1100; 32 1200; 32 1300)**

1	Open (general purpose)
2	Protected and semi-protected
3	Drip-proof (include drip-proof protected)
4	Splash-proof
5	Totally-enclosed (include totally-enclosed fan-cooled)
6	Explosion-proof
7	Water-proof
8	Dust-tight
9	Submersible



**SUPPLEMENTARY CODE 32-3 MECHANICAL CHARACTERISTICS—  
STRUCTURE (32 1100; 32 1200; 32 1300)**

- |   |  |
|---|--|
| 1 | General purpose  |
| 2 | Geared   |
| 3 | Mill type  |
| 4 | High shock test  |
| 9 | Mechanical characteristics-structure, not elsewhere classified |

**SUPPLEMENTARY CODE 32-4 ELECTRICAL CHARACTERISTICS (32 1110; 32 1211; 32 1221; 32 1231; 32 1241; 32 1251; 32 1261; 32 1271; 32 1281; 32 1291; 32 1311; 32 1321)**

- |   |  |
|---|--|
| 1 | Synchronous (include synchronous condensers)         |
| 2 | Induction, squirrel cage                             |
| 3 | Induction, wound rotor (slipring)                    |
| 4 | Repulsion  |
| 5 | Capacitor  |
| 6 | Repulsion-induction                                  |
| 7 | Split phase  |
| 9 | Electrical characteristics, not elsewhere classified |

**SUPPLEMENTARY CODE 32-5 ELECTRICAL CHARACTERISTICS (32 1120; 32 1212; 32 1222; 32 1232; 32 1242; 32 1252; 32 1262; 32 1272; 32 1282; 32 1292; 32 1312; 32 1322)**

- |   |          |
|---|----------|
| 1 | Shunt    |
| 2 | Series   |
| 3 | Compound |

**SUPPLEMENTARY CODE 32-6 SIZE CHARACTERISTICS (32 1310)**

*Fractional horsepower*

- |   |   |
|---|---|
| 1 | Less than $\frac{1}{8}$                         |
| 2 | $\frac{1}{8}$                                   |
| 3 | $\frac{1}{4}$                                   |
| 4 | $\frac{1}{2}$                                   |
| 5 | $\frac{3}{4}$                                   |
| 6 | $1\frac{1}{2}$                                  |
| 9 | Fractional horsepower, not elsewhere classified |

**SUPPLEMENTARY CODE 32-7 SIZE CHARACTERISTICS (32 1320)**

*Integral horsepower*

- |   |                           |
|---|---------------------------|
| 1 | 1 to 5                    |
| 2 | Over 5 to $7\frac{1}{2}$  |
| 3 | Over $7\frac{1}{2}$ to 10 |
| 4 | Over 10 to 20             |
| 5 | Over 20 to 50             |
| 6 | Over 50 to 200            |
| 7 | Over 200 to 500           |
| 8 | Over 500 to 1750          |
| 9 | Over 1750                 |

**SUPPLEMENTARY CODE 32-8 AMPERE RATED CAPACITY (32 5120; 32 5130; 32 5140; 32 5150)**

- |   |                                      |
|---|--------------------------------------|
| 1 | Up to 5 amperes rated capacity       |
| 2 | 6 to 15 amperes rated capacity       |
| 3 | 16 to 31 amperes rated capacity      |
| 4 | 32 to 69 amperes rated capacity      |
| 5 | 70 to 101 amperes rated capacity     |
| 6 | 102 to 201 amperes rated capacity    |
| 7 | 202 to 401 amperes rated capacity    |
| 8 | 402 to 601 amperes rated capacity    |
| 9 | More than 601 amperes rated capacity |

SUPPLEMENTARY CODE 32-9 SWITCH OPERATION (32 5310; 32 5320;  
32 5330)

- |   |                   |
|---|-------------------|
| 1 | Keyless           |
| 2 | Turnkey switch    |
| 3 | Pull-chain switch |
| 4 | Push switch       |
| 5 | Lock switch       |
| 9 | Other             |

SUPPLEMENTARY CODE 32-10 MATERIAL (32 5310; 32 5320; 32 5330)

- |   |                     |
|---|---------------------|
| 1 | Brass shell         |
| 2 | Porcelain shell     |
| 3 | Porcelain cleat     |
| 4 | Sign and outlet box |
| 5 | Weatherproof        |
| 9 | Other               |

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## MAJOR GROUP 33—SPECIAL INDUSTRY MACHINERY (MACHINERY FOR SELECTED INDUSTRIES REQUIRING SPECIALIZED MACHINES)

- 33 0000 *SPECIAL INDUSTRY MACHINERY (MACHINERY FOR SELECTED INDUSTRIES REQUIRING SPECIALIZED MACHINES)*
- 33 1000 **FOOD PRODUCTS MACHINERY**
- 33 1100 *Meat-Packing-House Machinery and Equipment*
- 33 1110 Slaughtering equipment
- 33 1111 Knocking pens
- 33 1112 Animal hoists
- 33 1113 Fittings and accessories for packing house conveyor systems (include shackles, gambrels)
- 33 1114 Scalders
- 33 1115 Dehairing equipment
- 33 1116 Cutting, preparing, eviscerating, and gambreling tables
- 33 1117 Carcass and parts washing equipment
- 33 1118 Equipment for preparation of parts of carcasses (include head and foot splitters, tooth removers, foot cleaners, shoulder cutters, belly rollers, skinner and similar equipment)
- 33 1119 Slaughtering equipment, not elsewhere classified
- 33 1120 Inspection equipment for meat packing houses (include inspection racks, inspection tables and similar inspection equipment)
- 33 1130 Meat curing and smoking equipment
- 33 1140 Casing preparing equipment
- 33 1150 Poultry pickers or pluckers
- 33 1190 Meat-packing house machinery and equipment, not elsewhere classified
- 33 1200 *Canning Plant Machinery for Food Products, Except Can and Container Making and Closing Machines*
- 33 1210 Shellers, huskers, hullers, podders, and viners
- 33 1220 Peeling and paring machines
- 33 1230 Graders and sorters
- 33 1240 Pitters, seeders, and stemmers
- 33 1250 Blanchers
- 33 1260 Pulpers
- 33 1270 Juice extractors
- 33 1290 Canning plant machinery and equipment (except can and container making and closing machines), not elsewhere classified
- 33 1300 *Dairy and Milk Product Plant Machinery Equipment, Except Farm Dairy Equipment*
- 33 1310 Fluid milk and cream handling equipment
- 33 1311 Milk storage, aging, and ripening tanks or vats
- 33 1312 Sanitary pipes and fittings for milk handling
- 33 1313 Milk coolers
- 33 1314 Milk clarifiers
- 33 1315 Cream separators, capacity over 1,500 pounds per hour
- 33 1316 Milk pasteurizers
- 33 1317 Homogenizers
- 33 1318 Milk can and milk bottle washers
- 33 1319 Fluid milk and cream handling equipment, not elsewhere classified
- 33 1320 Butter making and handling equipment
- 33 1321 Churns (except farm types) and butter workers
- 33 1322 Butter cutters
- 33 1329 Butter making and handling equipment, not elsewhere classified

**SPECIAL INDUSTRY MACHINERY—Continued**

**FOOD PRODUCTS MACHINERY—Continued**

*Dairy and Milk Product Plant Machinery Equipment, Except Farm Dairy Equipment—Continued*

- 33 1330 Ice cream manufacturing machinery and equipment
- 33 1331 Ice cream freezing machines
- 33 1332 Ice cream freezer attachments (include fruit feeders and filling attachments)
- 33 1333 Ice cream molds
- 33 1334 Ice cream mold fillers
- 33 1335 Ice cream brick cutters
- 33 1339 Ice cream manufacturing machinery and equipment, not elsewhere classified
- 33 1340 Cheese making equipment
- 33 1341 Cheese vats
- 33 1342 Cheese forking equipment
- 33 1343 Curd mills
- 33 1344 Cheese paraffining equipment
- 33 1345 Cheese hoops
- 33 1349 Cheese making equipment, not elsewhere classified
- 33 1390 Dairy and milk product plant machinery equipment (except farm dairy equipment), not elsewhere classified

*Cereal Manufacturing Machines*

- 33 1400 Flour mill machines
- 33 1410 Oatmeal mill machines
- 33 1420 Grist mill machines
- 33 1430 Rice mill machines
- 33 1440 Bakery machines (include doughnut machines)
- 33 1450 Macaroni products machines
- 33 1460 Cereal manufacturing machines, not elsewhere classified

*Confectionery Machinery*

*Vegetable Oil Mill Machinery*

*Beverage Industries Machinery*

- 33 1810 Distillery machinery and equipment
- 33 1820 Brewery machinery and equipment
- 33 1830 Wine production machinery and equipment
- 33 1840 Carbonating machinery and equipment
- 33 1890 Beverage industries machinery, not elsewhere classified

*Miscellaneous Food Products Machinery*

- 33 1900 Fresh fruit and vegetable processing machinery and equipment
- 33 1910 Bottle washers, except milk bottle
- 33 1920 Food products machinery of general purpose
- 33 1931 Food slicing, chopping, dicing, and grating machines
- 33 1932 Food batch measuring machines
- 33 1933 Food mixing machines
- 33 1934 Food kneading machines
- 33 1935 Food whipping machines
- 33 1939 Food products machinery of general purpose, not elsewhere classified

- 33 1990 Food products machinery, not elsewhere classified

**TEXTILE INDUSTRIES MACHINERY**

*Plant-To-Fiber Machinery*

- 33 2100 Cotton ginning machinery
- 33 2111 Cleaners
- 33 2112 Extractors
- 33 2113 Feeders
- 33 2114 Gins
  - 33 21141 Saw
  - 33 21142 Roller
- 33 2115 Condensers
- 33 2119 Cotton ginning machinery, not elsewhere classified
- 33 2120 Flax scutching machinery
- 33 2121 Breakers
- 33 2122 Scutchers
- 33 2123 2-unit scutchers (combined breaker and scutcher)
- 33 2190 Plant-to-fiber machinery, not elsewhere classified

*SPECIAL INDUSTRY MACHINERY*—Continued

*TEXTILE INDUSTRIES MACHINERY*—Continued

*Fiber-To-Fabric Machinery*

Cleaning and opening machinery

For cotton

- 33 22111 Feeders
- 33 22112 Breakers
- 33 22113 Vertical openers
- 33 22114 Lattice openers
- 33 22115 Reserve boxes
- 33 22116 Pickers
- 33 22117 Condensers
- 33 22119 Cleaning and opening machinery for cotton, not elsewhere classified

For wool

- 33 22121 Wool dusters
- 33 22122 Wool washing machines
- 33 22123 Burr machines
- 33 22124 Carbonizing machines
- 33 22125 Pickers
- 33 22126 Garnett machines
- 33 22127 Rag shakers
- 33 22128 Rag grinders
- 33 22129 Cleaning and opening machinery for wool, not elsewhere classified

Cleaning and opening machinery for fibers, except cotton and wool

- 33 22131 Hacklers
- 33 22132 Oilers
- 33 22139 Cleaning and opening machinery for fibers, except cotton and wool, not elsewhere classified

Carding machinery

Cotton

Worsted

Woolen

Tape condensers

Apron condensers

Carding machinery, not elsewhere classified

Combing machinery

Sliver lap machines

Ribbon lap machines

Cotton combs

Ball winders

Wool combs

- 33 22351 Noble
- 33 22352 French
- 33 22359 Wool combs, not elsewhere classified

Combing machinery, not elsewhere classified

Drawing and roving frames

Drawing and preparing machines

- 33 22411 Wool preparing gill boxes
- 33 22412 Drawing frames
- 33 22413 Gill drawing boxes
- 33 22414 Intersecting gill boxes

Roving frames

- 33 22421 Ring
- 33 22422 Flyer
- 33 22429 Roving frames, not elsewhere classified

Hard fiber machines

- 33 22431 Breakers
- 33 22432 Spreaders
- 33 22439 Hard fiber machines, not elsewhere classified

Spinning and twisting frames

Spinning frames

- 33 22511 Ring
- 33 22512 Flyer
- 33 22513 Cap
- 33 22514 Mule



*SPECIAL INDUSTRY MACHINERY*—Continued

*TEXTILE INDUSTRIES MACHINERY*—Continued

*Fiber-To-Fabric Machinery*—Continued

Spinning and twisting frames—Continued

Spinning frames—Continued

- 33 22515 Jennies  
33 22519 Spinning frames, not elsewhere classified  
33 2252 Twisting frames

- 33 22521 Ring  
33 22522 Flyer  
33 22523 Cap  
33 22524 Uptwister  
33 22525 Doubler-twister  
33 22529 Twisting frames, not elsewhere classified

33 2260 Yarn preparing machinery

- 33 2261 Winding and spooling machines  
33 22611 Precision winders  
33 22612 Random winders (include automatic spoolers)  
33 22613 Spoolers, except automatic  
33 22619 Winding and spooling machines, not elsewhere classified

33 2262 Warpers

33 2263 Warper creels

33 2264 Slashers

33 2265 Beamers

33 2266 Quillers

33 2267 Reels

33 2268 Crabbing machines

33 2269 Yarn preparing machinery, not elsewhere classified

33 2270 Synthetic fiber spinning machinery (for filament extrusion)

33 2271 Viscose rayon yarn spinning machines

- 33 22711 Pot or bucket  
33 22712 Bobbin  
33 22713 Continuous  
33 22719 Viscose rayon yarn spinning machines, not elsewhere classified

33 2272 Acetate rayon yarn spinning machines

33 2273 Cuprammonium rayon yarn spinning machines

33 2274 Polymer spinning and drawing machines (nylon, polyvinyl, esters, and other polymers)

33 22741 Spinning machines

33 22742 Drawing machines

33 2275 Staple fiber spinning machines (rayon, casein, soybean, and other synthetic staple fiber)

33 2279 Synthetic fiber spinning machinery, not elsewhere classified

33 2300 *Fabric Machinery*

33 2310 Looms

33 2311 Looms for cotton, linen, rayon, or silk (over 12 inches)

33 23111 Non-automatic

33 23112 Automatic

33 2312 Looms for woollens and worsteds (over 12 inches)

33 23121 Over 50 inch

33 23122 50 inch and under

33 2313 Looms for carpets and rugs

33 231310  $\frac{3}{4}$  yd. and up

33 231311 Axminster

33 231312 Velvet

33 231319 Looms for carpets and rugs,  $\frac{3}{4}$  yd. and up, not elsewhere classified (include Smyrna, special sheen, and ingrain)

33 231320 Under  $\frac{3}{4}$  yd.

33 231321 Axminster

33 231322 Velvet

33 231329 Looms for carpets and rugs, under  $\frac{3}{4}$  yd., not elsewhere classified (include Smyrna, special sheep, and ingrain)

33 2314 Narrow fabric looms, 12 inches or less

33 2319 Looms, not elsewhere classified (include wire weaving looms and hand looms)

**SPECIAL INDUSTRY MACHINERY—Continued**

**TEXTILE INDUSTRIES MACHINERY—Continued**

***Fabric Machinery—Continued***

- 33 2320 Knitting machines
- 33 2321 Hosiery
  - 33 23211 Circular
  - 33 23212 Full-fashioned
  - 33 23219 Hosiery machines, not elsewhere classified
- 33 2322 Knitting machines, except hosiery
  - 33 23221 Circular
  - 33 23222 Flat
  - 33 23223 Warp
  - 33 23229 Knitting machines, except hosiery, not elsewhere classified
- 33 2330 Braiding machines
- 33 2331 Maypole type
- 33 2332 Yarn deflection (high speed) type
- 33 2333 Barmen lace braider
- 33 2340 Lace machines
- 33 2341 Levers machines
- 33 2342 Bobbinet machines
- 33 2343 Nottingham lace curtain machines
- 33 2349 Lace machines, not elsewhere classified
- 33 2350 Embroidery machines
- 33 2351 Hand
- 33 2352 Schiffli
- 33 2353 Bonnaz or Cornely type
- 33 2359 Embroidery machines, not elsewhere classified
- 33 2390 Fabric machinery, not elsewhere classified
- 33 2400 *Bleaching, Dyeing, and Finishing Machinery*
- 33 2410 Bleaching machinery
- 33 2411 Bleaching machines
- 33 2412 Kiers
- 33 2413 Chemicing and souring machines
- 33 2414 Washing machines
- 33 2415 Squeezers
- 33 2419 Bleaching machinery, not elsewhere classified
- 33 2420 Dyeing machinery
- 33 2421 Yarn dyeing machinery
  - 33 24211 Stock
  - 33 24212 Skein
  - 33 24213 Warp
  - 33 24214 Package
  - 33 24215 Beam
  - 33 24219 Yarn dyeing machinery, not elsewhere classified
- 33 2422 Cloth dyeing machinery
  - 33 24221 Compartment dyeing machines
  - 33 24222 Pad dyeing machines
  - 33 24223 Jigg dyeing machines
  - 33 24224 Continuous dyeing machines
  - 33 24229 Cloth dyeing machines, not elsewhere classified
- 33 2430 Cloth printing machinery
- 33 2431 Direct color
- 33 2432 Developed color
- 33 2439 Cloth printing machinery, not elsewhere classified
- 33 2440 Starching machinery
- 33 2441 Scutchers (except flax scutchers)
- 33 2442 Expanders
- 33 2443 Mangles
  - 33 24431 Water
  - 33 24432 Starch
  - 33 24433 Heavy starch (Tommy Dodd)
- 33 2449 Starching machinery, not elsewhere classified
- 33 2450 Dry finishing machinery
- 33 2451 Shearing
- 33 2452 Brushing
- 33 2453 Napping
- 33 2454 Calendering
- 33 2455 Singeing

**SPECIAL INDUSTRY MACHINERY—Continued**

**TEXTILE INDUSTRIES MACHINERY—Continued**

***Bleaching, Dyeing, and Finishing Machinery—Continued***

**Dry finishing machinery—Continued**

- 33 2456 Beetling
- 33 2459 Dry finishing machinery, not elsewhere classified
- 33 2460 Wet finishing machinery
- 33 2461 Steaming
- 33 2462 Dampening
- 33 2463 Decating
- 33 2464 Tentering
- 33 2465 Fulling
- 33 2466 Mercerizing
- 33 2467 Sanforizing
- 33 2469 Wet finishing machinery, not elsewhere classified
- 33 2470 Cloth handling machinery
- 33 2471 Inspecting
- 33 2472 Folding
- 33 2473 Rolling
- 33 2474 Pressing
- 33 2475 Doubling
- 33 2476 Measuring
- 33 2479 Cloth handling machinery, not elsewhere classified
- 33 2490 Bleaching, dyeing, and finishing machinery, not elsewhere classified

***Sewing Machinery, Industrial***

- 33 2500 General purpose
- 33 2510 Single needle
- 33 2512 Double needle
- 33 2513 Multiple needle
- 33 2520 Special purpose
- 33 2521 Button sewing
- 33 2522 Buttonhole and eyelet
- 33 2523 Fur sewing
- 33 2524 Blindstitch
- 33 2525 Overlock
- 33 2526 Bag closing and seaming
- 33 2527 Flatlock
- 33 2528 Shoe sewing machines
- 33 2529 Special purpose sewing machinery, not elsewhere classified
- 33 2600 ***Clothing and Other Fabric Working Machines***
- 33 2610 Button covering machines
- 33 2620 Cloth machines
- 33 2621 Cloth cutting
- 33 2622 Cloth drilling
- 33 2623 Cloth spreading
- 33 2630 Collar machines
- 33 2631 Collar pointing
- 33 2632 Collar and cuff turning
- 33 2640 Die creasing and folding machines
- 33 2650 Pressing machines
- 33 2660 Mattress machines
- 33 2661 Roll edge
- 33 2662 Filling
- 33 2663 Tape edge
- 33 2670 Metal button and fastener attaching machines
- 33 2690 Clothing and other fabric working machines, not elsewhere classified

***Cordage and Rope Machinery***

- 33 2700 Ropewalks
- 33 2710 Strand forming machines
- 33 2720 Rope laying machines
- 33 2730 Compound rope machines
- 33 2740 Cordage and rope machinery, not elsewhere classified
- 33 2790 ***Accessories and Parts for Textile Industries Machinery***
- 33 2800 For plant-to-fiber machinery
- 33 2810



*SPECIAL INDUSTRY MACHINERY*—Continued

TEXTILE INDUSTRIES MACHINERY—Continued

*Accessories and Parts for Textile Industries Machinery*—Con.

- 33 2820 For fiber-to-fabric machinery
- 33 2821 For carding machinery
  - 33 28211 Card clothing
  - 33 28212 Napper clothing
  - 33 28213 Garnet wire
  - 33 28219 Accessories and parts for carding machinery, not elsewhere classified
- 33 2822 For combing machinery
  - 33 28221 Comb circles
  - 33 28222 Comb pins
  - 33 28229 Accessories and parts for combing machinery, not elsewhere classified
- 33 2823 For drawing, roving, and spinning machinery
  - 33 28231 Spinning spindles
  - 33 28232 Spinning rings
  - 33 28233 Ring travelers
  - 33 28234 Faller pins
  - 33 28235 Rolls
  - 33 28239 Accessories and parts for drawing, roving, and spinning machinery, not elsewhere classified
- 33 2830 For fabric machinery
- 33 2831 For looms
  - 33 28311 Heddles
  - 33 28312 Heddle frames
  - 33 28313 Reeds
  - 33 28314 Picker sticks
  - 33 28315 Pickers
  - 33 28316 Lug straps (picker straps)
  - 33 28317 Shuttles
  - 33 28318 Warp stop motions
  - 33 28319 Accessories and parts for looms, not elsewhere classified
- 33 2832 For knitting machines, except needles
  - 33 28321 Jacks
  - 33 28322 Sinkers and web-holders
  - 33 28323 Needle beds
  - 33 28324 Yarn guides
  - 33 28325 Pile loop formers
  - 33 28326 Transfer devices
  - 33 28327 Stop motions
  - 33 28328 Beard pressers
  - 33 28329 Accessories and parts for knitting machines, not elsewhere classified
- 33 2833 For braiding machines
- 33 2834 For lace machines
  - 33 28341 Carriages
  - 33 28342 Bobbins
  - 33 28349 Accessories and parts for lace machines, not elsewhere classified
- 33 2835 For embroidery machines
  - 33 28351 Frames
  - 33 28352 Shuttles
  - 33 28353 Threading machines (for hand loom)
  - 33 28354 Pattern and punching machines
  - 33 28359 Accessories and parts for embroidery machines, not elsewhere classified
- 33 2836 Dobbies
- 33 2837 Jacquards
- 33 2840 For bleaching, dyeing, and finishing machinery
- 33 2850 For sewing machinery, except needles
- 33 2851 Shuttles
- 33 2859 Accessories and parts for sewing machines, not elsewhere classified
- 33 2860 For garment working machinery
- 33 2870 For cordage and rope machinery

**SPECIAL INDUSTRY MACHINERY—Continued**

**TEXTILE INDUSTRIES MACHINERY—Continued**

*Accessories and Parts for Textile Industries Machinery—Con.*

- 33 2880 Needles, except hand
- 33 2881 Sewing machine
  - 33 28811 Dry thread
  - 33 28812 Wax thread
  - 33 28819 Sewing machine needles, not elsewhere classified
- 33 2882 Knitting machine
  - 33 28821 Latch
  - 33 28822 Spring
- 33 2883 Embroidery machine
- 33 2889 Needles, except hand, not elsewhere classified ,
- 33 2890 Accessories and parts for textile industries machinery, not elsewhere classified
- 33 2900 *Textile Industries Machinery and Equipment, Not Elsewhere Classified*

**PULP AND PAPER INDUSTRIES MACHINERY**

- 33 3100 *Pulp Mill Machinery*
- 33 3110 Wood preparing machines
  - 33 3111 Barkers
  - 33 3112 Knotters and borers
  - 33 3113 Hogs
  - 33 3114 Chippers
  - 33 3115 Splitters
  - 33 3119 Wood preparing machines, not elsewhere classified
- 33 3120 Digestors
- 33 3140 Beaters, jordans, and refiners
- 33 3160 Deckers, thickeners, and wet machines
- 33 3170 Recovery room machines
- 33 3180 Bleaching equipment
- 33 3190 Pulp mill machinery, not elsewhere classified
- 33 3200 *Paper Mill Machinery*
- 33 3210 Paper machines
  - 33 3211 Fourdrinier
  - 33 3212 Cylinder
  - 33 3213 Combination
- 33 3220 Machine clothing
- 33 3230 Calenders
- 33 3240 Coating and finishing machinery
- 33 3250 Slitters and winders
- 33 3290 Paper mill machinery, not elsewhere classified
- 33 3300 *Paper Converting Machinery*
- 33 3310 Bag and envelope-making machines
- 33 3320 Box, carton, and other container-making machines
- 33 3330 Can and tube machinery
- 33 3340 Die-cutting and stamping machinery
- 33 3390 Paper converting machinery, not elsewhere classified
- 33 4000 **PRINTING-TRADES MACHINERY AND EQUIPMENT**

*Printing Presses*

- 33 4100 Platen
- 33 4110 Cylinder
- 33 4130 Rotary
  - 33 4131 Web fed
  - 33 4132 Sheet fed
- 33 4140 Proof
- 33 4150 Offset
- 33 4160 Embossing
- 33 4170 Engraving
- 33 4190 Printing presses, not elsewhere classified
- 33 4200 *Typesetting Machinery and Related Equipment*
- 33 4210 Typesetting and typesetting machinery
  - 33 4211 Slug line (Linotype and similar)
  - 33 4212 Single character (Monotype and similar)
  - 33 4213 Lead slug and rule casting machines
- 33 4220 Remelting furnaces and molds for type metal
- 33 4230 Mitering machines and saw trimmers

**SPECIAL INDUSTRY MACHINERY—Continued**

**PRINTING-TRADES MACHINERY AND EQUIPMENT—Continued**

*Typesetting Machinery and Related Equipment—Continued*

- 33 4240 Matrices, molds, and magazines for typesetting and typecasting machines
- 33 4290 Composing room equipment, not elsewhere classified
- 33 4300 *Electrotyping and Stereotyping Machines and Equipment*
- 33 4400 *Type Foundry Machinery and Equipment*
- 33 4500 *Bookbinding Machinery and Equipment*
- 33 4600 *Photoengraving Machinery and Equipment*
- 33 4700 *Engravers' Equipment, Except Photoengraving*
- 33 4800 *Printers' Equipment, Except Machine Typesetting Equipment*
- 33 4810 Cabinets, type and galley
- 33 4820 Imposing tables or stones
- 33 4830 Printing type, rules, leads, slugs, borders, and ornaments
- 33 4840 Printers' rollers
- 33 4890 Printers' equipment (except machine typesetting equipment), not elsewhere classified (include line gauges, sticks, quoins, plate hooks)
- 33 4900 *Printing-Trades Machinery and Equipment, Not Elsewhere Classified*

**RUBBER WORKING MACHINERY**

- 33 5100 *Rubber Processing Machinery*
- 33 5110 Cracking and washing machinery
- 33 5120 Ball cutting machinery
- 33 5130 Plasticators
- 33 5140 Banbury and mill mixing machinery
- 33 5150 Sheetters
- 33 5160 Rubber processing machinery, not elsewhere classified
- 33 5200 *Rubber Fabricating Machinery*
- 33 5210 Warming up machinery
- 33 5220 Bead insulating machinery
- 33 5230 Calendering machines
- 33 5240 Tread extruding machinery
- 33 5250 Cutting and splicing machinery
- 33 5260 Tire building machinery
- 33 5270 Vulcanizing machinery
- 33 5290 Miscellaneous rubber fabricating machinery
- 33 5291 Strainers
- 33 5292 Blanking machinery
- 33 5299 Rubber fabricating machinery, not elsewhere classified
- 33 5300 *Rubber Reclaiming Machinery*
- 33 5400 *Tire Repairing Machinery and Equipment*
- 33 5410 Curing devices
- 33 5411 Full circle molds (include spacer rings and curing rims)
- 33 5412 Matrices
- 33 5413 Curing chambers
- 33 5414 Sectional molds and spot vulcanizers
- 33 5415 Tube vulcanizers
- 33 5416 Accessories
- 33 5419 Curing devices, not elsewhere classified
- 33 5420 Buffers
- 33 5421 Retread
- 33 5422 Flexible shaft
- 33 5430 Tread rollers and regroovers
- 33 5440 Spreaders
- 33 5490 Tire repairing machinery and equipment, not elsewhere classified

**WOODWORKING MACHINERY**

- 33 6100 *Sawmills (Complete Units)*
- 33 6110 Circular
- 33 6120 Band
- 33 6130 Reciprocating
- 33 6200 *Sawing Machines, Except Sawmills*
- 33 6210 Circular
- 33 6220 Band
- 33 6230 Reciprocating
- 33 6290 Sawing machines, not elsewhere classified (include edgers, equalizers, other special purpose sawing machines)



# SPECIAL INDUSTRY MACHINERY—Continued

- WOODWORKING MACHINERY—Continued
- 33 6300 *Surfacing Machines*
- 33 6310 Planers
- 33 6320 Sanding machines
- 33 6330 Floor surfacing machines
- 33 6390 Surfacing machines, not elsewhere classified
- 33 6400 *Lathes, Woodworking, Except Veneer Lathes*
- 33 6410 Turning lathes
- 33 6420 Copying lathes
- 33 6500 *Jointers, Matchers, and Molders*
- 33 6510 Jointers
- 33 6520 Matchers
- 33 6530 Molders
- 33 6800 *Mortisers and Tenoners*
- 33 6610 Mortisers
- 33 6620 Tenoners
- 33 6700 *Wood Treating Equipment, Except Kilns*
- 33 6710 Creosoting and other wood preserving equipment
- 33 6790 Wood treating equipment, not elsewhere classified
- 33 6800 *Veneer and Plywood Machinery (Include Veneer Lathes)*
- 33 6900 *Miscellaneous Woodworking Machinery*
- 33 6910 Shapers
- 33 6920 Universal woodworking machines
- 33 6930 Cooperage machinery
- 33 6940 Wood box and crate machines
- 33 6950 Portable woodworking power driven machines
- 33 6990 Woodworking machinery, not elsewhere classified
- 33 7000 SPECIAL INDUSTRY FURNACES, OVENS, KILNS, AND FOUNDRY EQUIPMENT
- 33 7100 *Metallurgical and Metal Melting Furnaces (Units and Prefabricated Component Parts), and Accessories*
- 33 7110 Roasting and sintering furnaces
- 33 7111 Roasting furnaces
  - 33 71111 Straight line
  - 33 71112 Single hearth
  - 33 71113 Multiple hearth (include sponge iron furnaces)
  - 33 71119 Roasting furnaces, not elsewhere classified
- 33 7112 Sintering machines (furnaces)
- 33 7120 Smelting furnaces and accessories
- 33 7121 Blast furnaces, iron
- 33 7122 Blast furnaces, copper
- 33 7123 Blast furnaces, lead
- 33 7124 Retort furnaces, electric (industrial)
- 33 7125 Retort furnaces, non-electric (industrial)
- 33 7128 Blast furnace accessories
  - 33 71281 Forehearths
  - 33 71282 Machine ladles
  - 33 71283 Dross reducing pots
  - 33 71284 Bullion, slag, and matte pots
  - 33 71285 Settling pots
  - 33 71289 Blast furnace accessories, not elsewhere classified
- 33 7129 Smelting furnaces and accessories, not elsewhere classified
- 33 7130 Reverberatory furnaces, converters, and accessories
- 33 7131 Reverberatory furnaces
  - 33 71311 Open hearth
  - 33 71312 Puddling
  - 33 71319 Reverberatory furnaces, not elsewhere classified
- 33 7132 Converters
  - 33 71321 Horizontal
  - 33 71322 Vertical
- 33 7138 Reverberatory furnace and converter accessories
  - 33 713810 Holding furnaces
  - 33 713820 Casting machines
  - 33 713821 Straight line
  - 33 713822 Circular
  - 33 712830 Bosh conveyors (ingot carriers)
  - 33 713840 Garr guns

**SPECIAL INDUSTRY MACHINERY—Continued**

**SPECIAL INDUSTRY FURNACES, OVENS, KILNS, AND FOUNDRY EQUIPMENT—Continued**

***Metallurgical and Metal Melting Furnaces (Units and Prefabricated Component Parts), and Accessories—Continued***

**Reverberatory furnaces, converters, and accessories—Continued**

**Reverberatory furnace and converter accessories—Continued**  
33 713890 Reverberatory furnace and converter accessories,  
not elsewhere classified

33 7140 Refining and melting furnaces, except reverberatory and converters

33 7141 Cupola furnaces

33 7142 Crucible furnaces, electric (industrial)

33 71421 Arc

33 71422 Induction

33 71423 Resistor

33 7143 Crucible furnaces, non-electric (industrial)

33 71431 Gas

33 71432 Oil

33 71433 Coke

33 71439 Crucible furnaces, non-electric (industrial), not elsewhere classified

33 7144 Rocking furnaces (electric arc)

33 7145 Electric refining and melting furnaces, except crucible and rocking furnaces

33 71451 Arc (include Héroult and similar types)

33 71452 Induction

33 71459 Electric refining and melting furnaces, except crucible and rocking furnaces, not elsewhere classified

33 7146 Galvanizing and tinning pots (hot-dip)

33 7149 Refining and melting furnaces, except reverberatory and converters, not elsewhere classified

33 7190 Metallurgical and metal melting furnaces (units and prefabricated component parts), and accessories, not elsewhere classified

***Foundry Equipment, Except Furnaces and Ovens***

33 7200 Core making machines

33 7210 Molding machines

33 7220 Shakeout equipment

33 7230 Tumbling barrels and mills

33 7240 Blast cleaning equipment (for castings), except barrels and mills

33 7250 Die casting machines

33 7260 Centrifugal casting machines

33 7270 Foundry accessories

33 7281 Ladles, hand

33 7289 Foundry accessories, not elsewhere classified

33 7290 Foundry equipment, except furnaces and ovens, not elsewhere classified

33 7300 ***Special Industrial Furnaces, Kilns, and Ovens, Except Metallurgical and Metal Melting (Units and Prefabricated Component Parts)***

33 7310 Ceramic kilns and furnaces

33 7311 Beehive kilns

33 73111 Updraft

33 73112 Downdraft

33 7312 Tunnel kilns (circular and straight line)

33 7313 Decorating kilns

33 7314 Glass making, flashing, and flattening furnaces

33 7319 Ceramic kilns and furnaces, not elsewhere classified

33 7320 Calcining kilns

33 7321 Tunnel kilns, rotary

33 7322 Lime kilns, vertical

33 7330 Bakery ovens

33 7331 Electric

33 73311 Batch type

33 73312 Conveyor type

33 73313 Revolving type

33 73314 Portable type

33 73319 Bakery ovens, electric, not elsewhere classified

**SPECIAL INDUSTRY MACHINERY—Continued**

**SPECIAL INDUSTRY FURNACES, OVENS, KILNS, AND FOUNDRY EQUIPMENT—Continued**

*Special Industrial Furnaces, Kilns, and Ovens, Except Metallurgical and Metal Melting (Units and Prefabricated Component Parts)—Continued*

**Bakery ovens—Continued**

- 33 7332 Non-electric
  - 33 73321 Batch type
  - 33 73322 Conveyor type
  - 33 73323 Revolving type
  - 33 73324 Portable type
  - 33 73329 Bakery ovens, non-electric, not elsewhere classified
- 33 7340 Distillation ovens
- 33 7341 Charcoal (wood)
- 33 7342 Coke ovens
- 33 7349 Distillation ovens, not elsewhere classified
- 33 7350 Rubber curing (vulcanizing) ovens, except tire repairing
- 33 7360 Enameling, japanning and lacquering ovens
- 33 7361 Electrical
- 33 7362 Except electrical
- 33 7370 Sherardizing ovens
- 33 7380 Core baking and mold drying ovens
- 33 7381 Electrical
- 33 7382 Except electrical
- 33 7390 Special industrial furnaces, kilns, and ovens, except metallurgical and metal melting (units and prefabricated components and parts), not elsewhere classified (include cremating furnaces)

33 7391 Electrical

33 7392 Except electrical

**PETROLEUM REFINERY MACHINERY AND EQUIPMENT**

**MISCELLANEOUS SPECIAL INDUSTRY MACHINERY**

- 33 9000 *Special Machines For the Brick, Tile, and Ceramic Industries Including Concrete Products*
- 33 9200 *Special Machinery For The Glass Industries*
- 33 9210 Glass-making machinery
- 33 9220 Glass container-making machinery
- 33 9300 *Tobacco Manufacturing Machinery and Equipment Except Packaging Machines*
- 33 9310 Tobacco preparing and conditioning machines
- 33 9320 Cigarette-making machines
- 33 9330 Cigar-making machines
- 33 9390 Tobacco manufacturing machinery and equipment, not elsewhere classified
- 33 9400 *Special Machines For The Shoe-Making and Shoe-Repairing Industries, Except Sewing Machines*
- 33 9410 Shoe manufacturing machinery
- 33 9420 Shoe repair machinery
- 33 9500 *Special Machines For Leather-Tanning and Leather-Working Industries, Except Shoe Machines*
- 33 9510 Tanning equipment
- 33 9520 Leather-working machinery
- 33 9600 *Special Machines For Pharmaceutical Manufacturing Industry*
- 33 9700 *Special Machines For Chemical Manufacturing Industries (Include Synthetic Rubber Manufacturing Machinery)*
- 33 9900 *Miscellaneous Special Industry Machinery*
- 33 9910 Incandescent lamp-making machinery
- 33 9920 Ammunition and explosives loading machinery and equipment
- 33 9930 Stone products manufacturing machinery
- 33 9940 Gas generating, conditioning, and other gas production apparatus and equipment
- 33 9950 Automobile service station equipment
- 33 9951 Automobile lifts
- 33 9952 Brake service equipment
- 33 9953 Headlight testing equipment
- 33 9954 Portable wheel alignment
- 33 9955 Motor testing equipment
- 33 9959 Automobile service station equipment, not elsewhere classified
- 33 9990 Special industry machinery, not elsewhere classified



## MAJOR GROUP 34—METALWORKING MACHINERY

34 00000	METALWORKING MACHINERY
34 10000	MACHINE TOOLS
34 11000	Boring Machines
34 11100	Horizontal boring, drilling and milling machines
34 11110	Table type
34 11111	Under 3" diameter of boring bar
34 11112	3" to 4" but not including 4"*
34 11113	4'-5"
34 11114	5'-6"
34 11115	6'-8"
34 11119	8' and over
34 11120	Floor type
34 11121	Under 4" diameter of boring bar
34 11122	4'-5"
34 11123	5'-6"
34 11124	6'-8"
34 11129	8' and over
34 11130	Planer type (all sizes)
34 11190	Horizontal boring, drilling, and milling machines, not elsewhere classified (include special)
34 11200	Vertical boring and turning mills, including vertical turret lathes
34 11210	Vertical boring mills, swing under 52"
34 11211	Under 30"
34 11212	30"-36"
34 11213	36"-42"
34 11214	42"-52"
34 11220	Vertical boring mills, swing 52"-72"
34 11221	52"-62"
34 11222	62"-72"
34 11230	Vertical boring mills, swing 72"-120"
34 11231	72"-84"
34 11232	84"-100"
34 11233	100"-120"
34 11240	Vertical boring mills, swing 10' and over
34 11241	10'-12'
34 11242	12'-16'
34 11243	16'-20'
34 11244	20'-40'
34 11249	40' and over
34 11300	Precision boring machines
34 11310	Single end horizontal
34 11330	Double end horizontal
34 11350	Special
34 11351	Horizontal
34 11356	Vertical
34 11400	Jig boring and grinding machines
34 11401	Under 15" table travel
34 11402	15"-20"
34 11403	20"-25"
34 11404	25"-30"
34 11405	30"-35"
34 11406	35"-40"
34 11407	40"-45"
34 11409	45" and over

\*Uniform reading for all of Major Group 34.

# METALWORKING MACHINERY—Continued

## MACHINE TOOLS—Continued

### Boring Machines—Continued

- 34 11900 Miscellaneous boring machines
- 34 11910 Vertical boring machines (special)
- 34 11920 Horizontal cylinder boring machines
- 34 11930 Oil groovers
- 34 11990 Boring machines, not elsewhere classified
- 34 12000 *Broaching Machines*
- 34 12100 Internal broaching machines
- 34 12110 Internal broaching, horizontal
- 34 12111 Under 5 tons (pressure)
- 34 12112 5-10 tons
- 34 12113 10-15 tons
- 34 12114 15-20 tons
- 34 12115 20-25 tons
- 34 12116 25-35 tons
- 34 12117 35-50 tons
- 34 12119 50 tons and over
- 34 12130 Internal broaching, vertical
- 34 12131 Under 5 tons (pressure)
- 34 12132 5-10 tons
- 34 12133 10-15 tons
- 34 12134 15-20 tons
- 34 12135 20-25 tons
- 34 12136 25-35 tons
- 34 12137 35-50 tons
- 34 12139 50 tons and over
- 34 12190 Internal broaching, specials
- 34 12200 Surface broaching machines
- 34 12210 Single ram
- 34 12211 Under 5 tons (pressure)
- 34 12212 5-10 tons
- 34 12213 10-15 tons
- 34 12214 15-20 tons
- 34 12215 20-25 tons
- 34 12216 25-35 tons
- 34 12219 35 tons and over
- 34 12250 Double ram
- 34 12251 Under 5 tons (pressure)
- 34 12252 5-10 tons
- 34 12253 10-15 tons
- 34 12254 15-20 tons
- 34 12255 20-25 tons
- 34 12259 25 tons and over
- 34 12280 Surface broaching, continuous
- 34 12290 Surface broaching, specials
- 34 12300 Combination external and internal
- 34 12900 Broaching machines, not elsewhere classified

### Drilling Machines

- 34 13000 Deep hole drilling machines, all sizes (include rifle drilling machines and rifle drilling and reaming machines)
- 34 13100 Horizontal
- 34 13110 Vertical
- 34 13120 Radial drilling machines, plain
- 34 13200 Less than 3' arm, all column sizes
- 34 13210 3' arm
- 34 13221 Column under 11''
- 34 13229 Column 11'' and over
- 34 13230 4' arm
- 34 13231 Column under 11''
- 34 13232 Column 11''-13''
- 34 13233 Column 13''-15''
- 34 13239 Column 15'' and over
- 34 13240 5' arm
- 34 13241 Column under 13''
- 34 13242 Column 13''-15''
- 34 13243 Column 15''-17''

# METALWORKING MACHINERY—Continued

## MACHINE TOOLS—Continued

### Drilling Machines—Continued

#### Radial drilling machines, plain—Continued

##### 5' arm—Continued

Column 17" and over

##### 6' arm

Column under 17"

Column 17"—19"

Column 19" and over

##### 7' arm

Column under 19"

Column 19" and over

8' arm, all column sizes

9' arm, all column sizes

10' arm and over, all column sizes

#### Radial drilling machines, wall type

Power elevating

Rigid attached

#### Radial drilling machines, except plain and wall type

Folding arm type

Radial drilling and tapping automatic reversal

Radial drilling machines, except plain and wall type, not elsewhere classified

#### Drilling machines, sensitive and power fed upright, except bench type (one and more columns with spindles independently fed)

Drilling capacity in steel or cast iron, under ½"—swing under 12"

One column (one spindle)

Two columns (two spindles)

Three columns (three spindles)

Four columns (four spindles)

Five columns and over (five spindles and over)

Drilling capacity in steel or cast iron, under ½"—swing 12"—16"

One column (one spindle)

Two columns (two spindles)

Three columns (three spindles)

Four columns (four spindles)

Five columns and over (five spindles and over)

Drilling capacity in steel or cast iron, under ½"—swing 16" and over

One column (one spindle)

Two columns (two spindles)

Three columns (three spindles)

Four columns (four spindles)

Five columns and over (five spindles and over)

Drilling capacity in steel or cast iron, ½"—1"—swing under 16"

One column (one spindle)

Two columns (two spindles)

Three columns (three spindles)

Four columns (four spindles)

Five columns and over (five spindles and over)

Drilling capacity in steel or cast iron, ½"—1"—swing 16"—24"

One column (one spindle)

Two columns (two spindles)

Three columns (three spindles)

Four columns (four spindles)

Five columns and over (five spindles and over)

Drilling capacity in steel or cast iron, ½"—1"—swing 24" and over

One column (one spindle)

Two columns (two spindles)

Three columns (three spindles)

Four columns (four spindles)



# METALWORKING MACHINERY—Continued

## MACHINE TOOLS—Continued

### Drilling Machines—Continued

Drilling machines, sensitive and power fed upright, except bench type—Continued

Drilling capacity in steel or cast iron,  $\frac{1}{2}$ "—1"—swing 24" and over—Continued

- 34 13569 Five columns and over (five spindles and over)
- 34 13570 Drilling capacity in steel or cast iron, 1"—2"—swing under 24"
- 34 13571 One column (one spindle)
- 34 13572 Two columns (two spindles)
- 34 13573 Three columns (three spindles)
- 34 13574 Four columns (four spindles)
- 34 13579 Five columns and over (five spindles and over)
- 34 13580 Drilling capacity in steel or cast iron, 1"—2"—swing 24" and over
- 34 13581 One column (one spindle)
- 34 13582 Two columns (two spindles)
- 34 13583 Three columns (three spindles)
- 34 13584 Four columns (four spindles)
- 34 13589 Five columns and over (five spindles and over)
- 34 13590 Drilling capacity in steel or cast iron, 2" and over—all swings
- 34 13591 2"—3" capacity
- 34 13592 3"—4"
- 34 13593 4"—5"
- 34 13594 5" and over
- 34 13600 Drilling machines, bench type
- 34 13610 Under  $\frac{1}{2}$ " drilling capacity in steel
- 34 13690  $\frac{1}{2}$ " and over
- 34 13700 Drilling machines, way and special

Note 1: Report number of machines, not number of spindles.

Note 2: In addition to the primary operation of drilling, special machines perform one or more of the following operations: tapping, boring, spot facing, reaming, countersinking, counterboring.

34 13900 Drilling machines, not elsewhere classified

34 14000 *Gear Cutting and Finishing Machines*

34 14100 Gear hobbing machines

34 14110 Gear hobbors up to 48" diameter maximum capacity (single spindle)

34 14111 Under 4"

34 14112 4"—8"

34 14113 8"—12"

34 14114 12"—16"

34 14115 16"—24"

34 14116 24"—48"

34 14120 Gear hobbors 48" diameter maximum capacity and over (single spindle)

34 14121 48"—60"

34 14122 60"—72"

34 14129 72" and over

34 14130 Multiple spindle and special

34 14200 Gear shapers (spur, helical, and herringbone)

34 14210 Gear shapers, spur, external and/or internal

34 14211 Under  $6\frac{1}{2}$ " maximum external diameter of work

34 14212  $6\frac{1}{2}$ "—12"

34 14213 12"—25"

34 14214 25"—40"

34 14219 40" and over

34 14220 Gear shapers, spur, external (only)

34 14221 Under  $6\frac{1}{2}$ " maximum external diameter of work

34 14222  $6\frac{1}{2}$ "—12"

34 14223 12"—25"

34 14224 25"—40"

34 14229 40" and over

34 14230 Gear shapers, spur and helical, external (only)

34 14231 Under  $6\frac{1}{2}$ " maximum external diameter of work

34 14232  $6\frac{1}{2}$ "—12"

# METALWORKING MACHINERY—Continued

## MACHINE TOOLS—Continued

### *Gear Cutting and Finishing Machines—Continued*

#### Gear shapers (spur, helical, and herringbone)—Continued

##### Gear shapers, spur and helical, external (only)—Continued

34 14233	12''-25''
34 14234	25''-40''
34 14239	40'' and over
34 14240	Gear shapers, spur and helical, external and/or internal
34 14241	Under 6½'' maximum external diameter of work
34 14242	6½''-12''
34 14243	12''-25''
34 14244	25''-40''
34 14249	40'' and over
34 14260	Gear shapers, spur, helical and continuous herringbone, external and/or internal (Sykes type)
34 14261	Under 12'' maximum diameter of work
34 14262	12''-25''
34 14263	25''-48''
34 14264	48''-72''
34 14269	72'' and over
34 14290	Gear shapers, not elsewhere classified
34 14300	Gear cutters and generators
34 14310	Straight bevel
34 14311	Roughers (include formed disc type)
34 14312	Generators
34 14320	Spiral bevel
34 14340	Spiral bevel and/or hypoid (except planer type)
34 14341	Roughers
34 14342	Generators
34 14350	Gear planers (template or formed cutter type)
34 14360	Gear milling or formed disc cutter type (all types and sizes)
34 14370	Gear planing generators
34 14380	Rack cutters (all types and sizes)
34 14390	Gear cutting machines, not elsewhere classified
34 14400	Gear tooth grinding machines
34 14410	Generating type
34 14411	Spur
34 14412	Spur and helical
34 14413	Straight bevel
34 14414	Spiral bevel
34 14416	Spiral bevel and/or hypoid
34 14417	Internal (all types)
34 14418	Worm wheel
34 14420	Formed wheel type (all types and sizes)
34 14490	Gear grinding machines, not elsewhere classified
34 14500	Gear finishing machines, except grinders
34 14510	Gear lapping machines
34 14511	External
34 14516	Internal
34 14517	Combination external and internal
34 14520	Gear shaving machines and enveloping generators
34 14530	Gear burnishing machines
34 14540	Gear tooth chamfering and/or pointing machines
34 14550	Gear tooth rounding machines
34 14560	Gear tooth burring machines
34 14570	Combination gear tooth rounding, chamfering, pointing and burring machines
34 14590	Gear finishing machines, except grinders, not elsewhere classified
34 15000	<i>Grinding machines</i>
34 15100	External cylindrical, except centerless
34 15110	Cylindrical plain grinders
34 15111	Under 6'' swing
34 15112	6''-10''
34 15113	10''-14''
34 15114	14''-20''
34 15115	20''-36''
34 15116	36''-60''

# METALWORKING MACHINERY—Continued

## MACHINE TOOLS—Continued

### Grinding machines—Continued

#### External cylindrical, except centerless—Continued

##### Cylindrical plain grinders—Continued

34 15119	60" and over
34 15120	External cylindrical, universal
34 15121	Under 10" swing
34 15122	10"-14"
34 15123	14"-18"
34 15124	18"-20"
34 15129	20" and over
34 15130	Cylindrical roll grinders (all sizes)
34 15140	Semi and full automatic grinders (all sizes)
34 15150	Crank grinders
34 15190	External cylindrical grinders, not elsewhere classified
34 15200	External cylindrical, centerless
34 15201	Under 4" swing
34 15209	4" and over
34 15300	Internal cylindrical grinding machines
34 15310	Internal grinders, plain or chucking
34 15311	Under 8" swing, manufacturers' rating
34 15312	8"-12"
34 15313	12"-18"
34 15314	18"-22"
34 15315	22"-28"
34 15316	28"-38"
34 15319	38" and over
34 15320	Centerless grinders, internal (all sizes)
34 15330	Automatic and semi-automatic (all sizes)
34 15340	Planetary internal grinders
34 15350	Combination hole and face grinders
34 15390	Internal cylindrical grinding machines, not elsewhere classified
34 15400	Surface grinding machines
34 15410	Rotary table surface grinders, horizontal and vertical spindle
34 15411	Under 12" diameter of solid table
34 15412	12"-16"
34 15413	16"-20"
34 15414	20"-24"
34 15415	24"-30"
34 15416	30"-36"
34 15417	36"-40"
34 15418	40"-48"
34 15419	48" and over
34 15430	Rotary table surface grinders (continuous operation—cored table)
34 15440	Reciprocating table surface grinders
34 15441	Under 15" length of table travel
34 15442	15"-30"
34 15443	30"-40"
34 15444	40"-50"
34 15445	50"-60"
34 15446	60"-70"
34 15447	70"-80"
34 15448	80"-90"
34 15449	90" and over
34 15470	Reciprocating power fed face grinders (length of work table)
34 15471	Under 30" length of work table
34 15472	30"-40"
34 15473	40"-50"
34 15474	50"-60"
34 15475	60"-70"
34 15476	70"-80"
34 15477	80"-90"
34 15479	90" and over
34 15480	Surface grinding machines, planer type
34 15490	Surface grinding machines, not elsewhere classified



# **METALWORKING MACHINERY—Continued**

## **MACHINE TOOLS—Continued**

### **Grinding Machines—Continued**

#### **Thread grinding machines**

##### **External**

Under 6" X Under 20" maximum diameter and length of work

Under 6" X 20" and over

6"-8" X Under 20"

6"-8" X 20" and over

8"-12" X Under 35"

8"-12" X 35"-50"

8"-12" X 50" and over

12" and over X All lengths

##### **Internal**

Under 9" maximum diameter

9"-12"

12" and over

##### **Combination external internal**

Thread grinding machines, not elsewhere classified

#### **Special tool and cutter grinding machines**

##### **Tap grinders**

Keller cutter grinders

Drill grinders

Drill point thinner

Gear cutter grinders

Broach grinders

Face mill cutter grinders

Single point tool grinders (includes so-called carbide tool grinders)

##### **Miscellaneous special tool grinders**

Shear and knife grinders

Drill and tap grinders

Saw grinders

Special tool grinders, not elsewhere classified

#### **Universal tool and cutter grinders**

Under 8" maximum diameter of work

8"-10"

10"-12"

12" and over

#### **Disc, face, and stand grinders**

##### **Disc grinders**

Stand and snagging grinders

Under 7½ hp

7½ hp and over

##### **Bench grinders**

Swing frame grinders

Face, and stand grinders, not elsewhere classified

#### **Grinding machines, miscellaneous. (Do not include abrasive cut-off machines)**

##### **Cam grinders**

Radius grinders

Spline grinders

Slot grinders

Contour grinders

Plate edge grinders

Grinding machines, not elsewhere classified

### **Lathes**

#### **Lathes, engine and tool room**

Lathes up to 24" swing, including tool room lathes

Under 12" swing

34 161111 Center to center under 30"

34 161119 Center to center 30" and over

12"-14" swing

34 161121 Center to center under 48"

34 161122 Center to center 48"-60"

34 161129 Center to center 60" and over

# METALWORKING MACHINERY—Continued

## MACHINE TOOLS—Continued

### Lathes—Continued

#### Lathes, engine and tool room—Continued

#### Lathes up to 24" swing, including tool room lathes—Continued

34 16113	14"-16" swing
	34 161131 Center to center under 48"
	34 161132 Center to center 48"-60"
	34 161139 Center to center 60" and over
34 16114	16"-18" swing
	34 161141 Center to center under 48"
	34 161142 Center to center 48"-60"
	34 161149 Center to center 60" and more
34 16115	18"-20" swing
	34 161151 Center to center under 48"
	34 161152 Center to center 48"-60"
	34 161159 Center to center 60" and more
34 16116	20"-24" swing
	34 161161 Center to center under 48"
	34 161162 Center to center 48"-60"
	34 161169 Center to center 60" and more
34 16120	Swing 24" and over
34 16121	24"-30" swing
	34 161211 Center to center under 60"
	34 161212 Center to center 60"-96"
	34 161219 Center to center 96" and over
34 16122	30"-36" swing
	34 161221 Center to center under 60"
	34 161222 Center to center 60"-96"
	34 161229 Center to center 96" and over
34 16123	36"-48" swing
	34 161231 Center to center under 96"
	34 161239 Center to center 96" and over
34 16124	48"-60" swing
	34 161241 Center to center under 96"
	34 161249 Center to center 96" and over
34 16125	60"-72" swing
	34 161251 Center to center under 96"
	34 161259 Center to center 96" and over
34 16126	72"-84" swing
	34 161261 Center to center under 96"
	34 161269 Center to center 96" and over
34 16127	84"-96" swing
	34 161271 Center to center under 96"
	34 161279 Center to center 96" and over
34 16129	96" and over swing
	34 161291 Center to center under 20'
	34 161299 Center to center 20' and over
34 16190	Gap lathes
34 16191	Maximum swing under 24"
34 16199	Maximum swing 24" and over
34 16200	Bench type and light duty (less than 1 hp) lathes (include bench turret lathes and bench hand screw machines)
34 16300	Turret lathes, ram type (include hand screw machines except bench type)
34 16310	Standard
34 16311	Under $\frac{3}{4}$ " round bar capacity
34 16312	$\frac{3}{4}$ "—1"
34 16313	1"—1 $\frac{1}{4}$ "
34 16314	1 $\frac{1}{4}$ "—1 $\frac{1}{2}$ "
34 16315	1 $\frac{1}{2}$ "—1 $\frac{3}{4}$ "
34 16316	1 $\frac{3}{4}$ "—2"
34 16317	2"—2 $\frac{1}{4}$ "
34 16318	2 $\frac{1}{4}$ "—2 $\frac{1}{2}$ "
34 16319	2 $\frac{1}{2}$ " and over
34 16390	Special

# METALWORKING MACHINERY—Continued

## MACHINE TOOLS—Continued

### Lathes—Continued

34 16400	Turret lathes, saddle type
34 16410	Standard
34 16411	Under 3" round bar capacity
34 16412	3"—3½"
34 16413	3½"—4"
34 16414	4"—4½"
34 16415	4½"—5"
34 16416	5"—6"
34 16417	6"—8"
34 16418	8"—10"
34 16419	10" and over
34 16490	Special
34 16500	Automatic chucking and between centers lathes
34 16510	Automatic chucking machines, single-spindle
34 16511	Under 4" maximum chucking capacity
34 16512	4"—5½"
34 16513	5½"—8"
34 16514	8"—12"
34 16515	12"—18"
34 16516	18"—24"
34 16517	24"—30"
34 16519	30" and over
34 16520	Automatic chucking machines, multi-spindle
34 16521	Two spindles
34 16522	Three spindles
34 16523	Four spindles
34 16524	Five spindles
34 16525	Six spindles
34 16529	Eight spindles and over
34 16530	Automatic between centers lathes, single-spindle, multi-tool
34 16531	Under 4" maximum swing diameter
34 16532	4"—5½"
34 16533	5½"—8"
34 16534	8"—12"
34 16535	12"—18"
34 16536	18"—24"
34 16537	24"—30"
34 16539	30" and over
34 16590	Automatic chucking and between centers lathes, not elsewhere classified
34 16600	Automatic screw machines, single-spindle (bar)
34 16610	Single-spindle
34 16611	Bar capacity under 5/8"
	34 16611 Under 3/8"
	34 16612 3/8"—5/8"
34 16612	Bar capacity 5/8"—1"
34 16613	Bar capacity 1"—1½"
	34 166131 1"—1¼"
	34 166132 1¼"—1½"
34 16614	Bar capacity 1½"—2"
34 16615	Bar capacity 2"—3"
34 16616	Bar capacity 3"—4"
34 16617	Bar capacity 4"—5"
34 16618	Bar capacity 5"—6"
34 16619	Bar capacity 6" and over
34 16700	Automatic screw machines, multi-spindle (bar)
34 16710	Four spindles
34 16711	Under 3/8" bar capacity
34 16712	3/8"—1"
34 16713	1"—1½"
34 16714	1½"—2"
34 16715	2"—3"
34 16716	3"—4"
34 16717	4"—6"
34 16719	6" and over



# METALWORKING MACHINERY—Continued

## MACHINE TOOLS—Continued

### Lathes—Continued

#### Automatic screw machines, multi-spindle (bar)—Continued

34 16720	Six spindles
34 16721	Under $\frac{3}{8}$ "
34 16722	$\frac{3}{8}$ "—1"
34 16723	1"—1½"
34 16724	1½"—2"
34 16725	2"—3"
34 16729	3" and over
34 16730	Eight spindles
34 16731	Under $\frac{3}{8}$ "
34 16732	$\frac{3}{8}$ "—1"
34 16733	1"—1½"
34 16734	1½"—2"
34 16739	2" and over
34 16790	Multi-spindle, not elsewhere classified
34 16800	Artillery, ammunition and boring lathes
34 16810	Shell turning lathes <sup>1</sup>
34 16811	Maximum diameter of finished shell <sup>2</sup> under 4.1" or 105 m/m
34 16812	4.1"—5.1"
34 16813	5.1"—6.1"
34 16814	6.1"—7.1"
34 16815	7.1"—8.1"
34 16816	8.1"—9.1"
34 16817	9.1"—10.1"
34 16818	10.1"—11.1"
34 16819	11.1" and over
34 16820	Boring lathes (include gun boring and turning)
34 16821	Under 24" swing
34 16822	24"—30" swing
34 16823	30"—36" swing
34 16824	36"—42" swing
34 16825	42"—60" swing
34 16826	60"—72" swing
34 16829	72" and over swing
34 16840	Cartridge case trimming and head finish lathes
34 16841	1.1" shell
34 16842	3" and 75 m/m shell
34 16843	4" and 105 m/m shell
34 16844	5" shell
34 16845	6" shell
34 16849	Extra types and sizes
34 16890	Artillery and ammunition lathes, not elsewhere classified
34 16900	Lathes, not elsewhere classified
34 17000	<i>Milling Machines</i>
34 17100	Milling machines, bed type
34 17110	Single spindle automatic, up to 15" table travel, horizontal
34 17111	Under 6"
34 17112	6"—8"
34 17113	8"—12"
34 17114	12"—15"
34 17120	Single spindle automatic, over 15" table travel, horizontal
34 17121	15"—18"
34 17122	18"—24"
34 17123	24"—30"
34 17124	30"—36"
34 17125	36"—48"
34 17126	48"—60"
34 17127	60"—72"
34 17129	72" and over

<sup>1</sup> See Supplementary Code 34-1 for types of shell lathes on page 331.

<sup>2</sup> Shell lathes capacities are frequently given in millimeters. To convert millimeters to inches, divide by 25.4.

**METALWORKING MACHINERY—Continued**

**MACHINE TOOLS—Continued**

**Milling Machines—Continued**

**Milling machines, bed type—Continued**

- 34 17130 Double spindle (duplex), automatic, horizontal
- 34 17131 Under 30" table travel
- 34 17132 30"-36"
- 34 17133 36"-48"
- 34 17134 48"-60"
- 34 17135 60"-72"
- 34 17139 72" and over
- 34 17140 Vertical spindle, bed type
- 34 17141 Under 15" table travel
- 34 17142 15"-36"
- 34 17143 36"-72"
- 34 17149 72" and over
- 34 17190 Milling machines, bed type, not elsewhere classified
- 34 17200 Milling machines, knee type, horizontal
- 34 17210 Plain horizontal, knee type
- 34 17211 No. 1. Under 28" table travel
- 34 17212 No. 2. 28"-34"
- 34 17213 No. 3. 34"-42"
- 34 17214 No. 4. 42"-50"
- 34 17219 No. 5. 50" and over
- 34 17220 Universal, knee type
- 34 17221 No. 0. Screw and rack feed
- 34 17222 No. 1. Under 28" table travel
- 34 17223 No. 2. 28"-34"
- 34 17224 No. 3. 34"-42"
- 34 17225 No. 4. 42"-50"
- 34 17229 No. 5. 50" and over
- 34 17230 Manufacturing, knee type, horizontal
- 34 17290 Knee type, horizontal, not elsewhere classified
- 34 17300 Milling machines, knee type, vertical
- 34 17310 Standard size vertical
- 34 17311 No. 1. Under 28" table travel
- 34 17312 No. 2. 28"-34"
- 34 17313 No. 3. 34"-42"
- 34 17314 No. 4. 42"-50"
- 34 17319 No. 5. 50" and over
- 34 17320 Manufacturing, knee type, vertical
- 34 17390 Knee type, vertical, not elsewhere classified
- 34 17400 Milling machines, universal head and ram type
- 34 17401 Under 28" table travel
- 34 17402 28"-34"
- 34 17403 34"-42"
- 34 17404 42"-50"
- 34 17409 50" and over
- 34 17500 Milling machines, thread (thread hobbers)
- 34 17510 External
- 34 17511 Under 2½" maximum swing diameter
- 34 17512 2½"-4½"
- 34 17513 4½"-6"
- 34 17514 6"-8"
- 34 17515 8"-10"
- 34 17519 10" and over
- 34 17520 Internal (all sizes)
- 34 17530 External and internal
- 34 17531 Under 4½"
- 34 17532 4½"-6"
- 34 17533 6"-8"
- 34 17534 8"-10"
- 34 17539 10" and over
- 34 17540 Planetary (all sizes)
- 34 17550 Automatic (all sizes)
- 34 17590 Thread millers, not elsewhere classified (include special)
- 34 17600 Milling machines, bench and hand

# METALWORKING MACHINERY—Continued

## MACHINE TOOLS—Continued

### Milling Machines—Continued

- 34 17700 Profilers and contour; die sinkers; duplicators; cam and engraving millers
- 34 17710 Profilers and contour (two-dimensions duplication)
- 34 17720 Duplicators, and automatic die sinkers (three dimensions duplication)
- 34 17730 Die sinkers, except automatic die sinkers
- 34 17731 Plain
- 34 17732 Universal
- 34 17733 Pantograph
- 34 17739 Die sinkers, except automatic die sinkers, not elsewhere classified
- 34 17740 Cam millers
- 34 17750 Engraving millers
- 34 17800 Milling machines, planer type
- 34 17801 Under 36" X Under 36" maximum height and width of work which can be machined
- 34 17802 36"—48" X 36"—48"
- 34 17803 48"—60" X 48"—60"
- 34 17804 60"—72" X 60"—72"
- 34 17809 72" and over X 72" and over
- 34 17900 Miscellaneous milling machines
- 34 17910 Spline millers
- 34 17920 Routers
- 34 17930 Milling machines, drum type
- 34 17990 Milling machines, not elsewhere classified (include single purpose millers)

34 18000

### Planers

- 34 18100 Double housing (include convertible)
- 34 18101 Under 36" X Under 36" maximum height and width which can be machined
- 34 18102 36"—48" X 36"—48"
- 34 18103 48"—60" X 48"—60"
- 34 18104 60"—72" X 60"—72"
- 34 18105 72"—84" X 72"—84"
- 34 18106 84"—96" X 84"—96"
- 34 18107 96"—120" X 96"—120"
- 34 18109 120" and over X 120" and over
- 34 18200 Open side
- 34 18201 Under 36" X Under 36"
- 34 18202 36"—48" X 36"—48"
- 34 18203 48"—60" X 48"—60"
- 34 18204 60"—72" X 60"—72"
- 34 18209 72" and over X 72" and over
- 34 18300 Crank planers and shaper planers
- 34 18400 Plate planers
- 34 18900 Planers, miscellaneous
- 34 18910 Pit type
- 34 18920 Breast type
- 34 18990 Planers, not elsewhere classified
- 34 19000 *Miscellaneous Machine Tools*
- 34 19100 Shapers and slotters, except gear shapers
- 34 19110 Horizontal shapers
- 34 19111 Under 13" stroke
- 34 19112 13"—17"
- 34 19113 17"—21"
- 34 19114 21"—25"
- 34 19115 25"—29"
- 34 19116 29"—33"
- 34 19117 33"—37"
- 34 19119 37" and over
- 34 19120 Vertical shapers and slotters
- 34 19121 Under 7" stroke
- 34 19122 7"—9"
- 34 19123 9"—13"



**METALWORKING MACHINERY—Continued**

**MACHINE TOOLS—Continued**

**Miscellaneous Machine Tools—Continued**

**Shapers and slotters, except gear shapers—Continued**

**Vertical shapers and slotters—Continued**

- 34 19124 13"—20"
- 34 19129 20" and over
- 34 19130 Special shapers (all sizes)
- 34 19200 Keyseating machines
- 34 19201 Maximum width under 1"
- 34 19202 1"—1½"
- 34 19203 1½"—2"
- 34 19204 2"—3"
- 34 19205 3"—4"
- 34 19209 4" and over
- 34 19300 Honing and lapping machines, except gear honing and lapping
- 34 19310 Honing machines
- 34 19311 Flat surface
- 34 19312 Cylindrical internal
- 34 19313 Cylindrical external
- 34 19319 Honing machines, not elsewhere classified
- 34 19320 Lapping machines
- 34 19321 Flat surface
- 34 19322 Cylindrical surface
- 34 19323 Cylindrical internal
- 34 19329 Lapping machines, not elsewhere classified
- 34 19330 Honing and lapping
- 34 19340 Honing and boring
- 34 19400 Polishing and buffing machines
- 34 19410 Bench
- 34 19420 Floor
- 34 19430 Speed lathes
- 34 19440 Abrasive belt
- 34 19490 Miscellaneous polishing and buffing machines
- 34 19491 Sheet
- 34 19492 Tube
- 34 19499 Polishing and buffing machines, not elsewhere classified
- 34 19500 Cut-off and sawing; contour sawing and filing machines
- 34 19510 Cut-off and sawing machines
- 34 19511 Power, hack type, under 12" x 12"
- 34 19512 Power, hack type, 12" x 12" and over
- 34 19513 Rotary cold saws, under 12"
- 34 19514 Rotary cold saws, 12" and over
- 34 19515 Abrasive cut-off machines
- 34 19516 Band saw type machines
- 34 19517 Lathe type cut-off machines
- 34 19518 Pipe cutting machines
- 34 19519 Cut-off and sawing machines, not elsewhere classified
- 34 19520 Contour sawing and filing machines
- 34 19521 Contour sawing
- 34 19522 Contour filing
- 34 19523 Contour sawing and filing
- 34 19600 Rifle working machines, except drilling
- 34 19610 Rifle reaming machines
- 34 19620 Rifling machines
- 34 19630 Rifling and reaming machines
- 34 19640 Rifling and drilling machines
- 34 19650 Rifling, reaming, and drilling machines
- 34 19660 Rifle chambering machines
- 34 19700 Tapping and threading machines
- 34 19710 Threading machines, general
- 34 19720 Pipe threading machines
- 34 19730 Bolt threading machines
- 34 19740 Threading machines, not elsewhere classified
- 34 19750 Nut tappers
- 34 19760 Shell tappers
- 34 19790 Tapping machines, not elsewhere classified
- 34 19800 Centering machines (all types and sizes)
- 34 19900 Machine tools, not elsewhere classified

# METALWORKING MACHINERY—Continued

## PRIMARY METAL FORMING MACHINES AND EQUIPMENT

### *Rolling Mills and Allied Equipment*

- 34 30000 Semi-finishing mills
- 34 31000 Blooming (cogging) mills
- 34 31100 Slabbing mills
- 34 31120 Billet mills
- 34 31130 Sheet bar mills
- 34 31140 Skelp mills
- 34 31150 Rod mills
- 34 31160 Piercing mills (for tubes)
- 34 31170 Semi-finishing mills, not elsewhere classified
- 34 31190 Finishing mills for flat-rolled products
- 34 31200 Universal plate mills
- 34 31210 Sheared plate mills
- 34 31220 Strip mills, hot rolling
- 34 31230 Strip mills, cold rolling or reducing
- 34 31240 Sheet mills, hot rolling
- 34 31250 Sheet mills, cold rolling or reducing
- 34 31260 Hoop mills
- 34 31270 Band mills
- 34 31280 Finishing mills for flat-rolled products, not elsewhere classified
- 34 31290 Finishing mills except for flat-rolled products
- 34 31300 Rail mills
- 34 31310 Wheel and circular shape mills
- 34 31320 Structural shape mills
- 34 31330 Bar mills, merchant
- 34 31340 Bar mills, except merchant
- 34 31350 Guide mills, merchant
- 34 31360 Pipe and tube mills
- 34 31370 Mills except for flat-rolled products, not elsewhere classified
- 34 31390 Rolling mills and allied equipment, not elsewhere classified
- 34 31900 *Drawing Machines*
- 34 32000 Wire-drawing machines
- 34 32100 Draw benches
- 34 32200 Under 10,000 pounds
- 34 32210 10,000–30,000 pounds
- 34 32220 30,000–100,000 pounds
- 34 32230 100,000 and over
- 34 32290 Drawing machines, not elsewhere classified
- 34 32900 *Machinery and Equipment Allied to Primary Metal Forming Machines and Equipment*

- 34 33100 Tinning
- 34 33200 Galvanizing
- 34 33300 Pickling
- 34 33400 Oiling
- 34 33900 Allied machinery and equipment, not elsewhere classified
- 34 34000 *Auxiliary Equipment for Rolling Mills*
- 34 34100 Tables (all types)
- 34 34200 Rolls
- 34 34300 Reels and coilers
- 34 34900 Auxiliary equipment for rolling mills, not elsewhere classified
- 34 39000 *Primary Metal Forming Machines and Equipment Not Elsewhere Classified*

## SECONDARY METAL FORMING AND CUTTING MACHINES AND EQUIPMENT

### *Bending Machines*

- 34 40000 Plate and sheet roll bending
- 34 41000 Under 8' width capacity
- 34 41100 Plate thickness under  $\frac{3}{8}$ "
- 34 41111 Plate thickness  $\frac{3}{8}$ "– $\frac{1}{2}$ "
- 34 41112 Plate thickness  $\frac{1}{2}$ " and over
- 34 41119 8' and over width capacity
- 34 41120 Plate thickness under  $\frac{3}{8}$ "
- 34 41121 Plate thickness  $\frac{3}{8}$ "– $\frac{1}{2}$ "
- 34 41122 Plate thickness  $\frac{1}{2}$ " and over
- 34 41129 Special
- 34 41190

# METALWORKING MACHINERY—Continued

## SECONDARY METAL FORMING AND CUTTING MACHINES AND EQUIPMENT—Continued

### *Bending Machines—Continued*

34 41200	Plate and sheet roll levelers (straightening)
34 41210	Under 8' width capacity
34 41211	Thickness under $\frac{3}{8}$ "
34 41212	Thickness $\frac{3}{8}$ "— $\frac{1}{4}$ "
34 41219	Thickness $\frac{3}{4}$ " and over
34 41220	8' width and over capacity
34 41221	Thickness under $\frac{3}{8}$ "
34 41222	Thickness $\frac{3}{8}$ "— $\frac{3}{4}$ "
34 41229	Thickness $\frac{3}{4}$ " and over
34 41290	Special
34 41300	Plate and sheet-press and apron brakes
34 41310	Press brakes under 7' width capacity
34 41311	Lighter than 15 gage
34 41312	15 gage to $\frac{1}{4}$ "
34 41313	$\frac{1}{4}$ " to $\frac{3}{8}$ "
34 41319	$\frac{3}{8}$ " and over
34 41320	Press brakes 7' and over width capacity
34 41321	Lighter than 15 gage
34 41322	15 gage to $\frac{1}{4}$ "
34 41323	$\frac{1}{4}$ " to $\frac{3}{8}$ "
34 41329	$\frac{3}{8}$ " and over
34 41330	Apron brakes under 7' width capacity
34 41331	Lighter than 15 gage
34 41332	15 gage to $\frac{1}{4}$ "
34 41333	$\frac{1}{4}$ " to $\frac{3}{8}$ "
34 41339	$\frac{3}{8}$ " and over
34 41340	Apron brakes 7' and over width capacity
34 41341	Lighter than 15 gage
34 41342	15 gage to $\frac{1}{4}$ "
34 41343	$\frac{1}{4}$ " to $\frac{3}{8}$ "
34 41349	$\frac{3}{8}$ " and over
34 41390	Special
34 41400	Plate and sheet forming rolls
34 41410	Beading rolls
34 41411	Lighter than 15 gage
34 41419	15 gage and heavier
34 41420	Flanging rolls
34 41421	Lighter than 15 gage
34 41422	15 gage to $\frac{1}{4}$ "
34 41429	$\frac{1}{4}$ " and over
34 41430	Grooving rolls
34 41431	Lighter than 20 gage
34 41432	20 gage—15 gage
34 41439	15 gage and heavier
34 41440	Seaming rolls
34 41441	Lighter than 20 gage
34 41449	20 gage and heavier
34 41450	Combination rolls (any combination of beading, flanging, grooving and seaming)
34 41451	Lighter than 20 gage
34 41452	20 gage—15 gage
34 41459	15 gage and heavier
34 41490	Miscellaneous plate or sheet roll forming machines
34 41491	Automobile tire rim forming machines
34 41492	Locomotive tire rim forming machines
34 41499	Plate or sheet forming rolls, not elsewhere classified
34 41500	Shape, bar, pipe, and tube bending machines (roll type and bending head type)
34 41510	Structural
34 41511	Under $2\frac{1}{2}$ " $\times$ $2\frac{1}{2}$ " $\times$ $\frac{3}{8}$ "
34 41512	$2\frac{1}{2}$ " $\times$ $2\frac{1}{2}$ " $\times$ $\frac{3}{8}$ " to $5'$ $\times$ $5'$ $\times$ $\frac{3}{4}$ "
34 41519	$5'$ $\times$ $5'$ $\times$ $\frac{3}{4}$ " and over



# METALWORKING MACHINERY—Continued

## SECONDARY METAL FORMING AND CUTTING MACHINES AND EQUIPMENT—Continued

### *Bending Machines*—Continued

Shape, bar, pipe, and tube bending machines (Roll type and bending head type)—Continued

34 41520	Round bar
34 41521	Under 2" diameter
34 41522	2"-4"
34 41529	4" and over
34 41530	Square bar
34 41531	Under 2" square
34 41532	2"-4"
34 41539	4" and over
34 41540	Pipe and tube
34 41541	Under 1"
34 41542	1"-2"
34 41543	2"-4"
34 41549	4" and over
34 41590	Shape, bar, pipe and tube bending machines, not elsewhere classified
34 41600	Pipe and tube flanging and expanding rolls
34 41610	Pipe and tube flanging
34 41611	Under 4" diameter
34 41612	4"-8"
34 41619	8" and over
34 41620	Pipe and tube expanding
34 41621	Under 4" diameter
34 41622	4"-8"
34 41629	8" and over
34 41700	Bending machines—press type
34 41710	Under 50 tons capacity
34 41720	50-100
34 41730	100-250
34 41790	250 and over
34 41900	Miscellaneous bending machines
34 41910	Bumping hammers
34 41990	Bending machines, not elsewhere classified
34 42000	<i>Hydraulic Presses</i>
34 42100	Vertical—forming or drawing
34 42110	Straight side (closed side)
34 42111	Under 15 tons
34 42112	15-40 tons
34 42113	40-100 tons
34 42114	100-200 tons
34 42115	200-500 tons
34 42116	500-1000 tons
34 42117	1000-3000 tons
34 42118	3000-6000 tons
34 42119	6000 tons and over
34 42120	Open rod
34 42121	Under 15 tons
34 42122	15-40 tons
34 42123	40-100 tons
34 42124	100-200 tons
34 42125	200-500 tons
34 42126	500-1000 tons
34 42127	1000-3000 tons
34 42128	3000-6000 tons
34 42129	6000 tons and over
34 42190	Types, not elsewhere classified
34 42200	Vertical—general utility
34 42250	Gap solid back type (forcing, assembling, forming, straightening, broaching and other operations)
34 42251	Under 15 tons
34 42252	15-40 tons
34 42253	40-100 tons
34 42254	100-200 tons

# METALWORKING MACHINERY—Continued

## SECONDARY METAL FORMING AND CUTTING MACHINES AND EQUIPMENT—

### Continued

#### *Hydraulic Presses*—Continued

#### Vertical—general utility—Continued

##### Gap solid back type—Continued

200-500 tons

500 tons and over

##### Types, not elsewhere classified

#### Vertical—forging (self-contained)

##### Straight side (closed side)

40-100 tons

100-200 tons

200-500 tons

500-1000 tons

1000-3000 tons

3000-6000 tons

6000 tons and over

##### Open rod (include flat die hot forging)

40-100 tons

100-200 tons

200-500 tons

500-1000 tons

1000-3000 tons

3000-6000 tons

6000 tons and over

##### Types, not elsewhere classified

#### Vertical—forging, steam pneumatic

##### Straight side (closed side)

100-200 tons

200-500 tons

500-1000 tons

1000-3000 tons

3000-6000 tons

6000 tons and over

##### Open rod (four column)

100-200 tons

200-500 tons

500-1000 tons

1000-3000 tons

3000-6000 tons

6000 tons and over

#### Horizontal—wheel, force, arbor

##### Open rod

Under 15 tons

15-40 tons

40-100 tons

100-200 tons

200-500 tons

500-1000 tons

1000-3000 tons

3000-6000 tons

6000 tons and over

#### Horizontal—piercing, drawing

##### Straight side (closed side)

40-100 tons

100-200 tons

200-500 tons

500-1000 tons

1000-3000 tons

3000-6000 tons

6000 tons and over

##### Open rod

40-100 tons

100-200 tons

200-500 tons

500-1000 tons

**METALWORKING MACHINERY—Continued**  
**SECONDARY METAL FORMING AND CUTTING MACHINES AND EQUIPMENT—**  
**Continued**

*Hydraulic Presses—Continued*

Horizontal—piercing, drawing—Continued

Open rod—Continued

34 42627	1000-3000 tons
34 42628	3000-6000 tons
34 42629	6000 tons and over
34 42700	Horizontal—designs, not elsewhere classified (including bulldozers)
34 43000	<i>Mechanical Presses</i>
34 43100	1 point vertical
34 43110	Straight side
34 43112	Under 40 tons
34 43113	40-100 tons
34 43114	100-200 tons
34 43115	200-500 tons
34 43116	500-1000 tons
34 43117	1000 tons and over
34 43130	Arch
34 43131	Under 15 tons
34 43132	15-40 tons
34 43133	40-100 tons
34 43134	100-200 tons
34 43135	200 tons and over
34 43150	Solid back gap (C-frame)
34 43151	Under 15 tons
34 43152	15-40 tons
34 43153	40-100 tons
34 43154	100 tons and over
34 43160	Adjustable table
34 43161	Under 15 tons
34 43162	15-40 tons
34 43163	40-100 tons
34 43164	100 tons and over
34 43170	Knuckle joint
34 43171	Under 40 tons
34 43172	40-100 tons
34 43173	100-200 tons
34 43174	200-500 tons
34 43175	500-1000 tons
34 43176	1000 tons and over
34 43200	2 point vertical
34 43210	Straight side
34 43212	Under 40 tons
34 43213	40-100 tons
34 43214	100-200 tons
34 43215	200-500 tons
34 43216	500-1000 tons
34 43217	1000 tons and over
34 43220	Arch
34 43221	Under 15 tons
34 43222	15-40 tons
34 43223	40-100 tons
34 43224	100-200 tons
34 43225	200 tons and over
34 43300	4 point vertical
34 43310	Straight side
34 43312	Under 40 tons
34 43313	40-100 tons
34 43314	100-200 tons
34 43315	200-500 tons
34 43316	500-1000 tons
34 43317	1000-3000 tons
34 43318	3000-6000 tons
34 43319	6000 tons and over



# METALWORKING MACHINERY—Continued

## SECONDARY METAL FORMING AND CUTTING MACHINES AND EQUIPMENT—Continued

### Mechanical Presses—Continued

- 34 43400 End wheel vertical
- 34 43450 Gap-solid back (punch)
- 34 43451 Under 15 tons
- 34 43452 15-40 tons
- 34 43453 40-100 tons
- 34 43454 100 tons and over
- 34 43490 End wheel vertical, types, not elsewhere classified
- 34 43500 Horizontal
- 34 43510 Straight side
- 34 43511 Under 40 tons
- 34 43512 40-100 tons
- 34 43513 100 tons and over
- 34 43590 Horizontal, types, not elsewhere classified (include bulldozers)
- 34 43591 Under 40 tons
- 34 43592 40-100 tons
- 34 43593 100 tons and over
- 34 43600 Inclinal
- 34 43640 Open back
- 34 43641 Under 15 tons
- 34 43642 15-40 tons
- 34 43643 40-100 tons
- 34 43644 100-200 tons
- 34 43645 200 tons and over
- 34 43690 Inclinal, types, not elsewhere classified
- 34 43900 Mechanical presses, designs, not elsewhere classified
- 34 44000 *Shearing and Punching Machines*
- 34 44100 Alligator shears
- 34 44110 Under  $\frac{1}{2}$ " plate capacity—bar under  $2\frac{1}{2}$ "  $\times$   $2\frac{1}{2}$ "
- 34 44190  $\frac{1}{2}$ " plate and over—bar  $2\frac{1}{2}$ "  $\times$   $2\frac{1}{2}$ " and over
- 34 44199 Special
- 34 44200 Rotary disc shears (circle)
- 34 44300 Rotary slitting shears
- 34 44310 Single cut
- 34 44320 Multiple cut
- 34 44390 Special
- 34 44400 Square shears
- 34 44410 Under 7' length capacity
- 34 44411 Lighter than 15 gage capacity
- 34 44412 15 gage to  $\frac{1}{4}$ "
- 34 44413  $\frac{1}{4}$ " to  $\frac{1}{2}$ "
- 34 44414  $\frac{1}{2}$ " to  $\frac{5}{8}$ "
- 34 44419  $\frac{5}{8}$ " and over
- 34 44420 7' length capacity and over
- 34 44421 Lighter than 15 gage capacity
- 34 44422 15 gage to  $\frac{1}{4}$ "
- 34 44423  $\frac{1}{4}$ " to  $\frac{1}{2}$ "
- 34 44424  $\frac{1}{2}$ " to  $\frac{5}{8}$ "
- 34 44429  $\frac{5}{8}$ " and over
- 34 44490 Special
- 34 44500 Combination punching and shearing machines (include single operation punching or shearing machines)
- 34 44510 Single operation—single end (small size)
- 34 44511 Hole punch—under  $\frac{3}{4}$ " diameter—thickness under  $\frac{5}{8}$ "
- 34 44512 Bar shear—under  $1\frac{1}{4}$ "  $\times$   $1\frac{1}{4}$ "
- 34 44513 Plate shear—under  $\frac{3}{4}$ " thickness
- 34 44514 Shapes shear—under  $3"$   $\times$   $\frac{3}{4}"$   $\times$   $3"$  Ls-Ts-Is
- 34 44520 Combination (2 or more operations of 44 510—except double end)
- 34 44530 Double end punch or shear (capacity as in 44 510)
- 34 44550 Single operation—single end (large size)
- 34 44551 Hole punch— $\frac{3}{4}$ " diameter and over— $\frac{5}{8}$ " thickness and over
- 34 44552 Bar shear— $1\frac{1}{4}"$   $\times$   $1\frac{1}{4}"$  and over
- 34 44553 Plate shear— $\frac{3}{4}"$  thickness and over

# **METALWORKING MACHINERY—Continued**

## **SECONDARY METAL FORMING AND CUTTING MACHINES AND EQUIPMENT—Continued**

### *Shearing and Punching Machines—Continued*

#### **Combination, punching and shearing machines—Continued**

##### **Single operation—single end (large size)—Continued**

Shapes shear—3"× $\frac{3}{8}$ " and over Ls-Ts-Is

Combination (2 or more operations of 44 550—except double end)

Double end punch or shear (capacity as in 44 550)

Special

Double housing multiple punch

Under 7' length capacity

Under 50 tons

50-100 tons

100-250 tons

250 tons and over

7' length capacity and over

Under 50 tons

50-100 tons

100-250 tons

250 tons and over

Special

Turret punches

Nibbling machines

Under  $\frac{3}{8}$ " thickness capacity

$\frac{3}{8}$ " and over

Shearing and punching machines, not elsewhere classified

### *Forging Machinery*

Hammers

Air

Under 500 pounds falling weight

500-1000 pounds

1000-2000 pounds

2000 pounds and over

Steam, single frame

Under 1000 pounds falling weight

1000-2000 pounds

2000-4000 pounds

4000-6000 pounds

6000 pounds and over

Steam, double frame

Under 2000 pounds falling weight

2000-4000 pounds

4000-8000 pounds

8000-12000 pounds

12000-16000 pounds

16000-25000 pounds

25000 pounds and over

Board drop

Under 500 pounds falling weight

500-1000 pounds

1000-2000 pounds

2000-4000 pounds

4000 pounds and over

Power

Crank

Helve

Power hammers, not elsewhere classified

Impact stamping machines

Under 48" width working area

48" to 66"

66" to 96"

96" to 120"

120" and over

Miscellaneous hammers

Rope drop

Hammers, not elsewhere classified

# METALWORKING MACHINERY—Continued

## SECONDARY METAL FORMING AND CUTTING MACHINES AND EQUIPMENT—Continued

### Forging Machinery—Continued

Headers and forging machines (upsetters)

- 34 45210 Under  $\frac{1}{4}$ " diameter wire, rod or bar capacity
- 34 45220  $\frac{1}{4}$ "– $\frac{1}{2}$ "
- 34 45230  $\frac{1}{2}$ "–1"
- 34 45240 1"–2"
- 34 45250 2"–4"
- 34 45260 4"–6"
- 34 45270 6"–8"
- 34 45290 8" and over

Rolls

- 34 45310 Under 12" diameter roll
- 34 45320 12"–18"
- 34 45330 18"–24"
- 34 45390 24" and over

Swagers

Rotary

- 34 45410 Under 1" diameter capacity of tubing
- 34 45412 1"–3"
- 34 45413 3"–6"
- 34 45419 6" and over

Swagers, not elsewhere classified

Miscellaneous forging machinery

Steam hydraulic forging machines

Forging machinery, not elsewhere classified

### Wire Forming Machines

- 34 46100 Die forming press for paper clips, safety pins, and similar products

- 34 46110 Lighter than 18 gage

- 34 46120 18–12 gage

- 34 46190 12 gage and heavier

- 34 46200 Stranding, twisting and braiding machines

- 34 46210 For cable and rope

- 34 46220 Weaving and fencing

- 34 46300 Winding machines for coiling springs

- 34 46310 Lighter than 18 gage

- 34 46320 18–12 gage

- 34 46330 12 gage to  $\frac{1}{4}$ "

- 34 46390  $\frac{1}{4}$ " and over

- 34 46400 Wire straightening machines (include wire straightening and cutting machines)

- 34 46900 Wire forming machines, not elsewhere classified

- 34 47000 Manual Presses

- 34 49000 Miscellaneous Secondary Metal Forming and Cutting Machines and Equipment

- 34 49100 Thread rolling machines

- 34 49110 Under  $\frac{1}{4}$ " diameter capacity

- 34 49190  $\frac{1}{4}$ " and over

- 34 49200 Tube reducing machines

- 34 49300 Shrinking machines (sheet metal)

- 34 49400 Marking machines

- 34 49900 Secondary metal forming machines, not elsewhere classified

- 34 50000 WELDING MACHINERY AND EQUIPMENT

### Electric-Welding Equipment

Arc-welding equipment

- 34 51100 Alternating-current welding-machines

- 34 51120 Direct-current welding-machines

- 34 51180 Arc-welding machinery components and accessories (include automatic welding-heads, consumable electrodes, electrode holders and electronic arc-welding control devices)

- 34 51190 Arc-welding equipment, not elsewhere classified

Resistance-welding equipment

- 34 51200 Resistance-welding equipment

- 34 51210 Flash-welding equipment, automatic and manual

- 34 51220 Seam-welding equipment

- 34 51230 Spot-welding equipment



# METALWORKING MACHINERY—Continued

## WELDING MACHINERY AND EQUIPMENT—Continued

### *Electric-Welding Equipment—Continued*

#### Resistance-welding equipment—Continued

34 51280 Resistance-welding machinery components and accessories  
(include conductor electrodes)

34 51290 Resistance-welding equipment, not elsewhere classified

34 51900 Electric-welding equipment, not elsewhere classified

34 52000 *Gas-Welding Machinery and Equipment (Oxyacetylene, Oxyhydrogen and Related Fuel Gases)*

34 52100 Torches and tips

34 52200 Acetylene generators

34 52300 Gas-tank manifolds

34 52400 Flame cutting machines

34 52600 Welding-rods

34 52800 Gas-welding components and accessories

34 52900 Gas-welding equipment, not elsewhere classified

34 53000 *Thermit Welding Equipment*

34 59000 *Welding Machinery and Equipment, Not Elsewhere Classified*

## TESTING AND MEASURING MACHINES

### *Physical Properties Testing Machines*

34 61000 Hardness testing machines

34 61100

Brinell

34 61110

Manual, except portable

34 61112

Portable

34 61113

Power

34 61120

Rockwell

34 61121

Manual

34 61122

Power

34 61130

Scleroscope

34 61140

Vickers

34 61190

Hardness testing machines, not elsewhere classified

34 61200

Pressure testing machines (hydraulic)

34 61300

Spring testing and checking machines

34 61310

Combination tension and compression checkers

34 61311

Under 100 pounds capacity

34 61312

100-200 pounds

34 61319

200 pounds and over

34 61320

Compression checking only

34 61321

Under 6000 pounds capacity

34 61322

6000-20,000 pounds

34 61323

20,000-100,000 pounds

34 61329

100,000 pounds and over

34 61390

Spring testing and checking machines, not elsewhere classified

34 61400

Strength of material testing machines

34 61410

Compression

34 61411

Under 90,000 pounds

34 61412

90,000-120,000 pounds

34 61413

120,000-200,000 pounds

34 61414

200,000-300,000 pounds

34 61419

300,000 pounds and over

34 61420

Fatigue, except spring

34 61421

Rotating beam type

34 61422

Wire

34 61423

Sheet

34 61424

Bar, except rotating beam type

34 61429

Fatigue testing machines, not elsewhere classified

34 61430

Impact

34 61431

Pendulum type

34 61432

Torsion type

34 61440

Tension

34 61441

Under 1000 pounds

34 61442

1000-10,000 pounds

34 61443

10,000-100,000 pounds

34 61449

100,000 pounds and over

34 61450

Torsion

**METALWORKING MACHINERY—Continued**

**TESTING AND MEASURING MACHINES—Continued**

**Physical Properties Testing Machines—Continued**

**Strength of material testing machines—Continued**

34 61460 Universal (compression, tension, fatigue, torsion)

34 61461

**Hydraulic**

34 614611 Under 2000 pounds

34 614612 2000-5000 pounds

34 614613 5000-10,000 pounds

34 614614 10,000-30,000 pounds

34 614615 30,000-60,000 pounds

34 614616 60,000-100,000 pounds

34 614617 100,000-200,000 pounds

34 614618 200,000-300,000 pounds

34 614619 300,000 pounds and over

34 61462

**Mechanical**

34 614621 Under 2000 pounds

34 614622 2000-5000 pounds

34 614623 5000-10,000 pounds

34 614624 10,000-30,000 pounds

34 614625 30,000-60,000 pounds

34 614626 60,000-100,000 pounds

34 614627 100,000-200,000 pounds

34 614628 200,000-300,000 pounds

34 614629 300,000 pounds and over

34 61463

**Combination hydraulic and mechanical**

34 61469

**Universal testing machines, not elsewhere classified**

34 61490

**Strength of material testing machines, not elsewhere classified**

34 61900

**Miscellaneous physical properties testing machines**

34 61910

**Ductility testing**

34 61920

**Wear and abrasion testing**

34 61930

**Vibration testing**

34 61990

**Physical properties testing machines, not elsewhere classified**

34 62000

**Machines for Testing Structure and Composition of Metals**

34 62100

**Fluorescent penetrating inspection machines**

34 62200

**Magnetic inspection machines**

34 62300

**X-ray machines**

34 62900

**Machines for testing structure and composition of metals, not elsewhere classified**

34 63000

**Balancing Machines**

34 63100

**Static**

34 63200

**Dynamic**

34 63300

**Combination static and dynamic**

34 63900

**Special or single purpose machines, not elsewhere classified**

34 64000

**Inspection Testing and Measuring Machines**

34 64100

**Comparators**

34 64110

**Air**

34 64120

**Automatic gaging and sorting**

34 64130

**Combination air and electric**

34 64140

**Electrical**

34 64150

**Mechanical**

34 64160

**Optical projectors**

34 64170

**Toolmakers' microscopes**

34 64190

**Comparators, not elsewhere classified**

34 64200

**Gear measuring and testing machines**

34 64210

**General purpose gear measuring machines**

34 64220

**Involute measuring machines**

34 64230

**Lead measuring machines**

34 64240

**Pitch and space measuring machines**

34 64250

**Running testing machines**

34 64251

**Charts**

34 64252

**Speeders for sound checking**

34 64253

**Speeders for checking rolling qualities, bearing, etc., under load**

34 64259

**Running testing machines, not elsewhere classified**

34 64290

**Gear measuring and testing machines, not elsewhere classified**

# METALWORKING MACHINERY—Continued

## TESTING AND MEASURING MACHINES—Continued

### *Inspection Testing and Measuring Machines—Continued*

- 34 64300 Hob, worm and cutter measuring machines
- 34 64310 General purpose cutter measuring machines
- 34 64320 Hob and worm lead measuring
- 34 64330 Hob and worm tooth profile measuring
- 34 64390 Hob, worm and cutter measuring machines, not elsewhere classified
- 34 64400 Measuring machines, miscellaneous
- 34 64410 Linear measuring machines
- 34 64411 Horizontal
- 34 64412 Vertical
- 34 64420 Surface finish measuring machines
- 34 64490 Measuring machines, not elsewhere classified
- 34 64900 Inspection testing and measuring machines, not elsewhere classified
- 34 69000 *Miscellaneous Testing and Measuring Machines, Not Elsewhere Classified*
- 34 69100 Graduating machines (dividing)
- 34 69110 Circular
- 34 69120 Linear
- 34 69900 Testing and measuring machines, not elsewhere classified
- 34 70000 MISCELLANEOUS METALWORKING EQUIPMENT, EXCEPT METALWORKING MACHINES
- 34 71000 *Heat Treating Furnaces and Devices (Include Hardening, Annealing, Tempering, Normalizing, Cyaniding, Carburizing Operations)*
- 34 71100 Electric
- 34 71110 Pot type (salt, cyanide)
- 34 71120 Muffle type
- 34 71190 Electric, not elsewhere classified
- 34 81200 Except electric
- 34 71210 Pot type (salt, cyanide)
- 34 71220 Muffle type
- 34 71290 Except electric, not elsewhere classified
- 34 72000 *Electroplating and Anodizing Equipment*
- 34 72100 Electroplating machines
- 34 72110 Still tank
- 34 72120 Plating barrels
- 34 72130 Semi-automatic
- 34 72140 Full automatic
- 34 72190 Electroplating machines, not elsewhere classified
- 34 72800 Electroplating machinery components and accessories
- 34 72810 Anode and cathode rods
- 34 72820 Anode baskets
- 34 72830 Cathode agitators
- 34 72840 Plating baskets
- 34 72850 Plating racks and holders
- 34 72860 Electroplating tank lining
- 34 72870 Electroplating tanks: steel, wood, stainless steel, or Monel
- 34 72890 Electroplating machinery components and accessories, not elsewhere classified
- 34 72900 Electroplating and anodizing equipment, not elsewhere classified
- 34 73000 *Assembling Fixtures and Apparatus*
- 34 73100 Jigs and fixtures
- 34 73110 Assembly jigs and fixtures
- 34 73120 Machining jigs and fixtures
- 34 73130 Drill jig bushings
- 34 73190 Jigs and fixtures, not elsewhere classified
- 34 73900 Assembling fixtures and apparatus, not elsewhere classified
- 34 74000 *Riveting Machines*
- 34 74100 Helve hammer type
- 34 74110 Bench
- 34 74120 Pedestal



# METALWORKING MACHINERY—Continued

## MISCELLANEOUS METALWORKING EQUIPMENT EXCEPT METALWORKING MACHINES—Continued

### *Riveting Machines—Continued*

- 34 74200 Rotary vibrating type
- 34 74210 Bench
- 34 74220 Pedestal
- 34 74300 Spinning type
- 34 74310 Bench
- 34 74320 Pedestal
- 34 74330 Multi spindle
- 34 74400 Squeeze type
- 34 74410 Automatic
- 34 74420 Clinch nut
- 34 74900 Riveting machines, not elsewhere classified
- 34 75000 *Metal Heating Furnaces and Devices*
- 34 75100 Reheating furnaces (used in connection with rolling, forging and similar operations)

- 34 75110 Electric
- 34 75120 Except electric (include ingot reheating furnaces and soaking pits)

- 34 75200 Induction-heating devices
- 34 75300 Heating specialties (include rivet heaters)
- 34 75310 Electric
- 34 75320 Except electric
- 34 75900 Metal heating furnaces and devices, not elsewhere classified
- 34 75910 Electric
- 34 75920 Except electric
- 34 76000 *Metal Spraying Equipment*
- 34 79000 *Miscellaneous Metalworking Equipment Except Metalworking Machines, Not Elsewhere Classified*

## PORTABLE\* METALWORKING MACHINES AND TOOLS (POWER DRIVEN)

### *Portable Grinders*

- 34 81000 Pneumatic, aerial and disc type
- 34 81100 Pneumatic, except aerial and disc type
- 34 81300 Electric, flexible shaft
- 34 81400 Electric, valve refacers and valve seat grinders
- 34 81900 Electric, types, not elsewhere classified

### *Abrasive Cutting Machines*

### *Portable Drills*

- 34 83000 Pneumatic
- 34 83100 Electric

### *Portable Hammers, Nibblers, Shears, Riveters, and Similar Machines and Tools*

- 34 84000 Pneumatic
- 34 84100 Riveting hammers
- 34 84110 Scaling, clipping and caulking hammers
- 34 84120 Compression riveters, including yoke type
- 34 84130 Screw drivers, nut runners, wrenches, and tappers
- 34 84140 Portable pneumatic hammers, nibblers, shears, riveters, not elsewhere classified
- 34 84190 Electric

- 34 84200 Riveters
- 34 84210 Saws
- 34 84220 Hammers
- 34 84230 Shears
- 34 84240 Nibblers
- 34 84250 Screw drivers, nut runners, wrenches, and tappers
- 34 84260 Portable electric hammers, nibblers, shears, riveters, not elsewhere classified
- 34 84290

- 34 89000 *Portable Metalworking Machines and Tools (Power Driven), Not Elsewhere Classified*

\*Portable means that machines must be free to operate. Nonportable means that machine must be fixed to the own place.

# METALWORKING MACHINERY—Continued

34 90000	TOOLS, ATTACHMENTS AND ACCESSORIES FOR MACHINE TOOLS AND OTHER METALWORKING MACHINES
	<i>Cutting Tools for Machine Tools*</i>
34 91000	Broaches
34 91011	Flat broaches
34 91012	Round broaches
34 91013	Spline broaches
34 91019	Broaches, not elsewhere classified
34 91020	Chasers
34 91021	High speed steel thread chasers, external
34 91022	High speed steel thread chasers, internal
34 91029	Thread chasers, not elsewhere classified
34 91030	Dies, threading
34 91031	Carbon steel threading dies
34 91032	High speed steel threading dies
34 91040	Drills
34 91041	Carbon steel straight shank drills
34 91042	Carbon steel aeroplane type—extra long drills
34 91043	Carbon steel taper shank drills
34 91044	High speed steel straight shank drills
34 91045	High speed steel taper shank drills
34 91046	High speed steel oil hole and oil tube twist drills
34 91047	High speed steel gun drills
34 91049	Drills, not elsewhere classified
34 91050	Milling cutters—unground
34 91051	Hobs, except threading hobs
34 91052	Multiple thread milling cutters (threading hobs)
34 91060	Milling cutters—ground
34 91061	Hobs, except threading hobs
34 91062	Multiple thread milling cutters (threading hobs)
34 91070	Milling cutters, except hobs
34 91071	Form relieved cutters
34 91072	High speed steel (inserted blade cutters and blades)
34 91073	High speed steel taper shank and mills
34 91074	High speed steel straight shank (single and double end types)
34 91075	Cemented carbide and hard alloy tipper cutters
34 91079	Milling cutters, not elsewhere classified (include face, plain, side, shell end mills)
34 91080	Reamers
34 91081	Carbon steel hand and taper pin reamers
34 91082	Carbon steel machine reamers
34 91083	High speed steel hand and taper pin reamers
34 91084	High speed steel machine reamers
34 91085	High speed steel bridge and car reamers
34 91086	High speed steel adjustable blade reamers
34 91087	Cemented carbide or hard alloy tipped reamers
34 91089	Reamers, not elsewhere classified
34 91110	Taps
34 91111	Carbon cut thread taps
34 91112	High speed steel cut thread taps
34 91113	High speed steel ground thread taps
34 91119	Taps, not elsewhere classified
34 91120	Turning, planer and shaper tools
34 91121	High speed steel tool bits
34 91122	High speed steel cut-off blades
34 91123	High speed steel finning blades
34 91124	Cemented carbide and hard alloy bits
34 91125	High speed steel flat form tools
34 91126	Cemented carbide and hard alloy flat form tools
34 91127	High speed steel circular form tools
34 91128	Cemented carbide and hard alloy circular form tools
34 91129	Replacement tips for all cemented carbide and hard alloy tools
34 91130	Solid circular saws and slitting saws
34 91140	Metalworking saws, except solid circular

\**Cutting Tools* are defined as all types of hardened carbon, or high speed steel and cemented carbide tools, designed primarily for cutting metal and for use in power driven machine tools.

**METALWORKING MACHINERY—Continued**

**TOOLS, ATTACHMENTS AND ACCESSORIES FOR MACHINE TOOLS AND OTHER**

**METALWORKING MACHINES—Continued**

***Cutting Tools for Machine Tools—Continued***

- 34 91150 Circular metalcutting saw blades
- 34 91160 Standard type hack saw blades, power driven
  - 34 91161 Carbon steel
  - 34 91162 High speed steel
- 34 91170 Band saw blades
- 34 91180 Files for machine tools
- 34 91181 Contour band files
- 34 91189 Files for machine tools, not elsewhere classified
- 34 91210 Combined drill and countersinks
- 34 91220 Ship plate countersinks
- 34 91230 Counterbores, all types
- 34 91240 Fellows type gear cutters
- 34 91250 Rotary files and burrs
- 34 91260 Router bits
- 34 91270 Gear finishing laps and tools
- 34 91280 Boring tools
- 34 91990 Machine tool cutting tools, not elsewhere classified
- 34 92000 ***Cutting and Forming Tools for Metal Forming Machines***
- 34 92100 Cutting dies and tools
  - 34 92110 Shear blades, straight
  - 34 92120 Shear blades, disc
  - 34 92130 Punches and piercing dies
  - 34 92140 Trimming and blanking dies
  - 34 92150 Nibbling tools
  - 34 92160 Notching and coping tools
  - 34 92170 Cut off dies
  - 34 92190 Cutting dies and tools, not elsewhere classified
- 34 92200 Forming dies and tools
  - 34 92210 Forming rolls
    - 34 92211 Bending
    - 34 92212 Beading
    - 34 92213 Flanging
    - 34 92214 Seaming
    - 34 92215 Combination
  - 34 92219 Forming rolls, not elsewhere classified
- 34 92220 Forging dies
  - 34 92221 Progressive
  - 34 92222 Roller
  - 34 92223 Thread rolling
  - 34 92229 Forging dies, not elsewhere classified
- 34 92230 Plate and sheet metal dies
  - 34 92231 Bending
  - 34 92232 Drawing and forming
  - 34 92233 Coining
  - 34 92234 Embossing
  - 34 92235 Stamping
  - 34 92239 Plate and sheet metal dies, not elsewhere classified
- 34 92240 Die casting dies
- 34 92250 Extruding dies
- 34 92260 Wire drawing dies
  - 34 92261 Diamond
  - 34 92262 Wire drawing dies, except diamond
- 34 92270 Die sets
- 34 92290 Forming dies and tools, not elsewhere classified
- 34 93000 ***Attachments and Accessories for Machine Tools***
- 34 93010 Arbors
  - 34 93011 End mill, reamer and chuck
  - 34 93012 Machine type, including spacers and nuts
  - 34 93013 Mandrels (work holding type)
  - 34 93019 Arbors, not elsewhere classified
- 34 93020 Ball cranks
- 34 93030 Boring bars
- 34 93040 Boring heads
- 34 93050 Centers



# METALWORKING MACHINERY—Continued

## TOOLS, ATTACHMENTS AND ACCESSORIES FOR MACHINE TOOLS AND OTHER METALWORKING MACHINES—Continued

### *Attachments and Accessories for Machine Tools—Continued*

34 93060	Chucks
34 93061	Air and hydraulic operated
34 93062	Magnetic
34 93063	Permanent magnet type
34 93064	Drill chucks
34 93065	Lathe chucks (manually operated)
34 93066	Quick change chucks
34 93067	Spring chucks, collet chucks, draw back chucks
34 93068	Tapping chucks (reversing)
34 93069	Chucks, not elsewhere classified
34 93070	Chuck holding devices
34 93071	Collets and feed fingers
34 93072	Floating tool holders and boring heads
34 93073	Milling drill heads
34 93074	Sleeves and sockets
34 93075	Tapping attachments
34 93079	Chuck holding devices, not elsewhere classified
34 93080	Face plates and adapters
34 93081	Plain
34 93082	Indexing
34 93110	Duplicating attachments
34 93111	Electric
34 93112	Hydraulic
34 93113	Mechanical
34 93120	Grinding wheel dressing and forming tools
34 93121	Cemented carbide tipped
34 93122	Diamond tipped
34 93123	Hand and metal wheel (Huntington type)
34 93129	Grinding wheel dressing and forming tools, not elsewhere classified
34 93130	Lathe dogs, work driving dogs, and clamp dogs
34 93140	Machine table accessories (T-slot bolts and nuts, wedges, step blocks, clamps, strap clamps)
34 93150	Machine table vises
34 93160	Sleeves
34 93170	Spindles and quills
34 93180	Tail stocks
34 93210	Tool holders
34 93211	Standard Armstrong type
34 93219	Tool holders, not elsewhere classified
34 93990	Miscellaneous attachments and accessories for machine tools
34 93991	For lathes engine-tool room-manufacturing
34 93992	For grinding machines
34 93993	For milling machines
34 93994	For screw machines-automatic-turret lathes
34 93999	For machine tools, not elsewhere classified
34 94000	<i>Tool Room Specialties</i>
34 94010	Angle irons
34 94020	Bench centers
34 94030	Flat stock, ground
34 94040	Measuring wires
34 94050	Parallels
34 94060	Tool room specialty plates
34 94061	Angle plates
34 94062	Bench plates
34 94063	Lapping plates
34 94064	Surface plates
34 94070	Sine bars
34 94080	Toolmakers' clamps
34 94110	Toolmakers' flats
34 94120	Toolmakers' knee
34 94130	Toolmakers' vise
34 94140	V blocks
34 94990	Tool room specialties, not elsewhere classified

# METALWORKING MACHINERY—Continued

## TOOLS, ATTACHMENTS AND ACCESSORIES FOR MACHINE TOOLS AND OTHER

### METALWORKING MACHINES—Continued

34 95000	<i>Attachments for Primary Metal Forming Machines</i>
34 96000	<i>Attachments for Secondary Metal Forming Machines</i>
34 97000	<i>Attachments for Portable Metalworking Tools and Accessories</i>
34 97100	For pneumatic tools
34 97200	For electric tools
34 99000	<i>Attachments for Metalworking Machines, not elsewhere classified</i>

## SUPPLEMENTARY CODE 34-1 FOR TYPES OF SHELL LATHES (34 16810)

1	Band turning
2	Boring and facing
3	Centering (revolving drill and arbor)
4	Facing base
5	Shell cutting-off open end
6	Shell forming, band seat
7	Trimming end, only
8	Turning, straight and turning, profile
9	Types, not elsewhere classified

## Special Supplement to Major Group 34—Standard Chart for Coding Presses of Any Design, Type, and Size

The *Standard Classified List of Commodities* identifies the most important presses giving definite information as to their design, type, and tons pressure; all other presses, less important and seldom used, are placed in miscellaneous classes indicated in all instances by the number "9." In addition a special chart (reproduced on the next page) is developed for coding presses of all possible designs, types, and sizes. On the left side of the chart the nature of information to be used for coding purposes is given and on the right side the first column shows the digits or fixed positions of the code and the second column code numbers to be placed on those positions.

On the first digit number "3" and on the second digit number "4" make "34" indicating Major Group 34 of the *Standard Classified List of Commodities*.

On the third digit number "4" added to "34" identifies Group 344, Secondary Metal Forming and Cutting Machines, Except Machine Tools.

On the fourth digit number "2" identifies 3442, Hydraulic Presses, number "3," 3443, Mechanical Presses, and number "7," 3447, Manual Presses.

On the fifth digit, the numbers indicate various designs of hydraulic presses and of mechanical presses. For example, steam hydraulic presses will be identified as 34424 and inclinable mechanical presses as 34436.

On the sixth digit types of presses are identified by numbers 1 through 9 to be used whenever applicable.

On the seventh digit numbers 1-9 show tons pressure, on the eighth digit action of presses and on the ninth operations. For example: To code a mechanical vertical straight sided press of 800 tons pressure, the digit cells on the attached coding chart should be followed as indicated below.

On the first four digits "3443" will indicate mechanical presses, as has already been explained. On the fifth digit number "1" indicates that the machine is a one-point suspension vertical press. On the sixth digit number "1" indicates a straight sided type press. On the seventh digit the number "6" should be used for the 800 tons pressure press because the maximum pressure of this press falls within the bracket for line 6 "500 to 1,000 tons." The complete code for this press thus becomes "34 43116." If it is necessary to identify the action and operation of this press, the code numbers for the eighth and ninth digits on the chart should be used.

STANDARD CHART FOR CODING PRESSES			Digit	Code No.
Major Group 34 of the Standard Classified List.....			{ 1 2	{ 3 4
Section 344, secondary metal forming and cutting machines, except machine tools.....			3	4
Power.....	{ Hydraulic..... Mechanical..... Manual.....		{ 4	{ 2 3 7
Design.....	{ Hydraulic: Vertical—Forming, drawing..... Vertical—General, utility..... Vertical—Forging (self cont.)..... Vertical—Steam hydraulic (forging)..... Horizontal—Wheel, force, arbor..... Horizontal—Piercing, drawing..... Horizontal—Other designs.....	{ Mechanical: 1-Point vertical..... 2-Point vertical..... 4-Point vertical..... End wheel vertical..... Horizontal..... Inclinable..... Other designs.....	{ 5	{ 1 2 3 4 5 6 9
Type.....	{ Straight side..... Open rod..... Arch..... Open back..... Cap-solid back..... Horn-adjustable table..... Knuckle joint..... Wheel-force-arbor..... Other types.....		{ 6	{ 1 2 3 4 5 6 7 8 9
Tons pressure.....	{ Tons under 15..... 15 tons to 40..... 40 tons to 100..... 100 tons to 200..... 200 tons to 500..... 500 tons to 1,000..... 1,000 tons to 3,000..... 3,000 tons to 6,000..... 6,000 tons and over.....		{ 7	{ 1 2 3 4 5 6 7 8 9
Action.....	{ Straight line single..... Straight line double..... In line opposed..... Opposed and other angles..... Right angle..... Other combinations.....		{ 8	{ 1 2 3 4 5 9
Operations.....	{ Coin emboss stamp..... Drawing..... Blanking trimming..... Piercing punching..... Form flang or band..... Bend or straighten..... Nose swag forging..... Assemble or loading..... Other operations.....		{ 9	{ 1 2 3 4 5 6 7 8 9



## MAJOR GROUP 35—AGRICULTURAL MACHINERY AND IMPLEMENTS, EXCEPT TRACTORS

- 35 0000 *AGRICULTURAL MACHINERY AND IMPLEMENTS, EXCEPT TRACTORS*
- 35 1000 *PLANTING, SEEDING, AND FERTILIZING MACHINERY*
- 35 1100 *Planters*
- 35 1110     Corn, and combination corn and cotton planters
- 35 1111         One-row, drawn
- 35 1112         Two-row, drawn
- 35 1113         Three-row and over, drawn
- 35 1114         One-row, mounted
- 35 1115         Two-row, mounted
- 35 1116         Three-row and over, mounted
- 35 1120     *Potato planters*
- 35 1121         One-row
- 35 1122         Two-row
- 35 1123         Three-row
- 35 1129         Four-row and over
- 35 1200 *Transplanters*
- 35 1210     One-row, drawn or mounted
- 35 1220     Two-row, drawn or mounted
- 35 1230     Three-row and over, drawn or mounted
- 35 1240     Hand type
- 35 1300 *Drills*
- 35 1310     Beet drills
- 35 1320     Grain drills
- 35 1321         Three and five disc, one horse
- 35 1322         14 hole and under, except one horse
- 35 1329         Over 14 hole
- 35 1400 *Garden Planters, Horse or Tractor Drawn*
- 35 1500 *Broadcast Seeders*
- 35 1600 *Fertilizer Distributors And Lime Spreaders*
- 35 1610     Fertilizer distributors
- 35 1611         One-horse
- 35 1612         Two-horse or tractor-drawn
- 35 1620     Lime spreaders
- 35 1700 *Manure Spreaders*
- 35 1710     Two-wheel type
- 35 1720     Four-wheel type
- 35 1800 *Attachments For Planting, Seeding, And Fertilizing Machinery*
- 35 1900 *Planting, Seeding, And Fertilizing Machinery, Not Elsewhere Classified*
- 35 2000 *PLOWS AND LISTERS*
- 35 2100     *Walking Plows and Middlebusters*
- 35 2110         One-horse
- 35 2190         Two-horse or more
- 35 2200 *Tractor Plows, Moldboard*
- 35 2210     One bottom, drawn or mounted
- 35 2220     Two bottom, drawn or mounted
- 35 2230     Three bottom, drawn or mounted
- 35 2240     Four bottom, drawn
- 35 2250     Five bottom and over, drawn
- 35 2300 *Disc Plows, Tractor-Drawn or Mounted*
- 35 2310     One furrow
- 35 2320     Two furrow
- 35 2330     Three furrow
- 35 2340     Four furrow
- 35 2350     Five furrow and larger

# AGRICULTURAL MACHINERY AND IMPLEMENTS, EXCEPT

## TRACTORS—Continued

### PLOWS AND LISTERS—Continued

#### Disc Plows, Tractor-Drawn or Mounted—Continued

35 2360

One way disc plows

35 2361

Six feet and under

35 2362

Over six feet

35 2400

#### Listers

35 2410

Without seeding attachment

35 2411

One-row

35 2412

Two-row

35 2419

Three-row and over

35 2420

With seeding attachment

35 2421

One-row

35 2422

Two-row

35 2429

Three-row and over

35 2500

#### Subsoil Plows

35 2600

#### Plowstocks

35 2700

#### Ditching Plows

35 2800

#### Attachments and Shares for Plows and Listers

35 2810

Plow shares

35 2820

Attachments for plows and listers, except shares

35 2900

#### Plows and Listers, Not Elsewhere Classified

35 3000

### HARROWS, ROLLERS, PULVERIZERS, AND STALK CUTTERS

35 3100

#### Harrows

35 3110

Spike tooth harrow sections

35 3120

Spring tooth harrow sections, except weeders

35 3130

Disc harrows

35 3131

Single and tandem, 6 feet and under (horse type)

35 3132

Single and tandem, over 6 feet (horse type)

35 3133

Single and tandem, 6 feet and under (tractor type)

35 3134

Single and tandem, over 6 feet (tractor type)

35 3135

Tandem harrows for clover

35 3136

Offset harrows

35 3137

Brush and bog harrows

35 3139

Disc harrows, not elsewhere classified

35 3200

#### Soil Pulverizers and Packers

35 3300

#### Stalk Cutters

35 3800

#### Attachments for Harrows, Rollers, Pulverizers, and Stalk Cutters

35 3900

#### Harrows, Rollers, Pulverizers, and Stalk Cutters, Not Elsewhere Classified

35 4000

### CULTIVATORS AND WEEDERS

35 4100

#### Cultivators

35 4110

Horse-drawn, except beet and field

35 4111

One-horse

35 4119

Two-horse or more

35 4120

Tractor-mounted cultivators, except beet and field

35 4121

One-row

35 4122

Two-row

35 4123

Three and four row

35 4129

Five row and over

35 4130

Beet cultivators, drawn or tractor-mounted

35 4140

Field cultivators, drawn or tractor-mounted

35 4400

#### Rotary Hoes

35 4500

#### Rod Weeders

35 4600

#### Tooth Weeders

35 4610

Ten feet and under

35 4620

Over ten feet

35 4800

#### Attachments for Cultivators and Weeders

35 4900

#### Cultivators and Weeders Not Elsewhere Classified

35 5000

### HARVESTING AND HAYING MACHINERY

35 5100

#### Combines (Harvester-Threshers)

35 5110

Under six feet

35 5120

Over six and including ten feet

35 5190

Over ten feet

35 5200

#### Binders

35 5210

Grain binders

35 5211

Ground drive

35 5212

Power drive

# AGRICULTURAL MACHINERY AND IMPLEMENTS, EXCEPT TRACTORS—Continued

## HARVESTING AND HAYING MACHINERY—Continued

### *Binders—Continued*

- 35 5220 Rice binders
- 35 5230 Corn binders
- 35 5300 *Corn Pickers*
- 35 5310 One-row, mounted
- 35 5320 Two or more rows, mounted
- 35 5330 One-row, drawn
- 35 5340 Two or more rows, drawn

### *Field Ensilage Harvesters*

- 35 5400 *Potato Diggers*
- 35 5500 Walking plow type
- 35 5510 Horse or tractor type
- 35 5600 *Pea and Bean Harvesters*
- 35 5700 *Haying Machinery*

#### Mowers

- 35 5710 Ground drive
- 35 5712 Power take-off
- 35 5720 Rakes, except hand
- 35 5721 Sully
- 35 5722 Side delivery rakes and tedders
- 35 5723 Sweep rakes

#### Hay loaders

- 35 5730
- 35 5740 Stackers

#### Stationary

- 35 5741
- 35 5742 Combination stacker-loaders

#### Pick-up hay balers

- 35 5750 Attachments for haying machinery
- 35 5780 Haying machinery, not elsewhere classified (include field bale loaders, field hay choppers)
- 35 5790

### *Attachments for Harvesting Machinery, Except Haying*

### *Miscellaneous Harvesting Machinery*

- 35 5800 Beet lifters
- 35 5900 Cotton harvesters
- 35 5910 Cane harvesters
- 35 5920 Hop pickers
- 35 5930 Peanut diggers
- 35 5940 Beet loaders
- 35 5950 Harvesting machinery, not elsewhere classified (include wind-rows, seed harvesters and strippers)

## MACHINES FOR PREPARING CROPS FOR MARKET AND FOR USE

### *Threshers*

- 35 6000
- 35 6100 Grain threshers, including rice and alfalfa, 28 inches and under
- 35 6110 Grain threshers, including rice and alfalfa, over 28 inches
- 35 6120 Pea and bean threshers
- 35 6130

### *Peanut Pickers*

- 35 6200
- 35 6300 *Ensilage Cutters (Silo Fillers)*

### *Corn Shellers*

- 35 6400 Hand
- 35 6410 Power, spring type
- 35 6420 Power, cylinder type, 150 bushels per hour and under
- 35 6430 Power, cylinder type, over 150 bushels per hour
- 35 6440

### *Corn Huskers and Shredders*

- 35 6500 Combination husker-shredders
- 35 6510 Huskers
- 35 6520

### *Stationary Hay Balers*

- 35 6600 Horse hay balers
- 35 6610 Engine hay balers
- 35 6620

### *Attachments for Machines for Preparing Crops for Market and for Use*

### *Miscellaneous Machines for Preparing Crops for Market and for Use*

- 35 6900 Potato sorters and graders
- 35 6910 Cane mills (farm type)
- 35 6920 Maple sirup evaporators
- 35 6930 Sets of pans, except furnaces
- 35 6932 Furnaces for maple sirup evaporators



**AGRICULTURAL MACHINERY AND IMPLEMENTS, EXCEPT TRACTORS—Continued**

**MACHINES FOR PREPARING CROPS FOR MARKET AND FOR USE—Continued**  
*Miscellaneous Machines for Preparing Crops for Market and for Use—Continued*

35 6940	Cane sirup evaporators
35 6941	Sets of pans, except furnaces
35 6942	Furnaces for cane sirup evaporators
35 6950	Cider mills and fruit presses
35 6960	Cleaners and graders, corn and grain
35 6990	Machines for preparing crops for market and for use, not elsewhere classified
35 7000	<b>FARM DAIRY AND POULTRY MACHINES AND EQUIPMENT</b>
35 7100	<i>Milking Machines</i>
35 7110	Single milker units
35 7120	Double milker units
35 7130	Vacuum pump units
35 7200	<i>Cream Separators</i>
35 7210	Gravity and water dilution types
35 7220	Hand or power operated, capacity 250 pounds or less per hour
35 7230	Hand or power operated, capacity 251 pounds to 800 pounds per hour
35 7240	Hand or power operated, capacity 801 pounds to 1500 pounds per hour
35 7300	<i>Miscellaneous Farm Dairy Equipment</i>
35 7310	Farm milk coolers
35 7311	Immersion type
35 7312	Surface or tubular type
35 7320	Farm hand churns
35 7390	Miscellaneous farm dairy equipment, not elsewhere classified
35 7400	<i>Incubators</i>
35 7410	1,000-egg capacity and smaller
35 7420	1,001 to 19,999-egg capacity
35 7490	20,000 and over egg capacity
35 7500	<i>Brooders</i>
35 7510	Floor brooders
35 7511	Oil
35 7512	Coal
35 7513	Gas
35 7514	Wood
35 7515	Electric
35 7520	Battery brooders, heated
35 7521	Three deck and smaller
35 7522	Four deck
35 7523	Five deck and over
35 7600	<i>Growing and Laying Batteries</i>
35 7610	Growing batteries
35 7620	Laying batteries
35 7700	<i>Poultry Feeders and Waterers</i>
35 7710	Feeders
35 7720	Waterers
35 7800	<i>Attachments For Farm Dairy And Poultry Machines And Equipment</i>
35 7810	Attachments for farm dairy machines and equipment
35 7820	Attachments for farm poultry equipment
35 7900	<i>Miscellaneous Farm Dairy And Poultry Machines And Equipment</i>
35 7910	Farm dairy machines and equipment, not elsewhere classified
35 7920	Farm poultry equipment, not elsewhere classified
35 8000	<b>BARN AND BARNYARD EQUIPMENT</b>
35 8100	<i>Feed and Litter Carriers</i>
35 8110	Feed carriers
35 8120	Litter carriers
35 8200	<i>Hay Unloading Equipment</i>
35 8210	Hay carriers
35 8220	Hay forks (harpoon, grapple, sling)
35 8300	<i>Cattle Stalls, Pens, Stanchions and Fittings</i>
35 8400	<i>Animal Watering Equipment (Include Livestock Drinking Cups and Barnyard Stock Tanks)</i>

**AGRICULTURAL MACHINERY AND IMPLEMENTS, EXCEPT  
TRACTORS—Continued**

**BARN AND BARNYARD EQUIPMENT—Continued**

35 8500 *Feeders, Feed Cookers, and Tank Heaters*

35 8510 *Livestock feeders*

35 8520 *Feed cookers*

35 8530 *Tank heaters*

35 8900 *Barn And Barnyard Equipment, Not Elsewhere Classified*

**MISCELLANEOUS FARM MACHINES AND EQUIPMENT**

35 9100 *Sprayers and Spray Pumps*

35 9110 *Powers sprayers*

35 9120 *Traction sprayers*

35 9130 *Hand sprayers*

35 9131 *Under 1 quart*

35 9132 *1 quart but less than 6 gallons (with tank, knapsack, or other container)*

35 9133 *6 gallons and over (with tank, knapsack, or other container)*

35 9134 *Bucket type*

35 9140 *Spray pumps (without tank or other container)*

35 9200 *Dusters*

35 9210 *Power dusters*

35 9220 *Traction dusters*

35 9230 *Hand dusters, agricultural*

35 9300 *Orchard Heaters*

35 9400 *Animal Shears*

35 9410 *Power*

35 9420 *Hand*

35 9500 *Weed Burners*

35 9900 *Farm Machines and Equipment, not elsewhere classified*

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## MAJOR GROUP 36—CONSTRUCTION, MINING, EXCAVATING AND RELATED MACHINERY <sup>1</sup>

36 0000	CONSTRUCTION, MINING, EXCAVATING AND RELATED MACHINERY
36 1000	MINING AND QUARRYING MACHINERY
36 1100	Coal Cutting Machines
36 1110	Shortwall
36 1120	Longwall
36 1130	Universal
36 1131	Track-mounted type
36 1132	Crawler-mounted type
36 1180	Coal cutting machine accessories
36 1181	Track-type cutting machine trucks
36 1182	Crawler-type cutting machine trucks
36 1183	Cable reels
36 1184	Cutter-bar assemblies
36 1185	Cutting machine bits
36 1187	Cutter bar chains
36 1189	Coal cutting machine accessories, not elsewhere classified
36 1200	Underground Loaders
36 1210	Track-mounted coal loading machines
36 1220	Crawler-mounted coal loading machines
36 1230	Mechanical car loaders, shovel type
36 1231	Mucking machines
36 1232	Tunnel loaders
36 1240	Slusher loaders, air and electric
36 1250	Scraper loaders
36 1290	Underground loaders, not elsewhere classified
36 1300	Stone Quarrying Machines
36 1310	Stone channeling machines
36 1320	Stone sawing machines
36 1390	Stone quarrying machines, not elsewhere classified
36 1500	Ore Dressing and Coal Preparation Machinery
36 1510	Jigs
36 1511	Ore jigs
36 1512	Coal jigs
36 1520	Gravity concentrating tables
36 1521	Wet tables
36 1522	Dry tables (Air-gravity concentrating tables)
36 1530	Sink-float machines (Heavy density separators)
36 1531	Stable media type
36 1532	Heavy media type
36 1540	Flotation machines
36 1541	Mechanical type
36 1542	Pneumatic type
36 1543	Combination type
36 1550	Log washers and scrubbers
36 1590	Ore dressing and coal preparation machinery, not elsewhere classified
36 1900	Miscellaneous Mining and Quarrying Machinery
36 1910	Hoisting accessories
36 1911	Cages
36 1912	Ore buckets and cans
36 1914	Skips
36 1920	Mine car dumpers

<sup>1</sup> See Supplementary Codes 36-1 for type of power by which operated and 36-2 for capacity rating, in cubic yards on page 343.

# CONSTRUCTION, MINING, EXCAVATING AND RELATED MA- CHINERY—Continued

## MINING AND QUARRYING MACHINERY—Continued

### Miscellaneous Mining and Quarrying Machinery—Continued

- 36 1930 Rock dust distributing machines
- 36 1940 Hydraulic giants
- 36 1950 Adjustable mine props
- 36 1960 Carbon dioxide coal breaking equipment
- 36 1990 Mining and quarrying machinery and equipment, not elsewhere classified

## 36 2000 EARTH AND ROCK BORING AND DRILLING MACHINERY AND ACCESSORIES, EXCEPT WELL AND BLAST HOLE DRILLING MACHINERY

### 36 2100 *Rock Drills, Hand-Held*

- 36 2110 Rotating
- 36 2120 Non-rotating

### 36 2200 *Rock Drills, Mounted*

- 36 2210 Rotating
- 36 2211 Drifters
- 36 2212 Wagon drills
- 36 2219 Mounted rotating rock drills, not elsewhere classified
- 36 2220 Non-rotating
- 36 2221 Piston drills
- 36 2229 Mounted non-rotating rock drills and accessories, not elsewhere classified

## 36 2300 *Mountings for Mounted Rock Drills (Include Columns, Arms, Clamps, Cradles, Tripods)*

### 36 2400 *Stoppers*

## 36 2500 *Power Augers and Mountings (For Earth and Soft Rock)*

- 36 2510 Horizontal
- 36 2520 Vertical (include post hole drills)

### 36 2600 *Rock Drill Accessories*

- 36 2610 Detachable rock drill bits
- 36 2620 Shanks for rock drill bits

### 36 2700 *Core Drills*

- 36 2710 Diamond core drills
- 36 2720 Calyx core drills
- 36 2730 Shot core drills

### 36 2800 *Core Drill Accessories*

- 36 2810 Diamond bits
- 36 2820 Bits, except diamond
- 36 2830 Core drill rods
- 36 2840 Core drill fishing tools
- 36 2890 Core drill accessories, not elsewhere classified

## 36 2900 *Earth and Rock Boring and Drilling Machinery, Not Elsewhere Classified*

## 36 3000 WELL AND BLAST HOLE DRILLING MACHINERY

### 36 3100 *Oil Well Machinery*

- 36 3110 Rotary drill rigs
- 36 3120 Cable tool drill rigs
- 36 3130 Oil well drilling tools
- 36 3140 Oil well fishing tools
- 36 3150 Oil well head equipment
- 36 3190 Oil well machinery, not elsewhere classified

### 36 3200 *Water Well Drill Rigs*

- 36 3210 Cable tool drill rigs
- 36 3220 Rotary drill rigs

### 36 3300 *Blast Hole Drill Rigs*

## 36 3400 *Well and Blast Hole Drilling Tools, Except Oil Well*

## 36 3900 *Well and Blast Hole Drilling Equipment, Not Elsewhere Classified*

## EXCAVATING AND DREDGING MACHINERY

### 36 4100 *Excavators and Attachments*

- 36 4110 Excavators, power; with shovel, dragline, clamshell, crane, skimmer scoop, trench hoe, piledriver booms and attachments, or any combination of these

### 36 4111 *Crawler-mounted*

### 36 4112 *Wheel-mounted*

### 36 4113 *Walker-mounted*

## 36 4119 *Mountings, not elsewhere classified*

# CONSTRUCTION, MINING, EXCAVATING AND RELATED MACHINERY—Continued

## EXCAVATING AND DREDGING MACHINERY—Continued

### *Excavators and Attachments—Continued*

- 36 4120 Booms and other digging-end conversion attachments for excavators
- 36 4130 Buckets for excavators
- 36 4131 Dragline buckets
- 36 4132 Clamshell buckets
- 36 4133 Orange peel buckets
- 36 4139 Excavator buckets, not elsewhere classified
- 36 4190 Excavator accessories, not elsewhere classified
- 36 4200 *Dredges (Include Equipment Without Hull)*
- 36 4210 Hydraulic (Suction)
- 36 4220 Dipper and clamshell
- 36 4230 Endless bucket line
- 36 4290 Dredges, not elsewhere classified
- 36 4300 *Scrapers*
- 36 4310 Drag, Fresno, and rotary hand operated
- 36 4320 Hauling, drawn type
- 36 4330 Hauling, self-propelled
- 36 4400 *Trenchers and Ditchers*
- 36 4410 Blade type
- 36 4420 Ladder type
- 36 4430 Wheel type
- 36 4500 *Contractors' Crawler Wagons*
- 36 4510 Hydraulic operated
- 36 4520 Cable operated
- 36 5000

## ROAD AND AIRPORT CONSTRUCTION AND MAINTENANCE MACHINERY, EXCEPT TRACTOR MOUNTED

### *Road and Airport Construction Equipment*

- 36 5100 Discs, road
- 36 5110 Drags
- 36 5130 Graders
- 36 5131 Elevating type
- 36 5132 Self-propelled type
- 36 5133 Pull type
- 36 5134 Under truck type
- 36 5140 Plows, cable laying
- 36 5150 Rippers
- 36 5160 Rollers
- 36 5161 Drawn type
- 36 5162 Self-propelled type
- 36 5170 Filling machines, joint and crack
- 36 5190 Road and airport construction equipment, not elsewhere classified
- 36 5200 *Road and Airport Maintenance Equipment*
- 36 5210 Maintainers
- 36 5211 Self-propelled type
- 36 5212 Pull type
- 36 5220 Loaders, snow
- 36 5230 Jacks, mud
- 36 5240 Plows, snow
- 36 5241 Blade type
- 36 5242 Rotary type
- 36 5250 Sanders, traction
- 36 5260 Scarifiers, highway
- 36 5270 Sweepers and brooms for roads and streets
- 36 5271 Sweepers
- 36 5272 Brooms
- 36 5290 Road and airport maintenance equipment, not elsewhere classified
- 36 6000 **TRACTOR-MOUNTED CONSTRUCTION EQUIPMENT (Do Not Include Tractors)**
- 36 6100 *Angledozers*
- 36 6200 *Bulldozers*
- 36 6300 *Excavators and Cranes (Include Convertible and Non-Convertible Types)*
- 36 6400 *Pipe Layers*



# CONSTRUCTION, MINING, EXCAVATING AND RELATED MACHINERY—Continued

## TRACTOR-MOUNTED CONSTRUCTION EQUIPMENT (DO NOT INCLUDE TRACTORS)—Continued

- 36 6500 *Power Control Units for Tractor-Mounted Construction Equipment*
- 36 6510 *Hydraulic*
- 36 6520 *Cable*
- 36 6600 *Snow Plows, Tractor-Mounted*
- 36 6610 *Blade type*
- 36 6620 *Rotary type*
- 36 6900 *Tractor-Mounted Construction Equipment, Not Elsewhere Classified*
- 36 7000 **MIXERS AND PAVERS, BITUMINOUS AND CONCRETE, AND RELATED EQUIPMENT**
  - 36 7100 *Bituminous Mixing and Paving Equipment*
  - 36 7110 *Mixing plants, portable*
  - 36 7120 *Stabilizing plants*
  - 36 7130 *Mixers, bituminous*
    - 36 7131 *Under 10 ton per hour capacity*
    - 36 7132 *10 tons and over per hour capacity*
  - 36 7140 *Bituminous pavers and finishers*
  - 36 7141 *Pavers*
  - 36 7142 *Finishers*
  - 36 7150 *Loaders, portable bucket, except coal and snow*
  - 36 7160 *Distributors and related equipment*
    - 36 7161 *Bituminous distributors, trailer type*
    - 36 7162 *Bituminous distributors, truck mounted (do not include truck)*
  - 36 7163 *Sprayers for bituminous materials*
  - 36 7170 *Spreaders, aggregate*
  - 36 7180 *Heaters and heating kettles*
    - 36 7181 *Heaters, asphalt surface*
    - 36 7182 *Heaters and circulators, tank car*
    - 36 7183 *Kettles, bituminous heating*
  - 36 7190 *Bituminous mixing and paving equipment, not elsewhere classified*
  - 36 7200 *Concrete Mixing and Paving Construction Equipment*
  - 36 7210 *Mixers, concrete, plaster, and mortar*
    - 36 7211 *Mixer-agitators, truck type*
    - 36 7212 *Mixers, concrete, except truck type*
    - 36 7213 *Mixers, plaster and mortar*
  - 36 7220 *Pavers, concrete*
  - 36 7230 *Sub-graders and fine graders*
    - 36 7231 *Drawn type*
    - 36 7232 *Self-propelled type*
  - 36 7240 *Auxiliary concrete construction equipment*
    - 36 7241 *Buggies and carts, concrete*
    - 36 7242 *Prefabricated steel concrete forms*
    - 36 7243 *Form tamping machines*
    - 36 7244 *Vibrators, concrete*
    - 36 7245 *Hoppers, concrete, portable*
  - 36 7250 *Finishers, concrete paving*
    - 36 7251 *Transverse*
    - 36 7252 *Longitudinal*
  - 36 7260 *Heaters, concrete mixer*
  - 36 7270 *Spreaders, concrete paving*
  - 36 7280 *Concrete mixing and paving equipment, not elsewhere classified*
- 36 8000 **RAILROAD CONSTRUCTION AND MAINTENANCE EQUIPMENT, POWER DRIVEN (EXCEPT INSPECTION AND MAINTENANCE RAILROAD CARS)**
- 36 9000 **MISCELLANEOUS CONSTRUCTION AND RELATED EQUIPMENT**
  - 36 9100 *Concrete Surfacing Machines, Except Paving*
  - 36 9200 *Batchers, Weighing, for Aggregate or Cement*
  - 36 9300 *Jacks, Except Automobile and Truck Types*
    - 36 9310 *Hydraulic*
    - 36 9320 *Screw (include Jack props)*
    - 36 9390 *Jacks, except automobile and truck types, not elsewhere classified*
  - 36 9400 *Pneumatic Hammers (Include Paving Brakers, Clay Spades)*
    - 36 9500 *Clay Spades)*
    - 36 9500 *Salamanders*
    - 36 9600 *Chutes*

CONSTRUCTION, MINING, EXCAVATING AND RELATED MACHINERY—Continued

36 9700	MISCELLANEOUS CONSTRUCTION AND RELATED EQUIPMENT—Continued
36 9800	<i>Scaffolding Equipment, Demountable</i>
36 9900	<i>Mixing Boxes, Steel</i>
	<i>Construction and Related Equipment, Not Elsewhere Classified</i>

SUPPLEMENTARY CODE 36-1

*Type of Power by Which Operated (First Digit Added to Code Number Indicates the Type of Power)*

0	Power unspecified (To be used only with Supplementary Code No. 36-2, when type of power is not to be coded but cubic yard rating is to be coded.)
1	Diesel
2	Gasoline
3	Electric
4	Steam
5	Diesel-electric
6	Gasoline-electric
7	Gas (natural or manufactured)
9	Power, not elsewhere classified

SUPPLEMENTARY CODE 36-2

*Capacity Rating in Cubic Yards (Two Digits Added to Code Number After Adding Supplementary Power Code Digit From Supplementary Code 36-1)*

10	Not over 3 cubic yards
11	$\frac{3}{8}$ cubic yard or less
12	Over $\frac{3}{8}$ cubic yard, not over $\frac{1}{2}$ cubic yard
13	Over $\frac{1}{2}$ cubic yard, not over $\frac{3}{4}$ cubic yard
14	Over $\frac{3}{4}$ cubic yard, not over 1 cubic yard
15	Over 1 cubic yard, not over $1\frac{1}{2}$ cubic yard
16	Over $1\frac{1}{2}$ cubic yard, not over 2 cubic yards
17	Over 2 cubic yards, not over $2\frac{1}{2}$ cubic yards
18	Over $2\frac{1}{2}$ cubic yards, not over 3 cubic yards
20	Over 3 cubic yards
21	Over 3 cubic yards, not over 5 cubic yards
22	Over 5 cubic yards, not over 10 cubic yards
23	Over 10 cubic yards, not over 15 cubic yards
24	Over 15 cubic yards, not over 25 cubic yards
25	Over 25 cubic yards, not over 50 cubic yards
29	Over 50 cubic yards





## MAJOR GROUP 37—TRACTORS

37 0000	TRACTORS
37 1000	WHEEL TYPE TRACTORS
37 1100	Wheel Type, Special Purpose
37 1110	Under 30 belt hp
37 1120	30 and over belt hp
37 1200	Wheel Type, All-Purpose
37 1210	Under 30 belt hp
37 1220	30 and over belt hp
37 2000	GARDEN TRACTORS, INCLUDING MOTOR TILLERS
37 3000	TRACK-LAYING TRACTORS
37 3100	Track-Laying, Carburetor Type
37 3110	Less than 35 drawbar hp
37 3120	35 but less than 50 drawbar hp
37 3130	50 but less than 65 drawbar hp
37 3140	65 but less than 86 drawbar hp
37 3190	86 and over drawbar hp
37 3200	Track-Laying, Injection Type (Diesel)
37 3210	Less than 35 drawbar hp
37 3220	35 but less than 50 drawbar hp
37 3230	50 but less than 65 drawbar hp
37 3240	65 but less than 86 drawbar hp
37 3290	86 and over drawbar hp
37 4000	TRACTOR ENGINES
37 4100	Injection Type (Diesel)
37 4200	Carburetor Type
37 5000	ACCESSORIES FOR TRACTORS, EXCEPT TRACTOR-MOUNTED CONSTRUCTION EQUIPMENT
37 5100	Wheel And Garden
37 5200	Track-Laying Type
37 9000	TRACTORS, NOT ELSEWHERE CLASSIFIED



## MAJOR GROUP 38—OFFICE MACHINES

- 38 0000 OFFICE MACHINES
- 38 1000 ACCOUNTING STATISTICAL MACHINES
- 38 1100 *Punched Card, Bookkeeping, Tabulating and Accounting Machines  
And Collateral Equipment*
- 58 1200 *Billing Machines, Accounting Principles, and Collateral Equipment  
Except Autographic Registers*
- 38 1300 *Continuous Forms Handling Machines, Typewriter Principle, Hav-  
ing Forms Handling Devices Constructed as an Integral Part  
of Machine*
- 38 1900 *Accounting and Statistical Machines, Not Elsewhere Classified*
- 38 2000 COMPUTING MACHINES
- 38 2100 *Adding Machines*
- 38 2200 *Calculating Machines*
- 38 2900 *Computing Machines, Not Elsewhere Classified*
- 38 3000 COIN, CURRENCY, AND CHECK HANDLING MACHINES
- 38 3100 *Coin Registering Machines*
- 38 3200 *Currency Counting Machines*
- 38 3300 *Payroll Denominating Machines*
- 38 3400 *Coin Counting, Sorting, Wrapping, and Change Making Machines*
- 38 3500 *Check Writing Machines*
- 28 3600 *Check Dating, Endorsing, Signing, Canceling, Protecting, and  
Numbering Machines*
- 38 3700 *Check Sorting Machines*
- 38 3800 *Check Handling Machines, Not Elsewhere Classified*
- 38 3900 *Coin and Currency Handling Machines, Not Elsewhere Classified*
- 38 4000 DICTATING MACHINES AND COLLATERAL EQUIPMENT
- 38 4100 *Dictating Machines*
- 38 4200 *Transcribing Machines*
- 38 4300 *Cylinder-Shaving Machines*
- 38 4400 *Conference and Telephone Recording Machines*
- 38 4900 *Dictating Machines and Collateral Equipment, Not Elsewhere  
Classified*
- 38 5000 DUPLICATING MACHINES
- 38 5100 *Spirit Duplicating Machines*
- 38 5200 *Stencil Duplicating Machines*
- 38 5300 *Ink Ribbon Duplicating Machines*
- 38 5400 *Gelatin Duplicating Machines*
- 38 5500 *Offset Duplicating Machines*
- 38 5600 *Reproducing Typewriters*
- 38 5900 *Duplicating Machines, Not Elsewhere Classified*
- 38 6000 TIME RECORDING AND TIME STAMPING MACHINES
- 38 6100 *Time Recording Machines, Except Watchmen's Clocks*
- 38 6200 *Time Stamping Machines*
- 38 7000 ADDRESSING AND MAILING MACHINES
- 38 7100 *Postal Permit Mailing and Stamp Affixing Machines*
- 38 7200 *Envelope Opening Machines*
- 38 7300 *Envelope Sealing Machines*
- 38 7400 *Folding-and-Inserting-of-Contents Machines*
- 38 7500 *Addressing Machines*
- 38 7900 *Addressing and Mailing Machines, Not Elsewhere Classified*
- 38 8000 TYPEWRITERS
- 38 8100 *Standard*
- 38 8110 *Electric*
- 38 8120 *Standard, except electric*
- 38 8200 *Portable*



	<b>OFFICE MACHINES—Continued</b>	
	<b>MISCELLANEOUS OFFICE MACHINES</b>	
38 9000	<i>Office Composing Machines (Changeable Type, Changeable Horizontal and Vertical Spacing, Uniform Impression)</i>	
38 9100	<i>Autographic Registers</i>	
38 9200	<i>Microfilm Machines for Office Use</i>	
38 9300	<i>Shorthand Writing Machines</i>	
38 9400	<i>Card Punching and Sorting Devices Actuated Manually and Collateral Equipment</i>	
38 9500	<i>Continuous Forms Handling Devices and Attachments, Except Typewriter Principle</i>	
38 9600	<i>Attachments and Collateral Equipment for Office Machines, Not Elsewhere Classified</i>	
38 9800	<i>Office Machines, Not Elsewhere Classified</i>	
38 9900	<i>Stencil cutting machines</i>	
38 9910		

## MAJOR GROUP 39—MISCELLANEOUS MACHINERY

- 39 0000 *MISCELLANEOUS MACHINERY*
- 39 1000 *LAUNDRY AND DRY CLEANING MACHINERY AND EQUIPMENT<sup>1</sup>*
- 39 1100 *Domestic (Home Type) Laundry Equipment*
- 39 1110 Washing machines
- 39 1111 Midget size (apartment size)
- 39 1112 Standard size
  - 39 11121 Automatic (semi or fully)
  - 39 11122 Non-automatic, wringer type
  - 39 11123 Non-automatic, with centrifugal drier
  - 39 11129 Non-automatic type, not elsewhere classified
- 39 1119 Washing machines, domestic, not elsewhere classified
- 39 1120 Wringers, extractors and driers
- 39 1121 Wringers
  - 39 11211 Hand-operated
  - 39 11212 Power-operated
- 39 1122 Extractors for home laundry use
- 39 1123 Driers, cabinet type
- 39 1124 Drying racks, rigid or collapsible
- 32 1130 Ironers and ironing attachments
- 39 1131 Flat bed type
- 39 1132 Rotary type (mangle)
  - 39 11321 Electrically heated
  - 39 11322 Gas heated
  - 39 11323 Gasoline heated
- 39 1133 Ironing attachments for washing machines
- 39 1139 Ironers, not elsewhere classified
- 39 1190 Domestic laundry and dry cleaning machinery and equipment, not elsewhere classified
- 39 1200 *Commercial Laundry Equipment*
- 39 1210 Laundry washers, washer cylinders, and shells
- 39 1211 Washers, metal
  - 39 12111 Cylinders 24" to 30" diameter and smaller
  - 39 12112 Cylinders 31" to 40" diameter
  - 39 12113 Cylinders 41" to 48" diameter
  - 39 12114 Cylinders over 48" diameter
- 39 1212 Washers, wood
  - 39 12121 Cylinders 24" to 30" diameter and smaller
  - 39 12122 Cylinders 31" to 40" diameter
  - 39 12123 Cylinders 41" to 48" diameter
  - 39 12124 Cylinders over 48" diameter
- 39 1213 Cylinders and shells for washers
  - 39 12131 Cylinders, metal, repair type
  - 39 12132 Cylinders, wood, repair type
  - 39 12133 Shells, metal, repair type
  - 39 12134 Shells, wood, repair type
- 39 1220 Extractors
- 39 1221 Baskets 18" diameter and smaller
- 39 1222 Baskets 19" to 30" diameter
- 39 1223 Baskets 31" to 48" diameter
- 39 1224 Baskets over 48" diameter
- 36 1230 Drying tumblers
- 39 1231 Cylinders less than 36" diameter
- 39 1232 Cylinders 36" diameter and larger, open end type
  - 39 12321 Once through type
  - 39 12322 Recirculating type

<sup>1</sup> See Supplementary Code 39-1 for type of power on page 352.

MISCELLANEOUS MACHINERY—Continued

LAUNDRY AND DRY CLEANING MACHINERY AND EQUIPMENT—Continued

Commercial Laundry Equipment—Continued

- Drying tumblers—Continued
  - 39 1233 Cylinders 36" diameter and larger, side loading type
    - 39 12331 Once through type
    - 39 12332 Recirculating type
- 39 1240 Flat work ironers and accessories
- 39 1241 Cylinder type, gas or electric heated
- 39 1242 Cylinder type, steam heated
  - 39 12421 One cylinder
  - 39 12422 Two cylinders
  - 39 12423 Three or more cylinders
- 39 1243 Roll chest type, gas or electric heated
- 39 1244 Roll chest type, steam heated
  - 39 12441 One roll chest
  - 39 12442 Two roll chests
  - 39 12443 Four roll chests
  - 39 12444 Six roll chests
  - 39 12445 Eight roll and over chests
- 39 1245 Flat work ironer accessories
  - 39 12451 Canopies
  - 39 12452 Shakeout devices
  - 39 12453 Spreaders
  - 39 12454 Feeding devices
  - 39 12455 Stripping devices
  - 39 12456 Folding devices
  - 39 12457 Cooling devices
  - 39 12458 Stacking devices
  - 39 12459 Flat work ironer accessories, not elsewhere classified
- 39 1250 Laundry finishing equipment and accessories
- 39 1251 Shirt finishing presses, power operated
  - 39 12511 36" and under
  - 39 12512 Over 36"
- 39 1252 Shirt finishing presses, manually operated
  - 39 12521 36" and under
  - 39 12522 Over 36"
- 39 1253 Garment finishing presses, power operated
  - 39 12531 36" and under
  - 39 12532 Over 36"
- 39 1254 Garment finishing presses, manually operated
  - 39 12541 36" and under
  - 39 12542 Over 36"
- 39 1255 Handkerchief and napkin presses
- 39 1256 Collar finishing equipment
  - 39 12561 Collar ironers
  - 39 12562 Collar folder edgers
  - 39 12563 Collar tube shapers
  - 39 12564 Collar tappers
  - 39 12565 Collar seam dampeners
  - 39 12569 Collar finishing equipment, not elsewhere classified
- 39 1257 Laundry finishing equipment accessories
  - 39 12571 Shirt folding and finishing tables
  - 39 12572 Ironing boards
  - 39 12573 Heated forms
  - 39 12574 Hosiery driers
  - 39 12575 Handkerchief fluffers
  - 39 12576 Dampening devices, except collar seam dampeners
  - 39 12579 Laundry finishing accessories, not elsewhere classified
- 39 1260 Starching equipment
- 39 1261 Starching machines
- 39 1262 Starch cookers
- 39 1263 Starch tables
- 39 1269 Starching equipment, not elsewhere classified



**MISCELLANEOUS MACHINERY—Continued**  
**LAUNDRY AND DRY CLEANING MACHINERY AND EQUIPMENT—Continued**  
*Commercial Laundry Equipment—Continued*

- 39 1270 Rug cleaning equipment
- 39 1271 Rug washers
- 39 1272 Rug driers
- 39 1279 Rug cleaning equipment, not elsewhere classified
- 39 1280 Feather cleaning and sterilizing equipment
- 39 1290 Miscellaneous commercial laundry equipment
- 39 1291 Marking machines
  - 39 12911 Manual
  - 39 12912 Power
- 39 1292 Listing machines
- 39 1293 Marking tables
- 39 1294 Identification pins and tags
- 39 1295 Commercial laundry tubs
  - 39 12951 Stationary
  - 39 12952 Truck or caster mounted
- 39 1296 Folding and finishing tables
- 39 1297 Curtain and blanket driers
- 39 1298 Blanket napping machines
- 39 1299 Commercial laundry equipment, not elsewhere classified
- 39 1300 *Dry Cleaning Equipment*
- 39 1310 Dry cleaning units
  - 39 1311 Synthetic solvent type
  - 39 1312 Naphtha solvent type
- 39 1320 Dry cleaning presses
  - 39 1321 Utility type
  - 39 1322 Mushroom type
  - 39 1323 Hat crown finishers
- 39 1329 Dry cleaning presses, not elsewhere classified
- 39 1390 Dry cleaning equipment, not elsewhere classified
- 39 2000 **SEWING MACHINES, HOUSEHOLD**
- 39 2100 *Motor Drive*
- 39 2200 *Treadle Drive*
- 39 2300 *Hand Drive*
- 39 2310 Standard
- 39 2320 Miniature, except toy
- 39 3000 **DISHWASHING MACHINERY**
- 39 4000 **SCALES AND BALANCES, EXCEPT LABORATORY**
- 39 4100 *Automatic Industrial Scales*
- 39 4200 *Beam Scales*
- 39 4210 Railroad
- 39 4220 Beam scales, except railroad
- 39 4300 *Calculating and Computing Scales*
- 39 4310 Spring
- 39 4320 Springless
- 39 4400 *Coin-Operated Scales*
- 39 4500 *Spring Scales, Household*
- 39 4510 Kitchen
- 39 4520 Bathroom
- 39 4600 *Spring Scales, Except Household and Computing*
- 39 4700 *Weights, Except Laboratory*
- 39 4800 *Attachments for Scales and Balances*
- 39 4900 *Scales and Balances, Except Laboratory, Not Elsewhere Classified*
- 39 5000 **CASH REGISTERS**
- 39 5100 *Electric*
- 39 5200 *Non-electric*
- 39 6000 **COIN-OPERATED MACHINES**
- 39 6100 *Vending Machines*
- 39 6200 *Amusement Machines*
- 39 6900 *Coin-Operated Machines, Not Elsewhere Classified*
- 39 7000 **PACKAGING MACHINERY**
- 39 7100 *Filling Machines*
- 39 7110 For liquids (include bottle filling, drum filling, and barrel filling machines)
- 39 7120 For dry materials

# MISCELLANEOUS MACHINERY—Continued

## PACKAGING MACHINERY—Continued

### Filling Machines—Continued

- 39 7130 For pastes and semi-liquids
- 39 7131 Collapsible tube filling machines
- 39 7139 Filling machines for pastes and semi-liquids, not elsewhere classified

### Weighing Machines, Except Scales and Balances

- 39 7210 Net weight machines, automatic
- 39 7290 Weighing machines, except scales and balances, not elsewhere classified

### Cartoning Machines

- 39 7300 Carton-forming and carton-lining machines
- 39 7320 Carton-filling and sealing (closing) machines
- 39 7390 Cartoning machines, not elsewhere classified

### Wrapping Machines

- 39 7410 For wrapping only
- 39 7420 For wrapping and sealing

### Package Sealing Machines and Stapling Machines

- 39 7510 Package sealing machines
- 39 7520 Package stapling machines

### Capping Machines

- 39 7610 Crown capping
- 39 7620 Screw capping
- 39 7690 Capping machines, not elsewhere classified

### Labeling Machines

- 39 7800 Combination Packaging Machines (Include Units Performing Multiple Operations of Filling, Weighing, Wrapping, and Sealing, Except Carton Forming and Carton Lining Machines, Carton-Filling and Sealing (Closing) Machines, Wrapping and Sealing Machines)

### Packaging Machinery, Not Elsewhere Classified

- 39 7900
- 39 9000 MACHINERY, EQUIPMENT AND ACCESSORIES, NOT ELSEWHERE CLASSIFIED

## SUPPLEMENTARY CODE 39-1 FOR TYPE OF POWER (39 1000)

- 1 Unit electric motor drive
- 2 Unit gasoline motor drive
- 3 Belt drive
- 4 Hand-powered
- 9 Type of power, not elsewhere classified

## MAJOR GROUP 41—COMMUNICATION EQUIPMENT AND ELECTRONIC DEVICES

- 41 0000 COMMUNICATION EQUIPMENT AND ELECTRONIC DEVICES
- 41 1000 RADIO BROADCAST RECEIVING EQUIPMENT<sup>1</sup>
  - 41 1100 Home Radio Receivers, Amplitude Modulated
  - 41 1200 Home Radio Receivers, Frequency Modulated
  - 41 1300 Automobile Receivers
  - 41 1400 Television Receivers and Television and Audio Combinations
  - 41 1500 Portable Receivers
  - 41 1900 Broadcast Receiving Equipment, Not Elsewhere Classified
- 41 2000 RADIO BROADCAST TRANSMITTING APPARATUS<sup>2</sup>
  - 41 2100 Amplitude Modulated Transmitters
  - 41 2200 Frequency Modulated Transmitters
  - 41 2300 Television Transmitters
  - 41 2900 Broadcast Transmitting Apparatus, Not Elsewhere Classified
- 41 3000 COMMERCIAL AND SPECIALIZED RADIO COMMUNICATION EQUIPMENT, EXCEPT BROADCAST
  - 41 3100 Amateur
  - 41 3200 Aviation
    - 41 3210 Telegraph
    - 41 3220 Telephone
    - 41 3290 Aviation radio communication equipment, not elsewhere classified
  - 41 3300 Mobile Radio Transmitting and Receiving Equipment
    - 41 3310 Police
    - 41 3320 Military
    - 41 3390 Mobile radio and receiving equipment, not elsewhere classified
  - 41 3400 Marine Radio Transmitting and Receiving Equipment
    - 41 3410 Telegraph
    - 41 3420 Telephone
    - 41 3430 Facsimile
    - 41 3490 Marine radio transmitting and receiving equipment, not elsewhere classified
  - 41 3500 Point to Point Radio Transmitting and Receiving Equipment
    - 41 3510 Telegraph
    - 41 3520 Telephone
    - 41 3530 Facsimile
    - 41 3590 Point to point radio transmitting and receiving equipment, not elsewhere classified
  - 41 3800 Special Military Radio, Telephone and Telegraph Equipment
  - 41 3900 Commercial and Specialized Radio Communication Equipment, Not Elsewhere Classified
- 41 4000 ELECTRONIC DEVICES, EXCEPT CONTROL AND COMMUNICATION
  - 41 4200 Electrical and Magnetic Field Detection Apparatus
  - 41 4300 Light and Heat Emission Detecting Apparatus
  - 41 4400 Object Detection Apparatus (Radar)
  - 41 4500 Radio Goniometer Equipment and Similar Apparatus
  - 41 4900 Electronic Devices, Except Control and Communication, Not Elsewhere Classified
- 41 5000 ELECTRONIC TUBES
  - 41 5100 Receiving Type
  - 41 5200 Transmitting Type

<sup>1</sup> See Supplementary Codes 41-1 and 41-2 for radio broadcast receiving equipment on page 355.

<sup>2</sup> See Supplementary Code 41-3 for radio broadcast transmitting apparatus on page 356.



# COMMUNICATION EQUIPMENT AND ELECTRONIC DEVICES--

Continued

## ELECTRONIC TUBES--Continued

- 41 5300 *Cathode Ray Tubes (Include Iconoscopes and Kinescopes)*
- 41 5400 *Photo Electric Tubes*
- 41 5500 *X-ray Tubes*
- 41 5600 *Special Purpose Tubes*
- 41 5610 Low wattage rectifier (include tungar type)
- 41 5620 Welding
- 41 5230 Grid controlled rectifier
- 41 5690 Special purpose tubes, not elsewhere classified
- 41 5900 *Electronic Tubes, Not Elsewhere Classified*

## TELEPHONE EQUIPMENT

- 41 6100 *Telephone Station Apparatus*
- 41 6110 Telephone instruments
- 41 6120 Intercommunicating systems
- 41 6130 Booths and special fittings
- 41 6140 Special military equipment
- 41 6190 Telephone station apparatus, not elsewhere classified
- 41 6200 *Central Office and Switchboard Equipment*
- 41 6210 Dial central office equipment
- 41 6220 Manual central office equipment
- 41 6230 Private branch exchange equipment
- 41 6231 Dial
- 41 6232 Manual
- 41 6240 Carrier equipment
- 41 6250 Repeater equipment
- 41 6260 Terminal room equipment
- 41 6270 Special military equipment
- 41 6290 Central office and switchboard equipment, not elsewhere classified
- 42 6300 *Outside Plant Equipment*
- 41 6310 Cable terminals
- 41 6320 Loading coils
- 41 6390 Outside plant equipment, not elsewhere classified
- 41 6900 *Telephone Equipment, Not Elsewhere Classified*

## TELEGRAPH EQUIPMENT

- 41 7100 *Printing Telegraph Machines (Teletype), Including Perforators, Reperforators and Distributors*
- 41 7200 *Switchboards*
- 41 7300 *Carrier Equipment*
- 41 7400 *Repeater Equipment*
- 41 7500 *Multiplex and Varioplex Equipment*
- 41 7600 *Terminal Room Equipment*
- 41 7700 *Facsimile Equipment*
- 41 7800 *Special Military Equipment*
- 41 7900 *Telegraph Equipment, Not Elsewhere Classified*

## ELECTRONIC EQUIPMENT COMPONENTS AND SUB-ASSEMBLIES

- 41 8100 *Capacitors (Condensers)*
- 41 8110 Paper
- 41 8120 Mica
- 41 8130 Electrolytic
- 41 8140 Ceramic
- 41 8150 Variable
- 41 8190 Capacitors (condensers), not elsewhere classified
- 41 8200 *Resistors*
- 41 8210 Fixed (2 watts or less)
- 41 8220 Fixed (over 2 watts)
- 41 8230 Variable
- 41 8290 Resistors, not elsewhere classified
- 41 8300 *Inductors (Include Transformers and Coils)*
- 41 8310 Power supply transformers
- 41 8320 Reactors
- 41 8330 Audio transformers
- 41 8340 R. F. and I. F. transformers and chokes
- 41 8350 Tank coils
- 41 8390 Inductors, not elsewhere classified
- 41 8400 *Mounting Components*
- 41 8410 Chassis
- 41 8420 Cabinets

## COMMUNICATION EQUIPMENT AND ELECTRONIC DEVICES—

Continued

ELECTRONIC EQUIPMENT COMPONENTS AND SUB-ASSEMBLIES—Continued

*Mounting Components—Continued*

- 41 8430 Panels
- 41 8440 Equipment and relay racks
- 41 8450 Sockets
- 41 8460 Fittings and findings
- 41 8470 Loud speaker diaphragms
- 41 8490 Mounting components, not elsewhere classified
- 41 8500 *Connecting and Interrupting Components*
- 41 8510 Switches
- 41 8520 Vibrators
- 41 8530 Jacks
- 41 8590 Connecting and interrupting components, not elsewhere classified
- 41 8600 *Transmission Lines and Antenna Equipment*
- 41 8700 *Converters*
- 41 8710 Loud speakers
- 41 8720 Headsets
- 41 8730 Pickup heads
- 41 8740 Recording heads
- 41 8750 Microphones
- 41 8760 Record players
- 41 8790 Converters, not elsewhere classified
- 41 8800 *Sub-Assemblies*
- 41 8810 Frequency modulation adapters
- 41 8820 Television adapters
- 41 8830 Shortwave adapters
- 41 8840 Amplifiers
- 41 8890 Sub-assemblies, not elsewhere classified
- 41 8900 *Electronic Equipment Components and Sub-Assemblies. Not Elsewhere Classified*

MISCELLANEOUS COMMUNICATION EQUIPMENT

- 41 9100 *Crystal Assemblies*
- 41 9200 *Sound Equipment*
- 41 9210 Public address equipment
- 41 9220 Recording apparatus
- 41 9230 Reproducing apparatus
- 41 9300 *Underwater Sound Equipment*
- 41 9400 *Sound Detection Apparatus (Sound Locators), Except Underwater*
- 41 9900 *Communication Equipment, Not Elsewhere Classified*

### SUPPLEMENTARY CODE 41-1 FOR RADIO BROADCAST RECEIVING EQUIPMENT

- 1 Socket powered standard broadcast wave length only
- 2 Socket powered short wave length only
- 3 Socket powered short wave length in combination with any other wave length
- 4 Socket powered European wave length and combination, except short wave
- 5 Battery powered standard broadcast wave length only
- 6 Battery powered short wave length only
- 7 Battery powered short wave length in combination with any other wave length
- 8 Battery powered European wave length and combination, except short wave
- 9 Crystal receivers

### SUPPLEMENTARY CODE 41-2 FOR RADIO BROADCAST RECEIVING EQUIPMENT

- 1 Complete kits with phonograph attachment
- 2 Assembled chassis with phonograph attachment
- 3 Console type with phonograph attachment
- 4 Table type with phonograph attachment
- 5 Complete kit without phonograph attachment
- 6 Assembled chassis without phonograph attachment
- 7 Console type without phonograph attachment
- 8 Table type without phonograph attachment

# SUPPLEMENTARY CODE 41-3 FOR RADIO BROADCAST TRANSMITTING APPARATUS

1	Standard broadcast wave length, less than 100 watts power measured in the antenna
2	Standard broadcast wave length, 100 to 499 watts power
3	Standard broadcast wave length, 500 to 999 watts power
4	Standard broadcast wave length, 1000 watts power and over
5	Short wave lengths, less than 100 watts power measured in the antenna
6	Short wave lengths, 100 to 499 watts power
7	Short wave lengths, 500 to 999 watts power
8	Short wave lengths, 1000 watts power and over
9	Wave lengths and power, not elsewhere classified



## MAJOR GROUP 42—AIRCRAFT

42 0000	<b>AIRCRAFT</b>
42 1000	<b>AIRPLANES, CIVIL</b>
42 1100	<i>Air-Carrier</i>
42 1110	Landplane, 4 engine and more
42 1120	Seaplane, 4 engine and more
42 1130	Landplane, 3 engine
42 1140	Seaplane, 3 engine
42 1150	Landplane, 2 engine
42 1160	Seaplane, 2 engine
42 1190	Air-carriers, not elsewhere classified
42 1200	<i>Cargo</i>
42 1210	Landplane, 4 engine and more
42 1220	Seaplane, 4 engine and more
42 1230	Landplane, 3 engine
42 1240	Landplane, 2 engine
42 1250	Seaplane, 2 engine
42 1290	Cargo, not elsewhere classified
42 1300	<i>Utility, Training, and Pleasure</i>
42 1310	Landplane, 2 engine
42 1320	Seaplane or amphibian, 2 engine
42 1330	Landplane, 1 engine
42 1340	Seaplane or amphibian, 1 engine
42 1390	Utility, training, and pleasure, not elsewhere classified
42 1900	<i>Airplanes, Civil, Not Elsewhere Classified</i>
42 2000	<b>AIRPLANES, MILITARY</b>
42 2100	<i>Bombers</i>
42 2110	Long range heavy bomber, 4 engine
42 2120	Medium range heavy bomber, 4 engine
42 2130	Patrol bomber (flying boat), 4 engine
42 2140	Patrol bomber (flying boat), 2 engine
42 2150	Medium bomber, 2 engine
42 2160	Light bomber, 2 engine
42 2170	Light bomber, 1 engine (scout, dive, and torpedo)
42 2190	Bombers, not elsewhere classified
42 2200	<i>Fighters</i>
42 2210	Fighter, 2 engine
42 2220	Army fighter, 1 engine
42 2230	Navy fighter, 1 engine
42 2290	Fighters, not elsewhere classified
42 2300	<i>Naval Reconnaissance</i>
42 2400	<i>Transports</i>
42 2410	Heavy transport, 4 engine
42 2420	Heavy transport, 2 engine
42 2430	Medium transport, 2 engine
42 2440	Light transport, 2 engine
42 2490	Transports, not elsewhere classified
42 2500	<i>Communication (Include Army Reconnaissance)</i>
42 2510	Communication, 1 engine
42 2520	Communication, except 1 engine
42 2600	<i>Trainers</i>
42 2610	Advanced trainer, 2 engine
42 2620	Advanced trainer, 1 engine
42 2630	Basic trainer
42 2640	Primary trainer
42 2690	Trainers, not elsewhere classified
42 2900	<i>Airplanes, Military, Not Elsewhere Classified</i>

# AIRCRAFT--Continued

- 42 3000 AIRCRAFT, EXCEPT AIRPLANES
- 42 3100 *Special Purpose Aircraft (Include Aerial Targets)*
- 42 3200 *Rotary Wing Craft*
- 42 3210 Gyros
- 42 3220 Helicopters
- 42 3300 *Airships*
- 42 3310 Patrol airships
- 42 3320 Training airships
- 42 3390 Airships, not elsewhere classified
- 42 3400 *Free Balloons*
- 42 3500 *Barrage Balloons*
- 42 3600 *Glider*
- 42 3610 30-place glider
- 42 3620 24-place glider
- 42 3630 15-place glider
- 42 3640 12-place glider
- 42 3650 9- and 8-place gliders
- 42 3660 3-place glider
- 42 3670 2-place glider
- 42 3680 1-place glider
- 42 3690 Gliders, not elsewhere classified
- 42 3900 *Aircraft, Except Airplanes, Not Elsewhere Classified*
- 42 4000 AIRFRAME ASSEMBLIES AND PARTS
- 42 4100 *Body Group Assemblies and Parts*
- 42 4110 Fuselage
- 42 4120 Booms
- 42 4130 Hulls
- 42 4190 Body group assemblies and parts, not elsewhere classified
- 42 4200 *Wing Assemblies and Parts*
- 42 4210 Center sections
- 42 4220 Outer panels
- 42 4230 Tips
- 42 4240 Nacelles
- 42 4250 Ailerons
- 42 4260 Flaps and dive brakes
- 42 4290 Wing assemblies and parts, not elsewhere classified
- 42 4300 *Empennage Assemblies and Parts*
- 42 4310 Stabilizers
- 42 4320 Elevators
- 42 4330 Fins
- 42 4340 Rudders
- 42 4390 Empennage assemblies and parts, not elsewhere classified
- 42 4400 *Lighting Assemblies and Parts*
- 42 4410 Land type
- 42 4411 Main landing gear
- 42 4412 Auxiliary landing gear (include nose and tail)
- 42 4413 Shock struts
- 42 4414 Wheels, landing
- 42 4415 Skis, landing
- 42 4416 Skids, landing
- 42 4419 Land type alighting assemblies and parts, not elsewhere classified
- 42 4420 Water type
- 42 4421 Main floats
- 42 4422 Stabilizing floats
- 42 4423 Beaching gear
- 42 4429 Water type alighting assemblies and parts, not elsewhere classified
- 42 4500 *Hydraulic Equipment*
- 42 4510 Accumulators
- 42 4520 Equalizers
- 42 4530 Motors, hydraulic
- 42 4540 Pressure regulators
- 42 4550 Reservoirs
- 42 4560 Self-sealing disconnect couplings
- 42 4590 Hydraulic equipment, not elsewhere classified

# AIRCRAFT—Continued

## AIRFRAME ASSEMBLIES AND PARTS—Continued

### *Oxygen Equipment*

- 42 4600 Canisters and rebreathers
- 42 4610 Cylinders and valves
- 42 4620 High pressure
- 42 4622 Low pressure
- 42 4630 Flow indicators
- 42 4640 Cabin supercharging equipment
- 42 4650 Mask and breathing tube
- 42 4660 Signals, pressure
- 42 4690 Oxygen equipment, not elsewhere classified

### *Fuel Tanks*

- 42 4700 Metal
- 42 4710 Main
- 42 4712 Auxiliary
- 42 4720 Self-sealing fabric
- 42 4721 Main
- 42 4722 Auxiliary
- 42 4730 Fabric
- 42 4731 Main
- 42 4732 Auxiliary
- 42 4790 Fuel tanks, not elsewhere classified

### *De-icers*

- 42 4800 Rubber
- 42 4810 Plastic

### *Airframe Assemblies and Parts, Not Elsewhere Classified (Include Impact Actuating Damping Agents)*

42 5000

## AIRCRAFT ENGINES, ENGINE PARTS AND ACCESSORIES

### *Aircraft Engines*

- 42 5100 Radial engines
- 42 5110 Radial engines, over 1830 cubic inch piston displacement
- 42 5112 Radial engines, over 1840 and through 1830 cubic inch piston displacement
- 42 5113 Radial engines, over 400 cubic inch and through 1840 cubic inch piston displacement
- 52 5114 Radial engines, 400 cubic inch piston displacement and under
- 42 5120 Vee type engines
- 42 5121 Vee engines, over 1830 cubic inch piston displacement
- 42 5122 Vee engines, over 1840 and through 1830 cubic inch piston displacement
- 42 5123 Vee engines, over 400 cubic inch and through 1840 cubic inch piston displacement
- 42 5124 Vee engines, 400 cubic inch piston displacement and under

### *Opposed engines*

- 42 5130 In-line engines
- 42 5140 Aircraft engines, not elsewhere classified

### *Engine Parts and Accessories*

- 42 5200 Engine mount parts
- 42 5210 Cowling
- 42 5219 Engine mount parts, not elsewhere classified
- 42 5220 Induction system parts
- 42 5221 Air scoops
- 42 5222 Air mixture control (automatic)
- 42 5223 Carburetors
- 42 5224 Carburetor air preheaters
- 42 5225 Intake manifolds
- 42 5226 Turbo-superchargers
- 42 5229 Induction system parts, not elsewhere classified
- 42 5230 Lubricating system parts
- 42 5231 Oil tanks
- 42 5232 Oil temperature regulators
- 42 5233 Shutter assemblies
- 42 5239 Lubricating system parts, not elsewhere classified
- 42 5240 Cooling system parts
- 42 5241 Intercoolers
- 42 5242 Radiators
- 42 5243 Shutter assemblies
- 42 5249 Cooling system parts, not elsewhere classified



# AIRCRAFT—Continued

## AIRCRAFT ENGINES, ENGINE PARTS AND ACCESSORIES—Continued

### Engine Parts and Accessories—Continued

- 42 5250 Exhaust system parts
- 42 5251 Stacks
- 42 5252 Exhaust manifolds and collector rings
- 42 5259 Exhaust system parts, not elsewhere classified
- 42 5260 Non-electric starters
- 42 5261 Hand inertia (flywheel) type
- 42 5262 Hand turning (direct crank type)
- 42 5263 Air injection type
- 42 5264 Cartridge type
- 42 5269 Non-electric starters, not elsewhere classified
- 42 5270 Aircraft engine pumps
- 42 5271 Fuel
- 42 5272 Lubricating
- 42 5279 Aircraft engine pumps, not elsewhere classified
- 42 5280 Air engine gears and propeller gears
- 42 5281 Engine gears
- 42 5282 Propeller gears
- 42 5290 Miscellaneous engine parts and accessories
- 42 5291 Vibration isolators
- 42 5292 Filters and strainers
- 42 5299 Engine parts and accessories, not elsewhere classified

### PROPELLER ASSEMBLIES AND PARTS

#### Propellers

- 42 6100 Controllable pitch propellers
- 42 6101 4 Blade, except counter rotating
- 42 6111 42 61111 Hydraulic control
- 42 6112 42 61112 Electric control
- 42 6112 3 Blade, except counter rotating
- 42 61121 42 61121 Hydraulic control
- 42 61122 42 61122 Electric control
- 42 6113 2 Blade, hydraulic control
- 42 6114 Counter rotating
- 42 61141 42 61141 Hydraulic control
- 42 61142 42 61142 Electric control
- 42 6115 Counterweight, hydraulic control
- 42 6116 Automatic control
- 42 6119 Controllable pitch propellers, not elsewhere classified
- 42 61191 42 61191 Hydraulic control
- 42 61192 42 61192 Electric control
- 42 6120 Adjustable pitch (ground)
- 42 6130 Fixed pitch
- 42 6190 Propellers, not elsewhere classified

#### Propeller Parts

- 42 6200 Accumulators, propeller
- 42 6210 Blades
- 42 6221 Metal
- 42 5222 Wood
- 42 6229 Blades, not elsewhere classified
- 42 6230 Feathering pumps
- 42 6240 Governors
- 42 6250 Hubs
- 42 6260 Spinners
- 42 6290 Propeller parts, not elsewhere classified

### AIRCRAFT ARMAMENT EQUIPMENT (FOR INSTALLATION)

#### Gun Turrets

- 42 7110 Cylindrical
- 42 7120 Spherical
- 42 7130 Ball
- 42 7131 Top type
- 42 7132 Bottom type, fixed
- 42 7133 Bottom type, retractable
- 42 7139 Ball turrets, not elsewhere classified
- 42 7190 Gun turrets, not elsewhere classified

# AIRCRAFT—Continued

## AIRCRAFT ARMAMENT EQUIPMENT—Continued

- 42 7200 *Turret Drives*
- 42 7210 *Electric*
- 42 7211 *Amplidyne*
- 42 7212 *Self-synchronizing (selsyn)*
- 42 7220 *Hydraulic*
- 42 7221 *Fluid motor*
- 42 7222 *Hydraulic ram*
- 42 7223 *Control tower assembly*
- 42 7290 *Turret drives, not elsewhere classified*
- 42 7300 *Pyrotechnic Equipment*
- 42 7310 *Containers, cartridge*
- 42 7320 *Dischargers, remote control type*
- 42 7330 *Handles, flare release*
- 42 7390 *Pyrotechnic equipment, not elsewhere classified*
- 42 7400 *Bomb Racks and Accessories*
- 42 7410 *Bomb racks*
- 42 7411 *Selector units*
- 42 7412 *Bomb shackles*
- 42 7413 *Release mechanisms*
- 42 7414 *Bomb release handles*
- 42 7490 *Bomb racks and accessories, not elsewhere classified*
- 42 7500 *Mounts and Equipment*
- 42 7510 *Gun mounts and accessories*
- 42 7511 *Complete mounts (include rear posts)*
- 42 7512 *Adapters*
- 42 7513 *Firing keys*
- 42 7519 *Gun mounts and accessories, not elsewhere classified*
- 42 7520 *Magazine mounts and holders*
- 42 7530 *Illuminated sight mounts*
- 42 7590 *Mounts and equipment, not elsewhere classified*
- 42 7600 *Ammunition Handling Equipment*
- 42 7610 *Gun chargers and controls*
- 42 7620 *Containers*
- 42 7621 *Ejected case*
- 42 7622 *Ejected link and chute*
- 42 7630 *Counter. rounds (timer type)*
- 42 7690 *Ammunition handling equipment, not elsewhere classified*
- 42 7700 *Smoke Screen Equipment*
- 42 7900 *Aircraft Armament Equipment (For Installation). Not Elsewhere Classified*
- 42 8000 *FLIGHT EQUIPMENT FOR PERSONNEL*
- 42 8100 *Lift Rafts*
- 42 8110 *Droppable*
- 42 8120 *Automatic*
- 42 8130 *Parachute type (one man)*
- 42 8140 *Manual*
- 42 8190 *Life rafts, not elsewhere classified*
- 42 8200 *Parachutes*
- 42 8210 *Seat pack*
- 42 8220 *Back pack*
- 42 8230 *Chest pack (include Q. A. C.)*
- 42 8290 *Parachutes, not elsewhere classified*
- 42 8300 *Safety belts*
- 42 8310 *Lap, shoulder, and combination*
- 42 8320 *Gunner type*
- 42 8330 *Pilot type*
- 42 8390 *Safety belts, not elsewhere classified*
- 42 8400 *Life Vests and Jackets*
- 42 8500 *Flight Clothing, Heated*
- 42 8510 *Underwear*
- 42 8520 *Boots (include heat retaining outer boot)*
- 42 8530 *Gloves*
- 42 8540 *Helmets*
- 42 8590 *Flight clothing, heated, not elsewhere classified*
- 42 8600 *Life Raft Emergency Equipment*
- 42 8900 *Flight Equipment for Personnel, Not Elsewhere Classified*

# *AIRCRAFT*—Continued

42 9000	MISCELLANEOUS AIRCRAFT PARTS AND EQUIPMENT
42 9100	<i>Aircraft Ground Equipment</i>
42 9110	Energizers
42 9120	Engine preheaters
42 9130	Instrument testers
42 9140	Moorings and buoys
42 9150	Propeller dollies
42 9160	Skids, bomb and torpedo
42 9170	Tool kits
42 9180	Tug jockeys
42 9190	Aircraft ground equipment, not elsewhere classified
42 9200	<i>Link Trainers</i>
42 9300	<i>Airplane Landing Mats</i>
42 9400	<i>Aircraft Valves and Fittings (Include Parker Type)</i>
42 9410	Fuel
42 9420	Hydraulic
42 9430	Induction (throttle)
42 9440	Lubricating
42 9450	Oxygen
42 9460	Pneumatic
42 9490	Aircraft valves and fittings, not elsewhere classified
42 9500	<i>Bombing Practice Targets and Towing Equipment</i>
42 9600	<i>Aircraft Test Stands</i>
42 9610	Electric
42 9620	Hydraulic
42 9700	<i>Aircraft Pumps, Except Engine Pumps</i>
42 9710	Air pumps
42 9720	Anti-icing and de-icing pumps
42 9790	Aircraft pumps, except engine pumps, not elsewhere classified
42 9800	<i>Catapults, Airplane</i>
42 9810	Ship borne
42 9820	Land based
42 9900	<i>Aircraft Parts and Equipment, Not Elsewhere Classified</i>



## MAJOR GROUP 43—SHIPS, SMALL WATERCRAFT, AND MARINE PROPULSION MACHINERY

- 43 0000 SHIPS, SMALL WATERCRAFT, AND MARINE PROPULSION MA-  
CHINERY
- 43 1000 SHIPS, MERCHANT
- 43 1100 *Passenger Ships (Subject to Certification, Including Ferries and  
Ferryboats)*
  - 43 1110 Ocean-going
  - 43 1120 Coastwise
  - 43 1130 Bays and sounds
  - 43 1140 Inland seas, including Great Lakes
  - 43 1150 Inland waterways
- 43 1200 *Cargo Ships, General and Dry Bulk*
  - 43 1210 Ocean-going
  - 43 1220 Coastwise
  - 43 1230 Bays and sounds
  - 43 1240 Inland seas, including Great Lakes
  - 43 1250 Inland waterways
- 43 1300 *Refrigeration Ships*
  - 43 1310 Ocean-going
  - 43 1320 Coastwise
  - 43 1330 Bays and sounds
  - 43 1340 Inland seas, including Great Lakes
  - 43 1350 Inland waterways
- 43 1400 *Car Ferries (Sea Trains)*
  - 43 1410 Ocean-going
  - 43 1420 Coastwise
  - 43 1430 Bays and sounds
  - 43 1440 Inland seas, including Great Lakes
  - 43 1450 Inland waterways
- 43 1500 *Tankers*
  - 43 1510 Ocean-going
  - 43 1520 Coastwise
  - 43 1530 Bays and sounds
  - 43 1540 Inland seas, including Great Lakes
  - 43 1550 Inland waterways
- 43 1600 *Barges, Including Scows, Lighters and Car Floats*
  - 43 1610 Ocean-going
  - 43 1611 Liquid cargo
  - 43 1612 Dry cargo
  - 43 1613 Servicing, including garbage and ash
  - 43 1620 Coastwise
  - 43 1621 Liquid cargo
  - 43 1622 Dry cargo
  - 43 1623 Servicing, including garbage and ash
  - 43 1630 Bays and sounds
  - 43 1631 Liquid cargo
  - 43 1632 Dry cargo
  - 43 1633 Servicing, including garbage and ash
  - 43 1640 Inland seas, including Great Lakes
  - 43 1641 Liquid cargo
  - 43 1642 Dry cargo
  - 43 1643 Servicing, including garbage and ash
  - 43 1650 Inland waterways
  - 43 1651 Liquid cargo
  - 43 1652 Dry cargo
  - 43 1653 Servicing, including garbage and ash

SHIPS, SMALL WATERCRAFT, AND MARINE PROPULSION MA  
CHINERY—Continued

SHIPS, MERCHANT—Continued

- 43 1700 *Tugs and Towboats*
- 43 1710 *Ocean-going*
- 43 1720 *Coastwise*
- 43 1730 *Bays and sounds*
- 43 1740 *Inland seas, including Great Lakes*
- 43 1750 *Inland waterways*
- 43 1800 *Special Purpose Ships*
- 43 1801 *Processing ship*
- 43 1802 *Cable repair ship*
- 43 1803 *Survey ship*
- 43 1804 *Fire boats*
- 43 1805 *Salvage vessels (wrecking vessels)*
- 43 1806 *Welding*
- 43 1807 *Ice breakers*
- 43 1899 *Special purpose ships, not elsewhere classified*
- 43 2000 **NAVY, ARMY, AND COAST GUARD VESSELS, EXCEPT MINOR MARINE CRAFT**
- 43 2100 *Battleships*
- 43 2200 *Cruisers*
- 43 2210 *Heavy cruisers*
- 43 2220 *Flying-deck cruisers*
- 43 2230 *Light cruisers*
- 43 2290 *Cruisers, not elsewhere classified*
- 43 2300 *Aircraft Carriers*
- 43 2400 *Destroyers*
- 43 2500 *Submarines*
- 43 2510 *Mine laying*
- 43 2520 *Submarines, except mine laying*
- 43 2600 *Mine Layers and Minesweepers*
- 43 2610 *Light*
- 43 2620 *Harbor (mine planters)*
- 43 2690 *Mine layers and minesweepers, not elsewhere classified*
- 43 2700 *Patrol Vessels, Including Coast Guard Cutters*
- 42 2710 *Gunboat, including eagles*
- 43 2720 *Submarine chaser*
- 43 2730 *River gunboat*
- 43 2740 *Motor torpedo boat*
- 43 2750 *Yacht, except coastal*
- 43 2760 *Yacht, coastal*
- 43 2790 *Patrol vessels, including Coast Guard Cutters, not elsewhere classified*
- 43 2800 *Auxiliaries*
- 43 2810 *Tenders*
- 43 2811 *Destroyer*
- 43 2812 *Distilling ship*
- 43 2813 *Lighthouse*
- 43 2814 *Motor torpedo boat*
- 43 2815 *Seaplane, including Catapult lighter, and aircraft rescue*
- 43 2816 *Submarine, including rescue*
- 43 2819 *Tenders, not elsewhere classified*
- 43 2820 *Cargo ships (supply ships) for Army, Navy and Coast Guard use*
- 43 2821 *Collier*
- 43 2822 *Deephold*
- 43 2823 *Aircraft supply*
- 43 2824 *Provision store*
- 43 2825 *Ammunition*
- 43 2826 *General stores issue*
- 43 2829 *Cargo ships (supply ships) for Army, Navy and Coast Guard use, not elsewhere classified*
- 43 2830 *Transports for Army, Navy, and Coast Guard use, including administration, aircraft, barrack, cavalry, destroyer, evacuation of wounded, gunnery, and hospital*
- 43 2831 *Ocean-going*
- 43 2832 *Coastwise*
- 43 2839 *Transports for Army, Navy and Coast Guard use, not elsewhere classified*

SHIPS, SMALL WATERCRAFT, AND MARINE PROPULSION MA-  
CHINERY—Continued

NAVY, ARMY, AND COAST GUARD VESSELS, EXCEPT MINOR MARINE  
CRAFT—Continued

*Auxiliaries*—Continued

- 43 2840 Tankers for Army, Navy and Coast Guard use
- 43 2841 Fuel oil
- 43 2842 Navy oiler
- 43 2843 Gasoline
- 43 2844 Water
- 43 2849 Tankers for Army, Navy and Coast Guard use, not elsewhere  
classified
- 43 2850 Repair ships
- 43 2851 Cable repair or laying
- 43 2852 Heavy hull
- 43 2853 Heavy machinery
- 43 2854 Salvage
- 43 2855 Aircraft
- 43 2859 Repair ships, not elsewhere classified
- 43 2890 Miscellaneous auxiliaries
- 43 2891 Crane ship
- 43 2892 Lightship
- 43 2893 Netlaying
- 43 2894 Ice breakers
- 43 2899 Auxiliaries, not elsewhere classified
- 43 3000 MINOR MARINE CRAFT, INCLUDING DISTRICT AND YARD CRAFT FOR ARMY.

NAVY AND COAST GUARD USE

*Barges, Scows, and Lighters*

- 43 3100 Liquid cargo
- 43 3110 Fuel oil
- 43 3112 Gasoline
- 43 3113 Sludge removal
- 43 3114 Water
- 43 3119 Liquid cargo, not elsewhere classified
- 43 3120 Dry cargo
- 43 3121 Pontoon stowage
- 43 3122 Aircraft transport
- 43 3123 Ammunition
- 43 3124 Open cargo
- 43 3129 Dry cargo, not elsewhere classified
- 43 3130 Servicing
- 43 3131 Torpedo testing
- 43 3132 Stevedoring
- 43 3133 Heating scow
- 43 3134 Ash and garbage
- 43 3139 Servicing, not elsewhere classified

*Boats*

- 43 3200
- 43 3201 Ambulance
- 43 3202 House
- 43 3203 Launches
- 43 3204 Ferry
- 43 3205 Rescue
- 43 3206 Swamp glider
- 43 3207 Sea sled
- 43 3299 Boats, not elsewhere classified

*Tugs*

- 43 3300
- 43 3301 Large (ocean-going)
- 43 3302 Harbor
- 43 3303 Small (towboat)
- 43 3399 Tugs, not elsewhere classified

*Special Purpose Minor Craft*

- 43 3400
- 43 3401 Fire boats
- 43 3402 Distribution box boat
- 43 3403 Mine yawl
- 43 3404 Torpedo target boat
- 43 3499 Special purpose minor craft, not elsewhere classified



SHIPS, SMALL WATERCRAFT, AND MARINE PROPULSION MACHINERY—Continued

MINOR MARINE CRAFT, INCLUDING DISTRICT AND YARD CRAFT FOR ARMY, NAVY AND COAST GUARD USE—Continued

43 3500	<i>Facility Equipment</i>
43 3510	Drydocks
43 3511	Floating
43 3519	Drydocks, not elsewhere classified
43 3520	Dredges
43 3521	Ocean-going
43 3522	Dredges, except ocean-going
43 3530	Pile drivers
43 3540	Derricks, including cranes
43 3541	Floating
43 3542	Seaplane wrecking
43 3550	Workshops, floating
43 3560	Chambers, submarine rescue
43 3570	Pontoons, salvage
43 3590	Facility equipment, not elsewhere classified
43 4000	FISHING CRAFT <sup>1</sup>
43 4100	<i>Dredgers and Scrapers</i>
43 4200	<i>Hook-and-liners, Except Tuna Clippers</i>
43 4201	Hand lines
43 4202	Trawl lines
43 4203	Troll lines
43 4299	Hook-and-liners, except tuna clippers, not elsewhere classified
43 4300	<i>Tuna Clippers</i>
43 4310	Large (long range)
43 4320	Small (baby) (medium range)
43 4390	Tuna clippers, not elsewhere classified
43 4400	<i>Seiners</i>
43 4410	Haul and beach
43 4420	Purse and ring net
43 4421	Herring, pilchard, sardine, and tuna
43 4422	Mackerel
43 4423	Menhaden
43 4424	Salmon
43 4490	Seiners, not elsewhere classified
43 4500	<i>Trawlers</i>
43 4510	Paranzella
43 4520	Beam
43 4530	Otter
43 4531	Large, 151 gross tons and over
43 4532	Medium, 51 to 150 gross tons
43 4533	Small, 5 to 50 gross tons
43 4590	Trawlers, not elsewhere classified
43 4600	<i>Transporters and Work Boats</i>
43 4601	Buyers and "luggers"
43 4602	Powerscows
43 4603	Pound net tenders
43 4604	Salmon trap tenders
43 4605	Trap net tenders (Great Lakes)
43 4699	Transporters and work boats, not elsewhere classified
43 4700	<i>Unrigged Scows</i>
43 4701	Fish buying
43 4702	Fish transporting
43 4703	Kelp harvesting
43 4704	Pile driving
43 4705	Pile pulling
43 4706	Pot or brailing
43 4707	Rigging
43 4799	Unrigged scows, not elsewhere classified
43 4900	<i>Miscellaneous Fishing Craft</i>
43 4901	Crab boats
43 4902	Diving apparatus (abalone, sponge, gelidium weed)
43 4903	Fyke-net boats

<sup>1</sup> See Supplementary Code 43-2 on page 369.

SHIPS, SMALL WATERCRAFT, AND MARINE PROPULSION MA  
CHINERY—Continued

FISHING CRAFT—Continued

*Miscellaneous Fishing Craft—Continued*

- 43 4904 Gill-net craft
- 43 4905 Lobster boats
- 43 4906 Oyster and clam-tong boats
- 43 4907 Whale killer boats
- 43 4908 Skiffs, dories, rowboats
- 43 4999 Fishing craft, not elsewhere classified

SMALL CRAFT

- 43 5100 *Tenders*
- 43 5200 *Lifeboats*
- 43 5300 *Life Floats*
- 43 5400 *Pleasure Craft*
- 43 5410 Rowboats
- 43 5420 Canoes
- 43 5430 Sailboats
- 43 5440 Motor boats and launches
- 43 5490 Pleasure craft, not elsewhere classified
- 43 5500 *Oars and Paddles*
- 43 5600 *Pontoons, Bridge*
- 43 5610 Wooden
- 43 5620 Metal
- 43 5630 Rubber
- 43 5690 Pontoons, bridge, not elsewhere classified

*Small Craft, Not Elsewhere Classified*

MARINE MAIN PROPULSION MACHINERY AND GEARS<sup>2</sup>

- 43 6100 *Main Reciprocating Steam Engines*
- 43 6200 *Main Steam Turbines*
- 43 6210 Gear reduction
- 43 6220 Electric drive
- 43 6300 *Main Diesel Engines*
- 43 6310 Heavy duty, large bore slow speed
- 43 6311 Gear reduction
- 43 6312 Electric drive
- 43 6313 Gear reduction and Morse chain-multiple engine drive
- 43 6314 Direct drive
- 43 6320 Special duty, medium bore medium speed
- 43 6321 Gear reduction
- 43 6322 Electric drive
- 43 6323 Gear reduction and Morse chain-multiple engine drive
- 43 6324 Direct drive
- 43 6330 High speed, small bore high speed
- 43 6331 Gear reduction
- 43 6332 Electric drive
- 43 6333 Gear reduction and Morse chain-multiple engine drive
- 43 6334 Direct drive
- 43 6400 *Main Gasoline Engines*
- 43 6410 High power, 500 hp and over (inboard)
- 43 6411 Gear reduction
- 43 6412 Electric drive
- 43 6413 Gear reduction and Morse chain-multiple engine drive
- 43 6414 Direct drive
- 43 6420 Low power, under 500 hp (inboard)
- 43 6421 Gear reduction
- 43 6422 Electric drive
- 43 6423 Gear reduction and Morse chain-multiple engine drive
- 43 6424 Direct drive
- 43 6430 Outboard engines
- 43 6500 *Main Propulsion Gears*
- 43 6510 Turbine propulsion
- 43 6520 Diesel and gasoline propulsion engine
- 43 6900 *Marine Main Propulsion Machinery and Gears, Not Elsewhere Classified*

<sup>2</sup> See Supplementary Code 43-1 on page 369.

SHIPS, SMALL WATERCRAFT, AND MARINE PROPULSION MA  
CHINERY—Continued

43 7000	SHAFTING AND SHIP PROPELLERS
43 7100	Shafting
43 7110	1" through 3" O. D.
43 7111	Propeller
43 7112	Line
43 7113	Stern tube
43 7114	Intermediate
43 7115	Thrust
43 7120	Over 3" through 6" O. D.
43 7121	Propeller
43 7122	Line
43 7123	Stern tube
43 7124	Intermediate
43 7125	Thrust
43 7130	Over 6" through 30" O. D.
43 7131	Propeller
43 7132	Line
43 7133	Stern tube
43 7134	Intermediate
43 7135	Thrust
43 7140	Over 30" O. D.
43 7141	Propeller
43 7142	Line
43 7143	Stern tube
43 7144	Intermediate
43 7145	Thrust
43 7200	Ship Propellers
43 7210	Small, less than 6' diameter
43 7211	Manganese bronze
43 7212	Cast iron
43 7213	Cast steel
43 7214	Monel metal
43 7215	Aluminum
43 7219	Material, not elsewhere classified
43 7220	Medium, 6' to 14' diameter
43 7221	Manganese bronze
43 7222	Cast iron
43 7223	Cast steel
43 7224	Monel metal
43 7229	Material, not elsewhere classified
43 7230	Large, 14' diameter and larger
43 7231	Manganese bronze
43 7232	Cast iron
43 7233	Cast steel
43 7234	Monel metal
43 7239	Material, not elsewhere classified
43 8000	STEERING GEARS
43 8100	Electric Hydraulic
43 8110	Double ram, Rapsom slide type
43 8120	Double ram, link type
43 8130	Single ram, Rapsom slide type
43 8200	Steam Hydraulic, Turbine or Engine
43 8210	Double ram, Rapsom slide type
43 8220	Double ram, link type
43 8230	Single ram, Rapsom slide type
43 8300	Electric
43 8310	Quadrant type
43 8320	Screw type
43 8330	Drum type
43 8400	Steam
43 8410	Quadrant type
43 8420	Screw type
43 8430	Drum type
43 8500	Mechanical Hand Type
43 8900	Steering Gears, Not Elsewhere Classified



**SHIPS, SMALL WATERCRAFT, AND MARINE PROPULSION MACHINERY—Continued**

43 9000	MISCELLANEOUS SPECIAL SHIP EQUIPMENT
43 9010	Masts, steel
43 9020	Davits
43 9030	Stanchions
43 9040	Arresting gears
43 9050	Airports (Port holes)
43 9060	Sternposts
43 9070	Rudders and rudder posts
43 9080	Salvage equipment
43 9110	Diving gear
43 9120	Diving Belts
43 9190	Special ship equipment, not elsewhere classified

**SUPPLEMENTARY CODE 43-1 FOR VESSEL PROPULSION MACHINERY  
(43 6000)**

0	Steam propelled, type unknown
1	Steam propelled, reciprocating engine
2	Steam propelled, turbine
3	Motor propelled, type of internal combustion engine unknown
4	Diesel engine
5	Gasoline engine (inboard)
6	Gasoline engine (outboard)
7	Sail
8	Sail and auxiliary engine
9	Not self propelled

**SUPPLEMENTARY CODE 43-2 FOR FISHING CRAFT (43 4000)**

1	Under five net tons
2	Five net tons and over



## MAJOR GROUP 44—RAILROAD TRANSPORTATION EQUIPMENT

44 0000	RAILROAD TRANSPORTATION EQUIPMENT
44 1000	LOCOMOTIVES
44 1100	Line Type
44 1110	Steam, including tenders
44 1111	Gage 1 meter (39.37 inches) and less
44 1112	Gage over 1 meter
44 1120	Straight-electric
44 1121	Gage 1 meter (39.37 inches) and less
44 1122	Gage over 1 meter
44 1130	Diesel-electric
44 1131	Gage 1 meter (39.37 inches) and less
44 1132	Gage over 1 meter
44 1190	Line type locomotives, not elsewhere classified
44 1191	Gage 1 meter (39.37 inches) and less
44 1192	Gage over 1 meter
44 1200	Switching Type
44 1210	Steam, including tenders
44 1211	Gage 1 meter (39.37 inches) and less
44 1212	Gage over 1 meter
44 1220	Straight-electric
44 1221	Gage 1 meter (39.37 inches) and less
44 1222	Gage over 1 meter
44 1230	Diesel-electric
44 1231	Gage 1 meter (39.37 inches) and less
44 1232	Gage over 1 meter
44 1290	Switching type locomotives, not elsewhere classified
44 1291	Gage 1 meter (39.37 inches) and less
44 1292	Gage over 1 meter
44 1300	Industrial Type
44 1310	Steam, including tenders
44 1311	Gage 1 meter (39.37 inches) and less
44 1312	Gage over 1 meter
44 1320	Straight-electric
44 1321	Gage 1 meter (39.37 inches) and less
44 1322	Gage over 1 meter
44 1330	Diesel-electric
44 1331	Gage 1 meter (39.37 inches) and less
44 1332	Gage over 1 meter
44 1340	Diesel-mechanical
44 1341	Gage 1 meter (39.37 inches) and less
44 1342	Gage over 1 meter
44 1350	Gasoline-electric
44 1351	Gage 1 meter (39.37 inches) and less
44 1352	Gage over 1 meter
44 1360	Gasoline-mechanical
44 1361	Gage 1 meter (39.37 inches) and less
44 1362	Gage over 1 meter
44 1390	Industrial type locomotives, not elsewhere classified
44 1391	Gage 1 meter (39.37 inches) and less
44 1392	Gage over 1 meter
44 1400	Mining, Underground Type
44 1420	Straight electric
44 1470	Steam storage and compressed air
44 1480	Storage battery
44 1490	Mining, underground type locomotives, not elsewhere classified
44 1900	Locomotives, Not Elsewhere Classified



# RAILROAD TRANSPORTATION EQUIPMENT--Continued

44 3000	CARS, SELF-PROPELLED
44 3100	<i>Railroad Cars</i>
44 3110	Electric
44 3120	Diesel-electric
44 3130	Diesel-mechanical
44 3140	Gasoline-electric
44 3150	Gasoline-mechanical
44 3190	Railroad cars, not elsewhere classified
44 3200	<i>Street and Rapid-Transit Cars</i>
44 3210	Passenger
44 3220	Freight
44 3230	Trackless trolley cars (trolley busses)
44 3290	Street and rapid-transit cars, not elsewhere classified
44 3300	<i>Industrial and Mining Rail Cars</i>
44 3900	<i>Cars, Self-Propelled, Not Elsewhere Classified</i>
44 4000	CARS, EXCEPT SELF-PROPELLED
44 4100	<i>Passenger Railroad Cars</i>
44 4110	Baggage express or other non-passenger combination
44 4120	Club lounge observation and combination
44 4130	Coach combination
44 4140	Coaches
44 4150	Dining and dining combination
44 4160	Parlor and parlor combination
44 4170	Postal and postal combination
44 4180	Sleeping cars
44 4190	Passenger railroad cars, not elsewhere classified
44 4200	<i>Freight Railroad Cars</i>
44 4210	Box cars
44 4220	Cabooses
44 4230	Flat
44 4240	Open top
44 4241	Gondola, mill type
44 4242	Gondola, except mill type
44 4243	Hopper
44 4244	Coal and coke cars
44 4250	Refrigerator
44 4260	Stock
44 4270	Tank
44 4290	Freight railroad cars, not elsewhere classified
44 4300	<i>Service Cars, Railroad</i>
44 4310	Track inspection and maintenance
44 4320	Snow ploughs, levellers, ballast ploughs, etc.
44 4400	<i>Industrial and Mining Rail Cars</i>
44 4900	<i>Cars, Except Self-Propelled, Not Elsewhere Classified</i>
44 5000	LOCOMOTIVE AND CAR PARTS
44 5100	<i>Air Brakes and Equipment</i>
44 5110	Locomotive
44 5120	Car
44 5200	<i>Locomotive Parts, Except Air Brakes</i>
44 5210	Frames, cradles, bolsters or beds of iron or steel
44 5220	Feedwater heaters
44 5230	Superheater units
44 5240	Valve motion works
44 5250	Syphons and circulators
44 5290	Locomotive parts (except air brakes), not elsewhere classified
44 5300	<i>Rail Car Parts, Except Air Brakes</i>
44 5310	Frames, cradles, bolsters, or beds of iron or steel
44 5320	Truck assemblies
44 5330	Underframe assemblies
44 5340	Side doors (freight)
44 5350	Passenger car doors
44 5360	Hand brake assemblies
44 5390	Superstructure and parts and assemblies, not elsewhere classified
44 9000	RAILROAD TRANSPORTATION EQUIPMENT, NOT ELSEWHERE CLASSIFIED

## MAJOR GROUP 45—MOTOR VEHICLES

### 45 0000 *MOTOR VEHICLES*

#### 45 1000 *MOTOR VEHICLES, EXCEPT COMBAT VEHICLES AND MOTORCYCLES*

##### 45 1100 *Passenger Automobiles, Taxicabs, and Station Wagons*

45 1110 Passenger automobiles

45 1120 Taxicabs

45 1130 Station wagons

##### 45 1200 *Buses*

45 1210 City

45 1220 Intercity

45 1230 Sightseeing

45 1240 School

45 1290 Buses, not elsewhere classified

##### 45 1300 *Single Unit Trucks and Truck Tractors, Except Ordnance and Special Purpose Trucks (Include Door-to-Door, Express, Panel, Pick-up, Platform, Livestock (Rack), Stake, and Van Trucks)\**

45 13001 Light

45 13002 Medium

45 13003 Heavy

##### 45 1400 *Special Purpose Single Unit Trucks, Except Ordnance Trucks\**

##### 45 1401 *Ambulance*

45 14011 Light

##### 45 1402 *Armored (money carrying)*

45 14021 Light

45 14022 Medium

##### 45 1403 *Coal*

45 14032 Medium

45 14033 Heavy

##### 45 1404 *Drilling*

45 14042 Medium

45 14043 Heavy

##### 45 1405 *Dump*

45 14052 Medium

45 14053 Heavy

##### 45 1406 *Hook and ladder (fire department)*

45 14061 Light

45 14062 Medium

45 14063 Heavy

##### 45 1407 *Chemical wagons (fire department)*

45 14071 Light

45 14072 Medium

##### 45 1408 *Garbage*

45 14082 Medium

45 14083 Heavy

##### 45 1411 *Hearse*

45 14111 Light

##### 45 1412 *Mixer*

45 14122 Medium

45 14123 Heavy

##### 45 1413 *Refrigerator*

45 14132 Medium

45 14133 Heavy

##### 45 1414 *Rotary snowplow*

45 14142 Medium

45 14143 Heavy

\*Light—Under 9,000 pounds G. V. W.; Medium—9,000 pounds to less than 16,000 pounds G. V. W.; Heavy—16,000 pounds and over G. V. W.

**MOTOR VEHICLES—Continued**

**MOTOR VEHICLES, EXCEPT COMBAT VEHICLES AND MOTORCYCLES—Continued**

**Special Purpose Single Unit Trucks, Except Ordnance Trucks—Continued**

45 1415	Special public utility
45 14151	Light
45 15152	Medium
45 14153	Heavy
45 1516	Street cleaning
45 15162	Medium
45 15163	Heavy
45 1517	Tank
45 15171	Light
45 15172	Medium
45 15173	Heavy
45 1418	Wrecker
45 14182	Medium
45 14183	Heavy
45 1499	Special purpose single unit trucks, except ordnance trucks, not elsewhere classified
45 15991	Light
45 15992	Medium
45 14993	Heavy
45 1500	Chassis for Single Unit Trucks and Truck Tractors, Except Ordnance
45 15001	For light trucks
45 15002	For medium trucks
45 15003	For heavy trucks

**FULL TRAILERS AND SEMI-TRAILERS, EXCEPT ORDNANCE**

45 2000	Complete Vehicles
45 2100	Auto carrier
45 2101	Coal
45 2102	Dump
45 2103	Garbage
45 2104	House
45 2105	Livestock (rack)
45 2106	Low bed carryall
45 2107	Passenger
45 2108	Platform
45 2111	Pole (lumber)
45 2112	Refrigerator
45 2113	Tank
45 2114	Van
45 2115	Full trailers and semi-trailers, except ordnance (complete vehicles), not elsewhere classified
45 2199	

**Chassis**

**ORDNANCE SERVICE AND REPAIR TRUCKS AND TRAILERS**

**Trucks**

45 3100	Trucks
45 3101	Artillery repair
45 3102	Instrument repair
45 3103	Machine shop
45 3104	Small arms repair
45 3105	Electrical repair
45 3106	Welding
45 3107	Tank transporters
45 3108	Wrecking
45 3199	Ordnance service and repair trucks, not elsewhere classified
45 3200	Full Trailers and Semi-trailers
45 3201	Artillery repair
45 3202	Instrument repair
45 3203	Machine shop
45 3204	Small arms repair
45 3205	Electrical repair
45 3206	Welding
45 3207	Tank transporters
45 3208	Wrecking
45 3299	Ordnance service and repair full trailers and semi-trailers, not elsewhere classified



# MOTOR VEHICLES—Continued

## ORDNANCE SERVICE AND REPAIR TRUCKS AND TRAILERS—Continued

- 45 3300 *Full Trailers and Semi-trailers (Special Navy Types)*
- 45 3301 Stockroom type
- 45 3302 Spare parts type
- 45 3303 Cargo type, 1 ton capacity
- 45 3304 Photographic laboratory type
- 45 3305 Stevedor type, 2½ ton capacity
- 45 3306 Lumber (Pole) type, 2 ton capacity
- 45 3307 Clipper type
- 45 3308 Freightmaster type
- 45 3311 Fire fighting type
- 45 3312 Utility type
  - 45 33121 10 ton capacity
  - 45 33122 15 ton capacity
  - 45 33123 20 ton capacity
- 45 3399 Full trailers and semi-trailers (special Navy types), not elsewhere classified

- 45 3400 *Chassis for Trucks*
- 45 3500 *Chassis for Trailers (Include Special Navy Types)*

## COMBAT MOTOR VEHICLES

- 45 4100 *Tanks*
- 45 4110 Light (less than 20 tons)
- 45 4120 Medium (20 to less than 40 tons)
- 45 4130 Heavy (40 tons and over)
- 45 4140 Aero
- 45 4150 Amphibian
- 45 4190 Tanks, not elsewhere classified
- 45 4200 *Armored Cars*
- 45 4210 Light
- 45 4220 Medium
- 45 4230 Heavy
- 45 4300 *Scout Cars*
- 45 4400 *Personnel Carriers*
- 45 4410 Half-track; M-2, M-9
- 45 4420 Half-track; M-3, M-5
- 45 4430 Half-track 81 mm mortar carriers, M-4
- 45 4440 Universal carriers
- 45 4490 Personnel carriers, not elsewhere classified
- 45 4500 *Mounts for Self-Propelled Guns*
- 45 4900 *Combat Motor Vehicles, Not Elsewhere Classified*

## MOTOR VEHICLE ENGINES AND ENGINE PARTS, EXCEPT MOTORCYCLE

- 45 5100 *Engines (Complete)*
- 45 5110 Diesel
  - 45 5111 For combat vehicles
  - 45 5112 For non-combat vehicles
- 45 5120 Gasoline
  - 45 5121 For combat vehicles
  - 45 5122 For non-combat vehicles
- 45 5130 Liquefied gas
  - 45 5131 For combat vehicles
  - 45 5132 For non-combat vehicles
- 45 5200 *Engine Parts*
- 45 5210 Carburetors
  - 45 5211 For combat vehicle engines
  - 45 5212 For non-combat vehicle engines
- 45 5220 Connecting rods
  - 45 5221 For combat vehicle engines
  - 45 5222 For non-combat vehicle engines
- 45 5230 Crankshafts
  - 45 5231 For combat vehicle engines
  - 45 5232 For non-combat vehicle engines
- 45 5240 Cylinder blocks
  - 45 5241 For combat vehicle engines
  - 45 5242 For non-combat vehicle engines
- 45 5250 Pistons
  - 45 5251 For combat vehicle engines
  - 45 5252 For non-combat vehicle engines

# MOTOR VEHICLES—Continued

## MOTOR VEHICLE ENGINES AND ENGINE PARTS, EXCEPT MOTOR CYCLE—Continued

### Engine Parts—Continued

- 45 5260 Pumps
- 45 5261 For combat vehicle engines
- 45 5262 For non-combat vehicle engines
- 45 5270 Valve assemblies
- 45 5271 For combat vehicle engines
- 45 5272 For non-combat vehicle engines
- 45 5290 Engine parts, not elsewhere classified
- 45 5291 For combat vehicle engines
- 45 5292 For non-combat vehicle engines
- 45 6000

## MOTOR VEHICLE PARTS AND ASSEMBLIES, EXCEPT ENGINES AND MOTOR CYCLE PARTS

- 45 6100 Parts
- 45 6110 Radiators
- 45 6111 For combat vehicles
- 45 6112 For non-combat vehicles
- 45 6120 Springs
- 45 6121 For combat vehicles
- 45 6122 For non-combat vehicles
- 45 6130 Tanks
- 45 6131 For combat vehicles
- 45 6132 For non-combat vehicles
- 45 6140 Wheels
- 45 6141 For combat vehicles
- 45 6142 For non-combat vehicles
- 45 6150 Link chains
- 45 6151 For combat vehicles
- 45 6152 For non-combat vehicles
- 45 6190 Parts, not elsewhere classified
- 45 6191 For combat vehicles
- 45 6192 For non-combat vehicles
- 45 6200 Accessories
- 45 6210 Strainers and filters
- 45 6220 Windshield wipers
- 45 6290 Accessories, not elsewhere classified
- 45 6300 Assemblies
- 45 6301 Braking system
- 45 6302 Clutch assembly
- 45 6303 Cooling system
- 45 6304 Differential, stand and auxiliary
- 45 6305 Drive shaft assembly
- 45 6306 Exhaust system
- 45 6307 Front axle system
- 45 6308 Fuel system
- 45 6311 Lubrication system
- 45 6312 Rear axle assembly
- 45 6313 Starter assembly
- 45 6314 Steering system
- 45 6315 Transmission assembly
- 45 6316 Wheel assembly
- 45 6399 Assemblies, not elsewhere classified
- 45 7000

### MOTORCYCLES

- 45 7010 Without side cars
- 45 7020 With side cars
- 45 7030 Side cars
- 45 7040 Cycle cars (include motorbikes)
- 45 7050 Motor scooters
- 45 7090 Motorcycles, not elsewhere classified
- 45 9000

## MOTOR VEHICLES, NOT ELSEWHERE CLASSIFIED

## MAJOR GROUP 49—MISCELLANEOUS TRANSPORTATION EQUIPMENT

- 49 0000 MISCELLANEOUS TRANSPORTATION EQUIPMENT
- 49 1000 BICYCLES AND BICYCLE PARTS
- 49 1100 *Adult (Wheels Over 25")*
- 49 1110 *Men's*
- 49 1120 *Women's*
- 49 1200 *Juvenile (Wheels Over 19", But Not Over 25")*
- 49 1210 *Boys'*
- 49 1220 *Girls'*
- 49 1300 *Sidewalk Type (Wheels Over 14", But Not Over 19")*
- 49 1310 *Boys'*
- 49 1320 *Girls'*
- 49 1800 *Bicycle Parts*
- 49 1810 *Chains*
- 49 1820 *Frames*
- 49 1830 *Handle bars*
- 49 1840 *Hub brakes*
- 49 1850 *Pedals*
- 49 1860 *Rims*
- 49 1870 *Saddles*
- 49 1880 *Spokes*
- 49 1890 *Bicycle parts, not elsewhere classified*
- 49 1900 *Bicycles, Not Elsewhere Classified (Include Commercial Tricycles)*
- 49 2000 PUSHCARTS, HANDCARTS, AND WHEELBARROWS
- 49 2100 *Pushcarts and Handcarts*
- 49 2210 *Steel*
- 49 2220 *Wood*
- 49 2190 *Pushcarts and handcarts, not elsewhere classified*
- 49 2200 *Wheelbarrows*
- 49 2210 *Steel tray*
- 49 2220 *Wood body*
- 49 2290 *Wheelbarrows, not elsewhere classified*
- 49 3000 HORSE-DRAWN VEHICLES
- 49 3100 *Business Wagons*
- 49 3200 *Carriages and Buggies*
- 49 3300 *Carts, 2-Wheel*
- 49 3400 *Farm Trucks (Steel Wheel)*
- 49 3500 *Farm Wagons (Wooden Gear and Wheel)*
- 49 3510 *1-horse*
- 49 3520 *2-horse*
- 49 3600 *Log and Lumber Wagons and Trucks*
- 49 3700 *Sleighs (Include Commercial Bobsleds)*
- 49 3800 *Sulkies*
- 49 3900 *Horse-Drawn Vehicles, Not Elsewhere Classified*
- 49 4000 FARM TRAILERS
- 49 4100 *2-Wheel*
- 49 4110 *With tilting floor*
- 49 4120 *Without tilting floor*
- 49 4200 *4-Wheel*
- 49 9000 TRANSPORTATION EQUIPMENT, NOT ELSEWHERE CLASSIFIED





## MAJOR GROUP 51—PLUMBING AND HEATING EQUIPMENT

51 0000	<i>PLUMBING AND HEATING EQUIPMENT</i>	
51 1000	SANITARY WARE	
51 1100	<i>Enameled Steel</i>	
51 1110	Baths	
51 1111	Single shell	
	51 11111	Base
	51 11112	Corner pattern
	51 11113	Leg
	51 11114	Pier pattern
	51 11115	Recessed
	51 11116	Reversible
51 1112	Double shell	
	51 11122	Corner pattern
	51 11124	Pier pattern
	51 11125	Recessed
51 1113	Square	
	51 11132	Corner pattern
	51 11135	Recessed
51 1119	Baths, not elsewhere classified	
51 1120	Drain boards, detachable; and tub covers	
51 1130	Shower stalls	
51 1131	Regular pattern, with metal base	
51 1132	Corner pattern, with metal base	
51 1133	Regular pattern, with composition base	
51 1134	Corner pattern, with composition base	
51 1135	Victory model, with composition wall and base	
51 1140	Shower receptors	
51 1170	Sinks	
51 1171	Kitchen	
	51 11711	Apron, with back
	51 11712	Roll rim, with back
	51 11713	Cabinet, roll rim, ledge pattern, with back
	51 11714	Cabinet, flat rim, ledge pattern, with back
	51 11715	Cabinet, flat rim, ledge pattern, without back
	51 11716	Flat rim, with back
	51 11717	Flat rim, without back
51 1172	Service	
	51 11721	Roll rim, with back
	51 11722	Roll rim, without back
	51 11723	Flat rim, with back
	51 11724	Flat rim, without back
51 1173	Wash	
	51 11731	Roll rim, with back and hanger
	51 11732	Roll rim, with back, on pedestal
	51 11733	Roll rim, without back, on pedestal
	51 11734	Flat rim, without back, on pedestal
51 1174	Dishwasher	
51 1178	Sink parts	
	51 11781	Sink backs
	51 11782	Sink legs
	51 11783	Tray legs
51 1190	Enameled steel sanitary ware, not elsewhere classified	

PLUMBING AND HEATING EQUIPMENT—Continued

SANITARY WARE—Continued

*Enameled Cast Iron*

51 1200	Baths
51 1210	Single shell
51 1211	51 12111 Base
	51 12112 Corner pattern
	51 12113 Leg
	51 12114 Pier pattern
	51 12115 Recessed
	51 12116 Reversible
51 1212	Double shell
	51 12122 Corner pattern
	51 12124 Pier pattern
	51 12125 Recessed
51 1213	Square
	51 12132 Corner pattern
	51 12135 Recessed
51 1219	Baths, not elsewhere classified
51 1220	Drinking fountains
51 1221	Multiple bubbler
51 1222	Pedestal
51 1223	Recessed
51 1224	Wall hung
51 1230	Flush tanks
51 1231	Low
51 1232	High, manual
51 1233	High, automatic
51 1234	Pressure (frost proof)
51 1240	Hospital fixtures
51 1241	Baths
	51 12411 Continuous flow
	51 12412 Emergency receiving
	51 12413 Foot
	51 12414 Infants'
	51 12415 Prenatal
	51 12416 Sitz
51 1242	Lavatories
	51 12421 Leg
	51 12422 Surgeons'
	51 12423 Wall
51 1243	Sinks
	51 12431 Diet kitchen
	51 12432 Service
	51 12433 Surgeons' washup
51 1250	Lavatories
51 1251	Cabinet type
51 1252	Corner, with apron
51 1253	Corner, roll rim
51 1254	Leg type
51 1255	Pedestal type
51 1256	Wall hung, with apron, with back
51 1257	Wall hung, roll rim, with back
51 1258	Wall hung, with apron, shelf back
51 1259	Lavatories, not elsewhere classified
51 1260	Prison fixtures
51 1261	Baths
51 1262	Hoppers
51 1263	Lavatories
51 1270	Sinks and sink-laundry tray combinations
51 1271	Kitchen sinks
	51 12711 Apron, with back
	51 12712 Roll rim, with back
	51 12713 Cabinet, roll rim, ledge pattern, with back
	51 12714 Cabinet, flat rim, ledge pattern, with back
	51 12715 Cabinet, flat rim, ledge pattern, without back
	51 12716 Flat rim, with back
	51 12717 Flat rim, without back



**PLUMBING AND HEATING EQUIPMENT—Continued**

**SANITARY WARE—Continued**

***Enameled Cast Iron—Continued***

**Sinks and sink-laundry tray combinations—Continued**

51 1272	Service sinks	
	51 12721	Roll rim, with back
	51 12722	Roll rim, without back
	51 12723	Flat rim, with back
	51 12724	Flat rim, without back
51 1273	Wash sinks	
	51 12731	Roll rim, with back and hanger
	51 12732	Roll rim, with back, on pedestal
	51 12733	Roll rim, without back, on pedestal
	51 12734	Flat rim, without back, on pedestal
51 1274	Dishwasher sinks	
51 1275	Sink-laundry tray combinations	
	51 12751	Flat rim, without back
	51 12752	Roll rim, with back
	51 12753	Apron, with back
51 1278	Sink parts	
	51 12781	Sink backs
	51 12782	Sink legs
	51 12783	Tray legs
51 1280	Urinals	
51 1281	Trough	
51 1282	Pedestal	
51 1283	Stall	
51 1284	Wall hung	
51 1290	Enameled cast iron sanitary ware, not elsewhere classified (include drain boards, tub covers, and closet hoppers)	
51 1300	<i>Concrete and Terrazzo</i>	
51 1310	Laundry trays	
51 1311	Single, without back	
51 1312	Single, with back	
51 1313	Double, without back	
51 1314	Double, with back	
51 1320	Wash fountains	
51 1330	Septic tanks	
51 1390	Concrete and terrazzo sanitary ware, not elsewhere classified	
51 1400	<i>Vitreous Glazed Earthenware</i>	
51 1410	Baths	
51 1411	Single shell	
	51 14111	Base
	51 14112	Corner pattern
	51 14113	Leg
	51 14114	Pier pattern
	51 14115	Recessed
	51 14116	Reversible
51 1412	Double shell	
	51 14122	Corner pattern
	51 14124	Pier pattern
	51 14125	Recessed
51 1413	Square	
	51 14132	Corner pattern
	51 14135	Recessed
51 1419	Baths, not elsewhere classified	
51 1420	Drinking fountains	
51 1421	Multiple bubbler	
51 1422	Pedestal	
51 1423	Recessed	
51 1424	Wall hung	
51 1430	Flush tanks	
52 1431	Low	
51 1432	High, manual	
51 1433	High, automatic	
51 1434	Pressure (frost proof)	

**PLUMBING AND HEATING EQUIPMENT—Continued**  
**SANITARY WARE—Continued**  
*Vitreous Glazed Earthenware—Continued*

51 1440	Hospital fixtures
51 1441	Baths
	51 14411 Continuous flow
	51 14412 Emergency receiving
	51 14413 Foot
	51 14414 Infants'
	51 14415 Prenatal
	51 14416 Sitz
51 1442	Lavatories
	51 14421 Leg
	51 14422 Surgeons'
	51 14423 Wall
51 1443	Sinks
	51 14431 Diet kitchen
	51 14432 Service
	51 14433 Surgeons' washup
51 1450	Lavatories
51 1451	Cabinet type
51 1452	Corner, with apron
51 1453	Corner, roll rim
51 1454	Leg type
51 1455	Pedestal type
51 1456	Wall hung, with apron, with back
51 1457	Wall hung, roll rim, with back
51 1458	Wall hung, with apron, shelf back
51 1459	Lavatories, not elsewhere classified
51 1460	Water closets
51 1461	One piece
51 1462	Close coupled
	51 14621 Wash down
	51 14622 Reverse trap
	51 14623 Siphon jet
51 1463	Low tank
	51 14631 Wash down
	51 14632 Reverse trap
	51 14633 Siphon jet
51 1464	Flush valve type (bowl only)
	51 146410 Wash down
	51 146420 Reverse trap
	51 146430 Siphon jet
	51 146440 Blow out
	51 146450 Wall hung
	51 146451 Siphon jet
	51 146452 Blow out
	51 146460 Angle base, wall outlet
	51 146461 Siphon jet
	51 146462 Blow out
	51 146470 Angle base, floor outlet
	51 146471 Siphon jet
	51 146472 Blow out
51 1465	Frost proof
51 1470	Sinks and sink-laundry tray combinations
51 1471	Kitchen sinks
	51 14711 Apron, with back
	51 14712 Roll rim, with back
	51 14713 Cabinet, roll rim, ledge pattern, with back
	51 14714 Cabinet, flat rim, ledge pattern, with back
	51 14715 Cabinet, flat rim, ledge pattern, without back
	51 14716 Flat rim, with back
	51 14717 Flat rim, without back
51 1472	Service sinks
	51 14721 Roll rim, with back
	51 14722 Roll rim, without back
	51 14723 Flat rim, with back
	51 14724 Flat rim, without back

**PLUMBING AND HEATING EQUIPMENT—Continued**

**SANITARY WARE—Continued**

**Vitreous Glazed Earthenware—Continued**

**Sinks and sink-laundry tray combinations—Continued**

- |         |   |                                     |
|---------|---|-------------------------------------|
| 51 1473 | Wash sinks  |                                     |
|         | 51 14731  | Roll rim, with back and hanger      |
|         | 51 14732  | Roll rim, with back, on pedestal    |
|         | 51 14733  | Roll rim, without back, on pedestal |
|         | 51 14734  | Flat rim, without back, on pedestal |
| 51 1474 | Dishwasher sinks  |                                     |
| 51 1475 | Sink-laundry tray combinations                                      |                                     |
|         | 51 14751  | Flat rim, without back              |
|         | 51 14752  | Roll rim, with back                 |
|         | 51 14753  | Apron, with back                    |
| 51 1478 | Sink parts  |                                     |
|         | 51 14781  | Sink backs                          |
|         | 51 14782  | Sink legs                           |
|         | 51 14783  | Tray legs                           |
| 51 1480 | Urinals   |                                     |
| 51 1481 | Trough  |                                     |
| 51 1482 | Pedestal  |                                     |
| 51 1483 | Stall   |                                     |
| 51 1484 | Wall hung   |                                     |
| 51 1490 | Vitreous glazed earthenware sanitary ware, not elsewhere classified |                                     |
| 51 1500 | <i>Vitreous China Pottery</i>                                       |                                     |
| 51 1510 | Baths   |                                     |
| 51 1511 | Single shell  |                                     |
|         | 51 15111  | Base                                |
|         | 51 15112  | Corner pattern                      |
|         | 51 15113  | Leg                                 |
|         | 51 15114  | Pier pattern                        |
|         | 51 15115  | Recessed                            |
|         | 51 15116  | Reversible                          |
| 51 1512 | Double shell  |                                     |
|         | 51 15122  | Corner pattern                      |
|         | 51 15124  | Pier pattern                        |
|         | 51 15125  | Recessed                            |
| 51 1513 | Square  |                                     |
|         | 51 15132  | Corner pattern                      |
|         | 51 15135  | Recessed                            |
| 51 1519 | Baths, not elsewhere classified                                     |                                     |
| 51 1520 | Drinking fountains  |                                     |
| 51 1521 | Multiple bubbler  |                                     |
| 51 1522 | Pedestal  |                                     |
| 51 1523 | Recessed  |                                     |
| 51 1524 | Wall hung   |                                     |
| 51 1530 | Flush tanks   |                                     |
| 51 1531 | Low   |                                     |
| 51 1532 | High, manual  |                                     |
| 51 1533 | High, automatic   |                                     |
| 51 1534 | Pressure (frost proof)  |                                     |
| 51 1540 | Hospital fixtures   |                                     |
| 51 1541 | Baths   |                                     |
|         | 51 15411  | Continuous flow                     |
|         | 51 15412  | Emergency receiving                 |
|         | 51 15413  | Foot                                |
|         | 51 15414  | Infants'                            |
|         | 51 15415  | Prenatal                            |
|         | 51 15416  | Sitz                                |
| 51 1542 | Lavatories  |                                     |
|         | 51 15421  | Leg                                 |
|         | 51 15422  | Surgeons'                           |
|         | 51 15423  | Wall                                |
| 51 1543 | Sinks   |                                     |
|         | 51 15431  | Diet kitchen                        |
|         | 51 15432  | Service                             |
|         | 51 15433  | Surgeons' washup                    |



**PLUMBING AND HEATING EQUIPMENT—Continued**  
**SANITARY WARE—Continued**  
*Vitreous China Pottery—Continued*

51 1550	Lavatories
51 1551	Cabinet type
51 1552	Corner, with apron
51 1553	Corner, roll rim
51 1554	Leg type
51 1555	Pedestal type
51 1556	Wall hung, with apron, with back
51 1557	Wall hung, roll rim, with back
51 1558	Wall hung, with apron, shelf back
51 1559	Lavatories, not elsewhere classified
51 1560	Water closets
51 1561	One piece
51 1562	Close coupled
	51 15621 Wash down
	51 15622 Reverse trap
	51 15623 Siphon jet
51 1563	Low tank
	51 15631 Wash down
	51 15632 Reverse trap
	51 15633 Siphon jet
51 1564	Flush valve type (bowl only)
	51 156410 Wash down
	51 156420 Reverse trap
	51 156430 Siphon jet
	51 156440 Blow out
	51 156450 Wall hung
	51 156451 Siphon jet
	51 156452 Blow out
	51 156460 Angle base, wall outlet
	51 156461 Siphon jet
	51 156462 Blow out
	51 156470 Angle base, floor outlet
	51 156471 Siphon jet
	51 156472 Blow out
51 1565	Frost proof
51 1570	Sinks and sink-laundry tray combinations
51 1571	Kitchen sinks
	51 15711 Apron, with back
	51 15712 Roll rim, with back
	51 15713 Cabinet, roll rim, ledge pattern, with back
	51 15714 Cabinet, flat rim, ledge pattern, with back
	51 15715 Cabinet, flat rim, ledge pattern, without back
	51 15716 Flat rim, with back
	51 15717 Flat rim, without back
51 1572	Service sinks
	51 15721 Roll rim, with back
	51 15722 Roll rim, without back
	51 15723 Flat rim, with back
	51 15724 Flat rim, without back
51 1573	Wash sinks
	51 15731 Roll rim, with back and hanger
	51 15732 Roll rim, with back, on pedestal
	51 15733 Roll rim, without back, on pedestal
	51 15734 Flat rim, without back, on pedestal
51 1574	Dishwasher sinks
51 1575	Sink-laundry tray combinations
	51 15751 Flat rim, without back
	51 15752 Roll rim, with back
	51 15753 Apron, with back
51 1578	Sink parts
	51 15781 Sink backs
	51 15782 Sink legs
	51 15783 Tray legs

PLUMBING AND HEATING EQUIPMENT—Continued

SANITARY WARE—Continued

Vitreous China Pottery—Continued

- 51 1580 Urinals
- 51 1581 Trough
- 51 1582 Pedestal
- 51 1583 Stall
- 51 1584 Wall hung
- 51 1590 Vitreous china pottery sanitary ware, not elsewhere classified  
(include Bidets)
- 51 1600 *All Metal*<sup>1</sup>
- 51 1610 Drinking fountains
- 51 1611 Multiple bubbler
- 51 1612 Pedestal
- 51 1613 Recessed
- 51 1614 Wall hung
- 51 1620 Interceptors, plaster
- 51 1630 Septic tanks
- 51 1640 Shower stalls
- 51 1641 Regular pattern, with metal base
- 51 1642 Corner pattern, with metal base
- 51 1643 Regular pattern, with composition base
- 51 1644 Corner pattern, with composition base
- 51 1645 Victory model, with composition wall and base
- 51 1650 Shower receptors
- 51 1670 Sinks
- 51 1671 Kitchen sinks
  - 51 16711 Apron, with back
  - 51 16712 Roll rim, with back
  - 51 16713 Cabinet, roll rim, ledge pattern, with back
  - 51 16714 Cabinet, flat rim, ledge pattern, with back
  - 51 16715 Cabinet, flat rim, ledge pattern, without back
  - 51 16716 Flat rim, with back
  - 51 16717 Flat rim, without back
- 51 1672 Service sinks
  - 51 16721 Roll rim, with back
  - 51 16722 Roll rim, without back
  - 51 16723 Flat rim, with back
  - 51 16724 Flat rim, without back
- 51 1673 Wash sinks
  - 51 16731 Roll rim, with back and hanger
  - 51 16732 Roll rim, with back, on pedestal
  - 51 16733 Roll rim, without back, on pedestal
  - 51 16734 Flat rim, without back, on pedestal
- 51 1674 Dishwasher sinks
- 51 1678 Sink parts
  - 51 16781 Sink backs
  - 51 16782 Sink legs
  - 51 16783 Tray legs
- 51 1680 Trap standards
- 51 1681 Wall outlet
- 51 1682 Floor outlet
- 51 1690 All metal sanitary ware, not elsewhere classified
- 51 1900 *Sanitary Ware, Not Elsewhere Classified*
- 51 2000 PLUMBING FIXTURE FITTINGS AND TRIM. AND PLUMBING SPECIALTIES
- 51 2100 *Plumbing Fixture Fittings and Trim*<sup>2</sup>
- 51 2101 Ball cocks
  - 51 21011 High tank, back supply
  - 51 21012 High tank, bottom supply
  - 51 21013 Low tank, back supply
  - 51 21014 Low tank, bottom supply
- 51 2102 Balls, flush tank
- 51 2103 Bubblers, drinking fountain
  - 51 21031 Straight type
  - 51 21032 Angle stream

<sup>1</sup> See Supplementary Code 51-1 for kind of metal on page 395.

<sup>2</sup> See Supplementary Code 51-2 for material on page 396.

**PLUMBING AND HEATING EQUIPMENT—Continued**  
**PLUMBING FIXTURE FITTINGS AND TRIM, AND PLUMBING SPECIALTIES—**  
**Continued**

*Plumbing Fixture Fittings and Trim—Continued*

51 2104	Chains
51 2105	Covers, faucet hole
51 2106	Drains, fixture
51 2107	Escutcheons
51 2108	Faucets, single
	51 210810 Hose end
	51 210820 Plain end, wall type
	51 210830 Plain end, ledge type
	51 210840 Wall faucets
	51 210850 Sill cocks
	51 210860 Self closing
	51 210870 Tray, laundry
	51 210880 Ice water
	51 210881 Manually operated
	51 210882 Tumbler push operated
51 2111	Faucets, combination
	51 21111 Center set (lavatory)
	51 21112 Swing spout (sink)
	51 21113 Long spout (service sink)
	51 21114 Wide center fitting (lavatory)
51 2112	Fittings, bidet
51 2113	Floats, flush tank
51 2114	Flush connections
51 2115	Flush elbows
51 2116	Flush pipes
51 2117	Flush valves
	51 21171 Low tank
	51 21172 High tank, manual
	51 21173 High tank, automatic
51 2118	Flushing rims
51 2121	Flushometer valves
	51 21211 Manual
	51 21212 Seat operated
51 2122	Handles
	51 21221 Cross
	51 21222 Lever
	51 21223 Round
51 2123	Hospital fixture trim
	51 21231 Foot operated
	51 21232 Knee operated
51 2124	Hush tubes
51 2125	Levers, tank
51 2126	Legs, lavatory
51 2127	Lift wires
51 2128	Overflow tubes
51 2131	Plugs, P. O.
51 2132	Prison fixture trim, lavatory
51 2133	Prison fixture trim, water closet
51 2134	Refill tubes, ballcock
51 2135	Rim guards
51 2136	Rods, float
51 2137	Shower arms
51 2138	Shower heads
51 2141	Shower valves
	51 21411 Single
	51 21412 Double
	51 21413 With transfer valve
	51 21414 Thermostatic mixing
	51 21415 Industrial
51 2142	Spouts
	51 21421 Lavatory
	51 21422 Sink
	51 21423 Tub
	51 21424 Tray
	51 21425 Service sink



**PLUMBING AND HEATING EQUIPMENT**—Continued  
**PLUMBING FIXTURE FITTINGS AND TRIM, AND PLUMBING SPECIALTIES**—  
Continued

*Plumbing Fixture Fittings and Trim*—Continued

51 2143	Sprays, faucet
51 2144	Spuds
51 2145	Stoppers
	51 21451 Detachable
	51 21452 Pop-up
51 2146	Stops, compression
	51 21461 Angle
	51 21462 Straight
51 2147	Strainers, fixture
	51 21471 Fixed
	51 21472 With plug
	51 21473 Urinal
51 2148	Supply pipes
51 2151	Tail pieces
51 2152	Traps, fixture
	51 21521 P traps
	51 21522 S traps
	51 21523 Drum
	51 21524 Anti-siphon
51 2153	Tub fillers
51 2154	Vacuum breakers
51 2155	Washdown pipes, urinal
51 2156	Wastes
	51 21561 Lavatory
	51 21562 Tub
	51 21563 Tub, with overflow
	51 21564 Sink
	51 21565 Continuous
51 2199	Plumbing fixture fittings and trim, not elsewhere classified
51 2200	<i>Plumbing Specialties</i> *
51 2201	Boiler couplings
	51 22011 Straight
	51 22012 Elbow
51 2202	Boiler drains
51 2203	Brackets, fixture
51 2204	Cocks
51 2205	Drains
	51 22051 Area
	51 22052 Curb
	51 22053 Floor
	51 22054 Roof
	51 22055 Shower
51 2206	Expansion joints
51 2207	Ferrules
51 2208	Flanges, closet
51 2211	Hydrants, wall
51 2212	Pipe collars
51 2213	Shock absorbers for water
51 2214	Sink collars
51 2215	Siphons for septic tanks
51 2216	Sleeves
51 2217	Solder bushings
51 2218	Solder nipples
51 2221	Stops
51 2222	Supports, fixture
51 2223	Swimming pool fittings
51 2224	Valves, special use
51 2299	Plumbing specialties, not elsewhere classified

\* See Supplementary Code 51-2 for material on page 396.

**PLUMBING AND HEATING EQUIPMENT—Continued**

**PLUMBING FIXTURE FITTINGS AND TRIM, AND PLUMBING SPECIALTIES—**

**Continued**

51 2300	<i>Toilet Seats</i> <sup>3</sup>
51 2310	Open front
51 2320	Open front, with lid
51 2330	Close front
51 2340	Closed front, with lid
51 2400	<i>Bathroom and Toilet Accessories</i> <sup>4</sup>
51 2401	Grab bars
51 2402	Hooks
51 2403	Paper holders
51 2404	Shower curtain rods
51 2405	Soap holder and grab bar combinations
51 2406	Soap holders
51 2407	Soap dispensers
51 2408	Toothbrush holders
51 2411	Towel bars
51 2412	Towel dispensers
51 2413	Tumbler holders
51 2499	Bathroom and toilet accessories, not elsewhere classified
51 2900	<i>Plumbing Fixture Fittings and Trim, and Plumbing Specialties.</i> <i>Not Elsewhere Classified</i>
51 3000	<b>HEATING EQUIPMENT, STEAM AND HOT WATER</b>
51 3100	<i>Boilers, Cast Iron</i>
51 3110	With grates, for hand fired coal
51 3111	Round
51 3112	Sectional, push nipple type
51 3113	Sectional, header type
51 3114	Magazine feed
51 3115	Hot water supply boilers, over 30 pounds working pressure
51 3120	Without grates, for conversion burners
51 3121	Round
51 3122	Sectional, push nipple type
	51 31221 Dry base
	51 31222 Wet base
51 3123	Sectional, header type
51 3125	Hot water supply boilers, over 30 pounds working pressure
51 3130	Gas fired with integral burners
51 3140	Boiler-burner units
51 3141	Round
51 3142	Sectional, push nipple type
51 3143	Sectional, header type
51 3145	Hot water supply boilers, over 30 pounds working pressure
51 3200	<i>Boilers, Steel (Under 100 pounds W. S. P.)</i>
51 3210	15 pounds steam, or 30 pounds water working pressure
51 3211	With grates, for hand fired coal
51 3212	For stoker firing
51 3213	For oil firing, except boiler-burner units
51 3214	Boiler-burner units, oil fired
51 3215	Gas fired, with integral burners
51 3216	For firing with gas conversion burners
51 3220	16-99 pounds steam working pressure
51 3221	With grates, for hand fired coal
51 3222	For stoker firing
51 3223	For oil firing, except boiler-burner units
51 3224	Boiler-burner units, oil fired
51 3225	Gas fired, with integral burners
51 3226	For firing with gas conversion burners
51 3300	<i>Radiators</i>
51 3310	Cast iron
51 3311	Columnar
51 3312	Large tube

<sup>3</sup> See Supplementary Code 51-3 for material on page 396.

<sup>4</sup> See Supplementary Code 51-4 for material on page 396.

PLUMBING AND HEATING EQUIPMENT—Continued  
HEATING EQUIPMENT, STEAM AND HOT WATER—Continued  
Radiators—Continued

	Cast Iron—Continued	
51 3313	Small tube	
51 3314	Wall	
51 3315	Panel	
51 3316	Bathroom	
51 3317	Pin type	
51 3319	Cast iron radiators, not elsewhere classified	
51 3320	Steel	
51 3330	Gas-steam, with integral burners	
51 3340	Electric-steam, with integral heating elements	
51 3400	<i>Convectors</i> <sup>*</sup>	
51 3500	<i>Blast Coils</i> <sup>*</sup>	
51 3600	<i>Unit Ventilators</i> <sup>*</sup>	
51 3700	<i>Unit Heaters, Steam and Hot Water</i> <sup>*</sup>	
51 3710	Suspended, horizontal discharge, propeller fans	
51 3720	Vertical downblast, propeller fans	
51 3730	Vertical downblast, with ventilators	
51 3740	Horizontal discharge, suspended, blower fans	
51 3750	Floor mounted, blower fans	
51 3760	Winter air conditioners, residential type (steam and hot water), horizontal type	
51 3770	Winter air conditioners, residential type (steam and hot water), floor mounted	
51 3790	Unit heaters, steam and hot water, not elsewhere classified	
51 3800	<i>Heating Specialties</i>	
51 3810	Steam (under 15 pounds W. S. P.)	
	51 381010 Air line traps	
	51 381020 Air line valves	
	51 381030 Air vent valves	
	51 381031 Radiator vent valves	
	51 381032 Float vent valves	
	51 381033 Quick vent valves	
	51 381040 Blast traps	
	51 381041 Float	
	51 381042 Float and thermostatic	
	51 381043 Thermostatic	
	51 381044 Bucket	
	51 381045 Impulse	
	51 381050 Boiler return traps	
	51 381060 Drip pockets	
	51 381070 Drip traps	
	51 381071 Float traps	
	51 381072 Float and thermostatic traps	
	51 381073 Thermostatic drip traps	
	51 381080 Flush tanks	
	51 381110 Lift fittings	
	51 381120 Orifice plates	
	51 381130 Radiator traps	
	51 381131 Bellows type	
	51 381132 Diaphragm type	
	51 381140 Radiator valves	
	51 381150 Strainers, trap	
	51 381160 Vacuum breakers	
	51 381990 Steam heating specialties (under 15 pounds W. S. P.), not elsewhere classified	
51 3820	Steam (over 15 pounds W. S. P.)	
51 3821	Bucket traps	
51 3822	Thermostatic traps	
51 3823	Radiator valves	
51 3829	Steam heating specialties (over 15 pounds W. S. P.), not elsewhere classified	

<sup>\*</sup> See Supplementary Code 51-5 for kind of structural parts on page 396.



PLUMBING AND HEATING EQUIPMENT—Continued  
HEATING EQUIPMENT, STEAM AND HOT WATER—Continued  
*Heating Specialties—Continued*

51 3830	Hot water heating specialties
51 3831	Circulating pumps
51 3832	Flow valves
51 3833	Mixing valves
51 3834	Pressure relief valves
51 3835	Radiator valves
51 3836	Vent valves
51 3837	Water feeders
51 3838	Flow fittings
51 3839	Hot water heating specialties, not elsewhere classified (include return elbows)
51 3840	Boiler specialties
51 3841	Boiler water feeders
51 3842	Boiler safety valves
51 3843	Combination low water cut-off and water feeder
51 3844	Fusible plugs
51 3845	Low water cut-offs
51 3846	Try cocks
51 3847	Water column assemblies
51 3849	Boiler specialties, not elsewhere classified
51 3850	Steam heating system pumps
51 3851	Condensation
51 3852	Vacuum
51 3890	Heating specialties, not elsewhere classified
51 3900	<i>Heating Equipment, Steam and Hot Water, Not Elsewhere Classified</i>
51 4000	HEATING EQUIPMENT, WARM AIR
51 4100	<i>Furnaces, Gravity Circulation*</i>
51 4110	With grates, hand fired
51 4111	Pipeless
51 4112	Pipe
51 4120	Without grates (for conversion burners)
51 4121	Pipeless
51 4122	Pipe
51 4130	Gas, with integral burners
51 4131	Pipeless
51 4132	Pipe
51 4136	Floor
51 4137	Wall
51 4140	Oil, with integral burners
51 4141	Pipeless
51 4142	Pipe
51 4146	Floor
51 4147	Wall
51 4150	Stoker fired
51 4151	Pipeless
51 4152	Pipe
51 4160	Magazine feed
51 4161	Pipeless
51 4162	Pipe
51 4190	Furnaces, gravity circulation, not elsewhere classified
51 4200	<i>Fan-Furnace Units*</i>
51 4210	With grates, hand fired
51 4211	Basement type
51 4212	Utility room type
51 4213	Chimney furnace
51 4214	Chimney heater range
51 4220	Without grates (for conversion burners)
51 4221	Basement type
51 4222	Utility room type
51 4230	Gas fired, with integral burners
51 4231	Basement type
51 4232	Utility room type

\* See Supplementary Code 51-6 for material on page 396.

PLUMBING AND HEATING EQUIPMENT—Continued

HEATING EQUIPMENT, WARM AIR—Continued

Fan-Furnace Units—Continued

51 4240	Oil fired, with integral burners
51 4241	Basement type
51 4242	Utility room type
51 4250	Stoker fired
51 4260	Magazine feed
51 4261	Basement type
51 4262	Utility room type
51 4290	Fan furnace units, not elsewhere classified
51 4300	<i>Unit Heaters, Direct Fired</i>
51 4310	Hand fired, floor mounted
51 4330	Gas fired, with integral burners
51 4331	Floor mounted, with blower fans
51 4332	Floor mounted, with propeller fans
51 4333	Suspended, with blower fans
51 4334	Suspended, with propeller fans
51 4340	Oil fired, with integral burners
51 4341	Floor mounted, with blower fans
51 4342	Floor mounted, with propeller fans
51 4343	Suspended, with blower fans
51 4350	Stoker fired, floor mounted, with blower fans
51 4400	<i>Furnace Pipe and Fittings, Prefabricated</i> <sup>7</sup>
51 4410	Wall stacks and fittings
51 4411	Pipe
51 4412	Elbows
51 4413	Register boxes
	51 44131 Single
	51 44132 Double
51 4414	Transition boots
51 4415	Dampers
51 4419	Wall stacks and fittings, not elsewhere classified
51 4420	Basement ducts and fittings
51 4421	Pipe, round
51 4422	Pipe, rectangular
51 4423	Elbows
51 4424	Y's
51 4425	Furnace collars
51 4426	Dampers and damper fittings
51 4427	Transition fittings
51 4429	Basement ducts and fittings, not elsewhere classified
51 4500	<i>Stove and Smoke Pipe and Fittings</i>
51 4510	Stove pipe and fittings
51 4511	Stove pipe
51 4512	Stove pipe elbows
51 4513	Wall collars
51 4514	Chimney hold plugs
51 4515	Stove pipe dampers
51 4519	Stove pipe fittings, not elsewhere classified
51 4520	Smoke pipe and fittings
51 4521	Smoke pipe
51 4522	Smoke pipe elbows, adjustable
51 4523	Smoke pipe elbows, fixed
51 4524	Smoke pipe tees
51 4525	Smoke pipe transition fittings
51 4529	Smoke pipe fittings, not elsewhere classified
51 4600	<i>Humidifiers</i>
51 4610	Pan type, with automatic feed
51 4611	Plain
51 4612	With extended surface
51 4620	Pan type, manual feed
51 4630	Drip type
51 4640	Spray type
56 4641	Furnace type
51 4642	Self-contained, industrial

<sup>7</sup> See Supplementary Code 51-7 for type of material and construction on page 396.

PLUMBING AND HEATING EQUIPMENT—Continued

HEATING EQUIPMENT, WARM AIR—Continued

Humidifiers—Continued

- 51 4650 Steam jet type
- 51 4660 Cabinet type
- 51 4690 Humidifiers, not elsewhere classified

Registers and Grilles

- 51 4710 Registers, wall type
  - 51 4711 Stamped face, single valve
  - 51 4712 Stamped face, multivalve
  - 51 4713 Cast face, single valve
  - 51 4714 Cast face, multivalve
  - 51 4715 Fabricated face, fixed vanes, single valve
  - 51 4716 Fabricated face, fixed vanes, multivalve
  - 51 4717 Fabricated face, movable vanes, single valve
  - 51 4718 Fabricated face, movable vanes, multivalve
  - 51 4719 Registers, wall type, not elsewhere classified
- 51 4720 Registers, baseboard type
  - 51 4721 Stamped face, single valve
  - 51 4722 Stamped face, multivalve
  - 51 4723 Cast face, single valve
  - 51 4724 Cast face, multivalve
  - 51 4725 Fabricated face, fixed vanes, single valve
  - 51 4726 Fabricated face, fixed vanes, multivalve
  - 51 4727 Fabricated face, movable vanes, single valve
  - 51 4728 Fabricated face, movable vanes, multivalve
  - 51 4729 Registers, baseboard type, not elsewhere classified
- 51 4730 Floor registers
  - 51 4731 Stamped face
  - 51 4732 Cast face
  - 51 4733 Fabricated face
  - 51 4739 Floor registers, not elsewhere classified
- 51 4740 Return grilles
  - 51 4741 Stamped face
  - 51 4742 Cast face
  - 51 4743 Fabricated face
  - 51 4749 Return grilles, not elsewhere classified

Warm Air Heating Equipment, Not Elsewhere Classified

STOVES AND RANGES, DOMESTIC, EXCEPT ELECTRIC

Space Heaters

- 51 5100
- 51 5110 Coal
  - 51 5111 Circulating
  - 51 5112 Cannon
  - 51 5113 Magazine
  - 51 5114 Hot blast
  - 51 5115 Oak
  - 51 5116 Laundry stoves
- 51 5120 Wood
  - 51 5121 Circulating
  - 51 5122 Airtight
- 51 5130 Coal and wood
- 51 5140 Gas
  - 51 5141 Circulating, vented
  - 51 5142 Circulating, unvented
  - 51 5143 Radiant
  - 51 5144 Bathroom
- 51 5150 Oil
  - 51 5151 Circulating, pot burner
  - 51 5152 Circulating, sleeve burner
  - 51 5153 Portable heaters
  - 51 5154 Trailer heaters
- 51 5190 Space heaters, not elsewhere classified
- 51 5200 Combination Cooking and Heating Stoves
  - 51 5210 Coal
    - 51 5211 With oven
    - 51 5212 Without oven
    - 51 5213 With oven and with waterback
    - 51 5214 Without oven and with waterback



PLUMBING AND HEATING EQUIPMENT—Continued  
 STOVES AND RANGES, DOMESTIC EXCEPT ELECTRIC—Continued  
*Combination Cooking and Heating Stoves—Continued*

51 5220	Wood	
51 5221	With oven	
51 5222	Without oven	
51 5223	With oven and with waterback	
51 5224	Without oven and with waterback	
51 5230	Coal and wood	
51 5231	With oven	
51 5232	Without oven	
51 5233	With oven and with waterback	
51 5234	Without oven and with waterback	
51 5240	Gas	
51 5250	Oil	
51 5260	Gas and oil	
51 5290	Combination cooking and heating stoves, not elsewhere classified	
51 5300	<i>Cooking Stoves and Ranges, Domestic</i>	
51 5310	Coal	
51 5311	With oven	
51 5312	Without oven	
51 5313	With oven and with waterback	
51 5314	Without oven and with waterback	
51 5320	Wood	
51 5321	With oven	
51 5322	Without oven	
51 5323	With oven and with waterback	
51 5324	Without oven and with waterback	
51 5330	Coal and wood	
51 5331	With oven	
51 5332	Without oven	
51 5333	With oven and with waterback	
51 5334	Without oven and with waterback	
51 5340	Gas	
51 5341	With oven	
51 5342	Hot plates	
51 5343	Table stoves	
51 5350	Oil	
51 5351	With oven	
51 5352	Hot plates	
51 5353	Table stoves	
51 5360	Gas and oil combination	
51 5370	Gasoline	
51 5371	With oven	
51 5372	Hot plates	
51 5373	Table stoves	
51 5374	Trailer stoves	
51 5380	Ovens	
51 5381	Portable	
51 5382	Drum	
51 5390	Cooking stoves and ranges, domestic, not elsewhere classified	
51 5900	<i>Stoves and Ranges, Domestic, Except Electric, Not Elsewhere Classified</i>	
51 6000	COOKING AND WARMING EQUIPMENT, COMMERCIAL, EXCEPT ELECTRIC	
51 6100	<i>Cooking Equipment, Commercial</i>	
51 6101	Bake ovens, cabinet	
51 6102	Bake ovens, sectional	
51 6103	Barbecue machines	
51 6104	Broilers	
51 6105	Broiler griddles	
51 6106	Broilers-roasters	
51 6107	Cake bakers	
51 6108	Cereal cookers	
51 6111	Chicken singers	
51 6112	Chop suey ranges	
51 6113	Coffee urns	
51 6114	Confectioners' stoves	
51 6115	Cruller fryers	

**PLUMBING AND HEATING EQUIPMENT—Continued**  
**COOKING AND WARMING EQUIPMENT, COMMERCIAL, EXCEPT ELECTRIC—**  
**Continued**

*Cooking Equipment, Commercial—Continued*

51 6116	Deep fat fryers
51 6117	Doughnut cookers
51 6118	Egg boilers
51 6121	Griddles
51 6122	Hot plates
51 6123	Nut blancher ovens
51 6124	Nut fryers
51 6125	Oven steamers
51 6126	Oyster stoves
51 6127	Peanut roasters
51 6128	Popcorn machines
51 6131	Potato chip fryers
51 6132	Pressure cookers
51 6133	Ranges
	51 61331 Heavy duty
	51 61332 Short order
	51 61333 Marine
51 6134	Rotisseries
51 6135	Salamanders
51 6136	Sausage warmers
51 6137	Steam cookers
51 6138	Steam jacketed kettles
51 6141	Tea urns
51 6142	Toasters
51 6143	Vegetable steamers
51 6144	Waffle irons
51 6145	Water urns
51 6199	Cooking equipment, commercial, except electric, not elsewhere classified

*Food and Plate Warming Equipment, Commercial*

51 6200	Food warming equipment
51 6210	Bain maries
51 6211	Steam tables
51 6212	Roll warmers
51 6213	Warming ovens
51 6214	Dish and cup warmers
51 6220	Cooking and Warming Equipment, Commercial, Except Electric, Not Elsewhere Classified

**FUEL BURNING EQUIPMENT**

51 7000	<i>Stokers</i>
51 7100	Underfeed, worm
51 7110	Dead plate, anthracite
51 7111	Dead plate, bituminous
51 7112	Dumping grate, anthracite
51 7113	Dumping grate, bituminous
51 7114	Underfeed, ram
51 7120	Dead plate, anthracite
51 7121	Dead plate, bituminous
51 7122	Dumping grate, anthracite
51 7123	Dumping grate, bituminous
51 7124	Chain grate
51 7130	Anthracite
51 7131	Bituminous
51 7132	Moving grate
51 7140	Anthracite
51 7141	Bituminous
51 7142	Stokers, not elsewhere classified
51 7190	<i>Oil Burners*</i>
51 7200	Vaporizing
51 7210	Pressure atomizing (motor driven)
51 7220	Pressure atomizing (remote pump)
51 7230	

\* See Supplementary Code 51-8 for standard grades of oil on page 396.

**PLUMBING AND HEATING EQUIPMENT—Continued**

**FUEL BURNING EQUIPMENT—Continued**

**Oil Burners—Continued**

- 51 7240 Vertical rotary cup
- 51 7250 Horizontal rotary cup
- 51 7260 Combination oil-gas burners
- 51 7290 Oil burners, not elsewhere classified
- 51 7300 *Conversion Gas Burners*
- 51 7310 Multiple port, Bunsen type
- 51 7320 Gun type
- 51 7390 Conversion gas burners, not elsewhere classified

**Conversion Grates**

- 51 7400 Dead plate
- 51 7410 Shaking grate, universal
- 51 7420 Conversion grates; not elsewhere classified

**Fuel Burning Equipment, Not Elsewhere Classified**

**51 8000 DOMESTIC WATER HEATERS (EXCEPT ELECTRIC) AND STORAGE TANKS**

**Domestic Water Heaters, Direct Fired**

- 51 8100 Gas fired
- 51 8110 Underfired (with integral storage tank)
- 51 8111 Instantaneous (no storage tank)
- 51 8112 Sidearm (separate storage tank)
- 51 8113 Gas fired water heaters, not elsewhere classified
- 51 8119 Oil fired
- 51 8120 Underfired (with integral storage tank)
- 51 8121 Instantaneous (no storage tank)
- 51 8122 Sidearm (separate storage tank)
- 51 8123 Oil fired water heaters, not elsewhere classified
- 51 8129 Solar water heaters
- 51 8130 Flue pipe water heaters
- 51 8140 Domestic water heater parts
- 51 8180 Water backs and fronts
- 51 8181 Firepot coils
- 51 8182 Water heater reservoirs
- 51 8183 Domestic water heater parts, not elsewhere classified
- 51 8189 Domestic water heaters, direct fired, not elsewhere classified

**Domestic Water Heaters, Indirect Heated (Steam or Hot Water)**

- 51 8200 Storage type (with coil built-in tank)
- 51 8210 Instantaneous (direct draw, no tank)
- 51 8220 Sidearm
- 51 8221 Boiler coils
- 51 8222 Sidearm (separate storage tank)
- 51 8230 Steam injector type
- 51 8240 Domestic water heaters, indirect heated, not elsewhere classified
- 51 8290 *Water Storage Tanks (Without Coils or Burners)*
- 51 8300 Range boilers
- 51 8310 Hot water storage tanks
- 51 8320 Cold water storage tanks
- 51 8330 *Domestic Water Heaters (Except Electric) and Storage Tanks, Not Elsewhere Classified*

**MISCELLANEOUS PLUMBING AND HEATING EQUIPMENT**

- 51 9000 *Incinerators*
- 51 9100 Domestic
- 51 9110 Industrial
- 51 9120 *Plumbing and Heating Equipment, Not Elsewhere Classified*

**SUPPLEMENTARY CODE 51-1 KIND OF METAL FOR ALL-METAL  
SANITARY WARE (51 1600)**

- 1 Stainless steel
- 2 Galvanized steel
- 3 Monel metal
- 4 Copper-base alloy
- 9 Metal, not elsewhere classified



**SUPPLEMENTARY CODE 51-2 MATERIAL FOR PLUMBING FIXTURE  
FITTINGS AND TRIM, AND PLUMBING SPECIALTIES (51 2100 AND  
51 2200)**

- |   |                                    |
|---|------------------------------------|
| 1 | Copper-base alloy                  |
| 2 | Iron body                          |
| 3 | Plastic                            |
| 9 | Material, not elsewhere classified |

**SUPPLEMENTARY CODE 51-3 MATERIAL FOR TOILET SEATS (51 2300)**

- |   |                                    |
|---|------------------------------------|
| 1 | Sheet covered                      |
| 2 | Rubber                             |
| 3 | Plastic                            |
| 4 | Wood                               |
| 9 | Material, not elsewhere classified |

**SUPPLEMENTARY CODE 51-4 MATERIAL FOR BATHROOM AND TOILET  
ACCESSORIES (51 2400)**

- |   |                                    |
|---|------------------------------------|
| 1 | Copper-base alloy                  |
| 2 | Iron                               |
| 3 | Plastic                            |
| 4 | Vitreous glazed earthenware        |
| 5 | Vitreous china pottery             |
| 9 | Material, not elsewhere classified |

**SUPPLEMENTARY CODE 51-5 STRUCTURAL PARTS OF CONVECTORS,  
BLAST COILS, UNIT VENTILATORS AND UNIT HEATERS (51 3400,  
51 3500, 51 3600, AND 51 3700)**

- |   |  |
|---|--|
| 1 | Cast iron                                  |
| 2 | Steel tube and steel fin                   |
| 3 | Steel tube and copper fin                  |
| 4 | Copper tube and copper fin                 |
| 5 | Copper tube and aluminum fin               |
| 6 | Aluminum tube and aluminum fin             |
| 9 | Structural parts, not elsewhere classified |

**SUPPLEMENTARY CODE 51-6 MATERIAL FOR FURNACES (51 4100 AND  
51 4200)**

- |   |           |
|---|-----------|
| 1 | Cast iron |
| 2 | Steel     |

**SUPPLEMENTARY CODE 51-7 TYPE OF MATERIAL AND CONSTRUCTION  
OF PREFABRICATED FURNACE PIPE AND FITTINGS (51 4400)**

- |   |  |
|---|--|
| 1 | Single wall, tin plate                         |
| 2 | Double wall, tin plate                         |
| 3 | Single wall, galvanized steel                  |
| 4 | Double wall, galvanized steel                  |
| 5 | Asbestos                                       |
| 6 | Non-metallic                                   |
| 9 | Type of construction, not elsewhere classified |

**SUPPLEMENTARY CODE 51-8 FOR STANDARD GRADES OF OIL FOR  
OIL BURNERS (51 7200)**

- |   |                       |
|---|-----------------------|
| 1 | No. 1 oil             |
| 2 | No. 2, 3, or 4 oil    |
| 3 | No. 5 oil and heavier |

## MAJOR GROUP 52—AIR-CONDITIONING AND REFRIGERATION EQUIPMENT

- 52 0000 *AIR-CONDITIONING AND REFRIGERATION EQUIPMENT*
- 52 1000 *AIR-CONDITIONING UNITS AND SYSTEMS*
- 52 1100 *Self-Contained Air-Conditioning Units*
- 52 1110 Window-type units
- 52 1120 Room coolers
- 52 1130 Store coolers
- 52 1190 Self-contained air-conditioning units, not elsewhere classified
- 52 1200 *Central-Station-Type Air-Conditioning Systems*
- 52 1210 Absorption system
- 52 1220 Circulating water systems
- 52 1230 Direct-expansion systems
- 52 1240 Steam-jet systems
- 52 1290 Central-station-type air-conditioning systems, not elsewhere classified
- 52 1900 *Air-Conditioning Units And Systems, Not Elsewhere Classified*
- 52 2000 *HOUSEHOLD MECHANICAL REFRIGERATION UNITS (16 CU. FT. OR LESS, SELF-CONTAINED)*
- 52 2100 *Electric*
- 52 2200 *Gas*
- 52 2300 *Kerosene*
- 52 2900 *Household Mechanical Refrigeration Units, Not Elsewhere Classified*
- 52 3000 *COMMERCIAL REFRIGERATED INSULATED ENCLOSURES, MECHANICAL*
- 52 3100 *Walk-In Refrigerators*
- 52 3110 Self-contained
- 52 3120 Remote with cooling coils
- 52 3130 Remote without cooling coils
- 52 3190 Walk-in refrigerators, not elsewhere classified
- 52 3200 *Reach-In Refrigerators*
- 52 3210 Self-contained
- 52 3220 Remote with cooling coils
- 52 3230 Remote without cooling coils
- 52 3290 Reach-in mechanical commercial refrigerators, not elsewhere classified
- 52 3300 *Under-Counter Refrigerators*
- 52 3310 Self-contained
- 52 3320 Remote with cooling coils
- 52 3390 Under-counter mechanical refrigerators, not elsewhere classified
- 52 3400 *Back-Bar Refrigerators*
- 52 3410 Self-contained
- 52 3420 Remote with cooling coils
- 52 3490 Back-bar mechanical refrigerators, not elsewhere classified
- 52 3500 *Beverage-Cooling Cabinets*
- 52 3510 Self-contained
- 52 3511 Dry-type
- 52 3512 Wet-type
- 52 3520 Remote with cooling coils
- 52 3521 Dry-type
- 52 3522 Wet-type
- 52 3590 Beverage-cooling cabinets, mechanical, not elsewhere classified
- 52 3600 *Frozen-Food Storage Cabinets*
- 52 3610 Self-contained
- 52 3620 Remote with cooling coils
- 52 3690 Frozen-food storage cabinets, mechanical, not elsewhere classified
- 52 3900 *Commercial Refrigerated Insulated Enclosures, Mechanical, Not Elsewhere Classified*

# AIR CONDITIONING AND REFRIGERATION EQUIPMENT—

	Continued
52 4000	ICE CREAM FREEZING AND DISPENSING UNITS, ELECTRIC
52 4100	Counter Freezers
52 4110	Self-contained
52 4120	Remote
52 4190	Counter freezers, not elsewhere classified
52 4200	Soda Fountains
52 4210	Self-contained
52 4211	Complete
52 4212	Fountainettes
52 4220	Remote
52 4221	Complete
52 4222	Fountainettes
52 4290	Soda fountains, not elsewhere classified
52 4300	Ice Cream Cabinets
52 4310	Self-contained
52 4311	Dispensing
52 4312	Hardening
52 4319	Self-contained ice cream cabinets, not elsewhere classified
52 4320	Remote
52 4321	Dispensing
52 4322	Hardening
52 4329	Ice cream cabinets, remote, not elsewhere classified
52 4390	Ice cream cabinets, not elsewhere classified
52 5000	BEER DISPENSING EQUIPMENT, ELECTRIC
52 5100	Tap Stands
52 5110	With storage cooler (remote)
52 5120	Without storage cooler (remote)
52 5190	Tap stands, not elsewhere classified
52 5200	Direct-Draw
52 5210	Self-contained
52 5220	Remote
52 5290	Direct-draw beer-dispensing equipment, not elsewhere classified
52 5300	Novelty Boxes
52 5310	Self-contained
52 5320	Remote
52 5390	Novelty boxes, not elsewhere classified
52 5400	Circulating Sweet-Water Bath (Remote)
52 5900	Beer Dispensing Equipment, Electric, Not Elsewhere Classified
52 6000	DISPLAY CASES, ELECTRIC
52 6100	Single-Duty
52 6110	Self-contained
52 6120	Remote with cooling coils
52 6190	Single-duty display cases, electric, not elsewhere classified
52 6200	Double-Duty
52 6210	Self-contained
52 6220	Remote with cooling coils
52 6290	Double-duty display cases, electric, not elsewhere classified
52 6300	Full-Vision
52 6310	Self-contained
52 6320	Remote with cooling coils
52 6390	Full-vision display cases, electric, not elsewhere classified
52 6400	Vegetable
52 6410	Self-contained
52 6420	Remote with cooling coils
52 6490	Vegetable display cases, electric, not elsewhere classified
52 6500	Florist
52 6510	Self-contained
52 6520	Remote with cooling coils
52 6590	Florist display cases, electric, not elsewhere classified
52 6600	Wall Cases
52 6610	Self-contained
52 6620	Remote with cooling coils
52 6690	Wall display cases, electric, not elsewhere classified



# AIR CONDITIONING AND REFRIGERATION EQUIPMENT--

Continued

## DISPLAY CASES, ELECTRIC--Continued

- 52 6700 *Frozen-Food*
- 52 6710 Self-contained
- 52 6720 Remote with cooling coils
- 52 6790 Frozen-food display cases, electric, not elsewhere classified
- 52 6900 *Display Cases, Electric, Not Elsewhere Classified*
- 52 7000 ICE-MAKING AND COLD STORAGE PLANT SYSTEMS, AND REFRIGERATION COMPONENTS AND ACCESSORIES
- 52 7100 *Ice-Making Plant Units and Systems, Electric*
- 52 7110 Brine-plant systems
- 52 7120 Ice-makers
- 52 7121 Portable
- 52 7122 Instantaneous
- 52 7129 Ice-makers, not elsewhere classified
- 52 7130 Cube ice-machines (ice-making)
- 52 7131 Self-contained
- 52 7132 Remote
- 52 7139 Cube ice-makers, not elsewhere classified
- 52 7190 Ice-making plant units and systems, not elsewhere classified
- 52 7200 *Cold-Storage Plant Systems, Electric*
- 52 7210 Above-freezing
- 52 7220 Low-temperature
- 52 7230 Locker-plant
- 52 7290 Cold-storage plant systems, not elsewhere classified
- 52 7300 *Air-Conditioning and Refrigeration Components and Accessories*
- 52 7310 Compressors
- 52 7311 Reciprocating
- 52 7312 Centrifugal
- 52 7313 Rotary
- 52 7319 Compressors, not elsewhere classified
- 52 7320 Condensing units, stationary
- 52 7321 Air-cooled
  - 52 732110 Gasoline-powered
  - 52 732111 Engine-generator drive
  - 52 732112 Direct drive
  - 52 732119 Gasoline-powered, not elsewhere classified
  - 52 732120 Electric-powered
  - 52 732121 With motor
  - 52 732122 Without motor
  - 52 732190 Air-cooled, not elsewhere classified
- 52 7322 Water-cooled
  - 52 732210 Gasoline-powered
  - 52 732211 Engine-generator drive
  - 52 732212 Direct drive
  - 52 732219 Gasoline-powered, not elsewhere classified
  - 52 732220 Electric-powered
  - 52 732221 With motor
  - 52 732222 Without motor
  - 52 732290 Water-cooled, not elsewhere classified
- 52 7329 Condensing units, stationary, not elsewhere classified
- 52 7330 Condensing units, mobile-type (air-cooled)
- 52 7331 Gasoline-powered, truck type
  - 52 73311 Engine-generator drive
  - 52 73312 Direct drive
  - 52 73319 Gasoline-powered, truck type, not elsewhere classified
- 52 7332 Electric-powered, truck type
  - 52 73321 With motor
  - 52 73322 Without motor
- 52 7333 Railroad-type
- 52 7339 Condensing units, mobile-type (air-cooled), not elsewhere classified
- 52 7340 Heat exchanger equipment
- 52 7341 Shell and tube units
- 52 7342 Shell and coil units
- 52 7343 Evaporative condensers

# AIR CONDITIONING AND REFRIGERATION EQUIPMENT— Continued

## ICE-MAKING AND COLD STORAGE PLANT SYSTEMS, AND REFRIGERATION COMPONENTS AND ACCESSORIES—Continued

### *Air-Conditioning and Refrigeration Components and Accessories— Continued*

#### Heat exchanger equipment—Continued

52 7344	Aerators
52 7345	Finned evaporators and finned condensers
52 7346	Unit coolers
	52 734610 Suspended type
	52 734611 Ceiling mounted
	52 734612 Panel type
	52 734613 Horizontal discharge
	52 734619 Suspended type, not elsewhere classified
	52 734620 Floor mounted type
	52 734690 Unit coolers, not elsewhere classified
52 7347	Plate type coils
52 7348	Suction-line heat-exchangers
52 7349	Heat exchanger equipment, not elsewhere classified
52 7350	Accessories
52 7351	Oil separators
52 7352	Refrigerant strainers
	52 735210 Liquid-line
	52 735220 Suction-line
	52 735290 Refrigerant strainers, not elsewhere classified
52 7353	Switches
	52 735310 High-pressure
	52 735320 Low-pressure
	52 735340 Combination high and low pressure
	52 735350 Thermostatic
	52 735351 Air-conditioning
	52 735352 Household
	52 735353 Commercial
	52 735359 Thermostatic switches, not elsewhere classified
	52 735390 Switches, not elsewhere classified
52 7354	Liquid indicators
52 7355	Dehydrators
	52 735510 Liquid-line
	52 735520 Suction-line
	52 735590 Dehydrators, not elsewhere classified
52 7359	Accessories, not elsewhere classified
52 7360	Miscellaneous components
52 7361	Refrigerant receivers
52 7362	Surge drums and tanks
52 7363	Refrigerant accumulators
	52 736310 High-pressure
	52 736320 Low-pressure
	52 736390 Refrigerant accumulators, not elsewhere classified
52 7369	Components, not elsewhere classified
52 7370	Cold-storage doors
52 8000	ICE REFRIGERATION UNITS (SELF-CONTAINED)
52 8100	<i>Household Ice Refrigerators</i>
52 8200	<i>Insulated Enclosures</i>
52 8210	Walk-in refrigerators
52 8220	Reach-in refrigerators
52 8230	Beverage-cooling cabinets
52 8290	Insulated enclosures, ice, not elsewhere classified
52 8300	<i>Display Cases, Ice</i>
52 8310	Single-duty
52 8320	Double-duty
52 8330	Full-vision
52 8340	Vegetable
52 8350	Florist
52 8390	Display cases, ice, not elsewhere classified

# AIR CONDITIONING AND REFRIGERATION EQUIPMENT--

Continued

## ICE REFRIGERATION UNITS—Continued

- 52 8400 *Beer Dispensing Equipment, Ice*
- 52 8410 Tap stands
- 52 8411 With storage cooler
- 52 8412 Without storage cooler
- 52 8420 Direct-draw
- 52 8430 Novelty boxes
- 52 8490 Beer dispensing equipment, ice, not elsewhere classified

## 52 8500 *Drinking-Water Coolers, Ice*

## 52 8900 *Ice Refrigeration Units, Not Elsewhere Classified*

## 52 9000 MISCELLANEOUS MECHANICALLY REFRIGERATED CABINETS AND RELATED EQUIPMENT

### 52 9100 *Professional and Scientific Refrigeration Units, Electric*

#### 52 9110 Blood plasma cabinets

##### 52 9111 Self-contained

##### 52 9112 Remote

#### 52 9119 Blood plasma cabinets, not elsewhere classified

#### 52 9120 Instrument-testing cabinets

##### 52 9121 Self-contained

##### 52 9122 Remote

#### 52 9129 Instrument-testing cabinets, not elsewhere classified

#### 52 9190 Professional and scientific refrigeration units, electric, not elsewhere classified

### 52 9200 *Industrial Refrigeration Units, Electric*

#### 52 9210 Rivet coolers

##### 52 9211 Self-contained

##### 52 9212 Remote

#### 52 9219 Rivet coolers, not elsewhere classified

#### 52 9220 Cutting-tool coolers

##### 52 9221 Self-contained

###### 52 92211 Oil

###### 52 92212 Coolant

###### 52 92219 Self-contained, not elsewhere classified

##### 52 9222 Remote

###### 52 92221 Oil

###### 52 92222 Coolant

###### 52 92229 Remote, not elsewhere classified

#### 52 9229 Cutting-tool coolers, not elsewhere classified

#### 52 9230 Water coolers, industrial

##### 52 9231 Self-contained

##### 52 9232 Remote

#### 52 9239 Water coolers, not elsewhere classified

#### 52 9290 Industrial refrigeration units, electric, not elsewhere classified

### 52 9300 *Drinking-Water Coolers*

#### 52 9310 Self-contained

#### 52 9320 Remote

#### 52 9390 Drinking-water coolers, not elsewhere classified

### 52 9400 *Engine-Driven Refrigerated Units*

### 52 9900 *Mechanically Refrigerated Cabinets and Related Equipment, Not Elsewhere Classified*





## MAJOR GROUP 53—LIGHTING FIXTURES

### 53 0000 *LIGHTING FIXTURES*

#### 53 1000 FLOODLIGHTS, SEARCHLIGHTS, AND SPOTLIGHTS

##### 53 1100 *Floodlights*

53 1110 Incandescent

53 1111 Open

53 1112 Enclosed

53 1120 Fluorescent

53 1130 Vapor

53 1140 Arc

53 1150 Storage battery type

53 1190 Floodlights, not elsewhere classified

##### 53 1200 *Searchlights*

53 1210 Incandescent

53 1230 Vapor

53 1240 Arc

53 1241 High intensity (intrinsic brightness over 800 candles per sq. m/m.)

53 1242 Medium intensity (intrinsic brightness over 200, not over 800 candles per sq. m/m.)

53 1243 Low intensity (intrinsic brightness 200 candles per sq. m/m. and under)

53 1290 Searchlights, not elsewhere classified

##### 53 1300 *Spotlights*

53 1310 Incandescent

53 1340 Arc

53 1390 Spotlights, not elsewhere classified

#### 53 2000 *MARINE LIGHTING EQUIPMENT*

##### 53 2100 *Fixtures, Plain*

53 2110 Incandescent

53 2120 Fluorescent

##### 53 2200 *Fixtures, Ornamental and Special*

53 2210 Incandescent

53 2220 Fluorescent

##### 53 2300 *Lights: Running, Anchor, Signal*

##### 53 2400 *Lights, Obstruction*

53 2410 Fixed

53 2420 Floating

##### 53 2500 *Lighthouse Beacons*

##### 53 2900 *Marine Lighting Equipment, Not Elsewhere Classified*

#### 53 3000 STREET AND HIGHWAY ELECTRIC LIGHTING, TRAFFIC, RAILROAD, AND TRANSIT SIGNAL FIXTURES, EXCEPT SIGNAL CONTROL MECHANISMS

##### 53 3100 *Traffic Signal Fixtures, Except Control Mechanisms*

53 3110 Single bank

53 3111 Post mounting

53 3112 Suspension or arm mounting<sup>1</sup>

53 3120 Two bank

53 3121 Post mounting

53 3122 Suspension or arm mounting<sup>1</sup>

53 3130 Three bank

53 3131 Post mounting

53 3132 Suspension or arm mounting<sup>1</sup>

53 3140 More than three bank

53 3141 Post mounting

53 3142 Suspension or arm mounting<sup>1</sup>

53 3150 Grade crossing signals

53 3151 Wigway type

53 3152 Flasher light type

53 3190 Traffic signal fixtures, except control mechanisms, not elsewhere classified

<sup>1</sup> See Supplementary Code 53-1 on page 409.

# **LIGHTING FIXTURES—Continued**

## **STREET AND HIGHWAY ELECTRIC LIGHTING, TRAFFIC, RAILROAD, AND TRANSIT SIGNAL FIXTURES, EXCEPT SIGNAL CONTROL MECHANISMS— Continued**

53 3200	<i>Railroad and Transit Signal Fixtures</i>
53 3210	Wayside signals
53 3211	Semaphore
	53 32111 Dwarf
	53 32112 High
53 3212	Color light
	53 32121 Dwarf
	53 32122 High
53 3213	Position
	53 32131 Dwarf
	53 32132 High
53 3214	Color position
	53 32141 Dwarf
	53 32142 High
53 3215	Searchlight
	35 32151 Dwarf
	53 32152 High
53 3219	Wayside signals, not elsewhere classified
53 3220	Cab signals
53 3300	<i>Arm or Bracket Fixtures for Post Mounting</i>
53 3310	Street hood brackets
53 3320	Mast arms
53 3330	Arc pole tops
53 3390	Arm or bracket fixtures for post mounting, not elsewhere classified
53 3400	<i>Street Hoods and Luminaries</i>
53 3410	Totally enclosed
53 3411	For series operation
	53 34111 With two way refraction
	53 34112 With four way refraction
53 3412	For multiple operation
	53 34121 With two way refraction
	53 34122 With four way refraction
53 3420	Radial wave reflector
53 3421	Symmetrical
53 3422	Asymmetrical
53 3490	Street hoods and luminaries, not elsewhere classified
53 3500	<i>Upright Type Metal Lighting Standards</i>
53 3510	One light source <sup>2</sup>
53 3520	Two light sources <sup>2</sup>
53 3530	Three light sources <sup>2</sup>
53 3540	Four light sources <sup>2</sup>
53 3550	More than four light sources <sup>2</sup>
53 3590	Upright type metal lighting standards, not elsewhere classified
53 3600	<i>Wall Bracket Type Mount</i>
53 3610	One light source <sup>2</sup>
53 3620	Two light sources <sup>2</sup>
53 3630	Three light sources <sup>2</sup>
53 3690	Wall bracket mounts, not elsewhere classified
53 3700	<i>Parts and Accessories of Street and Highway Lighting and Traffic, Railroad, and Transit Signal Fixtures</i>
53 3710	Electric current carrying parts
53 3711	Film cutouts
	53 37111 Low film, 80 volt breakdown
	53 37112 Intermediate, 150 volt breakdown
	53 37113 Medium, 400 volt breakdown
	53 37114 Group isolation parts
53 3719	Electric current carrying parts, not elsewhere classified
53 3720	Noncurrent carrying parts
53 3900	<i>Street and Highway Electric Lighting, Traffic, Railroad, and Transit Signal Fixtures, Except Signal Control Mechanisms, Not Elsewhere Classified</i>

<sup>2</sup> See Supplementary Code 53-2 on page 409.



# LIGHTING FIXTURES—Continued

53 4000	<b>RESIDENCE ELECTRIC LIGHTING FIXTURES</b>
53 4100	<i>Ceiling or Chandelier Types</i>
53 4110	Enclosing glass
53 5111	Single lamp
53 4112	Multiple lamp
53 4120	Fluorescent types
53 4130	Pendant bowl types
53 4131	Opaque
53 4132	Translucent
53 4139	Pendant bowl types, not elsewhere classified
53 4190	Ceiling or chandelier types, not elsewhere classified
53 4200	<i>Wall or Bracket Types</i>
53 4210	Bathroom type
53 4220	Fluorescent type
53 4230	Pin-up type
53 4231	Incandescent
53 4232	Fluorescent
53 4239	Pin-up types, not elsewhere classified
53 4290	Wall or bracket types, not elsewhere classified
53 4300	<i>Recessed Types</i>
53 4310	Incandescent
53 4320	Fluorescent
53 4390	Recessed types, not elsewhere classified
53 4400	<i>Portable Lamps</i>
53 4410	Table
53 4411	Diffusing bowl
53 4419	Table, not elsewhere classified
53 4420	Floor
53 4421	Diffusing bowl
53 4429	Floor, not elsewhere classified
53 4430	Bridge
53 4431	Diffusing bowl
53 4439	Bridge, not elsewhere classified
53 4440	Boudoir
53 4450	Bed
53 4490	Portable lamps, not elsewhere classified
53 4500	<i>Candle Types (Simulating Candle Light)</i>
53 4510	Ceiling or chandelier (Candelabra)
53 4520	Wall or bracket
53 4521	Single
53 4522	Multiple
53 4530	Portable
53 4531	Single
53 4532	Multiple
53 4590	Candle types, not elsewhere classified
53 4600	<i>Entrance, Porch, or Other Outdoor Fixtures</i>
53 4610	Ornamental types
53 4620	Enclosing glass types
53 4630	Lawn and garden types
53 4640	Illuminated house numbers
53 4690	Entrance, porch, or other outdoor fixtures, not elsewhere classified
53 4900	<i>Residence Electric Lighting Fixtures, Not Elsewhere Classified</i>
53 5000	<b>COMMERCIAL ELECTRIC LIGHTING FIXTURES</b>
53 5100	<i>Auditorium, Church, and Theatre Lighting Fixtures</i>
53 5110	Incandescent
53 5120	Fluorescent
53 5150	Stage
53 5190	Auditorium, church, and theatre lighting fixtures, not elsewhere classified
53 5200	<i>Bank, Store, Office, School, and Other Public Building Lighting Fixtures</i>
53 5210	Incandescent
53 5220	Fluorescent
53 5290	Bank, store, office, school, and other public building lighting fixtures, not elsewhere classified

# LIGHTING FIXTURES—Continued

## COMMERCIAL ELECTRIC LIGHTING FIXTURES—Continued

53 5300	<i>Window, Showcase, and Similar Indoor Display Lighting Equipment</i>
53 5310	Incandescent
53 5320	Fluorescent
53 5330	Neon type
53 5390	Window, showcase, and similar indoor display lighting equipment, not elsewhere classified
53 5400	<i>Photographic, Photoengraving, and Blueprinting Lighting Equipment</i>
53 5410	Incandescent
53 5420	Fluorescent
53 5430	Vapor
53 5431	Sodium
53 5432	Mercury
53 5439	Vapor, not elsewhere classified
53 5440	Arc
53 5500	<i>Hospital, Clinical, and Laboratory Lighting Fixtures</i>
53 5510	Incandescent
53 5520	Fluorescent
53 5590	Hospital, clinical, and laboratory lighting fixtures, not elsewhere classified
53 5600	<i>Outdoor Advertising Display Fixtures (Include Signs)</i>
53 5610	Incandescent
53 5620	Fluorescent
53 5630	Vapor
53 5631	Sodium
53 5632	Mercury
53 5639	Vapor, not elsewhere classified
53 5640	Neon type
53 5690	Outdoor advertising display fixtures, not elsewhere classified
53 5900	<i>Miscellaneous Commercial Electric Lighting Fixtures</i>
53 5910	Incandescent
53 5920	Fluorescent
53 5930	Vapor
53 5931	Sodium
53 5932	Mercury
53 5939	Vapor, not elsewhere classified
53 5990	Commercial electric lighting fixtures, not elsewhere classified
53 6000	INDUSTRIAL ELECTRIC LIGHTING FIXTURES
53 6100	<i>Factory Electric Lighting Fixtures</i>
53 6110	Incandescent
53 6120	Fluorescent
53 6130	Vapor
53 6131	Sodium
53 6132	Mercury
53 6139	Vapor, not elsewhere classified
53 6190	Factory electric lighting fixtures, not elsewhere classified
53 6200	<i>Explosion-Proof Electric Lighting Units</i>
53 6210	Incandescent
53 6220	Fluorescent
53 6230	Vapor
53 6231	Sodium
53 6232	Mercury
53 6239	Vapor, not elsewhere classified
53 6290	Explosion-proof electric lighting units, not elsewhere classified
53 6300	<i>Dust-Tight Electric Lighting Units</i>
53 6310	Incandescent
53 6320	Fluorescent
53 6330	Vapor
53 6331	Sodium
53 6332	Mercury
53 6339	Vapor, not elsewhere classified
53 6390	Dust-tight electric lighting units, not elsewhere classified
53 6400	<i>Vapor-Proof Electric Lighting Units</i>
53 6410	Incandescent
53 6420	Fluorescent

*LIGHTING FIXTURES—Continued*

*INDUSTRIAL ELECTRIC LIGHTING FIXTURES—Continued*

*Vapor-Proof Electric Lighting Units—Continued*

- 53 6430 Vapor
- 53 6431 Sodium
- 53 6432 Mercury
- 53 6439 Vapor, not elsewhere classified
- 53 6490 Vapor-proof electric lighting units, not elsewhere classified
- 53 6500 *Portable Lamps*
- 53 6510 Machine
- 53 6511 Incandescent
- 53 6512 Fluorescent
- 53 6520 Hand
- 53 6521 Incandescent
- 53 6522 Fluorescent
- 53 6590 Portable lamps, not elsewhere classified
- 53 6900 *Industrial Electric Lighting Fixtures, Not Elsewhere Classified*
- 53 7000 *AIRPORT, AIRWAY, AND SEADROME LIGHTING EQUIPMENT*
- 53 7100 *Beacons*
- 53 7200 *Approach, Boundary, Obstruction, Contact, Threshold Lights*
- 53 7300 *Landing and Wind Direction Indicators, Illuminated*
- 53 7400 *Traffic Control Lights*
- 53 7500 *Floodlights, Except General Purpose Floodlights*
- 53 7600 *Portable Field Lighting Sets*
- 53 7900 *Airport, Airway, and Seadrome Lighting Equipment, Not Elsewhere Classified*

*VEHICULAR LIGHTING FIXTURES*

- 53 8100 *Train Lighting Fixtures*
- 53 8110 Locomotive lighting fixtures
- 53 8111 Cab
- 53 8112 Headlight
  - 53 81121 Incandescent filament
  - 53 81129 Headlight fixtures, not elsewhere classified
- 53 8120 Passenger car lighting fixtures
- 53 8121 Incandescent ceiling fixtures
  - 53 81211 Trough type
  - 53 81212 Cove type
  - 53 81219 Incandescent ceiling fixtures, not elsewhere classified
- 53 8122 Fluorescent fixtures
  - 53 81221 Trough type
  - 53 81222 Cove type
  - 53 81229 Fluorescent fixtures, not elsewhere classified
- 53 8123 Pullman berth fixtures
- 53 8129 Passenger car lighting fixtures, not elsewhere classified
- 53 8190 Train lighting fixtures, not elsewhere classified
- 53 8200 *Trolley Car Lighting Fixtures*
- 53 8210 Interior lighting fixtures
- 53 8211 Incandescent fixtures
  - 53 82111 Trough type
  - 53 82119 Incandescent lighting fixtures, not elsewhere classified
- 53 8212 Fluorescent fixtures
  - 53 82121 Trough type
  - 53 82129 Fluorescent fixtures, not elsewhere classified
- 53 8219 Interior lighting fixtures, not elsewhere classified
- 53 8220 Headlight fixtures
- 53 8221 Incandescent
- 53 8222 Carbon arc
- 53 8229 Headlight fixtures, not elsewhere classified
- 53 8290 Trolley car lighting fixtures, not elsewhere classified
- 53 8300 *Automobile Lighting Fixtures*
- 53 8310 Interior lighting fixtures
- 53 8311 Instrument board
- 53 8312 Tonneau fixtures
- 52 8319 Interior lighting fixtures, not elsewhere classified
- 53 8320 Headlight fixtures
- 53 8330 Parking, fender, and tail lighting fixtures



# *LIGHTING FIXTURES—Continued*

## *VEHICULAR LIGHTING FIXTURES—Continued*

### *Automobile Lighting Fixtures—Continued*

- 53 8340 Taxi identification lighting fixtures
- 53 8350 Signal lighting fixtures
- 53 8390 Automobile lighting fixtures, not elsewhere classified
- 53 8400 *Truck and Coach Lighting Fixtures*
- 53 8410 Interior lighting fixtures
- 53 8411 Instrument board
- 53 8412 Trough type for coach lighting
- 53 8413 Individual-source type for coach lighting
- 53 8419 Interior lighting fixtures, not elsewhere classified
- 53 8420 Headlight fixtures
- 53 8430 Exterior body light fixtures, except headlight
- 53 8440 Signal lighting fixtures
- 53 8490 Truck and coach lighting fixtures, not elsewhere classified
- 53 8500 *Motorcycle Lighting Fixtures*

- 53 8510 Headlight
- 53 8520 Tail light
- 53 8590 Motorcycle lighting fixtures, not elsewhere classified
- 53 8600 *Airplane and Dirigible Lighting Fixtures*
- 53 8610 Cabin lighting fixtures
- 53 8611 Incandescent
- 53 8612 Fluorescent
- 53 8619 Cabin lighting fixtures, not elsewhere classified
- 53 8620 Instrument board lighting fixtures
- 53 8621 Incandescent
- 53 8622 Fluorescent
- 53 8629 Instrument board lighting fixtures, not elsewhere classified
- 53 8630 Position lighting fixtures
- 53 8640 Landing light fixtures
- 53 8641 Incandescent
- 53 8642 Fluorescent
- 53 8649 Landing light fixtures, not elsewhere classified
- 53 8690 Airplane and dirigible lighting fixtures, not elsewhere classified

- 53 8700 *Bicycle Lighting Fixtures*
- 53 8900 *Vehicle Lighting Fixtures, Not Elsewhere Classified*

## **MISCELLANEOUS LIGHTING FIXTURES**

- 53 9000 *Electric Lighting Fixtures*
- 53 9100 Desk and reading lamps, except residence type table lamps
- 53 9110 Incandescent
- 53 9112 Fluorescent
- 53 9119 Desk and reading lamps, not elsewhere classified
- 53 9190 Electric lighting fixtures, not elsewhere classified
- 53 9200 *Battery Lighting Units*
- 53 9210 Flashlight cases, complete, except batteries
- 53 9211 Pen light
- 53 9212 Tubular
  - 53 92121 One-cell
  - 53 92122 Two-cell
  - 53 92123 Three-cell
  - 53 92124 Five-cell
  - 53 92129 Tubular, not elsewhere classified
- 53 9213 Generator types
- 53 9219 Flashlight cases, not elsewhere classified
- 53 9290 Battery lighting units, not elsewhere classified
- 53 9300 *Carbide Lamp Units*
- 53 9310 Miners' carbide lamps
- 53 9390 Carbide lamps, not elsewhere classified
- 53 9400 *Gas Lighting Fixtures*
- 53 9410 Ceiling types
- 53 9420 Wall or bracket types
- 53 9430 Street and highway types
- 53 9480 Miscellaneous parts of gas lighting fixtures
- 53 9481 Incandescent mantels
- 53 9489 Parts of gas lighting fixtures, not elsewhere classified

**LIGHTING FIXTURES—Continued**

**MISCELLANEOUS LIGHTING FIXTURES—Continued**

53 9500	<i>Kerosene and Gasoline Lamps and Lanterns</i>
53 9510	<i>Kerosene lamps and lanterns</i>
53 9511	<i>Indoor</i>
53 9512	<i>Outdoor</i>
53 9520	<i>Gasoline lamps and lanterns</i>
53 9521	<i>Indoor</i>
53 9522	<i>Outdoor</i>
53 9600	<i>Acetylene Lamps, Lanterns, and Floodlights</i>
53 9700	<i>Reflectors and Fittings</i>
53 9800	<i>Lamp Shades</i>
53 9900	<i>Lighting Fixtures, Not Elsewhere Classified</i>

**SUPPLEMENTARY CODES FOR LIGHTING FIXTURES**

**Supplementary Code 53-1**

1	One-way control
2	Two-way control
3	Three-way control
4	Four-way control
5	More than four-way control
9	Suspension or arm mounting, not elsewhere classified

**Supplementary Code 53-2**

1	Incandescent
2	Fluorescent
3	Vapor
4	Arc





## MAJOR GROUP 54—FURNITURE AND FIXTURES

- 54 0000 *FURNITURE AND FIXTURES*
- 54 1000 *MATRESSES AND BEDSPRINGS*
- 54 1100 *Mattresses, Completely Fabricated*
- 54 1110 *Innerspring*
- 54 1120 *Cotton and felt*
- 54 1130 *Feather or down*
- 54 1140 *Pads for couches and cots*
- 54 1190 *Mattresses, not elsewhere classified*
- 54 1200 *Bedsprings, Completely Fabricated*
- 54 1210 *Coil*
- 54 1220 *Fabric (slat and link)*
- 54 1230 *Box*
- 54 1240 *Hospital*
- 54 1290 *Bedsprings, not elsewhere classified*
- 54 2000 *HOUSEHOLD FURNITURE*
- 54 2100 *Metal*
- 54 2110 *Living room and library*
- 54 2111 *Chairs and rockers<sup>1</sup>*
- 54 2113 *Tables*
- 54 2114 *Cabinets*
- 54 2115 *Desks*
- 54 2116 *Sofas, davenports, day beds, and studio couches<sup>1</sup>*
- 54 2117 *Suites and sets<sup>1</sup>*
  - 54 21171 *Bridge sets (chairs and tables)<sup>1</sup>*
  - 54 21179 *Suites and sets, not elsewhere classified<sup>1</sup>*
- 54 2118 *Bookcases*
- 54 2119 *Miscellaneous metal living room and library furniture<sup>1</sup>*
  - 54 21191 *Smoker stands*
  - 54 21199 *Metal living room and library furniture, not elsewhere classified<sup>1</sup>*
- 54 2120 *Bedroom*
- 54 2121 *Chairs and rockers<sup>1</sup>*
- 54 2122 *Benches and stools<sup>1</sup>*
- 54 2123 *Tables*
- 54 2124 *Cabinets*
- 54 2125 *Beds, studio couches and day beds<sup>1</sup>*
- 54 2126 *Dressers and chiffoniers*
  - 54 21261 *Dressers, vanity dressers, commodes, and dressing tables*
  - 54 21262 *Chiffoniers, chifforobes, wardrobes, and chiffonettes*
- 54 2127 *Suites*
- 54 2128 *Cribs*
- 54 2129 *Metal bedroom furniture, not elsewhere classified<sup>1</sup>*
- 54 2130 *Dining room*
- 54 2131 *Chairs<sup>1</sup>*
- 54 2133 *Tables*
- 54 2134 *Buffets, china closets, and servers*
- 54 2137 *Suites and sets*
  - 54 21371 *Dinette sets*
  - 54 21379 *Suites and sets, not elsewhere classified*
- 54 2139 *Metal dining room furniture, not elsewhere classified<sup>1</sup>*

<sup>1</sup> See Supplementary Code 54-1 for furniture and fixtures on page 417.

FURNITURE AND FIXTURES—Continued

HOUSEHOLD FURNITURE—Continued

*Metal*—Continued

54 2140	Kitchen
54 2141	Chairs <sup>1</sup>
54 2142	Stools <sup>1</sup>
54 2143	Tables
54 2144	Cabinets, including wall
54 2147	Suites and sets <sup>1</sup>
	54 21471 Breakfast sets <sup>1</sup>
	54 21479 Suites and sets, not elsewhere classified <sup>1</sup>
54 2149	Metal kitchen furniture, not elsewhere classified <sup>1</sup>
54 2150	Bathroom
54 2152	Benches and stools
54 2153	Clothes hampers
54 2154	Cabinets
54 2159	Metal bathroom furniture, not elsewhere classified
54 2160	Porch and garden
54 2161	Chairs and rockers and chaise longues <sup>1</sup>
	54 21611 Chairs and rockers <sup>1</sup>
	54 21612 Chaise longues <sup>1</sup>
54 2162	Benches and stools <sup>1</sup>
54 2163	Tables
54 2164	Buffets, servers, and sideboards
54 2166	Settees, swings, hammocks, gliders and couches <sup>1</sup>
54 2169	Metal porch and garden furniture, not elsewhere classified <sup>1</sup>
54 2190	Miscellaneous metal household furniture
54 2191	Hall
54 2192	Camp <sup>1</sup>
54 2193	Juvenile
54 2195	Built-in
54 2199	Metal household furniture, not elsewhere classified <sup>1</sup>
54 2200	<i>Wood</i>
54 2210	Living room and library
54 2211	Chairs and rockers <sup>1</sup>
54 2212	Benches and stools <sup>1</sup>
54 2213	Tables
54 2214	Cabinets
	54 22141 Radio and phonograph
	54 22142 Record and music
	54 22143 Sewing machine
	54 22149 Cabinets, not elsewhere classified
54 2215	Desks
54 2216	Davenport, sofas, day beds, and studio couches <sup>1</sup>
54 2217	Suites and sets <sup>1</sup>
	54 22171 Bridge sets (chairs and tables) <sup>1</sup>
	54 22179 Suites and sets, not elsewhere classified <sup>1</sup>
54 2218	Bookcases and secretaries
54 2219	Miscellaneous wood living room and library furniture <sup>1</sup>
	54 22191 Smoker stands
	54 22199 Living room and library furniture, not elsewhere classified <sup>1</sup>
54 2220	Bedroom
54 2221	Chairs and rockers, and chaise longues <sup>1</sup>
	54 22211 Chairs and rockers <sup>1</sup>
	54 22212 Chaise longues <sup>1</sup>
54 2222	Benches and stools <sup>1</sup>
54 2223	Tables
54 2224	Cedar chests
54 2225	Beds <sup>1</sup>
54 2226	Dressers and chiffoniers
	54 22261 Dressers, vanity dressers, commodes, and dressing tables
	54 22262 Chiffoniers, chifferobes, wardrobes, and chifforettes

<sup>1</sup> See Supplementary Code 54-1 for furniture and fixtures on page 417.

# FURNITURE AND FIXTURES—Continued

## HOUSEHOLD FURNITURE—Continued

### Wood—Continued

#### Bedroom—Continued

- 54 2227 Suites<sup>1</sup>
- 54 2228 Cribs
- 54 2229 Wood bedroom furniture, not elsewhere classified<sup>1</sup>
- 54 2230 Dining room
- 54 2231 Chairs<sup>1</sup>
- 54 2232 Benches and stools<sup>1</sup>
- 54 2233 Tables
- 54 2234 China closets, buffets and servers
- 54 2237 Suites and sets<sup>1</sup>

54 22371 Dinette sets<sup>1</sup>

54 22379 Suites and sets, not elsewhere classified<sup>1</sup>

Wood dining room furniture, not elsewhere classified<sup>1</sup>

54 2239

54 2240

54 2241

54 2242

54 2243

54 2244

54 2249

54 2250

54 2251

54 2252

54 2253

54 2254

54 2259

54 2260

54 2261

#### Kitchen

Chairs<sup>1</sup>

Benches and stools<sup>1</sup>

Tables

Cabinets, including wall

Wood kitchen furniture, not elsewhere classified<sup>1</sup>

#### Bathroom

Chairs

Benches and stools

Clothes hampers

Cabinets

Wood bathroom furniture, not elsewhere classified

#### Porch and garden

Chairs and rockers and chaise longues<sup>1</sup>

54 22611 Chairs and rockers<sup>1</sup>

54 22612 Chaise longues<sup>1</sup>

Benches and stools<sup>1</sup>

Tables

Buffets, servers, and sideboards

Settees, gliders, swings, hammocks, and couches<sup>1</sup>

Wood porch and garden furniture, not elsewhere classified<sup>1</sup>

54 2262

54 2263

54 2264

54 2266

54 2269

54 2290

54 2291

54 2292

54 2293

54 2294

54 2295

54 2296

54 2299

54 2300

#### Reed, Rattan, Wicker, and Fiber

#### Living room and library

Chairs and rockers<sup>1</sup>

Benches and stools<sup>1</sup>

Tables

Desks

Settees, sofas, davenports, daybeds, studio couches<sup>1</sup>

Suites and sets<sup>1</sup>

54 23171 Bridge sets (chairs and tables)<sup>1</sup>

54 23179 Suites and sets, not elsewhere classified<sup>1</sup>

54 2319

Reed, rattan, wicker, and fiber living room and library furniture, not elsewhere classified<sup>1</sup>

54 2320

#### Bedroom

Chairs and rockers and chaise longues<sup>1</sup>

54 23211 Chairs and rockers<sup>1</sup>

54 23212 Chaise longues<sup>1</sup>

54 2322

#### Benches and stools<sup>1</sup>

Suites

Cribs

54 2327

54 2328

54 2329

Reed, rattan, wicker, and fiber bedroom furniture, not elsewhere classified<sup>1</sup>

<sup>1</sup> See Supplementary Code 54-1 for furniture and fixtures on page 417.



**FURNITURE AND FIXTURES—Continued**  
**HOUSEHOLD FURNITURE—Continued**  
*Reed, Rattan, Wicker, and Fiber—Continued*

54 2330	Dining room
54 2331	Chairs <sup>1</sup>
54 2337	Breakfast sets
54 2339	Reed, rattan, wicker, and fiber dining room furniture, not elsewhere classified <sup>1</sup>
54 2340	Kitchen
54 2341	Chairs
54 2342	Stools
54 2343	Tables
54 2344	Cabinets
54 2349	Reed, rattan, wicker, and fiber kitchen furniture, not elsewhere classified
54 2350	Bathroom
54 2353	Clothes hampers
54 2359	Reed, rattan, wicker, and fiber bathroom furniture, not elsewhere classified
54 2360	Porch and garden
54 2361	Chairs and rockers and chaise longues <sup>1</sup>
	54 23611 Chairs and rockers <sup>1</sup>
	54 23612 Chaise longues <sup>1</sup>
54 2362	Benches and stools <sup>1</sup>
54 2366	Settees, couches, sofas, davenports, hammocks, and gliders <sup>1</sup>
54 2369	Reed, rattan, wicker, and fiber porch and garden furniture, not elsewhere classified <sup>1</sup>
54 2390	Miscellaneous reed, rattan, wicker, and fiber furniture
54 2392	Camp
54 2393	Juvenile <sup>1</sup>
54 2395	Built-in
54 2399	Reed, rattan, wicker, and fiber furniture, not elsewhere classified <sup>1</sup>
54 2400	<i>Bentwood</i>
54 2410	Bentwood chairs
54 2490	Bentwood furniture, not elsewhere classified
54 2900	<i>Household Furniture, Not Elsewhere Classified</i>
54 3000	<b>OFFICE FURNITURE</b>
54 3100	<i>Safes and Chests, Metal</i>
54 3110	Fire-resistive safes (insulated)
54 3111	¾ hour <sup>2</sup>
54 4112	1 hour <sup>2</sup>
54 3113	2 hours <sup>2</sup>
54 3114	3 hours <sup>2</sup>
54 3115	4 hours <sup>2</sup>
54 3116	6 hours <sup>2</sup>
54 3119	Fire-resistive metal safes, not elsewhere classified
54 3120	Burglary-resistive safes and chests
54 3121	Class B <sup>3</sup>
54 3122	Class C <sup>3</sup>
54 3123	Class D <sup>3</sup>
54 3124	Class E <sup>3</sup>
54 3125	Class F <sup>3</sup>
54 3129	Burglary-resistive metal safes and chests, not elsewhere classified
54 3200	<i>Metal Office Furniture, Except Safes and Chests</i>
54 3210	Chairs
54 3220	Stools
54 3230	Tables (include typewriter stands)
54 3240	Filing cabinets
54 3241	Noninsulated
	54 324110 Lettersize
	54 324111 1 drawer

<sup>1</sup> See Supplementary Code 54-1 for furniture and fixtures on page 417.

<sup>2</sup> According to Underwriters Laboratory Label, Safe Manufacturers National Association Label, or equal.

<sup>3</sup> According to Mercantile Insurance Classification.

# FURNITURE AND FIXTURES—Continued

## OFFICE FURNITURE—Continued

### Metal Office Furniture, Except Safes and Chests—Continued

#### Filing cabinets—Continued

##### Noninsulated—Continued

###### Lettersize—Continued

54 324112 2 drawer

54 324113 3 drawer

54 324114 4 drawer

54 324119 Over 4 drawer

54 324120 Legal size

54 324121 1 drawer

54 324122 2 drawer

54 324123 3 drawer

54 324124 4 drawer

54 324129 Over 4 drawer

54 324130 Tabulating card files

54 324140 Film storage cabinets

54 324150 Visible record equipment

54 324190 Noninsulated metal filing cabinets, not elsewhere classified

54 3242

#### Insulated

54 324210 Lettersize

54 324212 2 drawer

54 324213 3 drawer

54 324214 4 drawer

54 324219 Over 4 drawer

54 324220 Legal size

54 324222 2 drawer

54 324223 3 drawer

54 324224 4 drawer

54 324229 Over 4 drawer

54 324290 Insulated metal filing cabinets, not elsewhere classified

54 3250

#### Desks

54 3251

#### Typewriter

54 3252

#### Desks, except typewriter

54 3280

#### Bookcases

54 3281

#### Sectional

54 32811 Tops

54 32812 Bases

54 32813 Cases

54 3282

#### Nonsectional

54 3290

#### Metal office furniture, except safes and chests, not elsewhere classified

54 3400

#### Wood Office Furniture

54 3410

#### Chairs

54 3420

#### Benches and stools

54 3430

#### Tables (include typewriter stands)

54 3440

#### Filing cabinets and cases

54 3441

#### Lettersize

54 34411 1 drawer

54 34412 2 drawer

54 34413 3 drawer

54 34414 4 drawer

54 34419 Over 4 drawer

54 3442

#### Legal size

54 34421 1 drawer

54 34422 2 drawer

54 34423 3 drawer

54 34424 4 drawer

54 34429 Over 4 drawer

54 3449

#### Wood filing cabinets, not elsewhere classified

54 3450

#### Desks

54 3451

#### Typewriter desks

54 3452

#### Desks, except typewriter

FURNITURE AND FIXTURES—Continued

OFFICE FURNITURE—Continued

Wood Office Furniture—Continued

54 3480

Bookcases

54 3481

Sectional

54 34811 Tops

54 34812 Bases

54 34813 Cases

Nonsectional

54 3490

Wood office furniture, not elsewhere classified

54 3500

*Office Furniture, Except Metal and Wood*

54 4000

PUBLIC SEATING AND RELATED FURNITURE

54 4100

*Church Furniture*

54 4110

Pews

54 4120

Pulpits

54 4190

Church furniture, not elsewhere classified

54 4200

*School Furniture*

54 4210

Chairs

54 4220

Benches and stools

54 4230

Tables

54 4250

Desks

54 4290

School furniture, not elsewhere classified

54 4300

*Auditorium Furniture*

54 4400

*Outdoor Furniture (Include Grandstand and Stadium Furniture)*

54 4500

*Post Office Furniture*

54 4900

*Public Seating and Related Furniture, Not Elsewhere Classified*

54 5000

LABORATORY, HOSPITAL, PROFESSIONAL, BEAUTY AND BARBER SHOP FURNITURE

54 5100

*Laboratory Furniture*

54 5110

Metal

54 5113

Work tables

54 5114

Cabinets

54 5119

Metal laboratory furniture, not elsewhere classified

54 5120

Wood

54 5123

Work tables

54 5124

Cabinets

54 5129

Wood laboratory furniture, not elsewhere classified

54 5130

Laboratory furniture, except metal and wood

54 5200

*Hospital Furniture*

54 5210

Metal

54 5213

Tables, except operating

54 5215

Beds

54 5219

Metal hospital furniture, not elsewhere classified

54 5220

Wood

54 5223

Tables

54 5225

Beds

54 5229

Wood hospital furniture, not elsewhere classified

54 5230

Hospital furniture, except metal and wood

54 5300

*Professional Furniture*

54 5400

*Beauty and Barber Shop Furniture*

54 5410

Metal

54 5413

Tables

54 5414

Cabinets

54 5416

Dresserettes and desks

54 5419

Metal beauty and barber shop furniture, not elsewhere classified

54 5420

Wood

54 5423

Tables

54 5424

Cabinets

54 5426

Dresserettes and desks

54 5429

Wood beauty and barber shop furniture, not elsewhere classified

54 5430

Beauty and barber shop furniture, except metal and wood

54 6000

RANK, STORE, AND OFFICE FIXTURES AND VAULTS

54 6100

*Bank Fixtures*

54 6110

Bank vault doors, burglary-resistive

54 6111

Main bank vault doors, burglary-resistive

54 6112

Emergency bank vault doors, burglary-resistive

54 6119

Burglary-resistive bank vault doors, not elsewhere classified

54 6120

Safe deposit boxes



# FURNITURE AND FIXTURES—Continued

## BANK, STORE, AND OFFICE FIXTURES AND VAULTS—Continued

### *Bank Fixtures—Continued*

- 54 6130 Bank security lockers
- 54 6140 Night depositories
- 54 6150 Vault linings
- 54 6190 Bank fixtures, not elsewhere classified

### *Store Fixtures*

- 54 6200 Metal
- 54 6211 Show cases, except refrigerated
- 54 6212 Metal store fixtures, except show cases
- 54 6220 Wood
- 54 6221 Show cases, except refrigerated
- 54 6222 Wood store fixtures, except show cases
- 54 6230 Store fixtures, except metal and wood

### *Office Fixtures*

- 54 6400 *Vault Doors, Except Burglary-Resistive*
- 54 6410 Insulated fire resistant vault doors
- 54 6420 Non-insulated fire resistant vault doors

## PARTITIONS, SHELVING, AND LOCKERS, PREFABRICATED

### *Metal*

- 54 7100 Partitions
- 54 7110 Shelving
- 54 7120 Lockers

### *Wood*

- 54 7200 Partitions
- 54 7210 Shelving
- 54 7220 Lockers
- 54 7230 *Partitions, Shelving, and Lockers, Except Metal and Wood*
- 54 7300 Partitions
- 54 7310 Shelving
- 54 7320 Lockers

## INDUSTRIAL AND FACTORY FURNITURE (INCLUDE BINS, TABLES, STOOLS, TOTE BOXES)

### *Metal*

- 54 8100 Wood
- 54 8200 *Industrial and Factory Furniture, Except Metal and Wood*

## MISCELLANEOUS FURNITURE AND FIXTURES

- 54 9000 *Window and Door Screens*
- 54 9100 *Window Shades*
- 54 9200 *Venetian Blinds*
- 54 9300 Metal
- 54 9310 Wood
- 54 9320 Venetian blinds, except metal and wood
- 54 9330 *Seats for Public Conveyances*
- 54 9400 *Furniture and Fixtures, Not Elsewhere Classified*
- 54 9900

## SUPPLEMENTARY CODE 54-1 FOR FURNITURE AND FIXTURES

- 1 Upholstered
- 2 Not upholstered

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## MAJOR GROUP 55—PHOTOGRAPHIC GOODS AND PROCESSED MOTION PICTURES

55 0000	<b>PHOTOGRAPHIC GOODS AND PROCESSED MOTION PICTURES</b>
55 1000	<b>CAMERAS; PARTS AND ACCESSORIES, EXCEPT LENSES</b>
55 1100	<i>Motion Picture Cameras</i>
55 1110	35 mm. silent
55 1120	35 mm. sound
55 1130	16 mm.
55 1140	8 mm.
55 1190	Motion picture cameras, not elsewhere classified
55 1200	<i>Aerial Cameras</i>
55 1300	<i>Gun Cameras</i>
55 1400	<i>Still Cameras, Except Aerial</i>
55 1410	Roll film type
55 1411	Box
55 1412	Folding hand type
55 1413	Reflex hand type, except 35 mm.
55 1414	Reflex, 35 mm.
55 1415	Microfilm
	55 14151 35 mm.
	55 14152 16 mm.
	55 14159 Microfilm cameras, not elsewhere classified
55 1416	Coin operated
55 1419	Roll film type cameras, not elsewhere classified
55 1420	Cameras, except roll film type
55 1421	Studio
55 1422	View
55 1423	Photocopy
55 1424	Photo-engraving and process
55 1425	Press type
	55 14251 Reflex type
	55 14252 Press type cameras, except reflex
55 1429	Cameras, except roll film type, not elsewhere classified
55 1500	<i>Camera Parts, Except Lenses</i>
55 1600	<i>Camera Accessories, Except Lenses</i>
55 1610	Exposure meters
55 1620	Range finders
55 1630	Synchronizers
55 1640	Film and plate holders and adapters
55 1650	Tripods and stands
55 1660	Filters and filter holders
55 1670	Shutters
55 1680	Lens adapters and shades
55 1690	Camera accessories, except lenses, not elsewhere classified
55 2000	<b>PROJECTION APPARATUS, ENLARGERS, AND ACCESSORIES</b>
55 2100	<i>Motion Picture Projectors</i>
55 2110	35 mm.
55 2120	16 mm. sound
55 2130	16 mm. silent
55 2140	8 mm.
55 2190	Motion picture projectors, not elsewhere classified
55 2200	<i>Still Projectors, Except Microfilm Viewers</i>
55 2210	Transmission type
55 2211	35 mm. silent
55 2212	35 mm. sound
55 2213	Lantern slide type
55 2220	Reflection type (Opaque)



PHOTOGRAPHIC GOODS AND PROCESSED MOTION PICTURES—  
Continued

PROJECTION APPARATUS, ENLARGERS AND ACCESSORIES—Continued

- 55 2300 *Enlargers and Viewers, Microfilm*
- 55 2310 Microfilm enlargers
- 55 2320 Microfilm viewers
- 55 2400 *Enlargers, Except Microfilm*
- 55 2410 35 mm.
- 55 2420 2¼" x 3¼"
- 55 2430 4" x 5"
- 55 2440 5" x 7"
- 55 2450 8" x 10"
- 55 2490 Enlargers, except microfilm, not elsewhere classified
- 55 2500 *Screens*
- 55 2510 Portable
- 55 2520 Screens, except portable
- 55 2600 *Reels*
- 55 2700 *Cans*
- 55 2800 *Editing Equipment*
- 55 2810 Rewinds
- 55 2820 Viewers
- 55 2830 Combination rewinds and viewers
- 55 2840 Titlers
- 55 2850 Splicers
- 55 2860 Moviolas
- 55 2890 Editing equipment, not elsewhere classified
- 55 2900 *Projection Apparatus, Enlargers and Accessories, Not Elsewhere Classified*
- 55 3000 CAMERA AND PROJECTION LENSES, INCLUDING MOUNTS
- 55 3100 *Camera Lenses*
- 55 3110 Still camera lenses, except aerial
- 55 3120 Motion picture
- 55 3130 Aerial
- 55 3190 Camera lenses, not elsewhere classified
- 55 3200 *Projection Lenses*
- 55 3210 Still
- 55 3220 Motion picture
- 55 3230 Lenses for enlargers
- 55 4000 MOTION PICTURE STUDIO AND THEATRE EQUIPMENT, EXCEPT PROJECTION APPARATUS
- 55 4100 *Sound Recording Equipment*
- 55 4200 *Sound Reproducing Equipment*
- 55 4900 *Motion Picture Studio and Theatre Equipment, Except Projection Apparatus, Not Elsewhere Classified (Include Dollies, Booms and Perambulators)*
- 55 5000 DEVELOPING, PRINTING AND DARKROOM APPARATUS AND ACCESSORIES
- 55 5100 *Tanks, Racks, Clips, Hangers and Trays*
- 55 5200 *Continuous Developing and Processing Machines, Except Blueprint and Whiteprint*
- 55 5210 Photo-finishing
- 55 5220 Motion picture
- 55 5300 *Reproduction Machines for Sensitized Paper and Cloth*
- 55 5310 Photocopy
- 55 5320 Blueprint
- 55 5330 Whiteprint
- 55 5340 Microfilm, including V-mail type
- 55 5390 Reproduction machines for sensitized paper and cloth, not elsewhere classified
- 55 5400 *Printers*
- 55 5410 Contact printers, except motion picture
- 55 5411 Portable
- 55 5412 Contact printers, except motion picture and portable
- 55 5420 Motion picture
- 55 5500 *Washing and Drying Apparatus*
- 55 5510 Washers
- 55 5520 Drying equipment
- 55 5521 Drum type dryers
- 55 5522 Ferro-type tins

PHOTOGRAPHIC GOODS AND PROCESSED MOTION PICTURES—

Continued

DEVELOPING, PRINTING AND DARKROOM APPARATUS AND ACCESSORIES—

Continued

*Washing and Drying Apparatus—Continued*

Drying equipment—Continued

55 5523

Wringers

55 5524

Print rollers

55 5529

Drying equipment, not elsewhere classified

55 5600

*Darkroom Equipment and Accessories*

55 5610

Densitometers

55 5620

Sensitometers

55 5630

Timers

55 5640

Trimmers

55 5650

Print frames

55 5660

Easels

55 5690

Darkroom equipment and accessories, not elsewhere classified

55 5900

*Developing, Printing, and Darkroom Apparatus and Accessories, Not Elsewhere Classified*

SENSITIZED UNEXPOSED PHOTOGRAPHIC FILM

55 6100

*Black and White Film*

55 6110

Motion picture film

55 6111

35 mm.

55 61111 Negative

55 61112 Positive

55 61119 35 mm. motion picture film, black and white, not elsewhere classified

55 6112

16 mm.

55 61121 Reversal

55 61122 Negative

55 61123 Positive

55 61129 16 mm. motion picture film, black and white, not elsewhere classified

55 6113

8 mm.

55 61131 Reversal

55 61132 Negative

55 61133 Positive

55 61139 8 mm. motion picture film, black and white, not elsewhere classified

55 6119

Motion picture film, black and white, not elsewhere classified

55 6120

Aerial film

55 6130

X-ray film

55 6131

Dental

55 6132

Medical

55 6133

Industrial

55 6140

Film packs

55 6150

Roll film, except aerial

55 6160

Cut film, including graphic

55 6190

Black and white film, not elsewhere classified

55 6200

*Color Film*

55 6210

Motion picture film

55 6211

35 mm.

55 6212

16 mm.

55 6213

8 mm.

55 6219

Motion picture color film, not elsewhere classified.

55 6220

Aerial film

55 6230

Roll film, except aerial

55 6240

Cut film

55 6290

Color film, not elsewhere classified

55 7000

SENSITIZED UNEXPOSED PHOTOGRAPHIC, PHOTOCOPY, BLUEPRINT AND WHITEPRINT PAPER

55 7100

*Baryta Coated Paper, Except Waterproof*

55 7200

*Waterproof*

55 7300

*Photocopy*

55 7400

*Blueprint*

55 7500

*Whiteprint*

55 7900

*Sensitized Unexposed Photographic Paper, Not Elsewhere Classified*

**PHOTOGRAPHIC GOODS AND PROCESSED MOTION PICTURES—**  
Continued

55 8000	MOTION PICTURES, EXPOSED AND DEVELOPED (PROCESSED) <sup>1</sup>
55 8100	<i>Motion Pictures, 35 mm.</i>
55 8110	Theatrical
55 8111	Black and white
	55 81111 Features (4,000 feet and over) <sup>1</sup>
	55 81112 Shorts (less than 4,000 feet) <sup>1</sup>
55 8112	Color
	55 81121 Features (4,000 feet and over) <sup>1</sup>
	55 81122 Shorts (less than 4,000 feet) <sup>1</sup>
55 8120	Non-theatrical, except newsreel
55 8121	Black and white
	55 81211 Advertising <sup>1</sup>
	55 81212 Educational and training (include documentary) <sup>1</sup>
	55 81213 Industrial <sup>1</sup>
55 8122	Color
	55 81221 Advertising <sup>1</sup>
	55 81222 Educational and training (include documentary) <sup>1</sup>
	55 81223 Industrial <sup>1</sup>
55 8130	Newsreel <sup>1</sup>
55 8200	<i>Motion Pictures, 16 mm.</i>
55 8210	Theatrical
55 8211	Black and white
	55 82111 Features (1,600 feet and over) <sup>1</sup>
	55 82112 Shorts (less than 1,600 feet) <sup>1</sup>
55 8212	Color
	55 82121 Features (1,600 feet and over) <sup>1</sup>
	55 82122 Shorts (less than 1,600 feet) <sup>1</sup>
55 8220	Non-theatrical, except newsreel
55 8221	Black and white
	55 82211 Advertising <sup>1</sup>
	55 82212 Educational and training (include documentary) <sup>1</sup>
	55 82213 Industrial <sup>1</sup>
55 8230	Newsreel
55 8300	<i>Motion Pictures, 8 mm.<sup>1</sup></i>
55 9000	MISCELLANEOUS PHOTOGRAPHIC GOODS
55 9100	<i>Sensitized Glass Plates and Slides</i>
55 9200	<i>Sensitized Tracing Cloth</i>
55 9300	<i>Photographic Chemicals, Prepared And Packaged</i>
55 9900	<i>Photographic Goods, Not Elsewhere Classified</i>

**SUPPLEMENTARY CODE 55-1 FOR MOTION PICTURES, EXPOSED AND  
DEVELOPED (PROCESSED)**

<b>1</b>	Negatives
<b>2</b>	Positives

<sup>1</sup> See Supplementary Code 55-1.



## MAJOR GROUP 56—OPTICAL INSTRUMENTS AND APPARATUS

- 56 0000 OPTICAL INSTRUMENTS AND APPARATUS
- 56 3000 TELESOPES AND PERISCOPES
- 56 3100 *Telescopes*
- 56 3110 *Erecting*
- 56 3120 *Galilean*
- 56 3130 *Astronomical*
- 56 3200 *Periscopes*
- 56 4000 BINOCULARS
- 56 4100 *Field Glasses*
- 56 4200 *Opera Glasses*
- 56 4300 *Prism Binoculars*
- 56 4900 *Binoculars, Not Elsewhere Classified*
- 56 6000 LABORATORY RESEARCH AND TESTING INSTRUMENTS AND APPARATUS,
- OPTICAL
- 56 6100 *Metallographs and Metallosopes*
- 56 6200 *Polarimeters and Saccharimeters*
- 56 6300 *Photometers*
- 56 6400 *Refractometers*
- 56 6500 *Projection Apparatus, Except Photographic*
- 56 6600 *Spectrometers, Spectroscopes, Spectrophotometers, Spectrographs*
- 56 6700 *Photomicrographic Apparatus*
- 56 6800 *Interferometers and Comparators*
- 56 6900 *Laboratory Research and Testing Instruments and Apparatus,*
- Optical, Not Elsewhere Classified*
- 56 7000 MAGNIFYING INSTRUMENTS
- 56 7100 *Magnifiers (Include Reading Glasses and Lupes)*
- 56 7200 *Compound Microscopes*
- 56 7300 *Stereoscopic Microscopes*
- 56 7400 *Petrographic and Chemical Microscopes*
- 56 7900 *Magnifying Instruments, Not Elsewhere Classified*
- 56 8000 OPTICAL ELEMENTS AND ASSEMBLIES, EXCEPT OPHTHALMIC, PHOTO-
- GRAPHIC, AND PROJECTION
- 56 8100 *Lenses, Except Ophthalmic, Photographic, and Projection*
- 56 8200 *Objectives, Except Photographic, and Optical Reflectors and Mirrors*
- 56 8300 *Polarizers*
- 56 8400 *Prisms*
- 56 8900 *Optical Elements and Assemblies, Except Ophthalmic, Photo-*
- graphic and Projection, Not Elsewhere Classified*
- 56 9000 OPTICAL INSTRUMENTS AND APPARATUS, NOT ELSEWHERE CLASSIFIED



## MAJOR GROUP 57—INDICATING, RECORDING, AND CONTROLLING INSTRUMENTS AND ACCESSORIES, EXCEPT WATCHES AND CLOCKS

- 57 0000 *INDICATING, RECORDING, AND CONTROLLING INSTRUMENTS AND ACCESSORIES, EXCEPT WATCHES AND CLOCKS*
- 57 1000 *TEMPERATURE AND HYGROMETRIC INSTRUMENTS AND ACCESSORIES*
- 57 1100 *Thermometers and Accessories, Except Aircraft*
- 57 1110 Glass stem, industrial
- 57 1120 Glass stem, laboratory
- 57 1130 Glass stem, clinical
- 57 1140 Household and commercial
- 57 1150 Solid expansion
- 57 1160 Pressure tube systems
- 57 1180 Thermometer accessories
- 57 1190 Thermometers, not elsewhere classified
- 57 1200 *Electric Resistance Temperature Instruments and Accessories*
- 57 1300 *Pyrometers, Thermocouples, and Accessories*
- 57 1310 Pyrometers, electric type
- 57 1320 Pyrometers, radiation type
- 57 1321 Millivoltmeter
- 57 1322 Potentiometer
- 57 1329 Pyrometers, radiation type, not elsewhere classified
- 57 1330 Pyrometers, thermocouple type
- 57 1331 Millivoltmeter
- 57 1332 Potentiometer
- 57 1339 Pyrometers, thermocouple type, not elsewhere classified
- 57 1340 Thermocouples
- 57 1341 Base metal
- 57 1342 Rare metal
- 57 1349 Thermocouples, not elsewhere classified
- 57 1350 Extension lead wire
- 57 1390 Pyrometers, thermocouples and accessories, not elsewhere classified
- 57 1400 *Heating and Ventilating Controls and Accessories*
- 57 1410 Thermostats
- 57 1420 Limit controls
- 57 1430 Primary controls
- 57 1490 Heating and ventilating controls and accessories, not elsewhere classified
- 57 1500 *Hygrometric Instruments*
- 57 1510 Hygrometers
- 57 1520 Hygroscopes
- 57 1530 Psychrometers
- 57 1590 Hygrometric instruments, not elsewhere classified
- 57 1900 *Temperature And Hygrometric Instruments and Accessories, Not Elsewhere Classified*
- 57 2000 *ELECTRICAL QUANTITY INSTRUMENTS AND ACCESSORIES*
- 57 2100 *Voltmeters and Millivoltmeters*
- 57 2110 Voltmeters
- 57 2111 Panel type
  - 57 21111 Polarized vane
  - 57 21112 Fixed magnet, moving coil
  - 57 21113 A. C. type
  - 57 21119 Panel type, not elsewhere classified
- 57 2112 Switchboard type
- 57 2113 Portable type



INDICATING, RECORDING, AND CONTROLLING INSTRUMENTS  
AND ACCESSORIES, EXCEPT WATCHES AND CLOCKS—Con.

ELECTRICAL QUANTITY INSTRUMENTS AND ACCESSORIES—Continued

*Voltmeters and Millivoltmeters—Continued*

*Voltmeters—Continued*

- 57 2114 Laboratory type
- 57 2119 Voltmeters, not elsewhere classified

*Millivoltmeters*

- 57 2200 *Ammeters and Milliammeters*

*Ammeters*

- 57 2211 Panel type
  - 57 22111 Polarized vane
  - 57 22112 Fixed magnet, moving coil
  - 57 22113 A. C. type
  - 57 22119 Panel type, not elsewhere classified

*Switchboard type*

- 57 2212 Portable type
- 57 2214 Laboratory type
- 57 2219 Ammeters, not elsewhere classified

*Milliammeters*

- 57 2220 *Wattmeters and Power Instruments*

*Wattmeters*

- 57 2311 Panel type
- 57 2312 Switchboard type
  - 57 23121 Electrodynamometers
  - 57 23122 Switchboard type, except electrodynamometers

*Portable type*

- 57 2313 Laboratory type
- 57 2314 Wattmeters, not elsewhere classified

*Varmeters*

- 57 2320 Phase angle meters
- 57 2330 Power factor meters
- 57 2340 Reactive factor meters

*Wattmeters and power instruments, not elsewhere classified*

- 57 2400 *Frequency Meters (Low Frequency) and Synchrosopes*

*Ohmmeters*

*Watt-hour Meters and Watt-hour Demand Meters*

*Electric Laboratory Instruments*

- 57 2710 Resistance, inductance, and capacitance standards, and shunts

*Resistance standards*

- 57 2711 Resistance standards

*Inductance standards*

- 57 2712 Inductance standards

*Capacitance standards*

- 57 2713 Capacitance standards

*Shunts*

- 57 2714 Shunts

*Potentiometers*

- 57 2720 Potentiometers

*Galvanometers*

- 57 2730 Galvanometers

*Bridges*

- 57 2740 Bridges

*Wheatstone*

- 57 2741 Wheatstone

*Kelvin*

- 57 2742 Kelvin

*Vacuum-tube*

- 57 2743 Vacuum-tube

*Megohm bridges and megohm meters*

- 57 2744 Megohm bridges and megohm meters

*Bridges, not elsewhere classified*

- 57 2749 Bridges, not elsewhere classified

*Oscillographs and oscilloscopes, except cathode ray*

- 57 2750 Oscillographs and oscilloscopes, except cathode ray

*Electric laboratory instruments, not elsewhere classified*

- 57 2790 Electric laboratory instruments, not elsewhere classified

*Radio and Radar Test Equipment*

*Generators of audio and radio frequency signals, except rotary*

*type*

- 57 2811 Radio frequency signal generators
- 57 2812 Radio frequency oscillators
- 57 2813 Audio frequency signal generators
- 57 2814 Audio frequency oscillators
- 57 2820 Frequency measuring equipment, including standards
- 57 2821 Interpolation oscillators
- 57 2822 Heterodyne detectors
- 57 2823 Audio frequency meters
- 57 2824 Electronic frequency meters
- 57 2825 Electronic deviation meters

**INDICATING, RECORDING, AND CONTROLLING INSTRUMENTS  
AND ACCESSORIES, EXCEPT WATCHES AND CLOCKS—Con.**  
**ELECTRICAL QUANTITY INSTRUMENTS AND ACCESSORIES—Continued**  
**Radio and Radar Test Equipment—Continued**

- 57 2826 Wave meters and wave analyzers
- 57 2829 Frequency measuring equipment, including standards, not elsewhere classified
- 57 2830 Wave form measuring equipment
- 57 2831 Harmonic analyzers
- 57 2832 Cathode ray oscilloscopes
- 57 2839 Wave form measuring equipment, not elsewhere classified
- 57 2840 Electronic power supplies and voltage regulators
- 57 2850 Voltage, amperage and resistance measuring equipment, including precision standards, except bridges
- 57 2851 Vacuum-tube voltmeters
- 57 2852 Electronic tube testers
- 57 2853 Output meters
- 57 2854 Q-meters
- 57 2855 Electronic volt-ohmmeters
- 57 2856 Volt-ohm milliamperage analyzers
- 57 2857 Noise and field strength meters
- 57 2859 Voltage, amperage and resistance measuring equipment, not elsewhere classified
- 57 2860 Electronic speed regulating and measuring equipment (include electronic stroboscopic devices)
- 57 2870 Electronic recording devices, graphical and visual (include oscillograph recorders)
- 57 2890 Radio and radar test equipment, not elsewhere classified
- 57 2900 *Electric Quantity Instruments and Accessories, Not Elsewhere Classified*
- 57 3000 **PRESSURE MEASURING INSTRUMENTS, GAUGES, AND ACCESSORIES**
- 57 3100 *Pressure Measuring Instruments (Pressure Gauges), Bourdon Tube, Bellows, and Diaphragm Types*
- 57 3110 Bourdon tube
- 57 3111 Not over 500 pounds
  - 57 31111 Up to 3½ inches diameter
  - 57 31112 Over 3½ inches diameter
- 57 3112 Over 500 pounds, not over 1,000 pounds
- 57 3113 Over 1,000 pounds, not over 2,500 pounds
- 57 3114 Over 2,500 pounds
- 57 3120 Bellows
- 57 3130 Diaphragm
- 57 3140 Liquid displacement
- 57 3190 Pressure measuring instruments (pressure gauges), Bourdon tube, bellows, and diaphragm types, not elsewhere classified
- 57 3300 *Barometers*
- 57 3310 Mercury
- 57 3320 Aneroid
  - 57 3321 Barographs
  - 57 3322 Indicating
- 57 3329 Aneroid barometers, not elsewhere classified
- 57 3400 *Refrigeration Controls*
- 57 3410 Household
- 57 3420 Commercial
- 57 3490 Refrigeration controls, not elsewhere classified
- 57 3500 *Draft Gauges*
- 57 3510 Liquid displacement
- 57 3520 Bellows
- 57 3530 Diaphragm
- 57 3590 Draft gauges, not elsewhere classified
- 57 3900 *Pressure Measuring Instruments, Gauges, and Accessories, Not Elsewhere Classified*
- 57 4000 **FLOW AND LIQUID LEVEL INSTRUMENTS AND ACCESSORIES**
- 57 4100 *Flow and Liquid Type Level Instruments, Differential Pressure*
- 57 4110 Flow
- 57 4120 Liquid level

INDICATING, RECORDING, AND CONTROLLING INSTRUMENTS  
AND ACCESSORIES, EXCEPT WATCHES AND CLOCKS—Con.

FLOW AND LIQUID LEVEL INSTRUMENTS AND ACCESSORIES—Continued

- 57 4200 *Flow Instruments, Differential Pressure, Dry Type*
- 57 4300 *Flow Ratio Instruments*
- 57 4400 *Gas Meters, Positive Displacement*
- 57 4500 *Water Meters, Positive Displacement*
- 57 4600 *Anemometers*
- 57 4700 *Area Flow Meters*
- 57 4800 *Liquid Level Float Instruments*
- 57 4810 *Ball float types*
- 57 4811 *External float chamber*
- 57 4812 *Internal float chamber*
- 57 4820 *Long range tube type*
- 57 4900 *Flow and Liquid Level Instruments and Accessories, Not Elsewhere Classified*
- 57 5000 MECHANICAL MOTION, ROTATION, TIMING, AND CYCLE INSTRUMENTS AND ACCESSORIES
- 57 5100 *Motion Measuring Instruments*
- 57 5110 *Mechanically operated*
- 57 5120 *Electrically operated*
- 57 5200 *Position Measuring Instruments*
- 57 5210 *Mechanically operated*
- 57 5220 *Electrically operated*
- 57 5300 *Tachometers*
- 57 5400 *Timing Controls*
- 57 5500 *Cycle Controls*
- 57 5600 *Taximeters and Parking Meters*
- 57 5610 *Taximeters*
- 57 5620 *Parking meters*
- 57 5700 *Counters*
- 57 5710 *Revolution*
- 57 5720 *Pedometers*
- 57 5790 *Counters, not elsewhere classified*
- 57 5800 *Dial Indicators*
- 57 5900 *Mechanical Motion, Rotation, Timing, and Cycle Instruments and Accessories, Not Elsewhere Classified.*
- 57 6000 AIRCRAFT ENGINE AND FLIGHT INSTRUMENTS; AIRCRAFT AND NAUTICAL NAVIGATION INSTRUMENTS AND APPARATUS
- 57 6100 *Aircraft Engine Instruments*
- 57 6110 *Tachometer indicators*
- 57 6120 *Thermometers, aircraft*
- 57 6130 *Oil, fuel, and manifold pressure gauges*
- 57 6140 *Liquid level indicators*
- 57 6190 *Aircraft engine instruments, not elsewhere classified*
- 57 6200 *Aircraft Flight Instruments, Except Compasses*
- 57 6210 *Air speed indicators*
- 57 6220 *Altimeters, standard and sensitive*
- 57 6230 *Rate of climb indicators*
- 57 6240 *Flap and wheel position indicators*
- 57 6250 *Artificial horizon indicators (gyroscopic)*
- 57 6260 *Bank and turn indicators (gyroscopic)*
- 57 6290 *Aircraft flight instruments, except compasses, not elsewhere classified*
- 57 6300 *Automatic Pilots, Aircraft*
- 57 6400 *Directional Gyroscopes*
- 57 6500 *Compasses and Accessories*
- 57 6510 *Remote indicating compasses*
- 57 6520 *Magnetic beam, except surveying*
- 57 6530 *Radio beam*
- 57 6540 *Gyroscopic*
- 57 6550 *Binnacles (without compasses)*
- 57 6590 *Compasses and accessories, not elsewhere classified*
- 57 6600 *Azimuths, Sectants, and Octants*
- 57 6610 *Azimuths*
- 57 6620 *Sectants*
- 57 6630 *Octants*



INDICATING, RECORDING, AND CONTROLLING INSTRUMENTS  
AND ACCESSORIES, EXCEPT WATCHES AND CLOCKS—Con.  
AIRCRAFT ENGINE AND FLIGHT INSTRUMENTS; AIRCRAFT AND NAUTICAL  
NAVIGATION INSTRUMENTS AND APPARATUS—Continued

- 57 6700 *Plotting Boards*
- 57 6710 Range correction boards
- 57 6720 Deflection boards
- 57 6730 Spotting boards
- 57 6740 Fire adjustment boards
- 57 6790 Plotting boards, not elsewhere classified
- 57 6800 *Oxygen Regulators*
- 57 6900 *Miscellaneous Aircraft Engine and Flight Instruments; Aircraft and Nautical Navigation Instruments and Apparatus*
- 57 6910 Taffrail logs
- 57 6990 Aircraft engine and flight instruments; aircraft and nautical navigation instruments and apparatus, not elsewhere classified
- 57 7000 CONTROL VALVES AND REGULATORS, EXCEPT VOLTAGE
- 57 7100 *Diaphragm Operated*
- 57 7200 *Motor Operated, For Use With Industrial Type Instruments*
- 57 7300 *Solenoid Operated*
- 57 7400 *Cylinder Operated, For Use With Industrial Type Instruments*
- 57 7500 *Regulators, Self-Contained*
- 57 7510 Pressure regulators (include reducing valves)
- 57 7520 Temperature regulators
- 57 7530 Flow regulators
- 57 7540 Humidity regulators
- 57 7590 Regulators, self-contained, not elsewhere classified
- 57 7600 *Balanced Lever Valves*
- 57 7900 *Control Valves and Regulators, Except Voltage, Not Elsewhere Classified*
- 57 8000 COMBINATION INSTRUMENTS
- 57 8100 *Temperature-Pressure*
- 57 8200 *Temperature-Humidity*
- 57 8300 *Temperature-Time*
- 57 8400 *Temperature-Liquid Level*
- 57 8500 *Flow-Pressure*
- 57 8600 *Flow-Temperature*
- 57 8700 *Flow-Temperature-Pressure*
- 57 8800 *Pressure-Vacuum*
- 57 8900 *Combination Instruments, Not Elsewhere Classified*
- 57 9000 MISCELLANEOUS INDICATING, RECORDING, AND CONTROLLING INSTRUMENTS AND ACCESSORIES, EXCEPT WATCHES AND CLOCKS
- 57 9100 *Specific Gravity and Density Instruments*
- 57 9110 Hydrometers
- 57 9190 Specific gravity and density instruments, not elsewhere classified
- 57 9200 *Acidity (pH) Meters*
- 57 9300 *Gas Analyzers*
- 57 9310 Mechanical
- 57 9320 Electrical
- 57 9330 Chemical
- 57 9390 Gas analyzers, not elsewhere classified
- 57 9400 *Combustion Controls*
- 57 9500 *Instrument Jewel Bearings*
- 57 9900 *Indicating, Recording, and Controlling Instruments and Accessories, Except Watches and Clocks, Not Elsewhere Classified*



## MAJOR GROUP 58—PROFESSIONAL AND SCIENTIFIC INSTRUMENTS AND APPARATUS, EXCEPT INDICATING, RECORDING, AND CONTROLLING

- 58 0000 *PROFESSIONAL AND SCIENTIFIC INSTRUMENTS AND APPARATUS, EXCEPT INDICATING, RECORDING, AND CONTROLLING*
- 58 1000 *DENTAL INSTRUMENTS, APPARATUS, AND EQUIPMENT*
- 58 1100 *Dental Operating Units*
- 58 1200 *Dental Operating Chairs*
- 58 1300 *Dental Handpieces and Angles*
- 58 1310 *Handpieces*
- 58 1320 *Contra angles*
- 58 1330 *Right angles*
- 58 1400 *Dental Burs and Broaches*
- 58 1410 *Burs, excavating*
- 58 1420 *Burs, except excavating*
- 58 1430 *Broaches*
- 58 1500 *Dental Hand Instruments*
- 58 1510 *Burnishers, carvers, carriers and plastic instruments*
- 58 1511 *Burnishers*
- 58 1512 *Carvers*
- 58 1513 *Carriers*
- 58 1514 *Plastic instruments*
- 58 1520 *Cutting instruments, excavators and scalers*
- 58 1521 *Cutting instruments*
- 58 1522 *Excavators*
- 58 1523 *Scalers*
- 58 1530 *Elevators*
- 58 1540 *Explorers*
- 58 1550 *Forceps*
- 58 1551 *Forceps, extraction*
- 58 1552 *Forceps, except extraction*
- 58 1560 *Mirrors*
- 58 1570 *Pliers*
- 58 1580 *Pluggers*
- 58 1581 *Amalgam, gold, plastic*
- 58 1582 *Root canal*
- 58 1590 *Dental hand instruments, not elsewhere classified*
- 58 1600 *Dental Laboratory Equipment*
- 58 1610 *Lathes*
- 58 1620 *Presses*
- 58 1630 *Furnaces*
- 58 1640 *Bench equipment*
- 58 1650 *Processing equipment*
- 58 1690 *Dental laboratory equipment, not elsewhere classified*
- 58 1700 *Dental Engines*
- 58 1800 *Dental Mallets*
- 58 1810 *Automatic*
- 58 1820 *Pneumatic*
- 58 1830 *Surgical*
- 58 1890 *Dental mallets, not elsewhere classified*
- 58 1900 *Dental Instruments, Apparatus, and Equipment, Not Elsewhere Classified*



PROFESSIONAL AND SCIENTIFIC INSTRUMENTS AND APPARATUS—Continued

- 58 2000 MEDICAL DIAGNOSTIC INSTRUMENTS, APPARATUS AND EQUIPMENT
- 58 2100 *Optical and Aural Examination Instruments, Apparatus and Equipment*
  - 58 2101 Adaptometers
  - 58 2102 Amblyoscopes
  - 58 2103 Audiometers
  - 58 2104 Campimeters
  - 58 2105 Charts, test type
  - 58 2106 Eikonometers
  - 58 2107 Keratometers
  - 58 2108 Lensometers
  - 58 2111 Ophthalmometers
  - 58 2112 Ophthalmoscopes
  - 58 2113 Otoscopes
  - 58 2114 Perimeters
  - 58 2115 Phorometers and phoroptometers
  - 58 2116 Refractometers
  - 58 2117 Retinoscopes
  - 58 2118 Stereoscopes
  - 58 2121 Tests, color
  - 58 2122 Tonometers
  - 58 2123 Trial frames, sets, and accessories
  - 58 2199 Optical and aural examination instruments and apparatus, not elsewhere classified
- 58 2200 *Internal Examination and Surgery Instruments, Apparatus and Equipment*
  - 58 2201 Bronchoscopes
  - 58 2202 Cystoscopes
  - 58 2203 Cysto-urethoscopes
  - 58 2204 Electrocardiographs
  - 58 2205 Electrotomes
  - 58 2206 Esophagoscopes
  - 58 2207 Laryngoscopes
  - 58 2208 Lithotriptoscopes
  - 58 2211 Nasopharyngoscopes
  - 58 2212 Pan-endoscopes
  - 58 2213 Peritoneoscopes
  - 58 2214 Pharyngoscopes
  - 58 2215 Proctoscopes
  - 58 2216 Resectoscopes
  - 58 2217 Sigmoidoscopes
  - 58 2218 Skenescopes
  - 58 2221 Thoracoscopes
  - 58 2222 Transilluminators
  - 58 2223 Urethoscopes
  - 58 2224 Vaginoscopes
  - 58 2225 Ventriculoscopes
  - 58 2299 Internal examination and surgery instruments and apparatus, not elsewhere classified
- 58 2300 *External Examination Instruments, Apparatus and Equipment*
  - 58 2310 Basal metabolism apparatus
  - 58 2320 Dynamometers
  - 58 2330 Manometers
  - 58 2340 Sphygmomanometers
  - 58 2350 Spirometers
  - 58 2360 Stethoscopes
  - 58 2390 External examination instruments, apparatus and equipment, not elsewhere classified
- 58 2900 *Medical Diagnostic Instruments, Apparatus and Equipment. Not Elsewhere Classified*
- 58 3000 SURGICAL AND MEDICAL INSTRUMENTS, EXCEPT DIAGNOSTIC
  - 58 3001 Acoumeters
  - 58 3002 Adenotomes
  - 58 3003 Air bags
  - 58 3004 Anascopes
  - 58 3005 Anastomosis buttons

PROFESSIONAL AND SCIENTIFIC INSTRUMENTS AND APPARATUS—Continued

SURGICAL AND MEDICAL INSTRUMENTS, EXCEPT DIAGNOSTIC—Continued

58 3006	Applicators	
	58 30061	Ear
	58 30062	Gynecological
	58 30063	Laryngeal
	58 30064	Nasal
	58 30069	Applicators, not elsewhere classified
58 3007	Aspirators	
58 3008	Basiotribes	
58 3011	Blowers, powder	
58 3012	Bougies	
	58 30121	Esophageal
	58 30122	Eustachian
	58 30123	Filiform
	58 30124	Rectal
	58 30125	Urethral
	58 30129	Bougies, not elsewhere classified
58 3013	Brushes, laryngeal	
58 3014	Burs, mastoid	
58 3015	Calipers, bone	
58 3016	Canulae	
	58 30161	Nasal
	58 30162	Tracheal
	58 30163	Urethral
	58 30169	Canulae, not elsewhere classified
58 3017	Carriers, ligature	
58 3018	Catheters	
	58 30181	Eustachian
	58 30182	Urethral
	58 30189	Catheters, not elsewhere classified
58 3021	Cephalotribes	
58 3022	Chisels	
	58 30221	Bone
	58 30222	Mastoid
	58 30223	Nasal
	58 30224	Post mortem
58 3023	Circumcision shields	
58 3024	Clamps	
	58 30241	Kidney
	58 30242	Pile
	58 30243	Post mortem
	58 30244	Stomach
	58 30245	Tonsil
	58 30246	Urethral compression
	58 30249	Clamps, not elsewhere classified
58 3025	Clips, wound	
58 3026	Colpeurynters, obstetrical	
58 3027	Cranioclasts	
58 3028	Curettes	
	58 30281	Bone
	58 30282	Ear
	58 30283	Eye
	58 30284	Gynecological
	58 30285	Mastoid
	58 30286	Nasal
	58 30287	Placenta
	58 30288	Tonsil
	58 30289	Curettes, not elsewhere classified
58 3031	Dilators	
	58 30311	Eye
	58 30312	Gynecological
	58 30313	Nasal
	58 30314	Obstetrical
	58 30315	Rectal
	58 30316	Tracheal
	58 30317	Urethral
	58 30319	Dilators, not elsewhere classified

PROFESSIONAL AND SCIENTIFIC INSTRUMENTS AND APPARATUS—Continued

SURGICAL AND MEDICAL INSTRUMENTS, EXCEPT DIAGNOSTIC—Continued

58 3032	Directors
	58 30321 Grooved
	58 30322 Rectal
	58 30323 Urethral
58 3033	Dissectors
	58 30331 Nasal
	58 30332 Prostatic
	58 30333 Tonsil
58 3034	Douches, gynecological
58 3035	Drills, bone
58 3036	Elevators
	58 30361 Rib
	58 30362 Periosteal
	58 30363 Septum
	58 30369 Elevators, not elsewhere classified
58 3037	Endoscopes
	58 30371 Gynecological
	58 30372 Urethral
	58 30379 Endoscopes, not elsewhere classified
58 3038	Evacuators, lithotomy
58 3041	Extension apparatus, bone
58 3042	Files
58 3043	Forceps
	58 304301 Anastomosis
	58 304302 Artery
	58 304303 Bladder
	58 304304 Bone cutting
	58 304305 Bone holding
	58 304306 Brain clip
	58 304307 Bullet
	58 304308 Craniotomy
	58 304311 Dressing
	58 304312 Ear
	58 304313 Elevating
	58 304314 Embryotomy
	58 304315 Eye
	58 304316 Gall bladder
	58 304317 Goiter
	58 304318 Haemorrhoidal
	58 304321 Haemostatic
	58 304322 Hysterectomy
	58 304323 Intestinal
	58 304324 Lithotomy
	58 304325 Microscopic
	58 304326 Obstetrical
	58 304327 Phimosi
	58 304328 Placenta
	58 304331 Post mortem
	58 304332 Prostatic
	58 304333 Screw and plate holding
	58 304334 Septum
	58 304335 Sequestrum
	58 304336 Splinter
	58 304337 Sponge holding
	58 304338 Staphylorrhaphy
	58 304341 Sterilizer
	58 304342 Stomach
	58 304343 Tenaculum
	58 304344 Throat
	58 304345 Tissue
	58 304346 Tongue
	58 304347 Tonsil
	58 304348 Towel
	58 304351 Tumor
	58 304352 Universal grasping and cutting



PROFESSIONAL AND SCIENTIFIC INSTRUMENTS AND APPARATUS—Continued

SURGICAL AND MEDICAL INSTRUMENTS, EXCEPT DIAGNOSTIC—Continued

Forceps—Continued

- 58 304353 Vulsellum
- 58 304354 Wound clip
- 58 304390 Forceps, not elsewhere classified

58 3044 Foreign body instruments, eye

58 3046 Gags, mouth

58 3047 Gauze packers

58 3048 Gorgets, lithotomy

58 3051 Gouges

58 30511 Bone

58 30512 Mastoid

58 30513 Nasal

58 3052 Hammers

58 30521 Post mortem

58 30522 Percussion

58 3053 Headbands

58 3054 Hooks

58 30541 Eye

58 30542 Obstetrical

58 30543 Post mortem

58 30544 Tonsil

58 30549 Hooks, not elsewhere classified

58 3055 Insufflators

58 3056 Intubation sets, tracheal

58 3057 Irrigators

58 30571 Eye

58 30572 Rectal

58 30573 Urethral

58 30574 Vaginal

58 30579 Irrigators, not elsewhere classified

58 3058 Knives

58 305801 Amputating

58 305802 Circumcision

58 305803 Ear

58 305804 Eye

58 305805 General operating, including bistouries

58 305806 General operating, removable blades

58 305807 Lithotomy

58 305808 Microscopic

58 305811 Nasal

58 305812 Obstetrical

58 305813 Plaster

58 305814 Post mortem

58 305815 Staphylorrhaphy

58 305816 Tonsil

58 305817 Urethral

58 305818 Uterine

58 305899 Knives, not elsewhere classified

58 3061 Lancets, blood

58 3062 Lithotrites

58 3063 Mallets

58 30631 Bone

58 30632 Mastoid

58 3064 Masks, chloroform and ether

58 3065 Mentometers

58 3066 Mirrors

58 30661 Throat

58 30662 Head

58 3067 Nails, bone

58 3068 Needle holders

58 3071 Needles

58 30711 Aneurism

58 30712 Eye, except suture

58 30713 Hypodermic

58 30714 Nasal-septum

58 30715 Perineum and cervix

PROFESSIONAL AND SCIENTIFIC INSTRUMENTS AND APPARATUS—Continued

SURGICAL AND MEDICAL INSTRUMENTS, EXCEPT DIAGNOSTIC—Continued

Needles—Continued

	58 30716	Post mortem
	58 30717	Staphylorrhaphy
	58 30718	Suture
	58 30719	Needles, not elsewhere classified
58 3072	Nozzles, urethral	
58 3073	Osteotomes	
58 3074	Pelvimeters	
58 3075	Perforators	
	58 30751	Antrum
	58 30752	Ear
	58 30753	Obstetrical
	58 30759	Perforators, not elsewhere classified
58 3076	Pessaries	
58 3077	Plates, bone	
58 3078	Probangs, laryngeal	
58 3081	Probes	
	58 30811	Ear
	58 30812	Eye
	58 30813	Gall bladder
	58 30814	Gynecological
	58 30815	Laryngeal
	58 30816	Post mortem
	58 30817	Rectal
	58 30818	Septum
	58 30819	Probes, not elsewhere classified
58 3082	Punches	
	58 30821	Biopsy
	58 30822	Septum
	58 30823	Tonsils
	58 30829	Punches, not elsewhere classified
58 3083	Rachiotomes	
58 3084	Raspatories	
	58 30841	Antrum
	58 30842	Mastoid
	58 30843	Periosteal
	58 30849	Raspatories, not elsewhere classified
58 3085	Rasps, septum	
58 3086	Razors, skin grafting	
58 3087	Retractors	
	58 308701	Abdominal
	58 308702	Bladder
	58 308703	Cheek
	58 308704	Eye
	58 308705	General operating
	58 308706	Goiter
	58 308707	Mastoid
	58 308708	Perineal
	58 308711	Prostatic
	58 308712	Tracheal
	58 308713	Uvula
	58 308714	Vaginal
	58 308799	Retractors, not elsewhere classified
58 3088	Rib spreaders	
58 3101	Rongeurs, bone	
58 3102	Saws	
	58 31021	Amputating
	58 31022	Plaster
	58 31023	Post mortem
	58 31024	Septum
	58 31029	Saws, not elsewhere classified
58 3103	Scissors	
	58 310301	Bandage
	58 310302	Decapitating
	58 310303	Enterotomy

PROFESSIONAL AND SCIENTIFIC INSTRUMENTS AND APPARATUS—Continued

SURGICAL AND MEDICAL INSTRUMENTS, EXCEPT DIAGNOSTIC—Continued

Scissors—Continued.

- 58 310304 Eye
- 58 310305 General surgery
- 58 310306 Goiter
- 58 310307 Microscopic
- 58 310308 Rectal
- 58 310311 Septum
- 58 310312 Suture
- 58 310313 Tonsil
- 58 310314 Umbilical
- 58 310315 Uterine
- 58 310399 Scissors, not elsewhere classified

58 3104

Scoops

- 58 31041 Gall bladder
- 58 31042 Lithotomy
- 58 31043 Rectal
- 58 31049 Scoops, not elsewhere classified

58 3105

Screw drivers, bone

58 3106

Screws

- 58 31061 Bone
- 58 31062 Oral
- 58 31063 Tumor
- 58 31069 Screws, not elsewhere classified

58 3107

Separators, dura

58 3108

Shears

- 58 31081 Bone
- 58 31082 Plaster of Paris
- 58 31083 Rib

58 3111

Skull breakers

58 3112

Snares

- 58 31121 Bladder
- 58 31122 Ear
- 58 31123 Septum
- 58 31124 Tonsil
- 58 31125 Rectal
- 58 31129 Snares, not elsewhere classified

58 3113

Sounds

- 58 31131 Goiter
- 58 31132 Uterine
- 58 31133 Urethral
- 58 31139 Sounds, not elsewhere classified

58 3114

Spatulas

- 58 31141 Eye
- 58 31142 Vaginal

58 3115

Specula

- 58 31151 Ear
- 58 31152 Eye
- 58 31153 Gynecological
- 58 31154 Nasal
- 58 31155 Rectal
- 58 31156 Urethral
- 58 31159 Specula, not elsewhere classified

58 3116

Spikes, bone

58 3117

Sponge holders

58 3118

Spoons, eye

58 3121

Syringes

- 58 31211 Bladder
- 58 31212 Eye
- 58 31213 Hypodermic
- 58 31214 Injection
- 58 31215 Laryngeal
- 58 31216 Septum
- 58 31217 Tonsil
- 58 31218 Urethral
- 58 31219 Syringes, not elsewhere classified



PROFESSIONAL AND SCIENTIFIC INSTRUMENTS AND APPARATUS—Continued

SURGICAL AND MEDICAL INSTRUMENTS, EXCEPT DIAGNOSTIC—Continued

- 58 3122 Tenacula
- 58 3123 Tongue depressors, except wood
- 58 3124 Tonsilectomes
- 58 3125 Tourniquets
- 58 3126 Trephines
  - 58 31261 Cranial
  - 58 31262 Eye
  - 58 31269 Trephines, not elsewhere classified
- 58 3127 Trocars
  - 58 31271 Antrum
  - 58 31272 Bladder
  - 58 31273 Gall bladder
  - 58 31274 Ovarian
  - 58 31279 Trocars, not elsewhere classified
- 58 3128 Tubes, suction
- 58 3131 Vein strippers
- 58 3999 Surgical and medical instruments, except diagnostic, not elsewhere classified
- 58 4000 OPERATING ROOM AND OTHER HOSPITAL EQUIPMENT
- 58 4100 *Operating and Examining Tables*
- 58 4110 Autopsy
- 58 4120 Examining
- 58 4130 General operating
- 58 4140 Obstetrical
- 58 4150 Orthopedic
- 58 4160 Urological
- 58 4190 Operating and examining tables, not elsewhere classified
- 58 4200 *Operating and Examining Lights*
- 58 4210 Operating lights, major
- 58 4220 Operating lights, emergency
- 58 4230 Examining lights
- 58 4290 Operating and examining lights, not elsewhere classified
- 58 4300 *Sterilizers*
- 58 4310 Instrument
- 58 4311 Pressure
- 58 4312 Non-pressure
- 58 4320 Dressing
- 58 4330 Utensil
- 58 4340 Water
- 58 4341 Pressure
- 58 4342 Non-pressure
- 58 4350 Bulk pressure
- 58 4360 Bacteriology and laboratory
- 58 4370 Bedpan washers and sterilizers
- 58 4390 Sterilizers, not elsewhere classified
- 58 4400 *Gas, Oxygen and Ether Apparatus*
- 58 4410 Anesthesia apparatus
- 58 4420 Oxygen therapy apparatus
- 58 4490 Gas, oxygen and ether apparatus, not elsewhere classified
- 58 4500 *Stretchers*
- 58 4510 Wheeled
- 58 4520 Splint
- 58 4530 Carrying
- 58 4590 Stretchers, not elsewhere classified
- 58 4600 *Hydrotherapy Baths and Equipment*
- 58 4700 *Incubators and Hospital Bassinets*
- 58 4800 *Dressing and Orthopedic Carts*
- 58 4900 *Miscellaneous Operating Room and Other Hospital Equipment*
- 58 4910 Instrument tables
- 58 4920 Instrument cabinets
- 58 4930 Irrigator stands
- 58 4940 Dressing and supply cabinets
- 58 4950 Waste receptacles
- 58 4990 Operating room and other hospital equipment, not elsewhere classified

PROFESSIONAL AND SCIENTIFIC INSTRUMENTS AND APPARATUS—Continued

- 58 5000 LABORATORY INSTRUMENTS AND APPARATUS, EXCEPT BALANCES AND WEIGHTS, AND ELECTRICAL INSTRUMENTS
- 58 5100 *Chemical Laboratory Apparatus*
- 58 5110 Centrifuges and centrifuge accessories, laboratory
- 58 5111 Centrifuges
- 58 5112 Centrifuge accessories, laboratory
- 58 5120 Distilling apparatus, laboratory
- 58 5130 Furnaces, laboratory, except dental
- 58 5131 Combustion
- 58 5132 Crucible
- 58 5133 Muffle
- 58 5139 Furnaces, laboratory, not elsewhere classified
- 58 5140 Heaters, laboratory
- 58 5150 Kjeldahl apparatus
- 58 5160 Laboratory burners (include Bunsen)
- 58 5170 Stands, clamps, rings and similar devices
- 58 5190 Chemical laboratory apparatus, not elsewhere classified
- 58 5200 *Laboratory Testing Instruments and Apparatus*
- 58 5210 Gas analysis apparatus, laboratory
- 58 5220 Hydrogen ion equipment, colorimetric
- 58 5230 Calorimeters (include oxygen bomb)
- 58 5240 Petroleum products analyzing equipment
- 58 5250 Water and sewage testing instruments
- 58 5290 Laboratory testing instruments and apparatus, not elsewhere classified
- 58 5300 *Clinical, Bacteriological, and Pathological Laboratory Instruments and Apparatus*
- 58 5310 Blood testing instruments
- 58 5320 Colorimeters, optical
- 58 5330 Photoelectric colorimeters
- 58 5340 Haemoglobinometers
- 58 5350 Haemometers
- 58 5390 Clinical, bacteriological, and pathological laboratory instruments and apparatus, not elsewhere classified
- 58 5400 *Microscope Accessories*
- 58 5410 Microtomes
- 58 5420 Microscope accessories, except Microtomes
- 58 5500 *Physical Chemistry and Chemical Physics Instruments and Apparatus*
- 58 5600 *Physics Study Apparatus*
- 58 5610 Measurement study apparatus
- 58 5620 Mechanics study apparatus
- 58 5621 Liquids
- 58 5622 Gases
- 58 5623 Forces, motion, energy
- 58 5630 Magnetism and electrostatics study apparatus
- 58 5640 Electronics study apparatus
- 58 5650 Current-electricity study apparatus
- 58 5660 Acoustics study apparatus
- 58 5670 Optics study apparatus
- 58 5680 Physics study apparatus accessories
- 58 5690 Physics study apparatus, not elsewhere classified
- 58 5700 *Blowers and Vacuum Pumps, Laboratory*
- 58 5710 Blowers, laboratory
- 58 5720 Vacuum pumps, laboratory
- 58 5800 *Constant Temperature Apparatus And Devices, Laboratory*
- 58 5810 Incubators, laboratory
- 58 5820 Ovens, laboratory
- 58 5830 Water baths, laboratory
- 58 5840 Constant temperature apparatus accessories
- 58 5890 Constant temperature apparatus and devices, laboratory, not elsewhere classified
- 58 5900 *Laboratory Instruments and Apparatus, Except Balances, Weights and Electrical Instruments, Not Elsewhere Classified*

PROFESSIONAL AND SCIENTIFIC INSTRUMENTS AND APPARATUS—Continued

58 6000	BALANCES AND WEIGHTS, LABORATORY
58 6100	<i>Analytical, Assay, and Micro</i>
58 6110	<i>Analytical</i>
58 6120	<i>Assay</i>
58 6130	<i>Micro</i>
58 6200	<i>General Laboratory</i>
58 6300	<i>Trip Scales</i>
58 6400	<i>Jolly</i>
58 6500	<i>Weights, Laboratory</i>
58 6510	<i>Class M</i>
58 6520	<i>Class S</i>
58 6530	<i>Class S-2</i>
58 6590	<i>Weights, laboratory, not elsewhere classified</i>
58 6600	<i>Balance Accessories</i>
58 6900	<i>Balances and Weights, Laboratory, Not Elsewhere Classified</i>
58 7000	X-RAY APPARATUS AND ACCESSORIES
58 7100	<i>Medical</i>
58 7200	<i>Dental</i>
58 7300	<i>Industrial, Except Metal Probing</i>
58 7400	<i>X-Ray Apparatus Accessories (Include Leaded Gloves, Aprons, Pads and Shields)</i>
58 8000	ENGINEERING INSTRUMENTS AND APPARATUS
58 8100	<i>Drawing Instruments and Drafting Machines</i>
58 8110	<i>Drawing instruments</i>
58 8120	<i>Drafting machines</i>
58 8130	<i>Pantographs</i>
58 8190	<i>Drawing instruments and drafting machines, not elsewhere classified</i>
58 8200	<i>Drafting Tools</i>
58 8210	<i>Tracing cloth and paper</i>
58 8220	<i>Scales, draftmen's</i>
58 8230	<i>Parallel rules</i>
58 8240	<i>Protractors</i>
58 8250	<i>T-squares</i>
58 8260	<i>Triangles and curves</i>
58 8270	<i>Lettering devices</i>
58 8280	<i>Straight edges</i>
58 8290	<i>Drafting tools, not elsewhere classified</i>
58 8300	<i>Drafting Accessories</i>
58 8310	<i>Reproduction print frames</i>
58 8320	<i>Drawing tables</i>
58 8330	<i>Print cabinets</i>
58 8390	<i>Drafting accessories, not elsewhere classified</i>
58 8400	<i>Slide Rules</i>
58 8401	<i>Beginners' (apprentice)</i>
58 8402	<i>Polyphase (maniphase)</i>
58 8403	<i>Mannheim type (include industrial)</i>
58 8404	<i>Polyphase duplex, trigonometric</i>
58 8405	<i>Polyphase duplex, decitrigonometric</i>
58 8406	<i>Log log, duplex trigonometric</i>
58 8407	<i>Log log, duplex decitrigonometric</i>
58 8408	<i>Log log, duplex vector</i>
58 8411	<i>Circular type</i>
58 8412	<i>Pocket type</i>
58 8413	<i>Surveyors' type</i>
58 8414	<i>Crichlow</i>
58 8415	<i>Azimuth adjustment</i>
58 8416	<i>Aiming rule</i>
58 8417	<i>Percentage corrector</i>
58 8418	<i>Angular travel computer</i>
58 8421	<i>Gunnery's quadrant</i>
58 8490	<i>Slide rules, not elsewhere classified</i>
58 8500	<i>Planimeters and Integrators</i>
58 8600	<i>Water Current Meter Equipment</i>
58 8700	<i>Surveying Instruments and Accessories</i>
58 8710	<i>Aldades</i>
58 8720	<i>Transits and levels</i>



PROFESSIONAL AND SCIENTIFIC INSTRUMENTS AND APPARATUS—Continued

ENGINEERING INSTRUMENTS AND APPARATUS—Continued

*Surveying Instruments and Accessories—Continued*

- 58 8730      Theodolites
- 58 8740      Surveyors' compasses
- 58 8750      Plumb bobs
- 58 8760      Rods
- 58 8770      Tapes, chains, and reels
- 58 8780      Clinometers
- 58 8790      Surveying instruments and accessories, not elsewhere classified
- 58 8800      *Mapping Equipment*
- 58 8900      *Engineering Instruments and Apparatus, Not Elsewhere Classified*
- 58 9000      MISCELLANEOUS PROFESSIONAL AND SCIENTIFIC INSTRUMENTS AND APPARATUS, EXCEPT INDICATING, RECORDING, AND CONTROLLING
- 58 9100      *Electron Microscopes*
- 58 9200      *Radiography Apparatus*
- 58 9300      *Inductothermy Apparatus*
- 58 9900      *Professional and Scientific Instruments and Apparatus, Except Indicating, Recording, and Controlling, Not Elsewhere Classified*



## MAJOR GROUP 59—MISCELLANEOUS EQUIPMENT

- 59 0000 *MISCELLANEOUS EQUIPMENT*
- 59 1000 *PERSONAL SAFETY EQUIPMENT*
- 59 1100 *Respiratory Equipment*
- 59 1110 Gas masks
- 59 1111 Military
  - 59 11111 Speaking diaphragm
  - 59 11112 Military gas masks, except speaking diaphragm
- 59 1112 Industrial
- 59 1113 Civilian
- 59 1119 Gas masks, not elsewhere classified
- 59 1120 Canisters
- 59 1130 Respirators
  - 59 1131 Dust and fume respirators (mechanical filter)
  - 59 1132 Paint spray or mists (chemical filter)
  - 59 1133 Supplied air type
    - 59 11331 Airline
    - 59 11332 Abrasive
    - 59 11333 Hose
- 59 1140 Oxygen breathing apparatus, industrial
- 59 1150 Inhalators
- 59 1190 Respiratory protective equipment, not elsewhere classified
- 59 1200 *Protective Head and Face Equipment*
- 59 1210 Welders' helmets and hand shields
- 59 1211 Helmets
- 59 1212 Handshields
- 59 1220 Face and eye shields, except goggles
- 59 1221 Plastic sheet
- 59 1222 Wire screen
- 59 1229 Face and eye shields, not elsewhere classified
- 59 1230 Safety helmets and hats
- 59 1231 Military
- 59 1232 Industrial
  - 59 12321 Plastic
  - 59 12322 Metal
  - 59 12323 Fiber
- 59 1233 Firemen's
  - 59 12331 Plastic
  - 59 12332 Metal
- 59 1234 Mine-type
  - 59 12341 Plastic
  - 59 12342 Metal
  - 59 12343 Fiber
- 59 1240 Goggles
- 59 1241 Industrial
  - 59 12411 Cup type
  - 59 12412 Spectacle type
  - 59 12413 Wire screen
  - 59 12419 Industrial goggles, not elsewhere classified
- 59 1242 Military
  - 59 12421 Aviators
  - 59 12422 Tank
  - 59 12423 Motorcycle
  - 59 12429 Military, not elsewhere classified
- 59 1290 Protective head and face equipment, not elsewhere classified



MISCELLANEOUS EQUIPMENT--Continued

PERSONAL SAFETY EQUIPMENT--Continued

59 1300	<i>Safety Clothing, Except Rubber</i>
59 1310	Leather safety clothing
59 1311	Welding gloves
59 1312	Steel reinforced gloves
59 1313	Handpads, mitts and sleeves
59 1314	Welding capes, bibs and aprons
59 1315	Welders' overalls and jackets
59 1316	Leggings and spats
59 1319	Leather safety clothing, not elsewhere classified
59 1320	Asbestos safety clothing
59 1321	Gloves, mittens and pads
59 1322	Hoods
59 1323	Suits, coats and pants
59 1324	Aprons and bibs
59 1325	Leggings and spats
59 1326	Overshoes
59 1329	Asbestos safety clothing, not elsewhere classified
59 1330	Metal safety clothing
59 1331	Mesh gloves
59 1332	Mesh aprons
59 1333	Arm protectors
59 1339	Metal safety clothing, not elsewhere classified
59 1340	Textile safety clothing, impregnated and coated
59 1341	Coats and pants
59 1342	Jumper suits
59 1343	Leggings and spats
59 1344	Gloves and mittens
59 1345	Sleeves
59 1349	Fire, acid, and chemical resistant impregnated or coated textile safety clothing, not elsewhere classified
59 1390	Safety clothing, not elsewhere classified
59 1400	<i>Protective Occupational Footwear</i>
59 1410	Boots and shoes
59 1411	Steel box toe
59 1412	Electrical conductivity
59 1413	Electrical resistant, or non-sparking
59 1414	Molders
59 1419	Boots and shoes, not elsewhere classified
59 1420	Foot and shin guards
59 1421	Metal
59 1422	Fiber
59 1429	Foot and shin guards, not elsewhere classified
59 1490	Protective occupational footwear, not elsewhere classified
59 1500	<i>Hazard Measuring Devices</i>
59 1510	Carbon monoxide devices
59 1511	Indicators
59 1512	Alarms
59 1513	Recorders
59 1514	Detectors
59 1520	Combustible gas devices
59 1521	Indicators
59 1522	Explosimeters
59 1523	Alarms
59 1530	Dust and fume samplers
59 1540	Oxygen recorders
59 1550	Hydrogen sulphide detectors
59 1590	Hazard measuring devices, not elsewhere classified
59 1600	<i>Water Safety Equipment</i>
59 1610	Life suits
59 1620	Life vests and jackets
59 1630	Life rings (buoys)
59 1640	Life floats
59 1650	Life rafts, except aircraft
59 1660	Life saving nets
59 1690	Water safety equipment, not elsewhere classified

# MISCELLANEOUS EQUIPMENT—Continued

## PERSONAL SAFETY EQUIPMENT—Continued

### *Safety Belts, Harnesses, Straps and Lines, Except Aeronautical*

- 59 1700 Safety belts
- 59 1711 Harness type
- 59 1719 Safety belts, not elsewhere classified
- 59 1720 Safety harnesses
- 59 1730 Safety straps
- 59 1740 Safety lines
- 59 1741 Industrial life lines
- 59 1742 Marine life lines
- 59 1743 Fire life lines
- 59 1749 Safety lines, not elsewhere classified

### *Machine Guards*

- 59 1800 Point of operation guards
- 59 1810 Transmission guards
- 59 1890 Machine guards, not elsewhere classified

### *Miscellaneous Personal Safety Equipment*

- 59 1900 Safety cans
- 59 1910 Ladder shoes
- 59 1920 Salt tablet dispensers
- 59 1930 Incendiary bomb demonstration units
- 59 1940 Safety equipment, not elsewhere classified

## WATER PURIFICATION EQUIPMENT

### *Mobile and Portable Water Purification Units*

### *Portable Chlorination Equipment*

### *Plant Water Purification Equipment*

- 59 2100 Clarification equipment
- 59 2110 Flocculator
- 59 2120 Clarifier
- 59 2130 Screening
- 59 2140 Filtration
- 59 2150 Aeration
- 59 2319 Water clarification equipment, not elsewhere classified
- 59 2320 Sterilization equipment
- 59 2321 Chlorination equipment
  - 59 23211 Gas feeding
  - 59 23212 Solution feeding

- 59 2329 Water sterilization equipment, not elsewhere classified

- 59 2330 Chemical feeders

- 59 2331 Dry

- 59 2332 Solution

- 59 2339 Chemical feeders, not elsewhere classified

- 59 2390 Plant water purification equipment, not elsewhere classified

### *Water Softening Equipment*

- 59 2400 Home water softeners

- 59 2411 Zeolite type

- 59 2419 Home water softeners, not elsewhere classified

- 59 2420 Plant water softeners

- 59 2421 Zeolite type

- 59 2422 Lime soda type

- 59 2429 Plant water softeners, not elsewhere classified

- 59 2900 *Water Purification Equipment, Not Elsewhere Classified*

## SEWAGE DISPOSAL EQUIPMENT

### *Clarification Equipment*

- 59 3100 Flocculator equipment

- 59 3110 Clarifier equipment

- 59 3120 Filter distributors

- 59 3130 Automatic dosing equipment

- 59 3200 *Chlorination Equipment*

- 59 3300 *Chemical Feeders*

- 59 3310 Dry type

- 59 3320 Solution type

- 59 3400 *Aeration Equipment*

- 59 3500 *Sewage Gas Generators*

- 59 3600 *Sewage Incinerators*

- 59 3900 *Sewage Disposal Equipment, Not Elsewhere Classified*

# MISCELLANEOUS EQUIPMENT—Continued

59 4009	BEAUTY SHOP AND BARBER SHOP EQUIPMENT
59 4100	<i>Beauty Shop Equipment, Except Chairs</i>
59 4110	Permanent waving machines
59 4120	Permanent waving pads
59 4130	Machineless permanent waving equipment
59 4140	Hair driers
59 4141	Hand type
59 4142	Hair driers, except hand
59 4150	Steamers
59 4160	Hair curlers
59 4170	Facial massage machines
59 4190	Beauty shop equipment, except chairs, not elsewhere classified
59 4200	<i>Barber Shop Equipment</i>
59 4210	Barbers' chairs
59 4230	Hair clippers
59 4231	Hand
59 4232	Electric
59 4290	Barber shop equipment, not elsewhere classified
59 5000	FIRE EXTINGUISHERS AND MISCELLANEOUS FIRE FIGHTING EQUIPMENT
59 5100	<i>Hand Fire Extinguishers</i>
59 5110	Foam
59 5120	Vaporizing liquid (carbon tetrachloride)
59 5121	Pump gun type
59 5122	Cartridge type
59 5123	Stored air pressure type
59 5129	Vaporizing liquid, not elsewhere classified
59 5130	Soda-acid
59 5140	Carbon dioxide
59 5150	Anti-freeze and water
59 5151	Cartridge type
59 5152	Pump tanks
59 5153	Stirrup pumps
59 5154	Back pack
59 5159	Anti-freeze and water, not elsewhere classified
59 5160	Loaded stream
59 5161	Cartridge type
59 5162	Chemical reaction type
59 5169	Loaded stream, not elsewhere classified
59 5170	Dry powder
59 5171	Cartridge type
59 5179	Dry powder, not elsewhere classified
59 5190	Hand fire extinguishers, not elsewhere classified
59 5200	<i>Wheeled Fire Extinguishers</i>
59 5210	Foam
59 5211	Indoor type
59 5212	Outdoor type
59 5230	Soda acid
59 5231	Indoor type
59 5232	Outdoor type
59 5240	Carbon dioxide
59 5241	Indoor type
59 5242	Outdoor type
59 5250	Anti-freeze and water
59 5251	Indoor type
59 5252	Outdoor type
59 5270	Dry powder
59 5271	Indoor type
59 5272	Outdoor type
59 5290	Wheeled fire extinguishers, not elsewhere classified
58 5300	<i>Refills</i>
59 5310	Foam
59 5320	Vaporized liquid (carbon tetrachloride)
59 5330	Soda acid
59 5340	Carbon dioxide
59 5350	Anti-freeze and water
59 5360	Loaded stream



MISCELLANEOUS EQUIPMENT—Continued

FIRE EXTINGUISHERS AND MISCELLANEOUS FIRE FIGHTING EQUIPMENT—  
Continued

*Refills*—Continued

- 59 5370 Dry powder
- 59 5390 Refills, not elsewhere classified
- 59 5400 *Foam Generators*
- 59 5410 Stationary type
- 59 5420 Portable type
- 59 5500 *Sprinkler System Components*
- 59 5510 Sprinkler heads
- 59 5520 Indicator posts
- 59 5530 Alarm check valves
- 59 5540 Dry pipe valves
- 59 5550 Deluge valves
- 59 5551 Pre-action valves
- 59 5552 Accelerators
- 59 5553 Exhausters
- 59 5590 Sprinkler system components, not elsewhere classified
- 59 5600 *Couplings, Nozzles, and Similar Accessories*
- 59 5610 Fire hose couplings

- 59 5611 Brass
- 59 5612 Malleable iron
- 59 5619 Fire hose couplings, not elsewhere classified
- 59 5620 Expansion rings
- 59 5621 Brass
- 59 5622 Steel
- 59 5629 Expansion rings, not elsewhere classified
- 59 5630 *Nozzles*

- 59 5631 Straightway, metal
- 59 5632 Straightway, plastic
- 59 5633 Shut-off, metal
- 59 5634 Deluge, metal
- 59 5635 Spray, metal
- 59 5636 Spray, plastic
- 59 5639 Nozzles, not elsewhere classified

- 59 5640 *Playpipes*
- 59 5641 Straightway
- 59 5642 Shut-off
- 59 5650 Siamese connectors and wyes
- 59 5660 Adapters and miscellaneous fittings
- 59 5670 Hydrant and spanner wrenches
- 59 5690 Couplings, nozzles, and similar accessories, not elsewhere class  
ified

- 59 5900 *Miscellaneous Fire Fighting Equipment*
- 59 5910 Hose racks and reels
- 59 5920 Hose driers
- 59 5930 Fire hydrants
- 59 5990 Fire fighting equipment, not elsewhere classified

ALARM AND OTHER SIGNAL SYSTEMS

*Fire Alarm Systems*

- 59 7110 Manual fire alarm
- 59 7111 Municipal
- 59 7112 Central station
- 59 7113 Proprietary
- 59 7114 Direct-connected to fire department
- 59 7115 Auxiliary
- 59 7116 Local
- 59 7119 Manual fire alarms, not elsewhere classified
- 59 7120 Automatic fire alarms
- 59 7121 Municipal
- 59 7122 Central station
- 59 7123 Proprietary
- 59 7124 Direct-connected to fire department
- 59 7125 Auxiliary
- 59 7126 Local
- 59 7129 Automatic fire alarms, not elsewhere classified

*MISCELLANEOUS EQUIPMENT—Continued*  
*ALARM AND OTHER SIGNAL SYSTEMS—Continued*  
*Fire Alarm Systems—Continued*

59 7130	Waterflow alarms and sprinkler supervisory
59 7131	Municipal
59 7132	Central station
59 7133	Proprietary
59 7134	Direct-connected to fire department
59 7135	Auxiliary
59 7136	Local
59 7139	Waterflow alarms and sprinkler supervisory, not elsewhere classified
59 7190	Fire alarm systems, not elsewhere classified
59 7200	<i>Watchman Supervisory Systems</i>
59 7210	Central station
59 7220	Proprietary
59 7290	Watchman supervisory systems, not elsewhere classified
59 7300	<i>Police, Burglar, and Anti-Intrusion Systems</i>
59 7310	Bank safe and vault alarms
59 7311	Municipal
59 7312	Central station
59 7313	Direct-connected to police department
59 7314	Local
59 7319	Bank safe and vault alarms, not elsewhere classified
59 7320	Mercantile premises alarms
59 7321	Municipal
59 7322	Central station
59 7323	Direct-connected to police department
59 7324	Local
59 7329	Mercantile premises alarms, not elsewhere classified
59 7330	Mercantile safe and vault alarms
59 7331	Municipal
59 7332	Central station
59 7333	Direct-connected to police department
59 7334	Local
59 7339	Mercantile safe and vault alarms, not elsewhere classified
59 7340	Holdup alarms
59 7341	Municipal
59 7342	Central station
59 7343	Direct-connected to police department
59 7344	Local
59 7349	Holdup alarms, not elsewhere classified
59 7390	Police, burglar, and anti-intrusion systems, not elsewhere classified
59 7400	<i>Sounding Devices For Industrial, Fire, Police, and Burglar Systems</i>
59 7410	Bells and gongs
59 7411	Vibrating, high voltage
59 7412	Single stroke
59 7420	Compressed air horns and whistles
59 7430	Steam whistles
59 7440	Electric horns
59 7450	Chopper sirens
59 7490	Sounding devices for industrial, fire, police, and burglar systems, not elsewhere classified
59 7500	<i>Household and Commercial Alarm and Signal Equipment</i>
59 7510	Bells and buzzers, vibrating
59 7511	Low voltage (10 volts and less)
59 7519	Bells and buzzers, vibrating, not elsewhere classified
59 7520	Push buttons
59 7521	Low voltage (10 volts and less)
59 7529	Push buttons, not elsewhere classified
59 7530	Chimes
59 7540	Annunciators
59 7550	Hospital and nurses call signal devices
59 7560	Signal (coded) call systems
59 7590	Household and commercial alarm and signal equipment, not elsewhere classified

MISCELLANEOUS EQUIPMENT—Continued

ALARM AND OTHER SIGNAL SYSTEMS—Continued

- 59 7600 *Traffic and Transit Signal Control Equipment*
- 59 7700 *Railroad Signal Control Equipment*
- 59 7710 Automatic
- 59 7720 Manual
- 59 7800 *Industrial Process Supervisory Systems*
- 59 7900 *Alarm and Other Signal Systems, Not Elsewhere Classified (Include High and Low Water Alarm Systems)*

RECREATION EQUIPMENT

- 59 8100 *Playground Equipment*
- 59 8110 Slides
- 59 8111 Steel
- 59 8112 Wood
- 59 8120 Swings
- 59 8121 Steel
- 59 8122 Wood
- 59 8130 Gyms (jungle gym type, outdoor)
- 59 8131 Steel
- 59 8132 Wood
- 59 8140 Seesaws (teeter-totters)
- 59 8150 Sand boxes
- 59 8190 *Playground equipment, not elsewhere classified*
- 59 8200 *Billiard and Pool Tables and Accessories*
- 59 8210 Tables
- 59 8220 Balls
- 59 8230 Cues
- 59 8240 Racks
- 59 8290 *Billiard and pool table accessories, not elsewhere classified*
- 59 8300 *Amusement Park and Carnival Equipment*
- 59 8310 Rides
- 59 8311 Roller coaster
- 59 8312 Whip
- 59 8313 Caterpillar
- 59 8314 Dark
- 59 8315 Kiddie-rides
- 59 8316 Octopus
- 59 8317 Loop-o-plane
- 59 8318 Scooters, auto and boat
- 59 8319 Rides, not elsewhere classified (include miniature railroads)
- 59 8320 Swings
- 59 8321 Airplane
- 59 8322 Swings, except airplane
- 59 8330 Fun houses (walk throughs)
- 59 8340 Ferris wheels
- 59 8350 Merry-go-rounds (Carousels)
- 59 8390 *Amusement park and carnival equipment, not elsewhere classified*
- 59 8400 *Shooting Gallery Equipment, Except Firearms and Ammunition*
- 59 8410 Targets
- 59 8411 Metal
- 59 8412 Paper
- 59 8413 Clay
- 59 8419 Targets, not elsewhere classified
- 59 8420 *Shooting gallery equipment, except targets, firearms and ammunition*
- 59 8900 *Recreation Equipment, Not Elsewhere Classified*
- 59 9000 EQUIPMENT, NOT ELSEWHERE CLASSIFIED





## MAJOR GROUP 61—FOOD, MANUFACTURED

### 61 0000 *FOOD, MANUFACTURED*

#### 61 1000 *MEAT PRODUCTS*

##### 61 1100 *Meats, Fresh, Chilled, or Frozen*

- 61 1110 Beef
- 61 1120 Veal
- 61 1130 Mutton
- 61 1140 Lamb
- 61 1150 Pork
- 61 1160 Horse meat
- 61 1180 Liver, tongue, heart, kidney and other edible offal
- 61 1190 Meats, fresh, chilled, or frozen, not elsewhere classified

##### 61 1200 *Meat, Cured*

- 61 1210 Beef, corned, pickled or cured
- 61 1220 Beef, dried or dehydrated
- 61 1230 Pork, pickled or salted, unsmoked
- 61 1231 Hams and shoulders
- 61 1232 Bacon
- 61 1233 Wiltshire sides
- 61 1239 Pork, pickled or salted, unsmoked, not elsewhere classified
- 61 1240 Pork, pickled or salted, smoked
- 61 1241 Hams and shoulders
- 61 1242 Bacon
- 61 1249 Pork, pickled or salted, smoked, not elsewhere classified
- 61 1250 Pork, dried or dehydrated
- 61 1260 Horse meat
- 61 1290 Meat, cured, not elsewhere classified

##### 61 1300 *Meat, Canned*

- 61 1310 Pork products
- 61 1311 Luncheon meat
- 61 1312 Ham
- 61 1313 Bacon
- 61 1314 Sausage
  - 61 13141 Sausage in casings
  - 61 13142 Sausage in bulk
- 61 1315 Ham, chopped
- 61 1316 Ham spread
- 61 1317 Ham, spiced
- 61 1318 Scrapple
- 61 1319 Pork products, not elsewhere classified
- 61 1320 Beef products
- 61 1321 Corned beef
- 61 1322 Corned beef hash
- 61 1323 Roast beef
- 61 1324 Beef stew
- 61 1329 Beef products, not elsewhere classified
- 61 1330 Brains
- 61 1340 Corned mutton
- 61 1350 Sausage, except pork
- 61 1360 Meat spreads, except pork
- 61 1361 Liver spread
- 61 1362 Meat spreads, except pork and liver
- 61 1370 Meat preparations
- 61 1371 Chile con carne
- 61 1372 Hot tamales
- 61 1373 Luncheon meat, except pork
- 61 1374 Potted meat
- 61 1375 Tongue (beef, pork, lamb)
- 61 1376 Tripe

# FOOD, MANUFACTURED—Continued

## MEAT PRODUCTS—Continued

### *Meat, Canned—Continued*

- 61 1377 Tushonka (Russian)
- 61 1379 Meat preparations, not elsewhere classified
- 61 1380 Rations
- 61 1381 Lend-Lease Ration O. O. (Beef)
- 61 1382 Lend-Lease Ration R. R. (Beef, Pork, Vegetables)
- 61 1383 Lend-Lease Ration X. X. (Pork)
- 61 1384 Ration "C" (Meat and Beans; Meat and Vegetable Hash; Meat and Vegetable Stew)
- 61 1385 Ration "K" (Ham and Egg; Pork and Veal; Corned Pork)
- 61 1389 Rations, not elsewhere classified
- 61 1400 *Sausage, Not Canned*
- 61 1410 Fresh sausage
- 61 1420 Frankfurters, bologna, and similar cased products
- 61 1430 Dry sausage
- 61 1490 Sausage, not canned, not elsewhere classified
- 61 1500 *Meat Preparations, Not Canned*
- 61 1510 Meat loaves
- 61 1520 Head cheese and scrapple
- 61 1590 Meat preparations, not canned, not elsewhere classified
- 61 1600 *Poultry, Dressed: Fresh and Frozen*
- 61 1610 Chickens
- 61 1611 Fryers and broilers
- 61 1612 Roasters and stewers
- 61 1613 Fowls
- 61 1614 Cocks
- 61 1620 Turkeys
- 61 1630 Ducks
- 61 1640 Geese
- 61 1650 Guineas
- 61 1690 Poultry, dressed: fresh and frozen, not elsewhere classified
- 61 1700 *Poultry, Prepared or Preserved, Except Frozen*
- 61 1710 Not canned
- 61 1720 Canned poultry
- 61 1721 Boned chicken
- 61 1722 Deviled or potted chicken
- 61 1723 Boned turkey
- 61 1729 Canned poultry, not elsewhere classified
- 61 1790 Poultry, prepared or preserved, except frozen, not elsewhere classified
- 61 1800 *Venison, Reindeer, Rabbits, and Other Game*
- 61 1900 *Miscellaneous Meat Products*
- 61 1910 Meat extract
- 61 1920 Meat pastes (include liver paste)
- 61 1990 Meat products, not elsewhere classified

## DAIRY PRODUCTS

- 61 2000 *Milk, Cream, and Buttermilk, Fresh (Fluid Market)*
- 61 2100 Milk, cow
- 61 2111 Whole milk
  - 61 2111100 Bulk goods
  - 61 2111200 Bottled goods
  - 61 2111220 Pasteurized
  - 61 2111221 Homogenized
  - 61 2111222 Not homogenized
  - 61 2111230 Raw
- 61 2112 Skim milk
  - 61 2112100 Bulk goods
  - 61 2112200 Bottled goods
- 61 2120 Milk, goat
  - 61 2120100 Bulk goods
  - 61 2120200 Bottled goods
- 61 2130 Cream
- 61 2131 Containing less than 30 percent butterfat
  - 61 2131100 Bulk goods
  - 61 2131110 Pasteurized



FOOD, MANUFACTURED—Continued

DAIRY PRODUCTS—Continued

*Milk, Cream, and Buttermilk, Fresh*—Continued

Cream—Continued

Containing less than 30 percent butterfat—Continued

Bulk goods—Continued.

- 61 2131120 Raw
- 61 2131200 Bottled goods
- 61 2131210 Pasteurized
- 61 2131211 Homogenized
- 61 2131212 Not homogenized
- 61 2131220 Raw

61 2132 Containing 30 percent or more butterfat

- 61 2132100 Bulk goods
- 61 2132110 Pasteurized
- 61 2132120 Raw
- 61 2132200 Bottled goods
- 61 2132210 Pasteurized
- 61 2132211 Homogenized
- 61 2132212 Not homogenized
- 61 2132220 Raw

61 2140 Buttermilk

61 2141 Natural

- 61 2141100 Bulk goods
- 61 2141200 Bottled goods

61 2142 Cultured

- 61 2142100 Bulk goods
- 61 2142200 Bottled goods

61 2200 *Milk, Condensed, Sweetened*

61 2210 Case goods (i. e., canned)

61 2211 Whole milk

61 2212 Skim milk

61 2220 Bulk goods

61 2221 Whole milk

61 2222 Skim milk

61 2300 *Milk and Buttermilk, Condensed, Unsweetened (Evaporated)*

61 2310 Case goods (i. e., canned)

61 2311 Whole milk

61 2312 Skim milk

61 2313 Buttermilk

61 2320 Bulk Goods

61 2321 Whole milk

61 2322 Skim milk

61 2323 Buttermilk

61 2400 *Milk, Cream, and Buttermilk, Dried or Powdered*

61 2410 Cream

61 2420 Whole milk

61 2430 Skim milk

61 2440 Buttermilk

61 2500 *Butter*

61 2510 Creamery, salted and unsalted

61 2511 Salted

61 2512 Unsalted

61 2520 Farm, salted and unsalted

61 2521 Salted

61 2522 Unsalted

61 2530 Dehydrated

61 2540 Whey

61 2550 Processed

61 2590 Butter, not elsewhere classified

61 2600 *Cheese*

61 2601 American (Cheddar)

61 2602 Blue (Blue-mold)

61 2603 Brick

61 2604 Brie

61 2605 Camembert

61 2606 Cheshire

61 2607 Cottage, pot and baker

61 2608 Cream

**FOOD, MANUFACTURED—Continued**

**DAIRY PRODUCTS—Continued**

*Cheese—Continued*

61 2611	Edam
61 2612	Feta
61 2613	Gammelest
61 2614	Gouda
61 2615	Hand
61 2616	Italian type
	61 26160100 Asiago
	61 26160200 Bal Paese
	61 26160300 Caciocavallo
	61 26160400 Fontina
	61 26160500 Gorgonzola
	61 26160600 Goya
	61 26160700 Incanistrato (Canistrato) Pecorino
	61 26160800 Incanistrato (Canistrato) Vacchino
	61 26161100 Moderno
	61 26161200 Montasio
	61 26161300 Moliterno
	61 26161400 Mozzarella
	61 26161500 Parmeson
	61 26161600 Provoloni
	61 26161700 Pepato
	61 26161800 Rabiola
	61 26162100 Reggiano
	61 26162200 Romano, Pecorino
	61 26162300 Romano, Vacchino
	61 26162400 Ricotta, Pecorino
	61 26162500 Ricotta, Vacchino
	61 26162600 Sardo, Pecorino
	61 26162700 Sardo, Vacchino
	61 26162800 Shrinz
	61 26163100 Scarmorzo
	61 26163200 Stracchino
	61 26169900 Italian types, not elsewhere classified
61 2617	Jack (Monterey)
61 2618	Kefaletyri
61 2621	Leyden
61 2622	Liederkrantz
61 2623	Limburger
61 2624	Munster (Muenster)
61 2625	Neufchatel
61 2626	Oka (Trappist)
61 2627	Pineapple
61 2628	Port du Sault
61 2631	Primost
61 2632	Pultost
61 2633	Roquefort
61 2634	Sap Sago
61 2635	Swiss (include block), Emmenthaler
61 2636	Swiss (include block), Gruyere
61 2637	Stilton
61 2638	Tilsit
61 2641	Vize (Vise)
61 2699	Cheese, not elsewhere classified
61 2700	<i>Cheese Products and Cheese-like Preparations</i>
61 2710	Cheese, processed or blended
61 2720	Cheese, grated
61 2730	Cheese pastes and spreads
61 2790	Cheese products and cheese-like preparations, not elsewhere classified
61 2800	<i>Frozen Desserts</i>
61 2810	Ice cream
61 2820	Sherbets, ices, and frozen custards
61 2830	Specialties, cups and sticks
61 2890	Frozen desserts, not elsewhere classified

**FOOD, MANUFACTURED—Continued**

**DAIRY PRODUCTS—Continued**

**Miscellaneous Dairy Products**

- 61 2900
- 61 2910 Malted milk
- 61 2920 Fermented milk
- 61 2930 Ice-cream mix
- 61 2931 Liquid
- 61 2932 Dried
- 61 2940 Ice-milk mix
- 61 2950 Chocolate milk
- 61 2951 Liquid
- 61 2952 Dried
- 61 2960 Whey
- 61 2961 Condensed
- 61 2962 Powdered
- 61 2969 Whey, not elsewhere classified
- 61 2990 Dairy products, not elsewhere classified

**FISH AND SHELLFISH, PREPARED**

**Fresh or Frozen Fish and Fish Products**

- 61 3100 Fillets, including split "butterfly"
  - 61 31101 Barracuda
  - 61 31102 Blue pike
  - 61 31103 Cod
  - 61 31104 Croaker
  - 61 31105 Cusk
  - 61 31106 Flounders
  - 61 31107 Groupers
  - 61 31108 Haddock
  - 61 31111 Hake
  - 61 31112 Lake herring
  - 61 31113 Lake trout
  - 61 31114 "Lingcod"
  - 61 31115 Mackerel
  - 61 31116 Pollock
  - 61 31117 Rockfishes
  - 61 31118 Rosefish
  - 61 31121 Salmon
  - 61 31122 Sauger
  - 61 31123 Sea bass
  - 61 31124 Squeteague ("Sea trout")
  - 61 31125 Whitefish
  - 61 31126 Whiting
  - 61 31127 Yellow perch
  - 61 31128 Yellow pike
  - 61 31131 Shark
  - 61 31199 Fillets, not elsewhere classified
- 61 3120 Steaks and sticks
  - 61 31201 Cod
  - 61 31202 Cusk
  - 61 31203 Flounders
  - 61 31204 Groupers
  - 61 31205 Haddock
  - 61 31206 Hake
  - 61 31207 Halibut
  - 61 31208 Salmon
  - 61 31211 Sea bass
  - 61 31212 Snapper, red
  - 61 31213 Swordfish
  - 61 31214 Totuava (white sea bass)
  - 61 31215 Shark
  - 61 31299 Steaks and sticks, not elsewhere classified
- 61 3130 Pan-dressed
  - 61 31301 Croaker
  - 61 31302 Sea bass
  - 61 31303 Squeteague ("Sea trout")
  - 61 31304 Whiting
  - 61 31399 Pan-dressed, not elsewhere classified



**FOOD, MANUFACTURED—Continued**

**FISH AND SHELLFISH, PREPARED—Continued**

*Fresh or Frozen Fish and Fish Products—Continued*

61 3190	Miscellaneous dressed fish and fish products
61 31901	Halibut
61 31902	Salmon
61 31903	Swordfish
61 31904	Catfish
61 31905	Fish roe
61 31999	Other dressed fish and fish products, not elsewhere classified
61 3200	<i>Fresh or Frozen Shellfish and Shellfish Meats</i>
61 3210	Abalone
61 3220	Clams
61 3230	Crabs
61 3240	Lobsters
61 3241	Common
61 3242	Spiny
61 3250	Oysters
61 3260	Scallops
61 3270	Shrimp
61 3290	Fresh or frozen shellfish and shellfish meats, not elsewhere classified
61 3300	<i>Dried and Unsalted Fish and Shellfish</i>
61 3310	Cod, haddock, hake, pollock, and cusk, including "stockfish"
61 3320	Salmon
61 3330	Shrimp
61 3340	Sharkfins
61 3390	Dried and unsalted fish and shellfish, not elsewhere classified
61 3400	<i>Canned Fish and Fish Products</i>
61 3401	Salmon
61 34011	Chinook (King)
61 34012	Blueback, red (Sockeye)
61 34013	Silver (Coho)
61 34014	Humpback (Pink salmon)
61 34015	Chum (Keta)
61 3402	Steelhead trout
61 3403	Sardines
61 340310	Herring (include bristlings and sprats)
61 340311	In oil
61 340312	In tomato sauce
61 340313	In mustard
61 340319	In other sauces
61 340320	Pilchards
61 340321	In oil
61 340322	In tomato sauce
61 340323	In mustard
61 340324	Natural
61 340329	In other sauces
61 340390	Sardines, not elsewhere classified
61 3404	Tuna and tuna-like fishes
61 34041	Albacore
61 34042	Yellowfin
61 34043	Bluefin
61 34044	Striped
61 34045	"Tonno"
61 34046	Bonito
61 34047	Yellowtail
61 3405	Mackerel
61 3406	Alewives (River herring)
61 3407	Anchovies
61 34071	In oil
61 34072	Not in oil
61 3408	Antipasto
61 3411	Herring, sea
61 3412	Shad
61 3413	Fish flakes
61 3414	Fish chowder

FOOD, MANUFACTURED—Continued

FISH AND SHELLFISH, PREPARED—Continued

*Canned Fish and Fish Products—Continued*

61 3415	Fish cakes, balls, and puddings
61 3416	Fish paste
61 3417	Caviar and other fish roe
	61 34171 Sturgeon
	61 34172 Salmon
	61 34173 Whitefish
	61 34174 Alewife (River herring)
	61 34175 Shad
	61 34179 Caviar and other fish roe, not elsewhere classified
61 3499	Canned fish and fish products, not elsewhere classified
61 3500	<i>Canned Shellfish and Shellfish Products</i>
61 3510	Clams
61 3511	Soft
	61 35111 Whole
	61 35112 Minced
	61 35113 Chowder
	61 35114 Juice, broth, soup, and cocktail
61 3512	Hard
	61 35121 Whole
	61 35122 Minced
	61 35123 Chowder
	61 35124 Juice, broth, soup, and cocktail
61 3513	Razor
	61 35131 Whole
	61 35132 Minced
	61 35133 Chowder
	61 35134 Juice, broth, soup, and cocktail
61 3520	Oysters
61 3521	Soup and stew
61 3529	Oysters, not elsewhere classified
61 3530	Shrimp
61 3531	Wet pack
61 3532	Dry pack
61 3539	Shrimp and shrimp products, not elsewhere classified
61 3540	Crabs
61 3541	Blue
61 3542	Dungeness
61 3543	King
61 3549	Crabs, not elsewhere classified
61 3550	Abalone
61 3560	Squid
61 3570	Lobsters
61 3571	Common
61 3572	Spiny
61 3580	Terrapin and turtles
61 3590	Shellfish and shellfish products, not elsewhere classified
61 3600	<i>Pickled or Salted Fish, Shellfish, and Products</i>
61 3601	Alewives (River herring)
	61 36011 Round
	61 36012 Corned
	61 36013 Pickled
	61 36014 Spiced
	61 36015 Tight-pack cut
	61 36016 Corned, with roe
61 3602	Anchovies
61 3603	Cod
	61 36031 Pickled
	61 36032 Green-salted
	61 36033 Dry-salted
	61 36034 Boneless
61 3604	Cusk
	61 36041 Green-salted
	61 36042 Dry-salted
	61 36043 Boneless

FOOD, MANUFACTURED—Continued

FISH AND SHELLFISH, PREPARED—Continued

*Pickled or Salted Fish, Shellfish, and Products—Continued*

61 3605	Haddock	
	61 36051	Green-salted
	61 36052	Dry-salted
	61 36053	Boneless
61 3606	Hake	
	61 360061	Green-salted
	61 360062	Dry-salted
	61 360063	Boneless
61 3607	Herring, sea (includes sprats and pilchards)	
	61 36071	Pickled, Scotch-cure
	61 36072	Brine-salted
	61 36073	Dry-salted
	61 36074	Pickled in vinegar
	61 36075	Norwegian-cure
	61 36076	Holland herring
	61 36077	Roused
	61 36078	Spiced
	61 36079	Herring, not elsewhere classified
61 3608	Mackerel	
	61 36081	Split
	61 36082	Fillets
61 3611	Mullet	
61 3612	Pollock	
	61 36121	Green-salted
	61 36122	Dry-salted
	61 36123	Boneless
61 3613	Sablefish	
	61 36131	Pickled
	61 36132	Salted
61 3614	Salmon	
	61 36141	Pickled
	61 36142	Mild-cured
	61 36143	Dry-salted
61 3615	Spot	
61 3616	Caviar and other fish roe	
	61 36161	Alewife (River herring)
	61 36162	Mullet
	61 36163	Paddlefish or spoonbill cat
	61 36164	Sturgeon
	61 36165	Salmon
	61 36169	Caviar and other fish roe, not elsewhere classified
61 3617	Tongues	
61 3618	Shrimp	
61 3621	Shark	
61 3699	Pickled or salted fish, shellfish and products, not elsewhere classified	
61 3700	<i>Smoked or Kippered Fish, Shellfish, and Products</i>	
61 3701	Alewives (River herring)	
61 3702	Buffalofish	
61 3703	Butterfish	
61 3704	Carp	
61 3705	Chubs, ciscoes, and tullibees	
61 3706	Cod fillets	
61 3707	Cusk fillets	
61 3708	Eels	
61 3711	Haddock	
	61 37111	Fillets
	61 37112	Finnan haddie
61 3712	Herring, sea	
	61 37121	Hard bloaters
	61 37122	Soft bloaters
	61 37123	Bloaters, except hard and soft
	61 37124	Boneless
	61 37125	Lengthwise
	61 37126	Medium scale



FOOD, MANUFACTURED—Continued

FISH AND SHELLFISH, PREPARED—Continued

*Smoked or Kippered Fish, Shellfish, and Products—Continued*

Herring, sea—Continued

61 37127 Kippered

61 37129 Sea herring, not elsewhere classified

61 3713 Lake herring

61 3714 Lake trout

61 3715 Mackerel

61 3716 Paddlefish or spoonbill cat

61 3717 Sablefish

61 37171 Kippered

61 37172 Smoked

61 3718 Salmon

61 37181 Kippered

61 37182 Smoked

61 3721 Shad

61 3722 Sturgeon

61 3723 Whitefish

61 3724 Whiting

61 3725 Shellfish and shellfish products

61 3799 Smoked or kippered fish, not elsewhere classified

61 3900 *Prepared or Preserved Fish, Shellfish, and Products, Not Elsewhere Classified*

61 4000 FRUITS, VEGETABLES, SOUPS, AND OTHER RELATED OR DERIVED PRODUCTS—CANNED, DRIED, OR OTHERWISE PREPARED OR PRESERVED

61 4100 *Fruits, Canned, Dried, or Otherwise Prepared or Preserved*

61 4110 Fruits, canned (in tins, glass, or other containers)

61 4110100 Apples

61 4110200 Applesauce

61 4110300 Apricots

61 4110400 Berries

61 4110401 Blackberries

61 4110402 Blueberries

61 4110403 Boysenberries

61 4110404 Cranberries

61 4110405 Loganberries

61 4110406 Raspberries, black

61 4110407 Raspberries, red

61 4110408 Strawberries

61 4110411 Youngberries

61 4110412 Dewberries

61 4110413 Gooseberries

61 4110414 Huckleberries

61 4110415 Lengon berries or partridge berries

61 4110499 Berries, not elsewhere classified

61 4110500 Cherries

61 4110510 Red sour pie (RSP) cherries

61 4110520 Sweet cherries, except maraschino

61 4110530 Maraschino

61 4110590 Cherries, not elsewhere classified

61 4110600 Figs

61 4110700 Fruit salad and fruit cocktail

61 4110800 Grapefruit sections

61 4111100 Grapes

61 4111200 Olives, ripe

61 4111300 Peaches

61 4111400 Pears

61 4111500 Pineapples

61 4111600 Plums

61 4111700 Prunes

61 4111800 Citrus salad

61 4119900 Fruits, canned, not elsewhere classified

61 4120 Fruit juices, in tins or bottles or other containers

61 41201 Apple

61 41202 Cherry

61 41203 Grape

61 41204 Grapefruit

**FOOD, MANUFACTURED—Continued**

**FRUITS, VEGETABLES, SOUPS, AND OTHER RELATED OR DERIVED PRODUCTS—**

**CANNED, DRIED, OR OTHERWISE PREPARED OR PRESERVED—Continued**

*Fruits, Canned, Dried, or Otherwise Prepared or Preserved—Con.*

**Fruit juices, in tins or bottles or other containers—Continued**

- 61 41205 Lemon
- 61 41206 Orange
- 61 41207 Prune
- 61 41208 Pineapple
- 61 41211 Papaya
- 61 41212 Berry
- 61 41213 Lime
- 61 41298 Blended fruit juices
- 61 41299 Fruit juices, in tins or bottles or other containers,  
not elsewhere classified
- 61 4130 Fruit nectars, in tins or bottles
  - 61 41301 Apricot
  - 61 41302 Orange
  - 61 41303 Peach
  - 61 41304 Pear
  - 61 41305 Prune
  - 61 41399 Fruit nectars, in tins or bottles, not elsewhere  
classified
- 61 4140 Fruit pulps and purees
  - 61 41401 Apricot pulp
  - 61 41402 Guava pulp
  - 61 41403 Mango pulp
  - 61 41404 Papaya pulp
  - 61 41405 Black raspberry pulp
  - 61 41406 Red raspberry pulp
  - 61 41407 Strawberry pulp
  - 61 41411 Fruit puree (for infants)
  - 61 41499 Fruit pulps and purees, not elsewhere classified
- 61 4150 Fruits, candied, crystallized, or glacé
  - 61 41501 Apricots
  - 61 41502 Peaches
  - 61 41503 Plums
  - 61 41504 Cherries
  - 61 41505 Prunes
  - 61 41506 Pineapples
  - 61 41507 Kumquats
  - 61 41508 Oranges
  - 61 41599 Fruits, candied, crystallized or glacé, not else-  
where classified
- 61 4160 Fruit peels, candied, crystallized, or glacé
  - 61 41601 Citron
  - 61 41602 Orange
  - 61 41603 Grapefruit
  - 61 41604 Lemon
  - 61 41699 Fruit peels, candied, crystallized, or glacé, not  
elsewhere classified
- 61 4170 Fruits, dried or dehydrated
  - 61 41701 Apples
  - 61 41702 Apricots
  - 61 41703 Figs
  - 61 41704 Dates
  - 61 51705 Peaches
  - 61 41706 Pears
  - 61 41707 Prunes
  - 61 41708 Olives
  - 61 41711 Raisins
  - 61 41712 Currants
  - 61 41713 Cherries
  - 61 41714 Bananas
  - 61 41715 Cranberries
  - 61 41716 Berries, except cranberries
  - 61 41799 Fruits, dried or dehydrated, not elsewhere classi-  
fied

**FOOD, MANUFACTURED—Continued**

**FRUITS, VEGETABLES, SOUPS, AND OTHER RELATED OR DERIVED PRODUCTS—**

**CANNED, DRIED, OR OTHERWISE PREPARED OR PRESERVED—Continued**

**Fruits, Canned, Dried, or Otherwise Prepared or Preserved—Con.**

61 4180	Fruit juices, dehydrated
61 4190	Fruits, canned, dried, or otherwise prepared or preserved, not elsewhere classified
61 4200	<i>Jellies, Jams, Preserves, Fruit Butters, and Related Products</i>
61 4210	Jellies
	61 42101 Apple
	61 42102 Currant
	61 42103 Grape
	61 42104 Blackberry
	61 42105 Black raspberry
	61 42106 Red raspberry
	61 42107 Quince
	61 42199 Jellies, not elsewhere classified
61 4220	Jams
	61 42201 Strawberry
	61 42202 Blackberry
	61 42203 Cherry
	61 42204 Black raspberry
	61 42205 Red raspberry
	61 42299 Jams, not elsewhere classified
61 4230	Preserves
	61 42301 Strawberry
	61 42302 Blackberry
	61 42303 Cherry
	61 42399 Preserves, not elsewhere classified
61 4240	Marmalades
	61 42401 Orange
	61 42402 Marmalades, except orange
61 4250	Fruit butters
	61 42501 Apple
	61 42502 Pear
	61 42503 Peach
	61 42599 Fruit butters, not elsewhere classified
61 4260	Fruit pastes
	61 42601 Apricot
	61 42602 Banana
	61 42603 Guava
	61 42604 Quince
	61 42605 Papaya
	61 42699 Fruit pastes, not elsewhere classified
61 4290	Jellies, jams, preserves, fruit butters, and related products, not elsewhere classified
61 4300	<i>Frozen Fruits and Vegetables</i>
61 4310	Fruits, quick-frozen
	61 431010 Apples
	61 431020 Apricots
	61 431030 Berries
	61 431031 Blackberries
	61 431032 Blueberries (include huckleberries)
	61 431033 Raspberries
	61 431034 Strawberries
	61 431039 Berries, not elsewhere classified
	61 431040 Cherries
	61 431050 Grapes
	61 431060 Peaches
	61 431070 Prunes
	61 431990 Fruits, quick-frozen, not elsewhere classified
61 4320	Fruits, coldpack
	61 432010 Strawberries
	61 432020 Raspberries
	61 432030 Blackberries
	61 432040 Blueberries (include huckleberries)
	61 432050 Cherries
	61 432990 Fruits, coldpack, not elsewhere classified



FOOD, MANUFACTURED—Continued

FRUITS, VEGETABLES, SOUPS, AND OTHER RELATED OR DERIVED PRODUCTS—

CANNED, DRIED, OR OTHERWISE PREPARED OR PRESERVED—Continued

*Frozen Fruits and Vegetables—Continued*

61 4330

Vegetables, quick-frozen

- 61 433010 Artichokes
- 61 433020 Asparagus
- 61 433030 Broccoli
- 61 433040 Brussels sprouts
- 61 433050 Carrots
- 61 433060 Peas
- 61 433070 Cauliflower
- 61 433080 Corn
- 61 433110 Lima beans
- 61 433120 Snap beans
- 61 433130 Spinach
- 61 433140 Squash
- 61 433990 Vegetables, quick-frozen, not elsewhere classified

61 4400

*Vegetables, Canned, Dried, or Otherwise Prepared or Preserved*

61 4410

Vegetables, canned

- 61 4410100 Artichokes
- 61 4410200 Asparagus
- 61 4410300 Beans
- 61 4410310 Dry ripe
- 61 4410311 Baked
- 61 4410312 Black-eye (cowpeas)
- 61 4410313 Red kidney
- 61 4410314 White
- 61 4410319 Dry ripe, not elsewhere classified
- 61 4410320 Green
- 61 4410321 Black-eye (shelled)
- 61 4410322 Green pod
- 61 4410323 Lima (shelled)
- 61 4410324 Wax pod
- 61 4410329 Green beans, not elsewhere classified
- 61 4410400 Bean sprouts
- 61 4410500 Beets
- 61 4410600 Brussels sprouts
- 61 4410700 Carrots
- 61 4410800 Cauliflower
- 61 4411100 Celery
- 61 4411200 Corn
- 61 4411210 Cut
- 61 4411220 On cob
- 61 4411230 Hominy
- 61 4411290 Corn, not elsewhere classified
- 61 4411300 Greens
- 61 4411310 Spinach
- 61 4411320 Turnips
- 61 4411390 Greens, not elsewhere classified
- 61 4411400 Okra
- 61 4411500 Onions
- 61 4411600 Parsnips
- 61 4411700 Peas
- 61 4411710 Green
- 61 4411720 Peas, except green
- 61 4411800 Peppers
- 61 4412100 Pimentos
- 61 4412200 Sweet or yam potatoes
- 61 4412300 White or Irish potatoes
- 61 4412400 Pumpkin
- 61 4412500 Rhubarb
- 61 4412600 Sauerkraut
- 61 4412700 Spaghetti
- 61 4412800 Squash
- 61 4413100 Tomatoes
- 61 4413200 Mushrooms
- 61 4419800 Vegetables, mixed
- 61 4419810 Succotash

*FOOD, MANUFACTURED—Continued*

**FRUITS, VEGETABLES, SOUPS, AND OTHER RELATED OR DERIVED PRODUCTS—**

**CANNED, DRIED, OR OTHERWISE PREPARED OR PRESERVED—Continued**

*Vegetables, Canned, Dried, or Otherwise Prepared or Preserved—Continued*

**Vegetables, canned—Continued**

61 4419820 Mixed vegetables, except succotash

61 4419900 Vegetables, canned, not elsewhere classified

61 4420

**Vegetable juices, canned or bottled**

61 44201 Carrot

61 44202 Tomato juice

61 44203 Tomato cocktail

61 44204 Kraut juice

61 44205 Asparagus

61 44206 Beet

61 44207 Celery

61 44208 Spinach

61 44211 Cranberry

61 44298 Blended vegetable juices

61 44299 Vegetable juices, canned or bottled, not elsewhere classified

61 4430

**Vegetable pastes, pulps, and purees**

61 44301 Vegetable purees (for infants)

61 44302 Tomato paste

61 44303 Tomato pulp or puree

61 4440

**Vegetables, dried or dehydrated**

61 44401 Onions

61 44402 Potatoes, white or Irish

61 44403 Carrots

61 44404 Celery

61 44405 Green snap beans

61 44406 Cabbage

61 44407 Sweet potatoes

61 44408 Beets

61 44411 Baked beans

61 44412 Hominy

61 44413 Okra

61 44414 Parsley

61 44415 Peas

61 44416 Rutabagas

61 44417 Spinach

61 44418 Tomatoes

61 44421 Turnips

61 44497 Mixed greens

61 44498 Mixed vegetables

61 44499 Vegetables, dried or dehydrated, not elsewhere classified

61 4500

**Fruits and Vegetables, Pickled or in Brine, and Vegetable Sauces and Seasonings**

61 4510

**Vinegar pickles and relishes (sweet or sour)**

61 45101 Cucumber pickles

61 45102 Pickled onions

61 45103 Vinegar pickles and relishes, not elsewhere classified

61 4520

**Sauces**

61 45201 Ketchup

61 45202 Tomato sauce

61 45203 Chili sauce

61 45211 Thin soy

61 45212 Worcestershire sauce

61 45213 Roberts sauce

61 45299 Sauces, not elsewhere classified

61 4530

**Mayonnaise and salad dressing**

61 45301 Mayonnaise

61 45302 Salad dressing, except French dressing

61 45303 French dressing

61 4540

**Seasonings**

61 45401 Yeast extract seasonings

61 45402 Monosodium-glutamate seasonings

61 45499 Seasonings, not elsewhere classified

FOOD, MANUFACTURED—Continued

FRUITS, VEGETABLES, SOUPS, AND OTHER RELATED OR DERIVED PRODUCTS—

CANNED, DRIED, OR OTHERWISE PREPARED OR PRESERVED—Continued

*Fruits and Vegetables, Pickled or in Brine, and Vegetable Sauces and Seasonings—Continued*

61 4550	Horse-radish, prepared
61 4560	Mustard, prepared (wet mustard)
61 4570	Sauerkraut (bulk)
61 4580	Olives
61 4581	Ripe olives in brine
61 4582	Green olives in brine
61 4583	Pitted and stuffed, in brine
61 4589	Olives, not elsewhere classified
61 4590	Fruits and vegetables, pickled or in brine, and vegetable sauces and seasonings, not elsewhere classified
61 4600	<i>Soups, Broths, and Gravies—Canned, Dried, or Otherwise Prepared or Preserved</i>
61 4610	Soups, canned
61 4611	Poultry
61 4612	Beef
61 4613	Noodle
61 4614	Vegetable
61 4615	Clam
61 4619	Soups, canned, not elsewhere classified
61 4620	Soups, dried
61 4621	Vegetable
61 4622	Noodle
61 4623	Corn
61 4624	Tomato
61 4629	Soups, dried, not elsewhere classified
61 4630	Soup powders
61 4631	Bean
61 4632	Pea
61 4633	Noodle combination
61 4634	Soya
61 4639	Soup powders, not elsewhere classified
61 4640	Soup and bouillon cubes and tablets
61 4900	<i>Miscellaneous Prepared or Preserved Fruit and Vegetable Products</i>
61 4910	Hash and stews (meat and vegetable), chop suey, chili con carne, and similar foods, not elsewhere classified
61 4920	Miso, bean cake, and other soybean products
61 4930	Packaged desserts (ready to mix) (cornstarch, gelatine, tapioca, and other bases)
61 4940	Birds' nests, and other exotic foods and preparations
61 4950	Split peas
61 4990	Prepared or preserved fruit and vegetable products, not elsewhere classified
61 5000	PREPARED CEREALS AND CEREAL PRODUCTS
61 5100	<i>Rice, Cleaned and Polished (Including Broken)</i>
61 5200	<i>Wheat Breakfast Foods, Ready to Eat</i>
61 5300	<i>Wheat Breakfast Foods, To Be Cooked</i>
61 5400	<i>Corn Breakfast Foods</i>
61 5500	<i>Oatmeal, Groats, and Rolled Oats</i>
61 5600	<i>Popped Popcorn</i>
61 5700	<i>Pearl Barley</i>
61 5800	<i>Hominy Grits</i>
61 5900	<i>Prepared Cereals and Cereal Products, Not Elsewhere Classified</i>
61 6000	BAKERY PRODUCTS AND MACARONI PRODUCTS
61 6100	<i>Bread and Other Yeast-Raised Products</i>
61 6200	<i>Cakes, Hand-Made Cookies, Doughnuts, and Sweet Rolls</i>
61 6300	<i>Pies</i>
61 6400	<i>Pastries</i>
61 6500	<i>Biscuits and Crackers</i>
61 6600	<i>Pretzels</i>
61 6700	<i>Machine-Made Cookies and Similar "Dry" Bakery Products</i>
61 6800	<i>Macaroni, Vermicelli, and Similar Pastes</i>
61 6810	Macaroni
61 6820	Spaghetti
61 6830	Vermicelli
61 6840	Noodles, plain



FOOD, MANUFACTURED—Continued

BAKERY PRODUCTS AND MACARONI PRODUCTS—Continued

*Macaroni, Vermicelli, and Similar Pastes—Continued*

- 61 6850 Noodles, with eggs
- 61 6890 Pastes, not elsewhere classified
- 61 6900 *Bakery Products, Not Elsewhere Classified*
- 61 6910 Ice-cream cones and wafers
- 61 6920 Bread crumbs
- 61 6930 Cracker meal
- 61 6990 Bakery products, not elsewhere classified
- 61 7000 SUGAR, EXCEPT RAW
- 61 7100 *Cane Sugar, Refined*
- 61 7110 Granulated
- 61 7120 Soft or brown
- 61 7130 Cubes or tablets
- 61 7140 Powdered
- 61 7190 Cane sugar, refined, not elsewhere classified
- 61 7200 *Beet Sugar, Refined*
- 61 7210 Granulated
- 61 7220 Powdered
- 61 7290 Beet sugar, refined, not elsewhere classified

61 7300 *Maple Sugar*

61 7400 *Dextrose (Corn Sugar)*

61 7600 *Lactose (Milk Sugar)*

61 7610 Crude

61 7620 Refined

61 7700 *Salicin*

61 7900 *Sugar, Except Raw, Not Elsewhere Classified*

61 8000 CONFECTIONERY

61 8100 *Candy*

- 61 8101 Caramels
- 61 8102 Hard candies
- 61 8103 Fudge
- 61 8104 Gum goods
- 61 8105 Jelly candies
- 61 8106 Candy creams
- 61 8107 Chocolate-covered bars
- 61 8108 Candy bars, except chocolate-covered
- 61 8111 Chocolate pan work candies
- 61 8112 Non-chocolate pan work candies
- 61 8113 Chocolate candies, except pan work
- 61 8114 Coconut candies
- 61 8115 Peanut candies
- 61 8116 Summer candies
- 61 8199 Candy, not elsewhere classified

61 8200 *Confections*

- 61 8201 Candied fruits
- 61 8202 Candied ginger
- 61 8203 Candied popcorn
- 61 8204 Cough drops
- 61 8205 Glacé nuts
- 61 8206 Licorice
- 61 8207 Lozenges
- 61 8208 Marshmallows
- 61 8211 Salted nuts
  - 61 82111 Almonds
  - 61 82112 Brazils
  - 61 82113 Cashews
  - 61 82114 Peanuts
  - 61 82115 Pecans
  - 61 82119 Salted nuts, not elsewhere classified

61 8212 Stuffed dates

61 8299 Confections, not elsewhere classified

61 8300 *Chewing Gum (Include Medicated)*

61 8500 *Chocolate*

61 8510 Unsweetened

61 8520 Sweetened

61 8530 Sweet, with nuts, fruits, etc.

**FOOD, MANUFACTURED—Continued**

**CONFECTIONERY—Continued**

**Chocolate—Continued**

- 61 8540 Milk, plain
- 61 8550 Milk, with nuts, fruits, etc.
- 61 8560 Sirups
- 61 8600 *Chocolate Coatings*
- 61 8610 Sweet
- 61 8620 Milk
- 61 8630 Plain
- 61 8700 *Cocoa, Powdered*
- 61 8710 Unsweetened, in cans
- 61 8720 Unsweetened, in barrels, drums, etc.
- 61 8730 Sweetened, in cans
- 61 8740 Sweetened, in barrels, drums, etc.
- 61 8900 *Chocolate and Cocoa Products, Not Elsewhere Classified*
- 61 9000 **MISCELLANEOUS FOOD PREPARATIONS**
- 61 9100 *Baking Powder, Prepared Yeast, and Other Prepared Leavening Agents*
- 61 9110 Packaged baking powder
- 61 9120 Prepared yeast
- 61 9130 Prepared leavening agents
- 61 9200 *Cooking and Table Fats and Oils, Packaged*
- 61 9210 Lard
- 61 9220 Shortenings
- 61 9230 Salad oils
- 61 9231 Olive
- 61 9232 Corn oil
- 61 9233 Cottonseed oil
- 61 9234 Peanut oil
- 61 9239 Salad oil, not elsewhere classified
- 61 9240 Oleomargarine
- 61 9250 Butter substitutes, except oleomargarine
- 61 9290 Cooking and table fats and oils, packaged, not elsewhere classified
- 61 9300 *Flavoring Extracts, Concentrates, Pastes and Powders*
- 61 9310 Natural flavoring extracts, concentrates, pastes and powder
- 61 9311 Natural flavoring extracts
  - 61 93111 Vanilla
  - 61 93112 Licorice
  - 61 93113 Tonka
  - 61 93114 Root beer
  - 61 93115 Coca
  - 61 93116 Cherry
  - 61 93119 Natural flavoring extracts, not elsewhere classified
- 61 9312 Natural flavoring concentrates
  - 61 93121 Grape
  - 61 93122 Licorice
  - 61 93123 Lime
  - 61 93124 Orange
  - 61 93125 Lemon
  - 61 93126 Grapefruit
  - 61 93129 Natural flavoring concentrates, not elsewhere classified
- 61 9313 Natural flavoring pastes
  - 61 93131 Licorice
  - 61 93139 Natural flavoring pastes, not elsewhere classified
- 61 9314 Natural flavoring powders
- 61 9320 Synthetic flavoring extracts, concentrates, pastes, and powders
- 61 9321 Synthetic flavoring extracts
  - 61 93211 Vanilla
  - 61 93212 Maple
  - 61 93213 Raspberry
  - 61 93214 Strawberry
  - 61 93215 Root beer
  - 61 93216 Lemon
  - 61 93217 Orange
  - 61 93218 Lime
  - 61 93219 Synthetic flavoring extracts, not elsewhere classified

FOOD, MANUFACTURED—Continued

MISCELLANEOUS FOOD PREPARATIONS—Continued

*Flavoring Extracts, Concentrates, Pastes and Powders—Continued*

Synthetic flavoring extracts, concentrates, pastes, and powders—Continued

- 61 9322 Synthetic flavoring concentrates
  - 61 93221 Butterscotch
  - 61 93222 Butter-and-rum
  - 61 93223 Grapefruit
  - 61 93224 Lemon
  - 61 93225 Lime
  - 61 93226 Orange
  - 61 93229 Synthetic flavoring concentrates, not elsewhere classified
- 61 9323 Synthetic flavoring pastes
  - 61 93231 Licorice
  - 61 93239 Synthetic flavoring pastes, not elsewhere classified
- 61 9324 Synthetic flavoring powders
  - 61 93241 Caramel
  - 61 93242 Butterscotch
  - 61 93243 Raspberry
  - 61 93244 Strawberry
  - 61 93245 Root beer
  - 61 93246 Cherry
  - 61 93249 Synthetic flavoring powders, not elsewhere classified
- 61 9400 *Sirups, Except Flavoring Sirups*
- 61 9410 Honey (extracted)
- 61 9420 Sorgo sirup
- 61 9430 Cane sirup
- 61 9440 Sugar sirups
- 61 9441 Invert
- 61 9442 Non-invert
- 61 9450 Maple sirup
- 61 9460 Corn sirup (glucose)
- 61 9470 Blended
- 61 9490 Sirups, except flavoring sirups, not elsewhere classified
- 61 9500 *Vinegar*
- 61 9510 Cider vinegar (fermented)
- 61 9520 Spirit vinegar (distilled)
- 61 9590 Vinegar, not elsewhere classified
- 61 9600 *Spices and Related Products, Ground or Processed*
- 61 9700 *Coffee, Roasted*
- 61 9800 *Eggs, Dehydrated, Processed*
- 61 9810 Frozen, whole (unseparated) eggs
- 61 9820 Frozen yolks
- 61 9830 Frozen whites (albumen)
- 61 9840 Dried egg yolks
- 61 9850 Dried egg whites (albumen)
- 61 9860 Dried whole eggs
- 61 9900 *Food Preparations, Not Elsewhere Classified*
- 61 9901 Coconut meat, shredded and desiccated
- 61 9902 Peanut butter
- 61 9903 Special dietary foods
- 61 9904 Mincemeat
- 61 9905 Ravioli
- 61 9906 Coffee substitutes
- 61 9907 Canned brown bread
- 61 9911 Pie and cake filling (except mincemeat)
- 61 9912 Puddings, plum, fig and other (canned)
- 61 9913 Potato chips
- 61 9914 Marshmallow cream
- 61 9915 Burnt sugar coloring
- 61 9916 Blanched peanuts





## MAJOR GROUP 62—FEED, MANUFACTURED

- 62 0000 *FEED, MANUFACTURED*
- 62 1000 *GRAIN BY-PRODUCT FEEDS*
- 62 1100 *Bran, Shorts, Middlings of Wheat*
- 62 1200 *Bran, Shorts, Middlings, Except Wheat*
- 62 1300 *Hulls of Grains and Seeds*
- 62 1400 *Screenings*
- 62 1410 *Flaxseed*
- 62 1420 *Screenings, except flaxseed*
- 62 1900 *Grain By-Product Feeds, Not Elsewhere Classified*
- 62 2000 *FEEDS OF VEGETABLE ORIGIN*
- 62 2100 *Beet Pulp*
- 62 2110 *Dry*
- 62 2120 *Moist*
- 62 2130 *Wet*
- 62 2200 *Malt Sprouts*
- 62 2300 *Brewers and Distillers Grains, Dried*
- 62 2400 *Gluten Feed and Meal*
- 62 2500 *Oil Cake and Oil-Cake Meal*
- 62 2510 *Cottonseed*
- 62 2520 *Linseed*
- 62 2530 *Copra (Coconut meal)*
- 62 2540 *Corn*
- 62 2550 *Soybean*
- 62 2560 *Peanut (Ground nut)*
- 62 2570 *Babassu*
- 62 2580 *Sesame*
- 62 2590 *Oil cake and oil-cake meal, not elsewhere classified*
- 62 2600 *Alfalfa Meal*
- 62 2700 *Dried Citrus Canning Waste*
- 62 2900 *Feeds of Vegetable Origin, Not Elsewhere Classified*
- 62 3000 *FEEDS OF ANIMAL AND FISH ORIGIN*
- 62 3100 *Meat Feeds, Meat Scraps, Tankage, Bone Meal, and Similar Products*
- 62 3200 *Dried and Concentrated Milk Feeds*
- 62 3210 *Condensed skim milk*
- 62 3220 *Dried skim milk*
- 62 3230 *Condensed buttermilk*
- 62 3240 *Dried buttermilk*
- 62 3250 *Condensed whey*
- 62 3260 *Dried whey*
- 62 3290 *Dried and concentrated milk feeds, not elsewhere classified*
- 62 3300 *Fish Meal*
- 62 3301 *Crab*
  - 62 33011 *Blue*
  - 62 33012 *King (Horseshoe)*
- 62 3302 *Shrimp*
- 62 3303 *Whale*
  - 62 33031 *Meat*
  - 62 33032 *Bone*
- 62 3304 *Groundfish (White fish)*
- 62 3305 *Herring*
- 62 3306 *Mackerel*
- 62 3307 *Pilchard*
- 62 3308 *Salmon*
- 62 3311 *Tuna*
- 62 3312 *Menhaden*
- 62 3390 *Fish meal, not elsewhere classified*

# FEED, MANUFACTURED—Continued

## FEEDS OF ANIMAL AND FISH ORIGIN—Continued

62 3400	<i>Fish Liver Oil Cake and Meal</i>
62 3500	<i>Ground Oyster Shells</i>
62 3900	<i>Animal and Fish Feeds, Not Elsewhere Classified</i>
62 4000	PREPARED MIXED FEEDS
62 4100	<i>Dairy</i>
62 4200	<i>Hog</i>
62 4300	<i>Poultry</i>
62 4400	<i>Horse and Mule</i>
62 4500	<i>Sheep</i>
62 4900	<i>Prepared Mixed Feeds, Not Elsewhere Classified</i>
62 5000	PET FOODS, PACKAGED
62 5100	<i>Canned Dog and Cat Foods</i>
62 5200	<i>Dehydrated Dog and Cat Foods</i>
62 5300	<i>Bird Seeds and Foods</i>
62 5400	<i>Fish and Turtle Foods</i>
62 5500	<i>Dog Biscuit</i>
62 5900	<i>Pet Foods, Packaged, Not Elsewhere Classified</i>
62 9000	FEED, MANUFACTURED, NOT ELSEWHERE CLASSIFIED



## MAJOR GROUP 63—BEVERAGES AND ICE

63 0000	<i>BEVERAGES AND ICE</i>
63 1000	NONALCOHOLIC BEVERAGES
63 1100	<i>Carbonated Beverages</i>
63 1110	Blended flavored drinks, including cola drinks
63 1120	Fruit-flavored drinks
63 1130	Ginger ale
63 1140	Herb or root drinks
63 1150	Unflavored carbonated waters
63 1190	Carbonated beverages, not elsewhere classified
63 1200	<i>Still Beverages</i>
63 1210	Fruit-flavored drinks
63 1220	Natural and artificial mineral waters
63 1290	Still beverages, not elsewhere classified
63 2000	MALT BEVERAGES
63 2100	<i>Beer</i>
63 2200	<i>Ale</i>
63 2300	<i>Stout</i>
63 2400	<i>Porter</i>
63 2500	<i>Near-beer</i>
63 2900	<i>Malt Beverages, Not Elsewhere Classified</i>
63 3000	WINE
63 3100	<i>Still Wine</i>
63 3110	Table (up to 14 percent alcohol)
63 3120	Dessert (14 percent to 21 percent)
63 3130	Industrial (21 percent to 24 percent)
63 3140	Herb and spice-flavored wine
63 3141	Vermouth
63 3142	Herb and spice-flavored wine, except Vermouth
63 3150	Fruit and berry wine
63 3190	Still wine, not elsewhere classified
63 3200	<i>Sparkling and Carbonated Wine</i>
63 3210	Champagne
63 3220	Sparkling, except champagne
63 3230	Carbonated wine
63 3900	<i>Wines, Not Elsewhere Classified</i>
63 4000	DISTILLED SPIRITS
63 4100	<i>Whisky</i>
63 4110	Bourbon and corn
63 4120	Rye
63 4190	Whisky, not elsewhere classified
63 4200	<i>Brandy</i>
63 4210	Beverage
63 4220	Fortifying (high proof)
63 4300	<i>Rum</i>
63 4400	<i>Gin</i>
63 4500	<i>Cordials And Liqueurs</i>
63 4600	<i>Ethyl Alcohol (Neutral Spirits)</i>
63 4900	<i>Distilled Spirits, Not Elsewhere Classified</i>
63 5000	CIDER
63 5100	<i>Apple</i>
63 5200	<i>Pear</i>
63 5300	<i>Cherry</i>
63 5900	<i>Cider, Not Elsewhere Classified</i>
63 8000	ICE
63 8100	<i>Ice, Manufactured</i>
63 8200	<i>Ice, Natural</i>



## MAJOR GROUP 64—TOBACCO MANUFACTURES

64 0000	TOBACCO MANUFACTURES
64 1000	CIGARETTES
64 1100	<i>Small—Not More Than 3 Pounds Per Thousand</i>
64 1200	<i>Large—More Than 3 Pounds Per Thousand</i>
64 2000	CIGARS
64 2100	<i>Large—More Than 3 Pounds Per Thousand</i>
64 2200	<i>Small—Not More Than 3 Pounds Per Thousand</i>
64 3000	CHEWING TOBACCO
64 4000	SMOKING TOBACCO
64 5000	SNUFF
64 9000	TOBACCO MANUFACTURES, NOT ELSEWHERE CLASSIFIED





## MAJOR GROUP 65—DRUGS AND MEDICINES

(Including U. S. P., N. F., and Similar Medicinal Grades for Human and Animal Use)<sup>1</sup>

*Introductory Note.*—In Major Group 65 the following structural code is used in groups 652, 653, 654, 655 and 656 to identify principles, derivatives and preparations:

1. Principles (medicinal agents, their immediate chemical precursors classified in Major Group 65, and basic medicinal grades of such agents, from which are derived medicinal agents or medicinal agents further processed as to grade).
2. Derivatives of principles as defined in (1).
3. Liquid preparations for parenteral use (injections), including filled ampuls, and sterile filled vials, flasks and syringes.
4. Noninjectable solutions and suspensions, except extracts, fluid extracts, tinctures and compound tinctures.
5. Extracts, except fluid extracts, and including powdered, pilular and solid extracts.
6. Fluid extracts.
7. Tinctures and compound tinctures.
8. Dry preparations for parenteral use, including hypodermic tablets, filled ampuls, and sterile filled vials and tubes.
9. Preparations containing one therapeutic agent, not elsewhere classified.

The digits assigned to the structural code are shown in the table below. An explanatory summary of the coding scheme on the two subsequent digits is also included in the table. For uniformity, the structural code may be used on the 9th digit throughout group 652-6. In this case, it will be necessary to transfer the coding of the additional data described in the table to digits 10 and 11 in classes requiring two subsequent digits, and to digit 11 in classes requiring only one.

Major Group 65				Digit assigned to Structural Code	Subsequent digits used (or reserved) for coding specified enumerations			
Group	Sub-group	Class	Page		Types and grades (following integer 1 of Structural Code)	Derivatives and processed products (following integer 2 of Structural Code)	Therapeutic agents in diluents and type of diluent (following integers 3-7 of Structural Code)	Concentrations of preparations (following integers 3-7 of Structural Code)
				<i>Digit number</i>	<i>Digit number</i>	<i>Digit number</i>	<i>Digit number</i>	<i>Digit number</i>
652	6521	65211-18	480-485	7	8	8 and 9	8	9
652	6521	65219	485-487	8	9	9	9	10
652	6522	All	487	7	8	8	8	9
652	6523	All	488	7	8	8	8	9
652	6524	65241-46	488-489	7	8	8	8	9
652	6524	65249	489	8	9	9	9	10
652	6525	All	489	7	8	8	8	9
652	6526	All	489	7	8	8	8	9
652	6529	All	489-491	7	8	8	8	9

<sup>1</sup> The abbreviation "m. g." is used throughout Major Group 65 to signify: (a) Medicinal grades as specified by the Pharmacopoeia of the United States, the National Formulary, or the New and Nonofficial Remedies (American Medical Association); (b) Grades similar to (a) used medicinally.

Major Group 65				Digit assigned to Structural Code	Subsequent digits used (or reserved) for coding specified enumerations				
Group	Sub-group	Class	Page		Types and grades (following integer 1 of Structural Code)	Derivatives and processed products (following integer 2 of Structural Code)	Therapeutic agents in diluents and type of diluent (following integers 3-7 of Structural Code)	Concentrations of preparations (following integers 3-7 of Structural Code)	
				<i>Digit number</i>	<i>Digit number</i>	<i>Digit number</i>	<i>Digit number</i>	<i>Digit number</i>	
653	All	All	491-495	7	8	8 and 9	8	9	
654	All	All	495-499	7	8	8	8	9	
655	All	All	499-503	9	(a)	(a)	(b)	10	
656	6561	All	504-506	7	8	8	8	9	
656	6562	All	506-509	8	9	9	9	10	
656	6563	All	509	7	8	8	8	9	
656	6564	All	509-510	7	8	(c)	(c)	9	
656	6565	All	510-514	9	10	10	10	11	
656	6566	All	514-515	7	8	8	8	9	
656	6567	All	515-516	8	9	9	9	10	
656	6568	65681	516-518	7	8	8	8	9	
656	6568	65682	518	8	9	9	9	10	
656	6568	65683-89	518-520	7	8	8	8	9	
656	6569	65691-98	520-522	8	9	9	9	10	
656	6569	65699	522-523	9	10	10	10	11	

<sup>a</sup> Information is coded on digits preceeding Structural Code.

<sup>b</sup> Type of diluent may be coded on the 10th digit with concentrations.

<sup>c</sup> No enumeration.

## 65 000000 DRUGS AND MEDICINES

### 65 100000 BIOLOGICAL PRODUCTS<sup>2</sup>

#### 65 110000 *Biological Products, Human Use*

##### 65 111000 Antibacterial serums and antiserums

###### 65 111010 Antianthrax serum

###### 65 111011 Lyophilized

###### 65 111019 Antianthrax serum, not elsewhere classified

###### 65 111020 Antierysipelas serum

###### 65 111030 Antimeningococcic serum

###### 65 111031 Lyophilized

###### 65 111039 Antimeningococcic serum, not elsewhere classified

###### 65 111040 Antipneumococcic serum

###### 65 111041 Antipneumococcic serum, therapeutic horse

###### 65 111042 Antipneumococcic serum, therapeutic rabbit

###### 65 111043 Antipneumococcic serum, typing

###### 65 1110431 Monovalent

###### 65 1110432 Mixtures

###### 65 1110439 Antipneumococcic serum, typing, not elsewhere classified

###### 65 111049 Antipneumococcic serums, not elsewhere classified

###### 65 111060 Antidysenteric serum

###### 65 111061 Polyvalent

###### 65 111069 Antidysenteric serum, not elsewhere classified

###### 65 111070 Anti-Rocky Mountain spotted fever serum

###### 65 111080 Antistaphylococcic serum

###### 65 111110 Antistreptococcic serum

###### 65 111990 Antibacterial serums and antiserums, not elsewhere classified

###### 65 112000 Antitoxins

###### 65 112010 Antivenin

###### 65 112020 Botulism antitoxin

###### 65 112030 Diphtheria antitoxins

###### 65 112031 Bovine

###### 65 112032 Globulin—modified

###### 65 112039 Diphtheria antitoxins, not elsewhere classified

###### 65 112040 Dysenteric antitoxin, monovalent, Shiga

<sup>2</sup> Use Supplementary Code 65-2 on page 535.



DRUGS AND MEDICINES—Continued

BIOLOGICAL PRODUCTS—Continued

*Biological Products, Human Use—Continued*

Antitoxins—Continued

Tetanus antitoxins

Bovine

Prophylactic

Therapeutic

Combined tetanus—gas gangrene antitoxin, prophylactic

Tetanus antitoxins, not elsewhere classified

Erysipelas streptococcus antitoxin

Gas gangrene antitoxins

Polyvalent, without tetanus antitoxin, prophylactic

Polyvalent, without tetanus antitoxin, therapeutic

Gas gangrene antitoxins, not elsewhere classified

Meningococcal antitoxin

Scarlet fever streptococcus antitoxin

Staphylococcus antitoxin

Antitoxins, not elsewhere classified

Allergenic extracts, m. g.

Animal protein extracts, m. g.

Bacterial protein extracts, m. g.

Food protein extracts, m. g.

Fungus extracts, m. g.

Plant pollen extracts, m. g.

Rhus extracts, m. g.

Poison ivy extract, therapeutic, m. g.

Poison oak extract, therapeutic, m. g.

Rhus extracts, m. g., not elsewhere classified

Allergenic extracts, m. g., not elsewhere classified

Bacterial toxins and modified toxins

Diphtheria toxin—antitoxin mixture

Diphtheria toxoids

Alum precipitated

Plain

Diphtheria toxoids, not elsewhere classified

Scarlet fever streptococcus toxin for immunizing

Staphylococcus toxoid

Tetanus toxoids

Alum precipitated

Plain

Tetanus toxoids, not elsewhere classified

Bacterial toxins and modified toxins, not elsewhere classified

Bacterial vaccines and bacterial antigens

Acne bacillus vaccine

Bacterial antigens, therapeutic

Cholera vaccine

Meningococcal vaccine

Plague vaccine

Staphylococcus vaccine

Typhoid vaccine

Combined

Typhoid vaccine, not elsewhere classified

Whooping cough vaccine (Pertussis vaccine)

Bacterial vaccines, and bacterial antigens, not elsewhere classified

Diagnostic agents, biological

Antigens, diagnostic

Bacterial, for tube agglutination tests

Syphilis complement fixation tests

For Kahn test

Lymphogranuloma Venereum, from chick embryo (Frei test and control)

Antigens, diagnostic, not elsewhere classified

Blood grouping serum

Anti-A (Group 3)

Anti-B (Group 2)

Blood grouping serums, not elsewhere classified

**DRUGS AND MEDICINES—Continued**

**BIOLOGICAL PRODUCTS—Continued**

*Biological Products, Human Use—Continued*

**Diagnostic agents, biological—Continued**

- 65 116030 Complement, fixation test, lyophilized, guinea pig
- 65 116040 Diphtheria toxin, Shick test material
- 65 116060 Diphtheria toxin, Shick control material
- 65 116070 Serum, agglutinating, diagnostic
- 65 116080 Tuberculin
- 65 116081 Old tuberculin
- 65 116082 Purified protein derivative
  - 65 1160821 First test strength
  - 65 1160822 Second test strength
  - 65 1160829 Purified protein derivatives, not elsewhere classified
- 65 116089 Tuberculin, not elsewhere classified
- 65 116990 Diagnostic agents, biological, not elsewhere classified
- 65 117000 Human serums, plasmas and derivatives
- 65 117010 Blood serum, immune
  - Human convalescent scarlet fever serum
  - Human measles immune serum
- 65 117011 Blood serum, immune, not elsewhere classified
- 65 117020 Blood serum, normal
- 65 117030 Blood plasma, dried
- 65 117040 Human immune globulin
- 65 117060 Serum albumen, m. g.
- 65 117990 Human serums, plasmas and derivatives, not elsewhere classified

**Virus vaccines**

- 65 118000 Anti-Rocky Mountain spotted fever vaccine
- 65 118010 Rabies vaccine
- 65 118020 Smallpox vaccine
- 65 118030 Typhus fever vaccine
- 65 118060 Yellow fever vaccine
- 65 118990 Virus vaccines, not elsewhere classified
- 65 119000 Miscellaneous biological products, human use
- 65 119010 Bacterial cultures, m. g.
- 65 119020 Bacteriophage
- 65 119030 Hemostatic globulin
- 65 119040 Hemostatic serum
- 65 119060 Normal horse serum
- 65 119990 Biological products, human use, not elsewhere classified

*Biological Products, Animal Use*

**Antibacterial serums**

- 65 121000 Antianthrax serum
- 65 121010 Antiblackleg serum
- 65 121030 Antiencephalomyelitis serum
- 65 121040 Anti-hog-cholera serum
- 65 121060 Anti-hemorrhagic-septicemia serum
- 65 121070 Antibacterial serums, class and genus specific
  - Bovine
  - Canine
  - Equine
  - Feline
  - Porcine
- 65 121071
- 65 121072
- 65 121073
- 65 121074
- 65 121075
- 65 121079 Antibacterial serums, class and genus specific, not elsewhere classified
- 65 121080 Anti-bronchisepticus-bacillus serum
- 65 121110 Antistreptococcus serum
- 65 121120 Anti-swine-erysipelas serum
- 65 121990 Antibacterial serums not elsewhere classified
- 65 122000 Antitoxins
  - Tetanus antitoxin
  - Anaerobic antitoxin
  - Antivenin
  - Botulinus antitoxin
  - Botulinus antitoxin, mixed types
  - Antitoxins, not elsewhere classified
- 65 122050
- 65 122070
- 65 122080
- 65 122110
- 65 122120
- 65 122990

# DRUGS AND MEDICINES—Continued

## BIOLOGICAL PRODUCTS—Continued

### Biological Products, Animal Use—Continued

65 123000	Bacterial toxins and modified toxins
65 123020	Blackleg aggressin
65 123050	Tetanus toxoid
65 123060	Hemorrhagic-septicemia aggressin
65 123070	Staphylococcus aureus toxoid
65 123990	Bacterial toxins and modified toxins, not elsewhere classified
65 124000	Bacterial vaccines and mixed vaccines
65 124010	Anthrax bacterin
65 124020	Blackleg bacterin
65 124060	Hemorrhagic-septicemia bacterin
65 124070	Bronchisepticus-bacillus bacterin
65 124080	Clostridium chauvei-septicus bacterin
65 124110	Clostridium hemolyticum bacterin
65 124120	Gallinarum-typhimurium bacterin
65 124130	Pasteurella avicida bacterin
65 124140	Salmonella-abortivoequina bacterin
65 124150	Staphylococcus bacterin
65 124160	Staphylococcus-streptococcus bacterin
65 124170	Streptococcus bacterin
65 124180	Mixed bacterins, class and genus specific
65 124181	Avian
65 124182	Bovine
65 124183	Canine
65 124184	Equine
65 124185	Feline
65 124186	Lepine
65 124187	Ovine
65 124188	Porcine
65 124189	Mixed bacterins, class and genus specific, not elsewhere classified
65 124990	Bacterial vaccines and mixed vaccines, not elsewhere classified
65 125000	Diagnostics, biological
65 125070	Johnin
65 125080	Mallein
65 125110	Pullorin
65 125120	Tuberculin
65 125121	Avian
65 125129	Tuberculin, not elsewhere classified
65 125990	Diagnostics, biological, not elsewhere classified
65 126000	Vaccines, live virus, and tissue product-derivatives
65 126010	Anthrax spore vaccine
65 126020	Blackleg vaccine
65 126021	Cultural
65 126022	Tissue
65 126029	Blackleg vaccine, not elsewhere classified
65 126030	Encephalomyelitis vaccine
65 126031	Domestic, eastern
65 126032	Domestic, western
65 126033	South American Type A
65 126039	Encephalomyelitis vaccine, not elsewhere classified
65 126040	Hog-cholera vaccine and virus
65 126041	Hog-cholera vaccine
65 126042	Hog-cholera virus
65 126070	Brucella abortus vaccine
65 126080	Canine-distemper vaccine and virus
65 126081	Canine-distemper vaccine
65 126082	Canine-distemper virus
65 126110	Fowl-laryngotracheitis vaccine
65 126120	Fowl-pox vaccine
65 126130	Ovine-ecthyma vaccine
65 126140	Pigeon-pox vaccine
65 126150	Rabies vaccine
65 126160	Swine-erysipelas vaccine



**DRUGS AND MEDICINES—Continued**

**BIOLOGICAL PRODUCTS—Continued**

*Biological Products, Animal Use—Continued*

**Vaccines, live virus, and tissue product-derivatives—Continued**

- |           |  |
|-----------|--|
| 65 126990 | Vaccines, live virus, and tissue-product derivatives, not elsewhere classified |
| 65 129000 | Miscellaneous biological products, animal use                                  |
| 65 129070 | Normal serum   |
| 65 129090 | Biological products, animal use, not elsewhere classified                      |
| 65 200000 | <b>BOTANICAL DERIVATIVES, SYNTHETIC EQUIVALENTS, AND PREPARATIONS</b>          |
|           | <b>CONTAINING ONE THERAPEUTIC AGENT, m. g.*.2</b>                              |
| 65 210000 | <i>Alkaloids, Their Derivatives, and Preparations, m. g.</i>                   |
| 65 211000 | Cinchona alkaloids, derivatives, and preparations, m. g.                       |
| 65 211100 | Cinchonidine, derivatives, and preparations, m. g.                             |
| 65 211110 | Cinchonidine, alkaloid, m. g.  |
| 65 211120 | Cinchonidine derivatives, m. g.  |
|           | 65 2111201 Cinchonidine salicylate, m. g.                                      |
|           | 65 2111202 Cinchonidine sulfate, m. g.   |
|           | 65 2111299 Cinchonidine derivatives, m. g., not elsewhere classified           |
| 65 211190 | Cinchonidine preparations, m. g., not elsewhere classified                     |
| 65 211200 | Cinchonine, derivatives, and preparations, m. g.                               |
| 65 211210 | Cinchonine, alkaloid, m. g.  |
| 65 211220 | Cinchonine derivatives, m. g.  |
|           | 65 2112201 Cinchonine salicylate, m. g.  |
|           | 65 2112202 Cinchonine sulfate, m. g.   |
|           | 65 2112299 Cinchonine derivatives, m. g., not elsewhere classified             |
| 65 211290 | Cinchonine preparations, m. g., not elsewhere classified                       |
| 65 211300 | Quinine, derivatives, and preparations, m. g.                                  |
| 65 211310 | Quinine, alkaloid, m. g.   |
| 65 211320 | Quinine derivatives, m. g.   |
|           | 65 2113201 Quinine acetylsalicylate, m. g.                                     |
|           | 65 2113202 Quinine arsenate, m. g.   |
|           | 65 2113203 Quinine benzoate, m. g.   |
|           | 65 2113204 Quinine diethylbarbiturate, m. g.                                   |
|           | 65 2113205 Quinine dihydrochloride, m. g.                                      |
|           | 65 2113206 Quinine bisulfate, m. g.  |
|           | 65 2113207 Quinine carbonate, m. g. (Aristoquin, m. g.)                        |
|           | 65 2113208 Quinine ethyl carbonate, m. g. (Euquinine, m. g.)                   |
|           | 65 2113211 Quinine formate, m. g.  |
|           | 65 2113212 Quinine hydrobromide, m. g.   |
|           | 65 2113213 Quinine hydrochloride, m. g.  |
|           | 65 2113214 Quinine sulfate, m. g.  |
|           | 65 2113215 Quinine and urea hydrochloride, m. g.                               |
|           | 65 2113216 Quinine valerate, m. g.   |
|           | 65 2113299 Quinine derivatives, m. g., not elsewhere classified                |
| 65 211330 | Quinine and derivatives, for injection, m. g.                                  |
| 65 211331 | Quiniobine, injection, m. g. (Quinine bismuth iodide in oil, injection, m. g.) |
| 65 211339 | Quinine and derivatives, for injection, m. g., not elsewhere classified        |
| 65 211390 | Quinine preparations, m. g., not elsewhere classified                          |
| 65 211400 | Quinidine, derivatives, and preparations, m. g.                                |
| 65 211410 | Quinidine, alkaloid, m. g.   |
| 65 211420 | Quinidine derivatives, m. g.   |
|           | 65 2114201 Quinidine sulfate, m. g.  |
|           | 65 2114202 Quinidine tannate, m. g.  |
|           | 65 2114299 Quinidine derivatives, m. g., not elsewhere classified              |
| 65 211490 | Quinidine preparations, m. g., not elsewhere classified                        |
| 65 211500 | Quinoidine, m. g.  |

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 on page 535 is to be used.

<sup>2</sup> Use Supplementary Code 65-2 on page 535.

*DRUGS AND MEDICINES*—Continued

BOTANICAL DERIVATIVES, SYNTHETIC EQUIVALENTS, AND PREPARATIONS  
CONTAINING ONE THERAPEUTIC AGENT, m. g.—Continued

*Alkaloids, Their Derivatives, and Preparations, m. g.*—Continued  
Cinchona alkaloids, derivatives, and preparations, m. g.—Con.

- 65 211600      Totaquine, m. g.
- 65 211900      Cinchona alkaloids, derivatives, and preparations, m. g., not  
                  elsewhere classified
- 65 212000      Coca alkaloids, derivatives, and preparations, m. g.
- 65 212100      Cocaine, derivatives, and preparations, m. g.
- 65 212110      Cocaine, alkaloid, m. g.
- 65 212120      \*Cocaine derivatives, m. g.
  - 65 2121201    Cocaine borate, m. g.
  - 65 2121202    Cocaine hydriodide, m. g.
  - 65 2121203    \*Cocaine hydrochloride, m. g.
  - 65 2121204    Cocaine lactate, m. g.
  - 65 2121205    Cocaine nitrate, m. g.
  - 65 2121206    Cocaine phenate, m. g.
  - 65 2121207    Cocaine salicylate, m. g.
  - 65 2121208    Cocaine stearate, m. g.
  - 65 2121211    Cocaine sulfate, m. g.
  - 65 2121212    Cocaine tartrate, m. g.
  - 65 2121213    d-Pseudococaine bitartrate, m. g. (Psi-  
                  caine, m. g.)
  - 65 2121299    Cocaine derivatives, m. g., not elsewhere  
                  classified
- 65 212190      Cocaine preparations, m. g., not elsewhere classified
- 65 212900      Coca alkaloids, derivatives, and preparations, m. g., not else-  
                  where classified
- 65 213000      Ergot alkaloids, derivatives, and preparations, m. g.
- 65 213100      Ergonovine, derivatives, and preparations, m. g.
- 65 213110      Ergonovine, alkaloid, m. g. (Ergometrine, m. g.)
- 65 213120      Ergonovine derivatives, m. g.
  - 65 2131201    Ergonovine hydraerylate, m. g.
  - 65 2131202    Ergonovine maleate, m. g.
  - 65 2131299    Ergonovine derivatives, m. g., not else-  
                  where classified
- 65 213190      Ergonovine preparations, m. g., not elsewhere classified
- 65 213200      Ergotamine, derivatives, and preparations, m. g.
- 65 213210      Ergotamine, alkaloid, m. g.
- 65 213220      Ergotamine derivatives, m. g.
  - 65 2132201    Ergotamine tartrate, m. g. (Gynergen,  
                  m. g.)
  - 65 2132299    Ergotamine derivatives, m. g., not else-  
                  where classified
- 65 213290      Ergotamine preparations, m. g., not elsewhere classified
- 65 213300      Ergotoxine, derivatives, and preparations, m. g.
- 65 213310      Ergotoxine, alkaloid, m. g.
- 65 213320      Ergotoxine derivatives, m. g.
  - 65 2133201    Ergotoxine ethanesulfonate, m. g.
  - 65 2133299    Ergotoxine derivatives, m. g., not else-  
                  where classified
- 65 213390      Ergotoxine preparations, m. g., not elsewhere classified
- 65 213900      Ergot alkaloids, derivatives, and preparations, m. g., not  
                  elsewhere classified
- 65 214000      Nux vomica alkaloids, derivatives, and preparations, m. g.
- 65 214100      Brucine, derivatives, and preparations, m. g.
- 65 214110      Brucine, alkaloid, m. g.
- 65 214120      Brucine derivatives, m. g.
  - 65 2141201    \*Brucine sulfate, m. g.
  - 65 2141299    Brucine derivatives, m. g., not else-  
                  where classified
- 65 214190      Brucine preparations, m. g., not elsewhere classified
- 65 214200      Strychnine, derivatives, and preparations, m. g.
- 65 214210      Strychnine, alkaloid, m. g.

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.



DRUGS AND MEDICINES—Continued

BOTANICAL DERIVATIVES, SYNTHETIC EQUIVALENTS, AND PREPARATIONS

CONTAINING ONE THERAPEUTIC AGENT, m. g.—Continued

*Alkaloids, Their Derivatives, and Preparations, m. g.*—Continued

*Nux vomica* alkaloids, derivatives, and preparations, m. g.—Continued

- 65 214220 Strychnine, derivatives, and preparations, m. g.—Con.  
Strychnine derivatives, m. g.
- 65 2142201 Strychnine arsenate, m. g.
  - 65 2142202 Strychnine glycerophosphate, m. g.
  - 65 2142203 Strychnine hydrobromide, m. g.
  - 65 2142204 Strychnine hydrochloride, m. g.
  - 65 2142205 Strychnine hypophosphite, m. g.
  - 65 2142206 Strychnine nitrate, m. g.
  - 65 2142207 Strychnine phosphate, m. g.
  - 65 2142208 \*Strychnine sulfate, m. g.
  - 65 2142211 Strychnine valerate, m. g.
  - 65 2142299 Strychnine derivatives, m. g., not elsewhere classified
- 65 214290 Strychnine preparations, m. g., not elsewhere classified
- 65 214900 *Nux vomica* alkaloids, derivatives, and preparations, m. g., not elsewhere classified
- 65 215000 Opium alkaloids, derivatives, and preparations, m. g.
- 65 215100 Codeine, derivatives, and preparations, m. g.
- 65 215110 Codeine, alkaloid, m. g.
- 65 215120 Codeine derivatives, m. g.
- 65 2151201 Codeine acetate, m. g.
  - 65 2151202 Codeine guaiacolsulfonate, m. g. (Guaiacodeine, m. g.)
  - 65 2151203 Codeine hydrobromide, m. g.
  - 65 2151204 Codeine hydrochloride, m. g.
  - 65 2151205 Codeine methylbromide, m. g.
  - 65 2151206 \*Codeine sulfate, m. g.
  - 65 2151207 \*Codeine phosphate, m. g.
  - 65 2151208 Codeine salicylate, m. g.
  - 65 2151299 Codeine derivatives, m. g., not elsewhere classified
- 65 215190 Codeine preparations, m. g., not elsewhere classified
- 65 215200 Cotarnine, derivatives, and preparations, m. g.
- 65 215210 Cotarnine, alkaloid, m. g.
- 65 215220 Cotarnine derivatives, m. g.
- 65 2152201 Cotarnine chloride, m. g.
  - 65 2152299 Cotarnine derivatives, m. g., not elsewhere classified
- 65 215290 Cotarnine preparations, m. g., not elsewhere classified
- 65 215300 Morphine, derivatives, and preparations, m. g.
- 65 215310 Morphine, alkaloid, m. g.
- 65 215320 Morphine derivatives, m. g.
- 65 2153201 \*Apomorphine hydrochloride, m. g.
  - 65 2153202 Dihydromorphinone hydrochloride, m. g., (Dilaudid, m. g.)
  - 65 2153203 Ethylmorphine hydrochloride, m. g., (Dionin, m. g.)
  - 65 2153204 Morphine acetate, m. g.
  - 65 2153205 Morphine hydrobromide, m. g.
  - 65 2153206 Morphine hydrochloride, m. g.
  - 65 2153207 Morphine methylbromide, m. g. (Morphosan, m. g.)
  - 65 2153208 Morphine narcotine meconate, m. g., (Narphin, m. g.)
  - 65 2153211 Morphine oleate, m. g.
  - 65 2153212 Morphine stearate, m. g.
  - 65 2153213 Morphine tartrate, m. g.
  - 65 2153214 \*Morphine sulfate, m. g.
  - 65 2153215 Morphine valerate, m. g.

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.



# DRUGS AND MEDICINES—Continued

## BOTANICAL DERIVATIVES, SYNTHETIC EQUIVALENTS, AND PREPARATIONS

### CONTAINING ONE THERAPEUTIC AGENT, m. g.—Continued

#### *Alkaloids, Their Derivatives, and Preparations, m. g.—Continued*

#### Opium alkaloids, derivatives, and preparations, m. g.—Con.

#### Morphine, derivatives, and preparations, m. g.—Continued

#### Morphine derivatives, m. g.—Continued

65 2153299 Morphine derivatives, m. g., not elsewhere classified

Morphine preparations, m. g., not elsewhere classified

Pantopon, m. g.

Papaverine, derivatives, and preparations, m. g.

Papaverine, alkaloid, m. g.

Papaverine derivatives, m. g.

65 2155201 Papaverine hydrochloride, m. g.

65 2155299 Papaverine derivatives, m. g., not elsewhere classified

Papaverine preparations, m. g., not elsewhere classified

Opium alkaloids, derivatives, and preparations, m. g., not elsewhere classified

Physostigmine (Eserine) and Neostigmine (Prostigmine) derivatives, and preparations, m. g.

Physostigmine (Eserine), derivatives, and preparations, m. g.

Physostigmine, alkaloid, m. g.

Physostigmine derivatives, m. g.

65 2161201 Physostigmine benzoate, m. g.

65 2161202 Physostigmine borate, m. g.

65 2161203 \*Physostigmine salicylate, m. g.

65 2161204 \*Physostigmine sulfate, m. g.

65 2161205 Physostigmine sulfite, m. g.

65 2161299 Physostigmine derivatives, m. g., not elsewhere classified

Physostigmine preparations, m. g., not elsewhere classified

Neostigmine (Prostigmine), derivatives, and preparations, m. g.

Neostigmine, alkaloid, m. g.

Neostigmine derivatives, m. g.

65 2162201 Neostigmine bromide, m. g.

65 2162202 Neostigmine methylsulfate, m. g.

65 2162299 Neostigmine derivatives, m. g., not elsewhere classified

Neostigmine preparations, m. g., not elsewhere classified

Solanaceous alkaloids, derivatives, and preparations, m. g.

Atropine, derivatives, and preparations, m. g.

Atropine, alkaloid, m. g.

Atropine derivatives, m. g.

65 2171201 Atropine hydrobromide, m. g.

65 2171202 Atropine hydrochloride, m. g.

65 2171203 Atropine methylbromide, m. g.

65 2171204 Atropine methylnitrate, m. g.

65 2171205 Atropine nitrate, m. g.

65 2171206 Atropine salicylate, m. g.

65 2171207 \*Atropine sulfate, m. g.

65 2171208 Atropinesulfuric acid, m. g. (Atrinal, m. g.)

65 2171211 Atropine valerate, m. g.

65 2171299 Atropine derivatives, m. g., not elsewhere classified

Atropine preparations, m. g., not elsewhere classified

Eucatropine, derivatives, and preparations, m. g.

Eucatropine, alkaloid, m. g.

Eucatropine derivatives, m. g.

65 2172201 Eucatropine hydrochloride (1,2,6,6-Tetramethyl-4-mandeloxypiperidine hydrochloride, m. g.)

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.

**DRUGS AND MEDICINES—Continued**

**BOTANICAL DERIVATIVES, SYNTHETIC EQUIVALENTS, AND PREPARATIONS**

**CONTAINING ONE THERAPEUTIC AGENT, m. g.—Continued**

***Alkaloids, Their Derivatives, and Preparations, m. g.—Continued***  
**Solanaceous alkaloids, derivatives, and preparations, m. g.—**  
**Continued.**

**Eucatropine, derivatives, and preparations, m. g.—Continued**  
**Eucatropine derivatives, m. g.—Continued**

- |            |   |
|------------|---|
| 65 217290  | Eucatropine preparations, m. g., not elsewhere classified                             |
| 65 217300  | Homatropine (Tropine mandelate), derivatives, and preparations, m. g.                 |
| 65 217310  | Homatropine, alkaloid, m. g.  |
| 65 217320  | Homatropine derivatives, m. g.  |
| 65 2173201 | Homatropine hydrobromide, m. g.   |
| 65 2173202 | Homatropine hydrochloride, m. g.  |
| 65 2173203 | Homatropine methylbromide, m. g.  |
| 65 2173204 | Homatropine salicylate, m. g.   |
| 65 2173205 | Homatropine sulfate, m. g.  |
| 65 2173299 | Homatropine derivatives, m. g., not elsewhere classified                              |
| 65 217390  | Homatropine preparations, m. g., not elsewhere classified                             |
| 65 217400  | Hyoscyamine, derivatives, and preparations, m. g.                                     |
| 65 217410  | *Hyoscyamine, alkaloid, m. g.   |
| 65 217420  | Hyoscyamine derivatives, m. g.  |
| 65 217490  | Hyoscyamine preparations, m. g., not elsewhere classified                             |
| 65 217500  | Scopolamine (Hyoscine), derivatives, and preparations, m. g.                          |
| 65 217510  | Scopolamine, alkaloid, m. g.  |
| 65 217520  | Scopolamine derivatives, m. g.  |
| 65 2175201 | Scopolamine hydrobromide, m. g.   |
| 65 2175202 | *Scopolamine hydrochloride, m. g.   |
| 65 2175203 | Scopolamine methylbromide, m. g.  |
| 65 2175204 | *Scopolamine sulfate, m. g.   |
| 65 2175299 | Scopolamine derivatives, m. g., not elsewhere classified                              |
| 65 217590  | Scopolamine preparations, m. g., not elsewhere classified                             |
| 65 217900  | Solanaceous alkaloids, derivatives, and preparations, m. g., not elsewhere classified |
| 65 218000  | Xanthines, derivatives, and preparations, m. g.                                       |
| 65 218100  | Caffeine, derivatives, and preparations, m. g.  |
| 65 218110  | Caffeine, alkaloid, m. g.   |
| 65 218111  | Natural, m. g.  |
| 65 218112  | Synthetic, m. g.  |
| 65 218120  | Caffeine derivatives, m. g.   |
| 65 2181201 | Caffeine benzoate, m. g.  |
| 65 2181202 | *Caffeine, citrated, m. g.  |
| 65 2181203 | Caffeine hyrobromide, m. g.   |
| 65 2181204 | Caffeine hydrochloride, m. g.   |
| 65 2181205 | Caffeine salicylate, m. g.  |
| 65 2181206 | Caffeine and sodium benzoate, m. g.   |
| 65 2181207 | Caffeine sodium bromide, m. g.  |
| 65 2181208 | Caffeine sodium citrate, m. g.  |
| 65 2181211 | Caffeine sodium iodide, m. g.   |
| 65 2181212 | Caffeine sodium salicylate, m. g.   |
| 65 2181213 | Caffeine tri-iodide, m. g.  |
| 65 2181299 | Caffeine derivatives, m. g., not elsewhere classified                                 |
| 65 218130  | Caffeine and derivatives, for injection, m. g.  |
| 65 218131  | Caffeine and sodium benzoat, injection, m. g.   |
| 65 218139  | Caffeine and derivatives, for injection, m. g., not elsewhere classified              |
| 65 218190  | Caffeine preparations, m. g., not elsewhere classified                                |
| 65 218200  | Theobromine, derivatives and preparations, m. g.                                      |
| 65 218210  | Theobromine, alkaloid, m. g.  |

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.



**DRUGS AND MEDICINES—Continued**

BOTANICAL DERIVATIVES, SYNTHETIC EQUIVALENTS, AND PREPARATIONS

CONTAINING ONE THERAPEUTIC AGENT, m. g.—Continued

*Alkaloids, Their Derivatives, and Preparations, m. g.*—Continued

Xanthines, derivatives, and preparations, m. g.—Continued

Theobromine, derivatives and preparations, m. g.—Continued

Theobromine derivatives, m. g.

65 2182201 Theobromine calcium salicylate, m. g.

65 2182202 Theobromine sodium acetate, m. g.

65 2182203 Theobromine sodium salicylate, m. g.

65 2182299 Theobromine derivatives, m. g., not elsewhere classified

Theobromine preparations, m. g., not elsewhere classified

Theophylline, derivatives, and preparations, m. g.

Theophylline, alkaloid, m. g.

Theophylline derivatives, m. g.

65 2183201 Theophylline calcium salicylate, m. g.

65 2183202 Theophylline sodium acetate, m. g.

65 2183203 Theophylline sodium salicylate, m. g.

65 2183204 Theophylline ethylenediamine, m. g. (Aminophylline, m. g.)

65 2183299 Theophylline derivatives, m. g., not elsewhere classified

Theophylline preparations, m. g., not elsewhere classified

Xanthines, derivatives, and preparations, m. g., not elsewhere classified

Miscellaneous alkaloids, their derivatives, and preparations, m. g.

Aconitine, derivatives, and preparations, m. g.

Aconitine, alkaloid, m. g.

65 2190113 Amorphous, m. g.

65 2190114 \*Crystalline, m. g.

65 2190119 Aconitine, alkaloid, m. g., not elsewhere classified

Aconitine derivatives, m. g.

65 2190121 Aconitine nitrate, m. g.

65 2190129 Aconitine derivatives, m. g., not elsewhere classified

Aconitine preparations, m. g., not elsewhere classified

Arecoline, derivatives, and preparations, m. g.

Arecoline, alkaloid, m. g.

Arecoline derivatives, m. g.

65 2190221 \*Arecoline hydrobromide, m. g.

65 2190229 Arecoline derivatives, m. g., not elsewhere classified

Arecoline preparations, m. g., not elsewhere classified

Berberine, derivatives, and preparations, m. g.

Berberine, alkaloid, m. g.

Berberine, derivatives, m. g.

Berberine preparations, m. g., not elsewhere classified

Colchicine, derivatives, and preparations, m. g.

Colchicine, alkaloid, m. g.

Colchicine derivatives, m. g.

65 2190421 Colchicine, salicylated, m. g.

65 2190422 Colchicine tannate, m. g.

65 2190429 Colchicine derivatives, m. g., not elsewhere classified

Colchicine preparations, m. g., not elsewhere classified

Emetine, derivatives, and preparations, m. g.

Emetine, alkaloid, m. g.

Emetine derivatives, m. g.

65 2190521 Emetine bismuth iodide, m. g.

65 2190522 \*Emetine hydrochloride, m. g.

65 2190529 Emetine derivatives, m. g., not elsewhere classified

Emetine preparations, m. g., not elsewhere classified

65 219059

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.



DRUGS AND MEDICINES—Continued

BOTANICAL DERIVATIVES, SYNTHETIC EQUIVALENTS, AND PREPARATIONS CONTAINING ONE THERAPEUTIC AGENT, m. g.—Continued	
<i>Alkaloids, Their Derivatives, and Preparations, m. g.—Continued</i>	
Miscellaneous alkaloids, their derivatives, and preparations, m. g.—Continued	
65 219060	Ephedrine, derivatives, and preparations, m. g.
65 219061	Ephedrine, alkaloid, m. g.
	65 2190611 Natural, m. g.
	65 2190612 Synthetic, m. g. (1-Phenyl-2-methylami- nopropanol, m. g.)
65 219062	Ephedrine derivatives, m. g.
	65 2190621 *Ephedrine hydrochloride, m. g.
	65 2190622 *Ephedrine sulfate, m. g.
	65 2190629 Ephedrine derivatives, m. g., not else- where classified
65 219069	Ephedrine preparations, m. g., not elsewhere classified
65 219070	Racephedrine, derivatives, and preparations, m. g.
65 219071	Racephedrine, alkaloid, m. g.
65 219072	Racephedrine derivatives, m. g.
	65 2190721 Racephedrine hydrochloride, m. g.
	65 2190722 Racephedrine sulfate, m. g.
	65 2190729 Racephedrine derivatives, m. g., not else- where classified
65 219079	Racephedrine preparations, m. g., not elsewhere classified
65 219080	Hydrastine, derivatives, and preparations, m. g.
65 219081	*Hydrastine, alkaloid, m. g.
65 219082	Hydrastine derivatives, m. g.
65 219089	Hydrastine preparations, m. g., not elsewhere classified
65 219110	Lobeline, derivatives, and preparations, m. g.
65 219111	*Lobeline, alkaloid, m. g.
65 219112	Lobeline derivatives, m. g.
65 219119	Lobeline preparations, m. g., not elsewhere classified
65 219120	Pelletierine, derivatives, and preparations, m. g.
65 219121	*Pelletierine, alkaloid, m. g.
65 219122	Pelletierine derivatives, m. g.
	65 2191221 Pelletierine tannate, m. g.
	65 2191229 Pelletierine derivatives, m. g., not else- where classified
65 219129	Pelletierine preparations, m. g., not elsewhere classified
65 219130	Pilocarpine, derivatives, and preparations, m. g.
65 219131	Pilocarpine, alkaloid, m. g.
65 219132	Pilocarpine derivatives, m. g.
	65 2191321 Pilocarpine borate, m. g.
	65 2191322 *Pilocarpine hydrochloride, m. g.
	65 2191323 *Pilocarpine nitrate, m. g.
	65 2191324 *Pilocarpine salicylate, m. g.
	65 2191325 *Pilocarpine sulfate, m. g.
	65 2191329 Pilocarpine derivatives, m. g., not else- classified
65 219139	Pilocarpine preparations, m. g., not elsewhere classified
65 219140	Propadrine, derivatives, and preparations, m. g. ( <i>α</i> -Hy- droxy- <i>β</i> -aminopropylbenzene, m. g.)
65 219141	Propadrine, alkaloid, m. g.
65 219142	Propadrine derivatives, m. g.
	65 2191421 Propadrine hydrochloride, m. g.
	65 2191429 Propadrine derivatives, m. g., not else- where classified
65 219144	Propadrine and derivatives, in solution, m. g.
65 219149	Propadrine preparations, m. g., not elsewhere classified
65 219150	Sparteine, derivatives, and preparations, m. g.
65 219151	Sparteine, alkaloid, m. g.
65 219152	Sparteine derivatives, m. g.
	65 2191521 Sparteine hydrochloride, m. g.
	65 2191522 Sparteine sulfate, m. g.

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.

DRUGS AND MEDICINES—Continued

BOTANICAL DERIVATIVES, SYNTHETIC EQUIVALENTS, AND PREPARATIONS  
CONTAINING ONE THERAPEUTIC AGENT, m. g.—Continued

*Alkaloids, Their Derivatives, and Preparations, m. g.—Continued*  
Miscellaneous alkaloids, their derivatives, and preparations,  
m. g.—Continued

Sparteine, derivatives, and preparations, m. g.—Continued

Sparteine derivatives, m. g.—Continued

65 2191529 Sparteine derivatives, m. g., not else-  
where classified

65 219159 Sparteine preparations, m. g., not elsewhere classified

65 219160 Yohimbine, derivatives, and preparations, m. g.

65 219161 Yohimbine, alkaloid, m. g.

65 219162 Yohimbine derivatives, m. g.

65 2191621 \*Yohimbine hydrochloride, m. g.

65 2191629 Yohimbine derivatives, m. g., not else-  
where classified

65 219169 Yohimbine preparations, m. g., not elsewhere classified

65 219990 Alkaloids, their derivatives, and preparations, m. g., not  
elsewhere classified

65 220000 *Balsams, Gums, Resins, Oleoresins, and Preparations, m. g.*

65 220100 Acacia, m. g. (Gum arabic, m. g.)

65 220200 Asafetida, m. g.

65 220300 \*Aspidium, oleoresin of, m. g.

65 220400 Balsam of tolu and preparations, m. g.

65 220410 Balsam of tolu, m. g.

65 220470 Balsam, tolu, tincture of, m. g. (Tolu tincture, m. g.)

65 220490 Balsam of tolu preparations, m. g., not elsewhere classified

65 220500 Benzoin and preparations, m. g.

65 220510 Benzoin, m. g.

65 220570 \*Benzoin, tincture of, m. g.

65 220590 Benzoin preparations, m. g., not elsewhere classified

65 220600 \*Capsicum, oleoresin of, m. g.

65 220700 Copaiba, m. g.

65 220800 Cubeb, oleoresin of, m. g.

65 221100 \*Gamboge, m. g.

65 221200 Ginger, oleoresin of, m. g.

65 221300 Guaiac, m. g.

65 221400 Ipomea, resin of, m. g.

65 221500 Jalap, resin of, m. g.

65 221600 Karaya, gum, m. g. (Sterculia gum, m. g.)

65 221700 Manna, m. g.

65 221800 Mastic, m. g.

65 222100 Myrrh and preparations, m. g. (Gum myrrh and preparations,  
m. g.)

65 222110 Myrrh, m. g.

65 222170 Myrrh, tincture of, m. g.

65 222190 Myrrh preparations, m. g., not elsewhere classified

65 222200 Opium, opium processed, and preparations, m. g.

65 222210 Gum opium

65 222220 Opium, processed, m. g.

65 222221 Deodorized, m. g.

65 222222 Granulated, m. g.

65 222223 Powdered, m. g.

65 222229 Opium, processed, m. g., not elsewhere classified

65 222250 Opium, extract of, except fluid extract, m. g.

65 222270 Opium, tincture of, m. g.

65 222290 Opium preparations, m. g., not elsewhere classified

65 222300 Peruvian balsam, m. g.

65 222400 Podophyllum, resin of, m. g.

65 222500 Rosin, m. g. (Colophony, m. g.)

65 222600 Storax, m. g. (Styrax, m. g.)

65 222700 Tragacanth, m. g.

65 229900 Balsams, gums, resins, oleoresins, and preparations, m. g., not  
elsewhere classified

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary  
Code 65-1 is to be used.



**DRUGS AND MEDICINES—Continued**

**BOTANICAL DERIVATIVES, SYNTHETIC EQUIVALENTS, AND PREPARATIONS  
CONTAINING ONE THERAPEUTIC AGENT, m. g.—Continued**

65 230000	<i>Enzymes, Except Derivatives of Animal Organs, m. g.</i>
65 231000	Diastase, except diastase vera, m. g.
65 231100	Diastase of malt, m. g. (Maltin, m. g.)
65 231200	Diastase, taka, m. g. (Koji, m. g.)
65 231900	Diastase, except diastase vera, m. g., not elsewhere classified
65 232000	Papain, m. g.
65 233000	Urease, m. g.
65 239000	Enzymes, except derivatives of animal organs, m. g., not elsewhere classified
65 240000	<i>Neutral Principles, and Preparations, m. g.</i>
65 241000	Principles from aloe, m. g.
65 241100	*Aloin, m. g.
65 241900	Principles from aloe, m. g., not elsewhere classified
65 242000	Principles from digitalis leaf, and preparations, m. g.
65 242100	Digalen, and preparations, m. g.
65 242110	Digalen, m. g.
65 242130	Digalen, solution, injectable, m. g.
65 242140	Digalen, solution, m. g.
65 242190	Digalen preparations, m. g., not elsewhere classified
65 242200	Digifolin, and preparations, m. g.
65 242210	Digifolin, m. g.
65 242230	Digifolin, solution, injectable, m. g.
65 242240	Digifolin, solution, m. g.
65 242290	Digifolin preparations, m. g., not elsewhere classified
65 242300	Digilanid, and preparations, m. g.
65 242310	Digilanid, m. g.
65 242330	Digilanid, solution, injectable, m. g.
65 242340	Digilanid, solution, m. g.
65 242390	Digilanid preparations, m. g., not elsewhere classified
65 242400	Digitaline nativele, and preparations, m. g.
65 242410	Digitaline nativele, m. g.
65 242440	Digitaline nativele, solution, m. g.
65 242490	Digitaline nativele preparations, m. g., not elsewhere classified
65 242500	Gitalin, and preparations, m. g.
65 242510	Gitalin, m. g.
65 242590	Gitalin preparations, m. g., not elsewhere classified
65 242900	Principles from digitalis leaf, and preparations, m. g., not elsewhere classified
65 243000	Principles from digitalis seed, and preparations, m. g.
65 243100	Digitalin "German", and preparations, m. g.
65 243110	Digitalin "German", m. g.
65 243190	Digitalin "German", preparations, m. g., not elsewhere classified
65 243900	Principles from digitalis seed, and preparations, m. g., not elsewhere classified
65 244000	Principles from santonica, and preparations, m. g.
65 244100	*Santonin, and preparations, m. g.
65 244110	*Santonin, m. g.
65 244190	*Santonin preparations, m. g., not elsewhere classified
65 244900	Principles from santonica, and preparations, m. g., not elsewhere classified
65 245000	Principles from squill, and preparations, m. g.
65 245100	Scillaren—B (Glucosidum e scilla soluble), and preparations, m. g.
65 245110	Scillaren—B (Glucosidum e scilla soluble), m. g.
65 245130	Scillaren—B, solution, injectable, m. g.
65 245190	Scillaren—B (Glucosidum e scilla soluble) preparations, m. g., not elsewhere classified
65 245200	Scillaren (Glucosidum e scilla totum), and preparations, m. g.
65 245210	Scillaren (Glucosidum e scilla totum), m. g.
65 245240	Scillaren, solution, m. g.

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.



DRUGS AND MEDICINES—Continued

BOTANICAL DERIVATIVES, SYNTHETIC EQUIVALENTS, AND PREPARATIONS  
CONTAINING ONE THERAPEUTIC AGENT, m. g.—Continued

*Neutral Principles, and Preparations, m. g.—Continued*

Principles from squill, and preparations, m. g.—Continued

Scillaren (Glucosodium e scilla totum), and preparations,  
m. g.—Continued  
Scillaren (Glucosidum e scilla totum) preparations, m. g.,  
not elsewhere classified

65 245290

Urginin, m. g.

65 245300

65 245900

Principles from squill, and preparations, m. g., not elsewhere  
classified

65 246000

Principles from Strophanthus Kombe, Strophanthus Gratus,  
and Acokanthera Ouabaio, and preparations, m. g.

65 246100

Ouabain, and preparations (G-Strophanthin, and prepara-  
tions, m. g.)

65 246110

Ouabain, crystallized, m. g.

65 246140

Ouabain, solution, m. g.

65 246190

Ouabain preparations, m. g., not elsewhere classified

65 246200

\*Strophanthin, m. g.

65 246900

Principles from Strophanthus Kombe, Strophanthus Gratus,  
and Acokanthera Ouabaio, and preparations, m. g., not  
elsewhere classified

65 249000

Miscellaneous neutral principles, and preparations, m. g.

65 249010

Aesculin, m. g.

65 249020

Azolitmin, m. g.

65 249030

\*Chrysarobin, m. g.

65 249040

Emodin, m. g.

65 249050

Inulin, m. g.

65 249060

Picrotoxin, m. g.

65 249070

Salicin, m. g.

65 249990

Neutral principles, and preparations, m. g., not elsewhere  
classified

65 250000

*Oils, Botanical, Derivatives, and Preparations, Except Iodized  
and Essential Oils, m. g.*

65 250100

\*Castor oil, m. g.

65 250200

Chaulmoogra oil, derivatives, and preparations, m. g.

65 250210

Chaulmoogra oil, m. g.

65 250220

Chaulmoogra oil, derivatives, m. g.

65 250221

Ethyl chaulmoograte, m. g.

65 250229

Chaulmoogra oil, derivatives, m. g., not elsewhere classified

65 250290

Chaulmoogra oil preparations, m. g., not elsewhere classified

65 250300

\*Cottonseed oil, m. g.

65 250400

Corn oil, m. g.

65 250500

\*Linseed oil, m. g.

65 250600

Mustard oil, m. g.

65 250601

Natural, m. g.

65 250602

Synthetic, m. g. (Allyl isothiocyanate, m. g.)

65 250700

Olive oil, m. g.

65 250800

Theobroma oil, m. g.

65 259900

Oils, botanical, derivatives, and preparations, except iodized  
and essential oils, m. g., not elsewhere classified

65 260000

*Mycologic and Biologic Extracts, m. g.*

65 260100

Gramicidin, m. g.

65 260200

Penicillin, m. g.

65 260300

Tyrocidine, m. g.

65 260400

Tyrothricin, m. g.

65 269900

Mycologic and biologic extracts, m. g., not elsewhere classified

65 290000

*Miscellaneous Botanical Derivatives, Synthetic Equivalents, and  
Preparations Containing One Therapeutic Agent, m. g.*

65 290100

Adonite, m. g. (Adonitol, m. g.)

65 290200

Arabinose, m. g. (Pectinose, m. g.)

65 290300

Camphor, derivatives, and preparations, m. g.

65 290310

\*Camphor, m. g.

65 290311

Natural, m. g.

65 290312

Synthetic, m. g.

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary  
Code 65-1 is to be used.

# DRUGS AND MEDICINES—Continued

BOTANICAL DERIVATIVES, SYNTHETIC EQUIVALENTS, AND PREPARATIONS  
CONTAINING ONE THERAPEUTIC AGENT. m. g.—Continued  
*Miscellaneous Botanical Derivatives, Synthetic Equivalents, and  
Preparations Containing One Therapeutic Agent, m. g.—Con.*

65 290320	Camphor derivatives, m. g.
65 290321	Bromocamphor, m. g. (Camphor monobromated, m. g.)
65 290329	Camphor derivatives, m. g., not elsewhere classified
65 290340	*Camphor liniment, m. g. (Camphorated oil, m. g.)
65 290390	Camphor preparations, m. g., not elsewhere classified
65 290400	Coumarin, m. g.
65 290500	Creosote (Wood creosote), derivatives, and preparations, m. g.
65 290510	*Creosote, m. g.
65 290520	Creosote derivatives, m. g.
65 290521	*Creosote benzoate, m. g.
65 290522	*Creosote carbonate, m. g.
65 290523	*Creosote guaiacol sulfonate, m. g.
65 290529	Creosote derivatives, m. g., not elsewhere classified
65 290590	Creosote preparations, m. g., not elsewhere classified
65 290600	Curare, m. g.
65 290700	Dextrin, m. g.
65 290800	Dextrose, dextrose processed, and preparations, m. g.
65 290810	*Dextrose, m. g. (d-Glucose, m. g.)
65 290820	Dextrose processed, m. g.
65 290821	Dextrose anhydrous powder, bacteriological, m. g.
65 290829	Dextrose processed, m. g., not elsewhere classified
65 290840	Dextrose, solution in water, m. g.
	65 2908401 Dextrose solution, 10%, in sterile water, m. g.
	65 2908499 Dextrose, solution in water, m. g., not elsewhere classified
65 290890	Dextrose preparations, m. g., not elsewhere classified
65 291100	Dulcitol, m. g.
65 291200	Eucalyptol, m. g.
65 291300	Eugeneol, m. g. (4-Allyl-2-methoxyphenol, m. g.)
65 291400	Guaiacol, derivatives, and preparations, except alkaloidal, cacydylate and salicylate, m. g.
65 291410	*Guaiacol, m. g.
65 291420	Guaiacol derivatives, m. g.
65 291421	*Guaiacol benzoate, m. g.
65 291422	*Guaiacol carbonate, m. g.
65 291423	*Potassium guaiacol sulfonate, m. g.
65 291429	Guaiacol derivatives, m. g., not elsewhere classified
65 291490	Guaiacol preparations, except alkaloidal, cacydylate and salicylate, m. g., not elsewhere classified
65 291500	Levulose, m. g. (d-Fructose, m. g.)
65 291600	Litmus, m. g.
65 291700	Mannitol, mannitol processed, derivatives, and preparations, m. g.
65 291710	Mannitol, m. g. (d-Mannite, m. g.)
65 291720	Mannitol processed, and derivatives, m. g.
65 291721	Mannitol, bacteriological, m. g.
65 291722	Mannitol hexanitate, m. g.
65 291729	Mannitol processed, and derivatives, m. g., not elsewhere classified
65 291790	Mannitol preparations, m. g., not elsewhere classified
65 291800	Menthol, derivatives, and preparations, except salicylates, m. g.
65 291810	*Menthol, m. g.
65 291811	*Natural, m. g.
65 291812	*Synthetic, m. g.
65 291820	Menthol derivatives, m. g.
65 291821	Menthyl borate, m. g. (Estoral, m. g.)
65 291822	Menthyl ethylglycollate, m. g. (Coryfin, m. g.)
65 291823	Menthyl valerate, m. g. (Validol, m. g.)
65 291829	Menthol derivatives, m. g., not elsewhere classified

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.



# DRUGS AND MEDICINES—Continued

## BOTANICAL DERIVATIVES, SYNTHETIC EQUIVALENTS, AND PREPARATIONS CONTAINING ONE THERAPEUTIC AGENT, m. g.—Continued

### Miscellaneous Botanical Derivatives, Synthetic Equivalents, and Preparations Containing One Therapeutic Agent, m. g.—Con. Menthol, derivatives, and preparations, except salicylates, m. g.—Continued

65 291890 Menthol preparations, except salicylates, m. g., not else-  
where classified

65 292100 Pine tar, m. g.

65 292200 Pyroxylin, m. g.

65 292300 Raffinose, m. g.

65 292400 d-Sorbitol, m. g. (d-Sorbite, m. g.)

65 292500 \*Sucrose, m. g.

65 292600 d-Xylose, bacteriological, m. g.

65 299900 Botanical derivatives, synthetic equivalents, and preparations  
containing one therapeutic agent, m. g., not elsewhere  
classified.

65 300000 BOTANICAL DRUGS, INCLUDING EXTRACTS AND TINCTURES, m. g.\*<sup>2</sup>

### Barks and Stems, Except Root Barks, Tubers and Rhizomes, m. g.

65 310100 Cactus grandiflorus, stem, m. g.

65 310200 Cascara sagrada, bark, and preparations, m. g.

65 310210 Bark, m. g.

65 310250 \*Extract of, except fluid extract, m. g.

65 310260 Fluid extract of, m. g.

65 310290 Cascara sagrada (bark) preparations, m. g., not elsewhere  
classified

65 310300 Cinchona bark, and preparations, m. g. (Peruvian bark and  
preparations, m. g.)

65 310310 Bark, m. g.

65 310360 Fluid extract of, m. g.

65 310370 Tincture of, and compound tincture of, m. g.

65 310390 Cinchona bark preparations, m. g., not elsewhere classified

65 310400 Cinnamon bark, m. g.

65 310500 Colchicum corm, m. g.

65 310600 Condurango bark, m. g.

65 310700 Red saunders, heartwood, m. g.

65 310800 Wild cherry bark, m. g. (Wild black cherry bark, m. g.)

65 319900 Barks and stems, except root barks, tubers and rhizomes, m. g.,  
not elsewhere classified

65 320000 Flowers and Flower Parts, m. g.

65 320100 Arnica, dried flower head, m. g.

65 320200 Calendula, dried ligulate floret, m. g.

65 320300 \*Cannabis, dried flowering top, and preparations, m. g.  
(Marihuana, dried flowering top, and preparations, m. g.)

65 320310 Dried flowering top, m. g.

65 320350 Extract of, except fluid extract, m. g.

65 320360 Fluid extract of, m. g.

65 320390 Cannabis (dried flowering top) preparations, m. g., not else-  
where classified

65 320400 Chamomile, dried flower head, m. g.

65 320500 Clove, dried flower bud, m. g. (Cloves, m. g.)

65 320600 Crocus, dried stigma, m. g.

65 320700 \*Santonica, dried unexpanded flower head, m. g. (Levant worm-  
seed, m. g.)

65 320900 Flowers and flower parts, m. g., not elsewhere classified

65 330000 Fruits and Fruit Parts, m. g.

65 330100 \*Anise, dried ripe fruit, m. g.

65 330200 \*Capsicum, dried ripe fruit, m. g.

65 330300 Caraway, dried ripe fruit, m. g.

65 330400 Celery fruit, m. g. (Celery seed, m. g.)

65 330500 Coccus, dried fruit, m. g.

65 330600 \*Colocynth, dried pulp of fruit, and preparations, m. g.

65 330610 Dried pulp of fruit, m. g.

65 330650 Extract of, except fluid extract, m. g.

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary  
Code 65-1 is to be used.

<sup>2</sup> Use Supplementary Code 65-2 on page 535.



DRUGS AND MEDICINES—Continued

BOTANICAL DRUGS, INCLUDING EXTRACTS AND TINCTURES, m. g.—Con.

*Fruits and Fruit Parts, m. g.—Continued*

\*Colocynth, dried pulp of fruit, and preparations, m. g.—Con.

- 65 330690 Colocynth (dried pulp of fruit) preparations, m. g., not elsewhere classified
- 65 330700 Coriander, dried fruit, m. g.
- 65 330800 Cubeb, dried unripe fruit, m. g.
- 65 331100 Lemon peel, m. g.
- 65 339900 Fruits and fruit parts, m. g., not elsewhere classified
- 65 340000 *Juices, m. g.*
- 65 340100 Aloe, dried juice, and preparations, m. g. (Aloes, m. g.)
- 65 340110 Dried juice, m. g.
- 65 340150 Dried juice, extract of, except fluid extract, m. g.
- 65 340190 Aloe (dried juice) preparations, m. g., not elsewhere classified
- 65 340200 Gambir, dried aqueous extract of leaf, m. g.
- 65 340300 Kino, m. g.
- 65 349900 Juices, m. g., not elsewhere classified
- 65 350000 *Leaves, m. g.*
- 65 350100 \*Belladonna leaf and preparations, m. g.
- 65 350110 \*Belladonna leaf, m. g.
- 65 350150 \*Belladonna leaf, solid, pilular and powdered extract of, m. g.
- 65 350160 \*Belladonna leaf, fluid extract of, m. g.
- 65 350170 \*Belladonna leaf, tincture of, m. g.
- 65 350190 \*Belladonna leaf preparations, m. g., not elsewhere classified
- 65 350200 Boldo, dried leaf, m. g.
- 65 350300 Buchu, dried leaf, m. g.
- 65 350400 Castanea, dried leaf, m. g.
- 65 350500 Cataria, dried leaf and flowering top, m. g.
- 65 350600 Chimaphila, dried leaf, m. g.
- 65 350700 Damiana, dried leaf, m. g.
- 65 350800 Digitalis leaf, and preparations, m. g.
- 65 350810 Digitalis leaf, m. g.
- 65 350820 \*Digitalis leaf, processed, m. g.
- 65 350821 \*Digitalis leaf, powdered, m. g.
- 65 350829 \*Digitalis leaf, processed, m. g., not elsewhere classified
- 65 350860 \*Digitalis leaf, fluid extract of, m. g.
- 65 350870 \*Digitalis leaf, tincture of, m. g.
- 65 350890 Digitalis leaf preparations, m. g., not elsewhere classified
- 65 351100 Eriodictyon, dried leaf, and preparations, m. g. (Yerba santa, dried leaf, m. g.)
- 65 351110 Dried leaf, m. g.
- 65 351160 Fluid extract of, m. g.
- 65 351190 Eriodictyon (dried leaf) preparations, m. g., not elsewhere classified
- 65 351200 Eupatorium, dried leaf and flowering top, m. g.
- 65 351300 Hyoscyamus, dried leaf with or without flowering top, and preparations, m. g. (Henbane, dried leaf with or without flowering top, and preparations, m. g.)
- 65 351310 Dried leaf with or without flowering top, m. g.
- 65 351350 \*Solid, pilular, and powdered extract of, m. g.
- 65 351360 \*Fluid extract of, m. g.
- 65 351370 \*Tincture of, m. g.
- 65 351390 Hyoscyamus (dried leaf with or without flowering top) preparations, m. g., not elsewhere classified
- 65 351400 Peppermint, dried leaf and flowering top, m. g.
- 65 351500 Pilocarpus, leaflet of, m. g. (Jaborandi, m. g.)
- 65 351600 Senna, dried leaflet, and preparations, m. g.
- 65 351610 Dried leaflet, m. g.
- 65 351660 Fluid extract of, m. g.
- 65 351690 Senna (dried leaflet) preparations, m. g., not elsewhere classified
- 65 351800 Spearmint, dried leaf and flowering top, m. g.

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.

DRUGS AND MEDICINES—Continued

BOTANICAL DRUGS, INCLUDING EXTRACTS AND TINCTURES, m. g.—Con.

*Leaves, m. g.*—Continued

- 65 352100 Stramonium, dried leaf and flowering top, and preparations, m. g.
- 65 352110 Dried leaf and flowering top, m. g.
- 65 352150 \*Extract of, except fluid extract, m. g.
- 65 352160 \*Fluid extract of, m. g.
- 65 325170 \*Tincture of, m. g.
- 65 325190 Stramonium (dried leaf and flowering top) preparations, m. g., not elsewhere classified
- 65 359900 Leaves, m. g., not elsewhere classified
- 65 360000 *Roots, Rhizomes and Tubers, m. g.*
- 65 360100 Aconite, dried tuberous root, and preparations, m. g.
- 65 360110 Dried tuberous root, m. g.
- 65 360160 \*Fluid extract of, m. g.
- 65 360170 \*Tincture of, m. g.
- 65 360190 Aconite (dried tuberous root) preparations, m. g., not elsewhere classified
- 65 360200 Adonis vernalis, dried underground portions, m. g.
- 65 360300 Althea, dried root, m. g. (Marsh Mallow root, m. g.)
- 65 360400 Apocynum, dried rhizome and root, m. g.
- 65 360500 Aralia, dried rhizome and root, m. g.
- 65 360600 Asarum, dried rhizome and root, m. g.
- 65 360700 Aspidium, rhizome and stipes, m. g.
- 65 360800 Belladonna root, and preparations, m. g.
- 65 360810 Belladonna root, m. g.
- 65 360860 \*Belladonna root, fluid extract of, m. g.
- 65 360890 Belladonna root preparations, m. g., not elsewhere classified
- 65 361100 Berberis, dried rhizome and root, m. g.
- 65 361200 Bryonia, dried root, m. g.
- 65 361300 Calamus, dried rhizome, m. g.
- 65 361400 Calumba, dried root, m. g.
- 65 361500 Caulophyllum, dried rhizome and root, m. g.
- 65 361600 Chionanthus, dried root bark, m. g.
- 65 361700 Cimicifuga, dried rhizome and root, m. g.
- 65 361800 Convallaria, dried rhizome and root, m. g.
- 65 362100 Corydalis, dried tuber, m. g.
- 65 362200 Dioscorea, dried rhizome, m. g.
- 65 362300 Echinacea, dried rhizome and root, m. g.
- 65 362400 Euonymus, dried root bark, m. g.
- 65 362500 Gentian, dried rhizome and root, and preparations, m. g.
- 65 362510 Dried rhizome and root, m. g.
- 65 362560 Fluid extract of, m. g.
- 65 362570 Tincture and compound tincture of, m. g.
- 65 362590 Gentian (dried rhizome and root) preparations, m. g., not elsewhere classified
- 65 362600 Ginger, dried rhizome, and preparations, m. g.
- 65 362610 Dried rhizome, m. g.
- 65 362660 Fluid extract of, m. g.
- 65 362690 Ginger (dried rhizome) preparations, m. g., not elsewhere classified
- 65 362700 Glycyrrhiza, dried rhizome and root, and preparations, m. g., (Licorice root, and preparations, m. g.)
- 65 362710 Dried rhizome and root, m. g.
- 65 362750 \*Extract of, except fluid extract, m. g. (Extract of licorice root, licorice, m. g.)
- 65 362760 Fluid extract of, m. g. (Fluid extract of licorice root, m. g.)
- 65 362790 Glycyrrhiza (dried rhizome and root) preparations, m. g. (Licorice root preparations m. g.), not elsewhere classified
- 65 362800 Ipecac, dried rhizome and root, and preparations, m. g.
- 65 362810 Dried rhizome and root, m. g.
- 65 362860 \*Fluid extract of, m. g.
- 65 362870 \*Tincture of, m. g.
- 65 362890 Ipecac (dried rhizome and root) preparations, m. g., not elsewhere classified

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.



**DRUGS AND MEDICINES—Continued**

**BOTANICAL DRUGS, INCLUDING EXTRACTS AND TINCTURES, m. g.—Con.**

*Roots, Rhizomes and Tubers, m. g.—Continued*

65 363100	Jalap, dried tuberous root, and preparations, m. g.
65 363110	Dried tuberous root, m. g.
65 363160	Fluid extract of, m. g.
65 363170	Tincture of, m. g.
65 363190	Jalap (dried tuberous root) preparations, m. g., not elsewhere classified
65 363200	Rhubarb, dried rhizome and root, and preparations, m. g.
65 363210	Dried rhizome and root, m. g.
65 363250	Powdered extract of, m. g.
65 363260	Fluid extract of, m. g.
65 363290	Rhubarb (dried rhizome and root) preparations, m. g., not elsewhere classified
65 363300	Sarsaparilla, dried root, and preparations, m. g.
65 363310	Dried root, m. g.
65 363360	Fluid extract of, m. g.
65 363390	Sarsaparilla (dried root) preparations, m. g., not elsewhere classified
65 369900	Roots and rhizomes, m. g., not elsewhere classified
65 370000	<i>Seeds and Seed Parts, m. g.</i>
65 370100	*Areca, dried ripe seed, m. g. (Betel nuts, m. g.)
65 370200	Avena, grain of, m. g. (Oats, m. g.)
65 370300	Black mustard, dried ripe seed, m. g.
65 370400	Cacao, powder, from roasted, cured kernel of ripe seed, m. g.
65 370500	Cardamom, dried ripe seed, and preparations, m. g.
65 370510	Dried ripe seed, m. g.
65 370570	Tincture and compound tincture of, m. g.
65 370590	Cardamom (dried ripe seed) preparations, m. g., not elsewhere classified
65 370600	Colchicum, dried ripe seed, and preparations, m. g.
65 370610	Colchicum seed, m. g.
65 370660	Colchicum seed, fluid extract of, m. g.
65 370670	Colchicum seed, tincture of, m. g.
65 370690	Colchicum (dried ripe seed) preparations, m. g., not elsewhere classified
65 370800	Digitalis, seed, m. g.
65 371100	Larkspur, dried ripe seed, m. g.
65 371200	Linseed, m. g.
65 371300	Myristica, dried ripe seed, m. g. (Nutmeg, m. g.)
65 371400	Nux vomica, dried ripe seed, and preparations, m. g.
65 371410	Dried ripe seed, m. g.
65 371450	*Extract of, except fluid extract, m. g.
65 371460	Fluid extract of, m. g.
65 371470	*Tincture of, m. g.
65 371490	Nux vomica (dried ripe seed) preparations, m. g., not elsewhere classified
65 371500	Physosostigma, dried ripe seed, m. g. (Calabar bean, m. g.)
65 371600	Psyllium seed, m. g.
65 371700	Rice polishings, and preparations, m. g., (Rice bran, and preparations, m. g.) (Tikitiki, and preparations, m. g.)
65 371710	Rice polishings, m. g. (Rice bran, m. g.) (Tikitiki, m. g.)
65 371750	Extract of, m. g. (Extract of rice bran, m. g.) (Extract of tikitiki, m. g.)
65 371790	Rice polishings, preparations of, m. g., not elsewhere classified
65 371800	Starch, m. g. (Corn starch, m. g.)
65 379900	Seeds and seed parts, m. g., not elsewhere classified
65 390000	<i>Miscellaneous Botanical Drugs, Including Extracts and Tinctures, m. g.</i>
65 390100	Agar, and agar culture media, m. g. (Agar-agar, and agar-agar culture media, m. g.)
65 390110	Agar, m. g.

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.



DRUGS AND MEDICINES—Continued

BOTANICAL DRUGS, INCLUDING EXTRACTS AND TINCTURES, m. g.—Con.  
*Miscellaneous Botanical Drugs, Including Extracts and Tinctures,*  
 m. g.—Continued

Agar, and agar culture media, m. g.—Continued

- 65 390120 Agar culture media, bacteriological, m. g.  
     65 3901201 Blood agar base, m. g.  
     65 3901202 Bismuth sulfite agar, m. g.  
     65 3901203 Citrate agar, m. g.  
     65 3901204 Dextrose agar, m. g.  
     65 3901205 Dextrose proteose agar, m. g.  
     65 3901206 Eosin methylene blue agar, m. g.  
     65 3901207 Iron agar, m. g.  
     65 3901208 Phenol red tartrate agar, m. g.  
     65 3901211 S S Agar, m. g.  
     65 3901299 Agar culture media, bacteriological, m. g.,  
         not elsewhere classified
- 65 390200 Chondrus, dried, bleached plant, m. g. (Irish moss, m. g.)
- 65 390300 Ergot and preparations, m. g.  
     65 390310 Ergot, m. g.  
     65 390350 Ergot, extract of, m. g.  
     65 390360 Ergot, fluid extract of, m. g.  
     65 390390 Ergot preparations, m. g., not elsewhere classified
- 65 390400 Lycopodium spores, m. g.
- 65 390500 Nutgall, m. g.  
     65 390501 Nutgall, Aleppo, Turkey, or Mecca-Galls, m. g.  
     65 390502 Nutgall, Chinese, m. g.  
     65 390599 Nutgall, m. g., not elsewhere classified
- 65 390600 Squill, white, inner bulb scales, and preparations, m. g.  
     65 390610 Squill, white, inner bulb scales, m. g.  
     65 390660 Squill, white, fluid extract of, m. g.  
     65 390690 Squill, white, (inner bulb scales) preparations, m. g., not else-  
         where classified
- 65 399900 Botanical drugs, including extracts and tinctures, m. g., not  
     elsewhere classified

DRUGS OF ANIMAL ORIGIN, SYNTHETIC EQUIVALENTS, AND PREPARA-  
 TIONS CONTAINING ONE THERAPEUTIC AGENT, m. g.\*.<sup>2</sup>

- 65 410000 *Adrenal Derivatives, and Preparations, m. g.*  
     65 410100 Corticosterone, m. g.  
     65 410200 Dehydrocorticosterone, m. g.  
     65 410300 Desoxycorticosterone, derivatives, and preparations, m. g.  
         Desoxycorticosterone, m. g.  
         Desoxycorticosterone derivatives, m. g.  
         Desoxycorticosterone acetate, m. g.  
     65 410321 Desoxycorticosterone derivatives, m. g., not elsewhere  
         classified  
     65 410390 Desoxycorticosterone preparations, m. g., not elsewhere  
         classified
- 65 410400 Epinephrine, derivatives, and preparations, m. g. (3,4-Dihy-  
     droxy- $\alpha$ -(methylaminomethyl)benzyl alcohol, derivatives,  
     and preparations, m. g.), (Adrenalin, derivatives, and  
     preparations, m. g.)
- 65 410410 \*Epinephrine, m. g.  
     65 410420 Epinephrine derivatives, m. g.  
         65 410421 Epinephrine bitartrate, m. g.  
         65 410422 Epinephrine hydrochloride, m. g.  
         65 410429 Epinephrine derivatives, m. g., not elsewhere classified
- 65 410430 Epinephrine and derivatives for injection, m. g.  
     65 410431 Epinephrine bitartrate for injection, m. g.  
     65 410432 Epinephrine hydrochloride for injection, m. g.  
     65 410439 Epinephrine and derivatives for injection, m. g., not else-  
         where classified

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.

<sup>2</sup> Use Supplementary Code 65-2 on page 535.

DRUGS AND MEDICINES—Continued

DRUGS OF ANIMAL ORIGIN, SYNTHETIC EQUIVALENTS, AND PREPARATIONS CONTAINING ONE THERAPEUTIC AGENT, m. g.—Continued  
*Adrenal Derivatives, and Preparations, m. g.*—Continued

- Epinephrine, derivatives, and preparations, m. g.—Continued
- 65 410440 Epinephrine and derivatives, solutions, and suspensions, m. g.
  - 65 410441 Epinephrine in oil, m. g.
  - 65 410442 Epinephrine bitartrate, solution, m. g.
  - 65 410443 Epinephrine hydrochloride, solution, m. g.
  - 65 410449 Epinephrine and derivatives, solutions and suspensions, m. g., not elsewhere classified
  - 65 410490 Epinephrine preparations, m. g., not elsewhere classified
  - 65 419900 Adrenal derivatives, and preparations, m. g., not elsewhere classified
  - 65 420000 *Blood, Brain, Heart, Lung, and Stomach Derivatives, and Preparations, m. g.*
  - 65 421000 Blood, brain, heart, and lung derivatives, and preparations, m. g.
  - 65 421100 Brain, heart infusion, m. g.
  - 65 421200 Fibrin ferments, m. g.
  - 65 421300 Hemoglobin, bacteriological, m. g.
  - 65 421400 Thromboplastic substances, m. g.
  - 65 421900 Blood, brain, heart, and lung derivatives, and preparations, m. g., not elsewhere classified
  - 65 422000 Stomach derivatives, and preparations, m. g.
  - 65 422100 Gastric mucin, m. g.
  - 65 422200 Pepsin, m. g.
  - 65 422300 Rennin, m. g.
  - 65 422400 Stomach, dry, powdered, m. g.
  - 65 422900 Stomach derivatives, and preparations, m. g., not elsewhere classified
  - 65 430000 *Gall Bladder, Liver, and Pancreas Derivatives, and Preparations, m. g.*
  - 65 431000 Gall bladder derivatives, and preparations, m. g.
  - 65 431100 Ox bile, ox bile processed, and preparations, m. g.
  - 65 431110 Ox bile, m. g.
  - 65 431120 Ox bile, processed, m. g.
  - 65 431121 Bile, bacteriological, m. g.
  - 65 431122 Bile salts, m. g.
  - 65 431129 Ox bile, processed, m. g., not elsewhere classified
  - 65 431150 Ox bile, extract of, m. g. (Gall, powdered extract of, m. g.)
  - 65 431190 Ox bile preparations, m. g., not elsewhere classified
  - 65 431900 Gall bladder derivatives, and preparations, m. g., not elsewhere classified
  - 65 432000 Liver preparations, m. g.
  - 65 432030 \*Liver injection, m. g. (Liver extract for parenteral use, m. g.)
  - 65 432040 \*Liver, solution of, m. g. (Liquid extract of liver, m. g.)
  - 65 432050 Liver, extract of, m. g. (Dry liver extract, m. g.)
  - 65 432990 Liver preparations, m. g., not elsewhere classified
  - 65 433000 Pancreas derivatives, and preparations, m. g.
  - 65 433100 Amylopsin, m. g.
  - 65 433200 Diastase vera, m. g.
  - 65 433300 Insulin, and preparations, m. g.
  - 65 433310 Zinc insulin, crystalline, reference standard, m. g.
  - 65 433330 Insulin, liquid preparations for parenteral use, m. g.
  - 65 433331 Insulin injection, m. g. (Insulin, m. g.) (Insulin hydrochloride, m. g.)
  - 65 433332 Protamine zinc insulin, for injection, m. g.
  - 65 433339 Insulin, liquid preparations for parenteral use, m. g., not elsewhere classified
  - 65 433380 Insulin, dry preparations for parenteral use, m. g.
  - 65 433390 Insulin preparations, m. g., not elsewhere classified
  - 65 433400 Pancreatin, m. g.

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.



**DRUGS AND MEDICINES—Continued**

**DRUGS OF ANIMAL ORIGIN, SYNTHETIC EQUIVALENTS, AND PREPARATIONS CONTAINING ONE THERAPEUTIC AGENT, m. g.—Continued**  
*Gall Bladder, Liver, and Pancreas Derivatives, and Preparations, m. g.—Continued.*

- Pancreas derivatives, and preparations, m. g.—Continued  
 Trypsin, m. g.  
 Pancreas derivatives, and preparations, m. g., not elsewhere classified
- Pituitary Gland, Derivatives, and Preparations, m. g.*  
 \*Anterior pituitary gland, derivatives, and preparations, m. g.  
 Anterior pituitary gland, dried, m. g.  
 Anterior pituitary derivatives, m. g.  
 Follicle-stimulating hormone, m. g. (F. S. H., m. g.)  
 Luteinizing hormone, m. g. (L. H., m. g.)  
 Growth hormone, m. g.  
 Anterior pituitary derivatives, m. g., not elsewhere classified
- Anterior pituitary gland preparations, m. g., not elsewhere classified
- \*Posterior pituitary gland, derivatives, and preparations, m. g.  
 Posterior pituitary gland, dried, m. g.  
 Posterior pituitary derivatives, m. g.  
 Pitocin, m. g.  
 Pitressin, m. g.  
 Posterior pituitary derivatives, m. g., not elsewhere classified
- Posterior pituitary injection, m. g. (Solution of posterior pituitary, m. g.) (Solution of pituitary, m. g.)
- Posterior pituitary gland preparations, m. g., not elsewhere classified
- Whole pituitary gland, derivatives, and preparations, m. g.  
 Pituitary gland, derivatives, and preparations, m. g., not elsewhere classified
- Female Sex Hormones, Derivatives, and Preparations, m. g.*  
 Corpus luteum, dried, m. g.  
 Diethylstilbestrol, m. g. (Stilbestrol, m. g.)  
 Equilenin, m. g.  
 Equilin, m. g.  
 Estradiol, derivatives, and preparations, m. g. (Dihydroestrone, derivatives, and preparations, m. g.)  
 Estradiol, m. g.  
 Estradiol derivatives  
 Estradiol benzoate, m. g. (Dihydroestrone monobenzoate, m. g.)  
 Estradiol dibenzoate, m. g.  
 Estradiol derivatives, m. g., not elsewhere classified  
 Estradiol preparations, m. g., not elsewhere classified
- Estrinol, m. g.  
 Estrone, m. g. (Ketohydroxyestrin, m. g.)  
 Mammary substance, m. g.  
 Ovary, m. g.  
 Ovarian residue, m. g.  
 Placental gonadotropic substances, m. g.  
 Pregnanediol, m. g.  
 \*Pregnant mare serum, m. g.  
 Progesterone, m. g.  
 Female sex hormones, derivatives, and preparations, m. g., not elsewhere classified
- Male Sex Hormones, Derivatives, and Preparations, m. g.*  
 Androsterone, m. g. (3-cis-hydroxy-17-keto-androstane, m. g.)  
 Dehydroisandrosterone, m. g.  
 Androstenediol, m. g.  
 Testicular substance, dessicated, m. g.  
 Testosterone, derivatives, and preparations, m. g.  
 Testosterone, m. g.

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.



DRUGS AND MEDICINES—Continued

DRUGS OF ANIMAL ORIGIN, SYNTHETIC EQUIVALENTS, AND PREPARATIONS CONTAINING ONE THERAPEUTIC AGENT, m. g.—Continued  
*Male Sex Hormones, Derivatives, and Preparations, m. g.—Con.*

	Testosterone, derivatives, and preparations, m. g.—Continued
65 460520	Testosterone derivatives, m. g.
65 460521	Methyltestosterone, m. g.
65 460522	Methyltestosterone propionate, m. g.
65 460523	Testosterone acetate, m. g.
65 460524	Testosterone propionate, m. g.
65 460529	Testosterone derivatives, m. g., not elsewhere classified
65 460590	Testosterone preparations, m. g., not elsewhere classified
65 469900	Male sex hormones, derivatives, and preparations, m. g., not elsewhere classified
65 470000	<i>Parathyroid and Thyroid Glands, Derivatives, and Preparations, m. g.</i>
65 471000	Parathyroid, derivatives, and preparations, m. g.
65 471010	Parathyroid gland, excised, m. g.
65 471030	Parathyroid injection, m. g. (Solution of parathyroid, m. g.) (Parathyroid extract, m. g.)
65 471990	Parathyroid preparations, m. g., not elsewhere classified
65 472000	Thyroid, derivatives, and preparations, m. g.
65 472010	Thyroid, dried gland, m. g.
65 472020	Thyroid derivatives, m. g.
65 472021	Thyroxin, m. g.
65 472029	Thyroid derivatives, m. g., not elsewhere classified
65 472990	Thyroid preparations, m. g., not elsewhere classified
65 480000	<i>Oils and Fats, Animal, Except Wool Fat, m. g.</i>
65 481000	Marine liver oils, derivatives, and preparations, except marine liver oil concentrates in solution, m. g.
65 481100	Burbot liver oil, m. g.
65 4811001	Not less than 4,480 U. S. P. units of vitamin A, and 640 U. S. P. units of vitamin D per gram, m. g.
65 4811099	Burbot liver oil, m. g., not elsewhere classified
65 481200	Cod liver oil, derivatives, and preparations, m. g.
65 481210	*Cod liver oil and non-destearinated cod liver oil, m. g.
65 481211	*Cod liver oil m. g.
65 4812111	Not less than 850 U. S. P. units of vitamin A, and 85 U. S. P. units of vitamin D per gram, m. g.
65 4812119	Cod liver oil, m. g., not elsewhere classified
65 481212	*Non-destearinated cod liver oil, m. g.
65 4812121	Not less than 850 U. S. P. units of vitamin A, and 85 U. S. P. units of vitamin D per gram, m. g.
65 4812129	Non-destearinated cod liver oil, m. g., not elsewhere classified
65 481220	Cod liver oil concentrates, and derivatives, m. g.
65 481221	*Cod liver oil concentrates, m. g.
65 481222	Cod liver oil derivatives, m. g.
65 4812221	Sodium morrhuate, m. g.
65 4812229	Cod liver oil derivatives, m. g., not elsewhere classified
65 481290	Cod liver oil preparations, m. g., not elsewhere classified
65 481300	Halibut liver oil, derivatives, and preparations, m. g.
65 481310	*Halibut liver oil, m. g.
65 4813101	*Not less than 50,000 U. S. P. units of vitamin A, and 540 U. S. P. units vitamin D per gram, m. g.
65 4813199	Halibut liver oil, m. g., not elsewhere classified
65 481390	Halibut liver oil preparations, m. g., not elsewhere classified

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.

**DRUGS AND MEDICINES—Continued**

**DRUGS OF ANIMAL ORIGIN, SYNTHETIC EQUIVALENTS, AND PREPARATIONS CONTAINING ONE THERAPEUTIC AGENT, m. g.—Continued**

*Oils and Fats, Animal, Except Wool Fat, m. g.—Continued*

Marine liver oils, derivatives, and preparations, except marine liver oil concentrates in solution, m. g.—Continued

- 65 481400 Percomorph liver oil, m. g.
- 65 481500 Shark liver oil, m. g.
- 65 481900 Marine liver oils, derivatives, and preparations, except marine liver oil concentrates in solution, m. g., not elsewhere classified
- 65 482000 Oils and fats, animal, except marine liver oils, m. g.
- 65 482100 Lard and preparations, m. g.
- 65 482200 Spermaceti, m. g.
- 65 482300 Suet, prepared, m. g.
- 65 482400 Beeswax, and processed beeswax, m. g.
- 65 482410 Beeswax, m. g. (Yellow wax, m. g.)
- 65 482420 Processed beeswax, m. g.
- 65 482421 White Wax, m. g. (Beeswax, bleached, m. g.)
- 65 482429 Processed beeswax, m. g., not elsewhere classified
- 65 482900 Oils and fats, animal, except marine liver oils, m. g., not elsewhere classified
- 65 490000 *Miscellaneous Drugs of Animal Origin, Synthetic Equivalents, and Preparations Containing One Therapeutic Agent, m. g.*
- 65 490100 \*Animal charcoal, m. g.
- 65 490200 Beef, m. g.
- 65 490300 \*Cantharides, powder, m. g.
- 65 490400 Casein, derivatives, and preparations, except iodine compounds, m. g.
- 65 490410 Casein, m. g.
- 65 490420 Casein derivatives, m. g.
- 65 490421 Casein-ammonia, m. g.
- 65 490422 Casein-sodium, m. g.
- 65 490429 Casein derivatives, m. g., not elsewhere classified
- 65 490490 Casein preparations, m. g., not elsewhere classified
- 65 490500 Cholesterol, m. g.
- 65 490600 Cysteine derivatives, and preparations, m. g.
- 65 490700 Gelatin, gelatin processed, and preparations, m. g.
- 65 490710 Gelatin, m. g.
- 65 490720 Gelatin processed, m. g.
- 65 490721 Gelatin, granular, bacteriological, m. g.
- 65 490729 Gelatin, processed, m. g., not elsewhere classified
- 65 490740 Glycerinated gelatin, m. g.
- 65 490790 Gelatin and preparations, m. g., not elsewhere classified
- 65 490800 Galactose, m. g.
- 65 491100 Heparin, m. g.
- 65 491200 Lactose, m. g.
- 65 491300 Peptone, m. g.
- 65 491400 Ptyalin, m. g.
- 65 491500 Veal, m. g.
- 65 499900 Drugs of animal origin, synthetic equivalents, and preparations containing one therapeutic agent, m. g., not elsewhere classified
- 65 500000 **MEDICINAL CHEMICALS; INORGANIC, AND PREPARATIONS CONTAINING ONE THERAPEUTIC AGENT, m. g.\*<sup>2,3</sup>**
- 65 501000 Aluminum compounds, inorganic, m. g.
- 65 501080 \*Alums, m. g.
- 65 501081 Aluminum ammonium sulfate, m. g. (Ammonia alum, m. g.)
- 65 501082 Aluminum potassium sulfate, m. g. (Potash alum, m. g.)
- 65 501089 Alums, m. g., not elsewhere classified

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 on page 535 is to be used.

<sup>2</sup> Use Supplementary Code 65-2 on page 535.

<sup>3</sup> The following integers are used, as in Major Group 19, to specify types of compounds on the 7th digit: 1, Chlorides; 2, Hydroxides; 3, Nitrates; 4, Oxides; 5, Sulfates; 6, Bromides; 7, Iodides.

The classes of compounds on the 4th and 5th digits are coded to agree with the numbering established in Major Group 19.



DRUGS AND MEDICINES—Continued

MEDICINAL CHEMICALS, INORGANIC, AND PREPARATIONS CONTAINING ONE THERAPEUTIC AGENT, m. g.—Continued

	Aluminum compounds, inorganic, m. g.—Continued
65 501990	Aluminum compounds, inorganic, m. g., not elsewhere classified.
65 502000	Ammonium compounds, inorganic, m. g.
65 502010	Ammonium chloride, m. g. (Muriate of ammonia, m. g.)
65 502060	Ammonium bromide, m. g.
65 502080	Ammonium carbonate, m. g.
65 502990	Ammonium compounds, inorganic, m. g., not elsewhere classified
65 504000	Arsenic compounds, inorganic, m. g.
65 504040	Arsenic oxides, m. g.
65 504041	Arsenic trioxide, m. g. (Arsenious acid, m. g.)
65 504049	Arsenic oxides, m. g., not elsewhere classified
65 504080	*Potassium arsenite, m. g.
65 504990	Arsenic compounds, inorganic, m. g., not elsewhere classified
65 505000	Barium compounds, inorganic, m. g.
65 505010	Barium chloride, m. g.
65 505050	Barium sulfate, m. g.
65 505990	Barium compounds, inorganic, m. g., not elsewhere classified
65 507000	Bismuth compounds, inorganic, m. g.
65 507030	*Bismuth subnitrate, m. g.
65 507080	Bismuth subcarbonate, m. g.
65 507990	Bismuth compounds, inorganic, m. g., not elsewhere classified
65 508000	Boron compounds, inorganic, m. g.
65 508020	Boric acid, m. g.
65 508060	Sodium borates, m. g.
65 508061	Sodium tetraborate, m. g. (Borax, m. g.)
65 508062	Sodium perborate, m. g.
65 508069	Sodium borates, m. g., not elsewhere classified
65 508990	Boron compounds, inorganic, m. g., not elsewhere classified
65 512000	Calcium compounds, inorganic, m. g.
65 512010	Calcium chloride, m. g.
65 512020	Calcium hydroxide, m. g. (Slaked lime, m. g.)
65 512060	Calcium bromide, m. g.
65 512070	Calcium iodide, m. g.
65 512080	Calcium carbonate, m. g.
65 512081	Calcium carbonate, precipitated, m. g.
65 512082	Calcium carbonate, prepared, m. g. (Drop chalk, m. g.)
65 512083	Compound chalk powder, m. g.
65 512089	Calcium carbonate, m. g., not elsewhere classified
65 512110	Calcium hypophosphite, m. g.
65 512120	Calcium phosphate, m. g.
65 512121	Calcium phosphate, dibasic, m. g.
65 512122	Calcium phosphate, tribasic, m. g. (Calcium phosphate, precipitated, m. g.)
65 512129	Calcium phosphate, m. g., not elsewhere classified
65 512990	Calcium compounds, inorganic, m. g., not elsewhere classified
65 513000	Carbon compounds, inorganic, m. g.
65 513040	Carbon oxides, m. g.
65 513041	Carbon dioxide, m. g.
65 513042	Carbon monoxide, m. g.
65 513049	Carbon oxides, m. g., not elsewhere classified
65 513080	*Carbon disulfide, m. g.
65 513990	Carbon compounds, inorganic, m. g., not elsewhere classified
65 517000	Chromium compounds, inorganic, m. g.
65 517040	Chromium trioxide, m. g.
65 517990	Chromic compounds, inorganic, m. g., not elsewhere classified
65 521000	Copper compounds, inorganic, m. g.
65 521050	*Copper sulfate, m. g.
65 521990	Copper compounds, inorganic, m. g., not elsewhere classified
65 523000	Gold compounds, inorganic, m. g.
65 523080	Gold sodium thiosulfate, m. g.
65 523990	Gold compounds, inorganic, m. g., not elsewhere classified

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.



**DRUGS AND MEDICINES—Continued**

**MEDICINAL CHEMICALS, INORGANIC, AND PREPARATIONS CONTAINING ONE THERAPEUTIC AGENT, m. g.—Continued**

65 526000	Iron (Ferric and Ferrous) compounds, inorganic, except metallic iron, m. g.
65 526040	Iron oxides, m. g.
65 526041	Ferric oxide, red, m. g.
65 526042	Ferric oxide, yellow, m. g.
65 526049	Iron oxides, m. g., not elsewhere classified
65 526050	Iron sulfates, m. g.
65 526051	*Ferrous sulfate, m. g.
65 526052	Ferrous sulfate, exsiccated, m. g.
65 526059	Iron sulfates, m. g., not elsewhere classified
65 526080	Iron (Ferric) hypophosphite, m. g.
65 526110	Iron (Ferric) phosphate, soluble, m. g.
65 526120	Iron carbonates, m. g.
65 526121	Ferrous carbonate, mass of, m. g. (Vallet's mass, m. g.)
65 526129	Iron carbonates, m. g., not elsewhere classified
65 526990	Iron (Ferric and Ferrous) compounds, inorganic, except metallic iron, m. g., not elsewhere classified
65 527000	Lead compounds, inorganic, m. g.
65 527040	Lead monoxide, yellow, m. g.
65 527070	Lead iodide, m. g.
65 527990	Lead compounds, inorganic, m. g., not elsewhere classified
65 528000	Lithium compounds, inorganic, m. g.
65 528060	Lithium bromide, m. g.
65 528990	Lithium compounds, inorganic, m. g., not elsewhere classified
65 531000	Magnesium compounds, inorganic, m. g.
65 531010	Magnesium chloride, m. g.
65 531020	*Magnesium hydroxide, m. g.
65 531040	Magnesium oxides, m. g.
65 531041	Magnesium oxide, light, m. g.
65 531042	Magnesium oxide, heavy, m. g.
65 531049	Magnesium oxides, m. g., not elsewhere classified
65 531050	*Magnesium sulfate, m. g. (Epsom salts, m. g.)
65 531080	Magnesium carbonate, m. g.
65 531110	Magnesium phosphate, tribasic, m. g.
65 531120	Magnesium trisilicate, m. g.
65 531990	Magnesium compounds, inorganic, m. g., not elsewhere classified
65 532000	Manganese compounds, inorganic, m. g.
65 532010	Manganese chloride, m. g.
65 532040	Manganese dioxide, m. g. (Manganese peroxide, m. g.) (Manganese superoxide, m. g.)
65 532080	Potassium permanganate, m. g.
65 532990	Manganese compounds, inorganic, m. g., not elsewhere classified
65 533000	Mercury compounds, inorganic, except metallic mercury, m. g.
65 533010	Mercury chlorides, m. g.
65 533011	*Mercuric chloride, m. g. (Mercury bichloride, m. g.)
65 533012	*Mercurous chloride, m. g. (Calomel, m. g.)
65 533040	Mercury oxides, m. g.
65 533041	Mercuric oxide, red, m. g.
65 533042	Mercuric oxide, yellow, m. g.
65 533049	Mercury oxides, m. g., not elsewhere classified
65 533070	Mercury iodides, m. g.
65 533071	Mercuric iodide, red, m. g.
65 533072	Mercurous iodide, yellow, m. g.
65 533079	Mercury iodides, m. g., not elsewhere classified
65 533080	Mercury cyanides, m. g.
65 533081	Mercuric cyanide, m. g.
65 533082	Mercuric oxycyanide, m. g.
65 533089	Mercury cyanides, m. g., not elsewhere classified
65 533990	Mercury compounds, inorganic, except metallic mercury, m. g., not elsewhere classified

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**DRUGS AND MEDICINES—Continued**

**MEDICINAL CHEMICALS, INORGANIC, AND PREPARATIONS CONTAINING ONE THERAPEUTIC AGENT, m. g.—Continued**

65 537000	Oxygen compounds, inorganic, except distilled water, m. g.
65 537040	*Hydrogen peroxide preparations, m. g.
65 53704040	Hydrogen peroxide solutions, m. g.
65 53704041	3 percent
65 53704042	8 percent
65 53704043	30 percent
65 53704049	Hydrogen peroxide solutions, m. g., not elsewhere classified
65 537990	Oxygen compounds, inorganic, except distilled water, m. g., not elsewhere classified
65 541000	Phosphorus compounds, inorganic, including elemental phosphorus, m. g.
65 541080	Hypophosphorus acid, m. g.
65 541110	Phosphoric acid, m. g.
65 54111040	Phosphoric acid, diluted, m. g.
65 54111990	Phosphoric acid, m. g., not elsewhere classified
65 541120	Phosphorus, yellow, m. g.
65 541990	Phosphorus compounds, inorganic, including elemental phosphorus, m. g., not elsewhere classified
65 543000	Potassium compounds, inorganic, m. g.
65 543010	Potassium chloride, m. g.
65 543020	Potassium hydroxide, m. g. (Caustic potash, m. g.)
65 543030	*Potassium nitrate, m. g.
65 543050	Potassium sulfate, m. g.
65 543060	*Potassium bromide, m. g.
65 543070	*Potassium iodide, m. g.
65 543080	Potassium bicarbonate, m. g.
65 543110	Potassium carbonate, m. g.
65 543120	*Potassium chlorate, m. g.
65 543130	Potassium thiosulfate
65 543990	Potassium compounds, inorganic, m. g., not elsewhere classified
65 553000	Silver compounds, inorganic, m. g.
65 553010	Silver chloride, colloidal, m. g. (Lunosol, m. g.)
65 553030	Silver nitrates, m. g.
65 553031	*Silver nitrate, m. g.
65 553032	Silver nitrate, toughened, m. g.
65 553039	Silver nitrates, m. g., not elsewhere classified
65 553070	Silver iodide, colloidal, m. g. (Neo-silvol, m. g.)
65 553990	Silver compounds, inorganic, m. g., not elsewhere classified
65 554000	Sodium compounds, inorganic, m. g.
65 554010	*Sodium chloride, m. g.
65 5540104	Isotonic solution, m. g.
65 5540199	Sodium chloride, m. g., not elsewhere classified
65 554020	*Sodium hydroxide, m. g. (Caustic soda, m. g.)
65 554050	Sodium sulfate, m. g. (Glauber's salt, m. g.)
65 554060	*Sodium bromide, m. g.
65 554070	*Sodium iodide, m. g.
65 554080	*Sodium bicarbonate, m. g.
65 554110	Sodium biphosphate, m. g. (Sodium acid phosphate, m. g.)
65 554120	Sodium calcium hydrate, m. g. (Soda lime, m. g.)
65 554121	Coarse, #4, m. g.
65 554122	Medium, #8, m. g.
65 554123	Fine, #14, m. g.
65 554129	Sodium calcium hydrate, m. g., not elsewhere classified
65 554130	Sodium carbonate, monohydrated, m. g.
65 554140	Sodium nitrate, m. g.
65 554150	Sodium phosphate, m. g.
65 554151	Sodium phosphate, dibasic, anhydrous, m. g.
65 554152	*Sodium phosphate, monobasic, m. g.
65 554159	Sodium phosphate, m. g., not elsewhere classified

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.



**DRUGS AND MEDICINES—Continued**

**MEDICINAL CHEMICALS, INORGANIC, AND PREPARATIONS CONTAINING ONE THERAPEUTIC AGENT, m. g.—Continued**

- 65 554160 Sodium compounds, inorganic, m. g.—Continued
- 65 554170 Sodium sulfite, exsiccated, m. g.
- 65 554990 \*Sodium thiosulfate, m. g.
- 65 555000 Sodium compounds, inorganic, m. g., not elsewhere classified
- 65 555000 Strontium compounds, inorganic, m. g.
- 65 555060 Strontium bromide, m. g.
- 65 555070 Strontium iodide, m. g.
- 65 555990 Strontium compounds, inorganic, m. g., not elsewhere classified
- 65 556000 Sulfur compounds, inorganic, including elemental sulfur, m. g.
- 65 556080 \*Sulfur, m. g.
- 65 556081 Precipitated, m. g.
- 65 556082 Sublimed, m. g.
- 65 556089 Sulfur, m. g., not elsewhere classified
- 65 556990 Sulfur compounds, inorganic, m. g., not elsewhere classified
- 65 568000 Zinc compounds, inorganic, m. g.
- 65 568010 Zinc chloride, m. g.
- 65 568040 Zinc oxides, m. g.
- 65 568041 \*Zinc oxide, m. g.
- 65 568042 Zinc peroxide, m. g.
- 65 568049 Zinc oxides, m. g., not elsewhere classified
- 65 568050 Zinc sulfate, m. g.
- 65 568070 Zinc iodide, m. g.
- 65 568080 Zinc permanganate, m. g.
- 65 568990 Zinc compounds, inorganic, m. g., not elsewhere classified
- 65 599000 Miscellaneous medicinal chemicals, inorganic, and preparations containing one therapeutic agent, m. g.
- 65 599080 Asbestos, reagent standard, m. g.
- 65 599110 \*Bentonite, m. g.
- 65 599120 Bromine, m. g.
- 65 599130 Charcoal, activated, m. g.
- 65 599140 Chlorinated lime, m. g.
- 65 599150 Helium, m. g.
- 65 599160 Iodine, m. g.
- 65 599170 Iron, m. g.
- 65 599171 \*Iron, powdered, fine, m. g.
- 65 599172 Iron, reduced, m. g. (Iron by hydrogen, m. g.)
- 65 599179 Iron, m. g., not elsewhere classified
- 65 599180 \*Kaolin, m. g.
- 65 599210 Mercury, m. g.
- 65 599211 Mercury, ammoniated, m. g.
- 65 599212 Mercury with chalk, m. g.
- 65 599219 Mercury, m. g., not elsewhere classified
- 65 599220 Nitrous oxide, m. g.
- 65 599230 Oxygen, m. g.
- 65 599240 Oxygen and carbon monoxide, m. g.
- 65 599250 Permutit, m. g.
- 65 599260 Radon, m. g.
- 65 599270 Siliceous earth, purified, m. g.
- 65 599280 Potash, sulfured, m. g.
- 65 599310 Talc, purified, m. g.
- 65 599320 Water, distilled, and preparations, m. g.
- 65 5993201 Water, distilled, m. g.
- 65 5993203 Water, distilled, sterile, pyrogen free, for intravenous use, m. g.
- 65 5993299 Water, distilled, preparations, m. g., not elsewhere classified
- 65 599990 Medicinal chemicals, inorganic, and preparations containing one therapeutic agent, m. g., not elsewhere classified

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.



DRUGS AND MEDICINES—Continued

65 600000	MEDICINAL CHEMICALS, ORGANIC, DERIVATIVES, AND PREPARATIONS CONTAINING ONE THERAPEUTIC AGENT, EXCEPT BOTANICALS, DRUGS OF ANIMAL ORIGIN, THEIR DERIVATIVES, SYNTHETIC EQUIVALENTS AND BIOLOGICALS, m. g.* <sup>2</sup>
65 610000	<i>Barbituric Acid, Derivatives, Their Salts, and Preparations, m. g.</i>
65 610100	Allylisopropylbarbituric acid, salts, and preparations, m. g.
65 610110	Allylisopropylbarbituric acid, m. g. (Alurate, m. g.)
65 610120	Allylisopropylbarbituric acid salts, m. g.
65 610121	Sodium allylisopropylbarbiturate, m. g., (Alurate sodium, m. g.)
65 610129	Allylisopropylbarbituric acid salts, m. g., not elsewhere classified
65 610190	Allylisopropylbarbituric acid preparations, m. g., not elsewhere classified
65 610200	Allylisopropylacetylcarbamide, m. g.
65 610300	Allyl-(methylpropylcarbonyl)barbituric acid, salts, and preparations, m. g.
65 610310	Allyl-(methylpropylcarbonyl) barbituric acid, m. g.
65 610320	Allyl-(methylpropylcarbonyl)barbituric acid salts, m. g.
65 610321	Sodium allyl-(methylpropylcarbonyl)barbiturate, m. g., (Seconal sodium, m. g.)
65 610329	Allyl-(methylpropylcarbonyl)barbituric acid salts, m. g., not elsewhere classified
65 610390	Allyl-(methylpropylcarbonyl)barbituric acid preparations, m. g., not elsewhere classified
65 610400	Barbital, salts, and preparations, m. g. (Diethylbarbituric acid, salts, and preparations, m. g.)
65 610410	*Barbital, m. g. (Diethylbarbituric acid, m. g.)
65 610420	*Barbital salts, m. g.
65 610421	*Barbital sodium, m. g. (Sodium diethylbarbiturate, m. g.)
65 610429	*Barbital salts, m. g., not elsewhere classified
65 610490	Barbital preparations, m. g., not elsewhere classified
65 610500	Barbituric acid, m. g. (Malonylurea, m. g.)
65 610600	Butyl- $\beta$ -bromoallylbarbituric acid, salts, and preparations, m. g., (Pernoston, salts, and preparations, m. g.)
65 610610	Butyl- $\beta$ -bromoallylbarbituric acid, m. g. (Pernoston, m. g.)
65 610620	Butyl- $\beta$ -bromoallylbarbituric acid salts, m. g.
65 610621	Sodium sec-butyl- $\beta$ -bromoallylbarbiturate, m. g. (Pernoston sodium, m. g.)
65 610629	Butyl- $\beta$ -bromoallylbarbituric acid salts, m. g., not elsewhere classified
65 610630	Butyl- $\beta$ -bromoallylbarbituric acid, and salts, for parenteral use, m. g.
65 610631	Sodium sec-butyl- $\beta$ -bromoallylbarbiturate, solution injectable, m. g.
65 610639	Butyl- $\beta$ -bromoallylbarbituric acid, and salts, for parenteral use, m. g., not elsewhere classified
65 610690	Butyl- $\beta$ -bromoallylbarbituric acid preparations, m. g., not elsewhere classified
65 610700	n-Butylethylbarbituric acid, salts, and preparations, m. g. (Neonal, salts, and preparations, m. g.)
65 610800	Cyclohexenylethylbarbituric acid, salts, and preparations, m. g. (Phanodorn, m. g.)
65 611100	Cyclopentylamylallylbarbituric acid, salts, and preparations, m. g. (Cyclopal, salts, and preparations, m. g.)
65 611200	Diallylbarbituric acid, salts, and preparations, m. g. (Dial, salts, and preparations, m. g.)
65 611210	Diallylbarbituric acid, m. g. (Dial, m. g.)
65 611220	Diallylbarbituric acid salts, m. g.
65 611290	Diallylbarbituric acid preparations, m. g., not elsewhere classified
65 611300	Dibromobarbituric acid, salts, and preparations, m. g. (Dibromin, salts, and preparations, m. g.)
65 611400	Ethyl-2-butylbarbituric acid, salts, and preparations, m. g.

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 on page 535 is to be used.

<sup>2</sup> Use Supplementary Code 65-2 on page 535.

# DRUGS AND MEDICINES—Continued

MEDICINAL CHEMICALS, ORGANIC, DERIVATIVES, AND PREPARATIONS  
CONTAINING ONE THERAPEUTIC AGENT, EXCEPT BOTANICALS,  
DRUGS OF ANIMAL ORIGIN, THEIR DERIVATIVES, SYNTHETIC  
EQUIVALENTS AND BIOLOGICALS, m. g.—Continued

*Barbituric Acid, Derivatives, Their Salts, and Preparations,*  
*m. g.—Continued*

- 65 611500 Ethyl-1-methylbutyl-barbituric acid, salts, and preparations,  
m. g. (Pentobarbital, salts, and preparations, m. g.)
- 65 611510 Ethyl-1-methylbutyl-barbituric acid, m. g. (Pentobarbital,  
m. g.)
- 65 611520 Ethyl-1-methylbutyl barbituric acid salts, m. g.
- 65 611521 Pentobarbital sodium, m. g.
- 65 611529 Ethyl-1-methylbutyl-barbituric acid salts, m. g., not else-  
where classified
- 65 611590 Ethyl-1-methylbutyl-barbituric acid preparations, m. g., not  
elsewhere classified
- 65 611600 Ethyl-1-methylbutyl-thiobarbituric acid, salts, and prepara-  
tions, m. g. (Pentothal, salts, and preparations, m. g.)
- 65 611700 n-Hexylethylbarbituric acid, salts, and preparations, m. g.  
(Ortal, salts, and preparations, m. g.)
- 65 611800 Isoamylethylbarbituric acid, salts, and preparations, m. g.  
(Amytal, salts, and preparations, m. g.)
- 65 611810 Isoamylethylbarbituric acid, m. g. (Amytal, m. g.)
- 65 611820 Isoamylethylbarbituric acid salts, m. g.
- 65 611821 Sodium isoamylethylbarbiturate, m. g. (Amytal sodium,  
m. g.)
- 65 611829 Isoamylethylbarbituric acid salts, m. g., not elsewhere  
classified
- 65 611890 Isoamylethylbarbituric acid preparations, m. g., not else-  
where classified
- 65 612100 Isobutylallylbarbituric acid, salts, and preparations, m. g.,  
(Sandoptal, salts, and preparations, m. g.)
- 65 612200 Isopropylbromoallylbarbituric acid, salts, and preparations,  
m. g. (Nostal, salts, and preparations, m. g.)
- 65 612300 Isopropylethylbarbituric acid, salts, and preparations, m. g.  
(Ipral, salts, and preparations, m. g.)
- 65 612310 Isopropylethylbarbituric acid, m. g. (Ipral, m. g.)
- 65 612320 Isopropylethylbarbituric acid salts, m. g.
- 65 612321 Calcium isopropylethylbarbiturate, m. g. (Ipral calcium,  
m. g.)
- 65 612322 Sodium isopropylethylbarbiturate, m. g. (Ipral sodium,  
m. g.)
- 65 612329 Isopropylethylbarbituric acid salts, m. g., not elsewhere  
classified
- 65 612390 Isopropylethylbarbituric acid preparations, m. g., not else-  
where classified
- 65 612400 (N-Methyl)-cyclohexenylmethylbarbituric acid, salts, and prep-  
arations, m. g. (Evipal, salts, and preparations, m. g.)
- 65 612410 (N-Methyl)-cyclohexenylmethylbarbituric acid, m. g.
- 65 612420 (N-Methyl)-cyclohexenylmethylbarbituric acid salts, m. g.
- 65 612430 (N-Methyl)-cyclohexenylmethylbarbituric acid and salts, for  
parenteral use, m. g.
- 65 612431 Sodium (N-Methyl)-cyclohexenylmethylbarbiturate, inject-  
able, m. g. (Evipal sodium, injectable, m. g.)
- 65 612439 (N-Methyl)-cyclohexenylmethylbarbituric acid and salts,  
for parenteral use, m. g., not elsewhere classified
- 65 612490 (N-Methyl)-cyclohexenylmethylbarbituric acid preparations,  
m. g., not elsewhere classified
- 65 612500 Phenobarbital, salts, and preparations, m. g. (Phenylethylbar-  
bituric acid, salts, and preparations, m. g.)
- 65 612510 \*Phenobarbital, m. g.
- 65 612520 Phenobarbital salts, m. g.
- 65 612521 Phenobarbital calcium, m. g.
- 65 612522 Phenobarbital magnesium, m. g.

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary  
Code 65-1 is to be used.



DRUGS AND MEDICINES—Continued

MEDICINAL CHEMICALS, ORGANIC, DERIVATIVES, AND PREPARATIONS  
CONTAINING ONE THERAPEUTIC AGENT, EXCEPT BOTANICALS.  
DRUGS OF ANIMAL ORIGIN, THEIR DERIVATIVES, SYNTHETIC  
EQUIVALENTS AND BIOLOGICALS, m. g.—Continued

*Barbituric Acid, Derivatives, Their Salts, and Preparations,*  
m. g.—Continued

- Phenobarbital, salts, and preparations, m. g. (Phenylethylbarbituric acid, salts, and preparations, m. g.)—Continued
- Phenobarbital salts, m. g.—Continued
- 65 612523 Phenobarbital sodium, m. g.
- 65 612529 Phenobarbital salts, m. g., not elsewhere classified
- 65 612590 Phenobarbital preparations, m. g., not elsewhere classified
- 65 612600 Phenylallylbarbituric acid, salts, and preparations, m. g. (Alphenal, salts, and preparations, m. g.)
- 65 612700 Phenylethyl-N-methylbarbituric acid, salts, and preparations, m. g. (Prominal, salts, and preparations, m. g.)
- 65 619900 Barbituric acid derivatives, their salts, and preparations, m. g., not elsewhere classified
- 65 620000 *Esters (Except Iodo, Salicylic, and Vitamin), Derivatives, and Preparations, m. g.*
- 65 621000 Esters of aminobenzoic acid and hydroxybenzoic acid, derivatives, and preparations, m. g.
- 65 621010  $\gamma$ -Dimethylamino- $\alpha,\beta$ -dimethylpropyl p-aminobenzoate, derivatives, and preparations, m. g. (Tutocaine, derivatives, and preparations, m. g.)
- 65 621011  $\gamma$ -Dimethylamino- $\alpha,\beta$ -dimethylpropyl p-aminobenzoate, m. g. (Tutocaine base, m. g.)
- 65 621012  $\gamma$ -Dimethylamino- $\alpha,\beta$ -dimethylpropyl p-aminobenzoate derivatives, m. g.
- 65 6210121  $\gamma$ -Dimethylamino- $\alpha,\beta$ -dimethylpropyl p-aminobenzoate hydrochloride, m. g. (Tutocaine hydrochloride, m. g.)
- 65 6210129  $\gamma$ -Dimethylamino- $\alpha,\beta$ -dimethylpropyl p-aminobenzoate derivatives, m. g., not elsewhere classified
- 65 621019  $\gamma$ -Dimethylamino- $\alpha,\beta$ -dimethylpropyl p-aminobenzoate preparations, m. g., not elsewhere classified
- 65 621020  $\gamma$ -Diethylamino- $\beta,\beta$ -dimethylpropyl p-aminobenzoate, derivatives, and preparations, m. g. (Larocaine, derivatives, and preparations, m. g.)
- 65 621021  $\gamma$ -Diethylamino- $\beta,\beta$ -dimethylpropyl p-aminobenzoate, m. g. (Larocaine base, m. g.)
- 65 621022  $\gamma$ -Diethylamino- $\beta,\beta$ -dimethylpropyl p-aminobenzoate derivatives, m. g.
- 65 6210221  $\gamma$ -Diethylamino- $\beta,\beta$ -dimethylpropyl p-aminobenzoate hydrochloride, m. g. (Larocaine hydrochloride, m. g.)
- 65 6210229  $\gamma$ -Diethylamino- $\beta,\beta$ -dimethylpropyl p-aminobenzoate derivatives, m. g., not elsewhere classified
- 65 621029  $\gamma$ -Diethylamino- $\beta,\beta$ -dimethylpropyl p-aminobenzoate preparations, m. g., not elsewhere classified
- 65 621030 Butacaine, derivatives, and preparations, m. g. (Butyn base, derivatives, and preparations, m. g.)
- 65 621031 Butacaine, base, m. g. ( $\gamma$ -Di-n-butylaminopropyl-p-aminobenzoate) (p-Aminobenzoyl-2-di-n-butylaminopropanol, m. g.)
- 65 621032 Butacaine derivatives, m. g.
- 65 6210321 Butacaine sulfate, m. g.
- 65 6210329 Butacaine derivatives, m. g., not elsewhere classified
- 65 621034 Butacaine derivatives in solution, m. g.
- 65 6210341 Butacaine sulfate, solution, m. g.
- 65 6210349 Butacaine derivatives in solution, m. g., not elsewhere classified
- 65 621039 Butacaine preparations, m. g., not elsewhere classified



DRUGS AND MEDICINES—Continued

MEDICINAL CHEMICALS, ORGANIC, DERIVATIVES, AND PREPARATIONS  
CONTAINING ONE THERAPEUTIC AGENT, EXCEPT BOTANICALS,  
DRUGS OF ANIMAL ORIGIN, THEIR DERIVATIVES, SYNTHETIC  
EQUIVALENTS AND BIOLOGICALS, m. g.—Continued

*Esters (Except Iodo, Salicylic, and Vitamin), Derivatives, and  
Preparations, m. g.—Continued*

Esters of aminobenzoic acid and hydroxybenzoic acid, deriva-  
tives, and preparations, m. g.—Continued

- 65 621040 n-Butyl p-aminobenzoate, derivatives, and preparations, m. g.  
(Butesin, derivatives, and preparations, m. g.)
- 65 621041 n-Butyl p-aminobenzoate, m. g.
- 65 621042 n-Butyl p-aminobenzoate derivatives, m. g.
  - 65 6210421 Di(n-butyl p-aminobenzoate)trinitrophen-  
ate, m. g., (Butesin picrate, m. g.)
  - 65 6210429 n-Butyl p-aminobenzoate derivatives,  
m. g., not elsewhere classified
- 65 621049 n-Butyl p-aminobenzoate preparations, m. g., not elsewhere  
classified
- 65 621050 n-Butyl p-hydroxybenzoate, m. g.
- 65 621060 \*Ethyl p-aminobenzoate, m. g. (Benzocaine, m. g.)
- 65 621070 Methyl 3-amino-4-hydroxybenzoate, m. g. (New orthoform,  
m. g.)
- 65 621080 \*β-Isobutylaminoethyl p-aminobenzoate, m. g. (Monocaine,  
m. g.)
- 65 621110 β-n-Amylaminoethyl p-aminobenzoate, derivatives, and prep-  
arations, m. g. (Amylcaine, derivatives, and prepara-  
tions, m. g.)
- 65 621111 β-n-Amylaminoethyl p-aminobenzoate, m. g. (Amylcaine,  
m. g.)
- 65 621112 β-n-Amylaminoethyl p-aminobenzoate derivatives, m. g.
  - 65 6211121 β-n-Amylaminoethyl p-aminobenzoate hy-  
drochloride, m. g. (Amylcaine hydro-  
chloride, m. g.)
  - 65 6211129 β-n-Amylaminoethyl p-aminobenzoate de-  
rivatives, m. g., not elsewhere classified
- 65 621119 β-n-Amylaminoethyl p-aminobenzoate preparations, m. g.,  
not elsewhere classified
- 65 621120 \*Procaine, derivatives, and preparations, m. g. (β-Diethyl-  
aminoethyl p-aminobenzoate, derivatives, and prepara-  
tions, m. g.)
- 65 621121 Procaine, m. g. (β-Diethylaminoethyl p-aminobenzoate,  
m. g.)
- 65 621122 Procaine derivatives, m. g.
  - 65 6211221 \*Procaine hydrochloride, m. g.
  - 65 6211222 Procaine borate, m. g.
  - 65 6211223 Procaine nitrate, m. g.
  - 65 6211229 Procaine derivatives, m. g., not elsewhere  
classified
- 65 621123 Procaine derivatives for injection, m. g.
  - 65 6211231 \*Procaine hydrochloride, injection, m. g.
  - 65 6211239 Procaine derivatives for injection, m. g.,  
not elsewhere classified
- 65 621128 \*Procaine derivatives, dry preparations for parenteral use,  
m. g.
- 65 621129 Procaine preparations, m. g., not elsewhere classified
- 65 621130 Propyl p-aminobenzoate, m. g. (Propaesin, m. g.)
- 65 621140 Tetracaine hydrochloride, m. g. (β-Dimethylaminoethyl p-n-  
butylaminobenzoate hydrochloride, m. g.)
- 65 621990 Esters of aminobenzoic acid and hydroxybenzoic acid, deriv-  
atives, and preparations, m. g., not elsewhere classified
- 65 622000 Esters of benzoic acid, derivatives, and preparations, m. g.
- 65 622010 1-Dimethylamino-2-(dimethylaminomethyl)-2-butanol benzo-  
ate, (Alypin, m. g.)

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary  
Code 65 1 is to be used.

**DRUGS AND MEDICINES—Continued**

- MEDICINAL CHEMICALS, ORGANIC, DERIVATIVES, AND PREPARATIONS  
CONTAINING ONE THERAPEUTIC AGENT, EXCEPT BOTANICALS,  
DRUGS OF ANIMAL ORIGIN, THEIR DERIVATIVES, SYNTHETIC  
EQUIVALENTS AND BIOLOGICALS, m. g.—Continued  
*Esters (Except Iodo, Salicylic, and Vitamin), Derivatives, and  
Preparations, m. g.—Continued*  
Esters of benzoic acid, derivatives, and preparations, m. g.—  
Continued
- 65 622020 1-Dimethylamino-2-methyl-2-butanol benzoate, m. g. (Benzoyl  
tetramethyldiaminoethylisopropanol, derivatives, and  
preparations, m. g.)
- 65 622021 1-Dimethylamino-2-methyl-2-butanol benzoate, m. g.
- 65 622022 1-Dimethylamino-2-methyl-2-butanol benzoate derivatives,  
m. g.
- 65 6220221 1-Dimethylamino-2-methyl-2-butanol ben-  
zoate hydrochloride, m. g. (Stovaine,  
m. g.)
- 65 6220229 1-Dimethylamino-2-methyl-2-butanol ben-  
zoate derivatives, m. g., not elsewhere  
classified
- 65 622029 1-Dimethylamino-2-methyl-2-butanol benzoate preparations,  
m. g., not elsewhere classified
- 65 622030  $\beta$ -Naphthol benzoate, m. g.
- 65 622040 8-Hydroxyquinoline benzoate, m. g.
- 65 622990 Esters of benzoic acid, derivatives, and preparations, m. g.,  
not elsewhere classified
- 65 623000 Esters of carbamic acid, derivatives, and preparations, m. g.
- 65 623010 Amyl carbamate, tertiary, m. g. (Aponal, m. g.)
- 65 623020 Ethyl carbamate, m. g. (Urethane, m. g.)
- 65 623030  $\alpha$ -Methylbutyl carbamate, m. g. (Methylpropylcarbinolure-  
thane, m. g.) (Hedonal, m. g.)
- 65 623990 Esters of carbamic acid, derivatives, and preparations, m. g.,  
not elsewhere classified
- 65 624000 Esters of nitric and nitrous acids, derivatives, and prepara-  
tions, m. g.
- 65 624010 Amyl nitrite, m. g.
- 65 624020 Erythrityl tetranitrate, m. g.
- 65 624030 Ethyl nitrite, derivatives, and preparations, m. g. (Nitrous  
ether, derivatives, and preparations, m. g.)
- 65 624031 Ethyl nitrite, m. g.
- 65 624037 Spirit of ethyl nitrite, m. g. (Sweet spirit of nitre, m. g.)
- 65 624039 Ethyl nitrite preparations, m. g., not elsewhere classified
- 65 624040 Glyceryl trinitrate, derivatives, and preparations, m. g.
- 65 624041 Glyceryl trinitrate, m. g.
- 65 624047 Spirit of glyceryl trinitrate, m. g. (Spirit of nitroglycerin,  
m. g.)
- 65 624049 Glyceryl trinitrate preparations, m. g., not elsewhere  
classified
- 65 624990 Esters of nitric and nitrous acids, derivatives, and prepara-  
tions, m. g., not elsewhere classified
- 65 629000 Miscellaneous esters, derivatives, and preparations, m. g.
- 65 629010 Acetyltannic acid, m. g. (Diacetyltannic acid, m. g.)
- 65 629020 Benzyl fumarate, m. g.
- 65 629030 Benzyl succinate, m. g.
- 65 629040 2-Butoxy-N-(2-diethylaminoethyl)-cinchoninamide h y d r o -  
chloride, m. g. (Nupercaine, m. g.)
- 65 629050 m-Cresyl acetate, m. g. (Cresatin, m. g.)
- 65 629060 2-Diethylaminopropylcinnamate hydrochloride, m. g. (Apo-  
thesine hydrochloride, m. g.)
- 65 629070 Diphenylacetyldiethylaminoethanol hydrochloride, m. g.  
(Trasentin, m. g.)
- 65 629080 Eucaïne hydrochloride, m. g. ( $\beta$ -Eucaïne hydrochloride, m. g.)
- 65 629110 Glyceryl triacetate, m. g. (Triacetin, m. g.)
- 65 629120 8-Hydroxyquinoline citrate, m. g.
- 65 629130 8-Hydroxyquinoline sulfate, m. g.
- 65 629140 8-Hydroxyquinoline tannate, m. g.



**DRUGS AND MEDICINES—Continued**

**MEDICINAL CHEMICALS, ORGANIC, DERIVATIVES, AND PREPARATIONS CONTAINING ONE THERAPEUTIC AGENT, EXCEPT BOTANICALS, DRUGS OF ANIMAL ORIGIN, THEIR DERIVATIVES, SYNTHETIC EQUIVALENTS AND BIOLOGICALS, m. g.—Continued**

*Esters (Except Iodo, Salicylic, and Vitamin), Derivatives, and Preparations, m. g.—Continued*

Miscellaneous esters, derivatives, and preparations, m. g.—Continued

- 65 629150  $\gamma$ -(2-Methylpiperidino) propyl benzoate hydrochloride, m. g. (Metycaine, m. g.)
- 65 629160 Neocinchophen, m. g. (Ethyl ester of 6-methyl-2-quinoline carboxylic acid, m. g.)
- 65 629170 Phosphate of dl-tropic acid ester of 3-diethylamino-2, 2-dimethyl-1-propanol, m. g. (Syntropan, m. g.)
- 65 629180 Resorcinol monoacetate, m. g.
- 65 629990 Esters (except iodo, salicylic, and vitamin), derivatives, and preparations, m. g., not elsewhere classified
- 65 630000 *Salicylic Acid, Derivatives, and Preparations, m. g.*
- 65 630100 Acetyl-p-aminophenyl salicylate, m. g. (Phenetsal, m. g.)
- 65 630200 \*Acetylsalicylic acid, m. g. (Aspirin, m. g.)
- 65 630300 \*Ammonium salicylate, m. g.
- 65 630400 Antipyrine salicylate, m. g. (Salipyrine, m. g.)
- 65 630600 \*Bismuth subsalicylate, and preparations, m. g.
- 65 630610 \*Bismuth subsalicylate, m. g.
- 65 630630 \*Bismuth subsalicylate, injection, m. g.
- 65 630690 Bismuth subsalicylate preparations, m. g., not elsewhere classified
- 65 630700 Calcium salicylate, m. g.
- 65 630800 Ethyl salicylate, m. g.
- 65 631100 Glycol salicylate, m. g.
- 65 631200 Guaiacol salicylate, m. g.
- 65 631300 Hexamethylenetetramineacetamidosalicylic acid, m. g. (Salihexin, m. g.) (Methenamineacetamidosalicylic acid, m. g.)
- 65 631400 Lithium salicylate, m. g.
- 65 631500 Magnesium salicylate, m. g.
- 65 631600 Magnesium acetylsalicylate, m. g.
- 65 631700 \*Menthyl salicylate, m. g.
- 65 631800 Mercuric salicylate, m. g.
- 65 632100 Methenaminesulfosalicylate, m. g. (Hexalet, m. g.)
- 65 632200 Methoxymethyl salicylate, m. g. (Mesotan, m. g.)
- 65 632300 \*Methyl salicylate, m. g.
- 65 632400 Methylenedi-(iodosalicylic acid), m. g. (Formidine, m. g.)
- 65 632500 Methylenecitrylsalicylic acid, m. g. (Novaspirin, m. g.)
- 65 632600  $\beta$ -Naphthol salicylate, m. g.
- 65 632700 Phenylmercuric salicylate, m. g.
- 65 633100 \*Phenyl salicylate, m. g. (Salol, m. g.)
- 65 633200 Potassium salicylate, m. g.
- 65 633300 \*Salicylic acid, m. g.
- 65 633400 Salicylic ester of salicylic acid, m. g. (Salysal, m. g.)
- 65 633500 Salicylic ethyl ester carbonate, m. g.
- 65 633600 Sodium borosalicylate, m. g.
- 65 633700 \*Sodium salicylate, m. g.
- 65 633800 Strontium salicylate, m. g.
- 65 634100 Sulfosalicylic acid, m. g.
- 65 639900 Salicylic acid, derivatives, and preparations, m. g., not elsewhere classified
- 65 640000 *Organic Acids and Preparations, Except Salicylic, Vitamin, Metallo, Iodo, and Barbituric Acids and Derivatives, m. g.*
- 65 640100 Aminoacetic acid, m. g. (Glycocol, m. g.) (Glycine, m. g.)
- 65 640200 1-Aminoisovaleric acid, m. g. (Valine, m. g.)
- 65 640300 \*Benzoic acid, m. g.
- 65 640500 \*Camphoric acid, m. g.
- 65 640600 Cinchophen, m. g. (2-Phenylquinoline-4-carboxylic acid, m. g.)
- 65 640700 Dehydrocholic acid, m. g.
- 65 640800 Gallic acid, m. g.
- 65 641100 \*Glycerophosphoric acid, m. g.

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.



DRUGS AND MEDICINES—Continued

MEDICINAL CHEMICALS, ORGANIC DERIVATIVES, AND PREPARATIONS  
CONTAINING ONE THERAPEUTIC AGENT, EXCEPT BOTANICALS,  
DRUGS OF ANIMAL ORIGIN, THEIR DERIVATIVES, SYNTHETIC  
EQUIVALENTS AND BIOLOGICALS, m. g.—Continued

*Organic Acids and Preparations, Except Salicylic, Vitamin Me-  
tallo, Iodo, and Barbituric Acids and Derivatives, m. g.—Con.*

- 65 641240 Hydrocyanic acid, diluted, m. g.
- 65 641300 Hydroxyquinoline-5-sulfonic acid, m. g.
- 65 641400 \*Lactic acid, m. g.
- 65 641500 \*Mandelic acid, m. g. (Racemic mandelic acid, m. g.)
- 65 641600 Methylenecltric acid, m. g.
- 65 641700  $\beta$ -Naphthoxyacetic acid, m. g.
- 65 611800 \*Oleic acid, m. g.
- 65 642100 \*Phenol, and preparations, m. g. (Carbolic acid, and prepara-  
tions, m. g.)
- 65 642110 Phenol, m. g.
- 65 642140 Phenol, liquified, m. g.
- 65 642190 Phenol, and preparations, m. g., not elsewhere classified
- 64 642200 Phenylacetic acid, m. g.
- 65 642300 Stearic acid, m. g.
- 65 642400 p-Sulfonedichloroamidobenzoic acid, m. g. (Halazone, m. g.)
- 65 642500 \*Tannic acid, m. g. (Gallotannic acid, m. g.)
- 65 642600 \*Tartaric acid, m. g.
- 65 642700 \*Trichloroacetic acid, m. g.
- 65 642800 \*Trinitrophenol, m. g. (Picric acid, m. g.)
- 65 643100 Tryptophane, m. g.
- 65 643200 \*Uric acid, m. g.
- 65 649900 Organic acids and preparations, except salicylic, vitamin, me-  
tallo, iodo, and barbituric acids and derivatives, not elsewhere  
classified
- 65 650000 *Organic Metallo Compounds and Miscellaneous Salts, Except  
Barbiturates, Iodine Compounds, Salicylates, Derivatives,  
and Preparations, m. g.*
- 65 650300 \*Antimony compounds, organic, and preparations, m. g.
- 65 650301 Antimony potassium tartrate, m. g. (Tartar emetic, m. g.)
- 65 650302 Antimony pyrocatechol sodium disulfonate, m. g.
- 65 650303 Antimony sodium thioglycollate, m. g.
- 65 650304 Antimony thioglycollamide, m. g.
- 65 650399 Antimony compounds, organic, and preparations, m. g., not  
elsewhere classified
- 65 650400 \*Arsenic compounds, organic, and preparations, m. g.
- 65 650401 Acetylaminohydroxyphenylarsonic acid, m. g. (Acetarsonc,  
m. g.)
- 65 650402 3-Amino-4-hydroxyphenylarsineoxide hydrochloride, hemial-  
coholate of, m. g. (Mapharsen, m. g.)
- 65 650403 3-Amino-4-hydroxyphenyldichloroarsine hydrochloride, m. g.  
(Clorarsen, m. g.), (Phenylarsine, m. g.)
- 65 650404 Ammonium heptenechloroarsenate, m. g. (Solarson, m. g.)
- 65 650405 Arsanilic acid, derivatives, and preparations, m. g.
- 65 65040510 Arsanilic acid, m. g.
- 65 65040520 Arsanilic acid derivatives, m. g.
- 65 65040521 Sodium arsanilate, m. g. (Atoxyl,  
m. g.)
- 65 65040529 Arsanilic acid derivatives, m. g., not  
elsewhere classified
- 65 65040590 Arsanilic preparations, m. g., not else-  
where classified
- 65 650406 Arsphenamine base, derivatives, and preparations, m. g.
- 65 65040610 \*Arsphenamine base, m. g. (3,3'-diamino-  
4,4'-dihydroxyarsenobenzene, m. g.)
- 65 65040620 \*Arsphenamine derivatives, m. g.
- 65 65040621 \*Arsphenamine, m. g. (3,3-diamino-4'-  
4'-dihydroxyarsenobenzene dihydro-  
chloride, m. g.)
- 65 65040622 Bismuth arspnenamine sulfonate,  
m. g. (Bismarsen, m. g.)

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.

# DRUGS AND MEDICINES—Continued

MEDICINAL CHEMICALS, ORGANIC, DERIVATIVES, AND PREPARATIONS  
CONTAINING ONE THERAPEUTIC AGENT, EXCEPT BOTANICALS,  
DRUGS OF ANIMAL ORIGIN, THEIR DERIVATIVES, SYNTHETIC  
EQUIVALENTS AND BIOLOGICALS, m. g.—Continued

*Organic Metallo Compounds and Miscellaneous Salts, Except  
Barbiturates, Iodine Compounds, Salicylates, Derivatives,  
and Preparations, m. g.—Continued*

\*Arsenic compounds, organic, and preparations, m. g.—Con.

Arsphenamine base, derivatives, and preparations, m. g.—  
Continued

\*Arsphenamine derivatives, m. g.—Continued

- 65 65040623 \*Neoarsphenamine, m. g.
- 65 65040624 Neo-silver arsphenamine, m. g.
- 65 65040625 Silver arsphenamine, m. g.
- 65 65040626 Sodium arsphenamine, m. g.
- 65 65040627 \*Sulfarsphenamine, m. g. (Disodium-3,  
3'-diamino-4,4'-dihydroxyarsenoben-  
zene-N,N'-dimethylene sulfonate, m.  
g.)
- 65 65040629 Arsphenamine derivatives, m. g., not  
elsewhere classified
- 65 65040680 Arsphenamine derivatives, for paren-  
teral use, m. g.
- 65 65040690 Arsphenamine preparations, m. g., not  
elsewhere classified

65 650407 Cacodylates, m. g.

- 65 65040701 Guaiacol cacodylate, m. g.
- 65 65040702 Iron cacodylate, m. g.
- 65 65040703 Lithium cacodylate, m. g.
- 65 65040704 Magnesium cacodylate, m. g.
- 65 65040705 \*Sodium cacodylate, m. g.
- 65 65040709 Cacodylates, m. g., not elsewhere classi-  
fied

65 650408 Carbarsone, m. g. (p-Carbamidophenylarsonic acid, m. g.)

65 650411 Diethylamineacetarsonic acid, m. g. (Acetylarsan, m. g.)

65 650412 Formylaminohydroxyphenylarsonic acid, m. g. (Treparsol,  
m. g.)

65 650413 Sodium methylenesulfonamidohydroxyphenyl arsonate, m. g.  
(Aldarsonic, m. g.)

65 650414 Sodium methylarsonate, m. g. (Arrhenal, m. g.)

65 650415 \*Tryparsamide, m. g. (Sodium N-phenylglycineamide-p-arson-  
ate, m. g.)

65 650499 Arsenic compounds, organic, and preparations, m. g., not  
elsewhere classified

65 650700 Bismuth compounds, organic, and preparations, except com-  
pounds containing arsenic, m. g.

65 650701 Basic bismuth methoxyhydroxybenzoate, m. g. (Mesurol,  
m. g.)

65 650702 Bismuth ammonium citrate, m. g.

65 650703 Bismuth  $\beta$ -naphthol, m. g.

65 650704 Bismuth camphocarboxylate, basic, m. g. (Bismocymol, m. g.)

65 650705 Bismuth hydroxyquinolate, m. g. (Bismuth oxyquinoline,  
m. g.)

65 650706 Bismuth lauryl phthalate, m. g.

65 650707 Bismuth octyloxyacetate, m. g. (Lipo-bismol, m. g.)

65 650708 \*Bismuth phenolsulfonate, m. g.

65 650711 Bismuth and potassium tartrate, and preparations, m. g.

65 6507111 Bismuth and potassium tartrate, m. g.

65 6507113 Bismuth and potassium tartrate, injec-  
tion, m. g.

65 6507119 Bismuth and potassium tartrate prepara-  
tions, m. g., not elsewhere classified

65 650712 Bismuth pyrogallate, basic, m. g.

65 650713 Bismuth sodium tartrate, m. g.

65 650714 Bismuth subbenzoate, m. g.

65 650715 \*Bismuth subgallate, m. g.

65 650716 \*Bismuth tribromophenate, m. g.

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary  
Code 65-1 is to be used.



**DRUGS AND MEDICINES—Continued**

MEDICINAL CHEMICALS, ORGANIC, DERIVATIVES, AND PREPARATIONS CONTAINING ONE THERAPEUTIC AGENT, EXCEPT BOTANICALS, DRUGS OF ANIMAL ORIGIN, THEIR DERIVATIVES, SYNTHETIC EQUIVALENTS AND BIOLOGICALS, m. g.—Continued	
<i>Organic Metallo Compounds and Miscellaneous Salts, Except Barbiturates, Iodine Compounds, Salicylates, Derivatives, and Preparations, m. g.—Continued</i>	
	Bismuth compounds, organic, and preparations, except com- pounds containing arsenic, m. g.—Continued
65 650717	Bismuth valerate, m. g.
65 650718	Potassium sodium bismuthotartrate, solution of, m. g. (Bis- mosol, m. g.)
65 650721	Sobisminol, and preparations, m. g.
	65 6507211 Sobisminol, mass, m. g.
	65 6507213 Sobisminol, solution, injection, m. g.
	65 6507219 Sobisminol preparations, m. g., not else- where classified
65 650722	Sodium bismuth thioglycollate, m. g. (Thiobismol, m. g.)
65 650799	Bismuth compounds, organic, and preparations, except com- pounds containing arsenic, m. g., not elsewhere classified
65 651200	Calcium compounds, organic, and preparations, m. g.
65 651201	Calcium benzyl phthalate, m. g.
65 651202	Calcium camphosulfonate, m. g.
65 651203	Calcium cresolsulfonate, m. g.
65 651204	Calcium creosotate, m. g.
65 651205	*Calcium gluconate, and preparations, m. g.
	65 6512051 Calcium gluconate, m. g.
	65 6512053 Calcium gluconate, injection, m. g.
	65 6512059 Calcium gluconate preparations, m. g., not elsewhere classified
65 651206	*Calcium glycerophosphate, m. g.
65 651207	Calcium hypophosphite, m. g.
65 651208	*Calcium lactate, m. g.
65 651211	Calcium levulinate, m. g.
65 651212	Calcium mandelate, m. g.
65 651213	*Calcium phenolsulfonate, m. g.
65 651214	Calcium urate, m. g.
65 651299	Calcium compounds, organic, and preparations, m. g., not elsewhere classified
65 651400	Cerium compounds, organic, and preparations, m. g.
65 651401	Cerous oxalate, m. g.
65 651499	Cerium compounds, organic, and preparations, m. g., not elsewhere classified
65 652300	Gold compounds, organic, and preparations, m. g.
65 652301	Aurothioglucose, m. g.
65 652399	Gold compounds, organic, and preparations, m. g., not else- where classified
65 652600	Iron (Ferric and Ferrous) compounds, organic, and prepara- tions, except cacodylates, m. g.
65 652601	Ferric glycerophosphate, m. g.
65 652602	Green iron and ammonium citrates, m. g.
65 652699	Iron (Ferric and Ferrous) compounds, organic, and prepara- tions, except cacodylates, m. g., not elsewhere classified
65 652700	Lead compounds, organic, and preparations, m. g.
65 652701	*Lead acetate, m. g.
65 652799	Lead compounds, organic, and preparations, m. g., not else- where classified
65 652800	Lithium compounds, organic, and preparations, except cacody- lates, m. g.
65 652801	Lithium benzoate, m. g.
65 652802	Lithium citrate, m. g.
65 652803	Lithium lactate, m. g.
65 652899	Lithium compounds, organic, and preparations, except caco- dylates, m. g., not elsewhere classified

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.



DRUGS AND MEDICINES—Continued

MEDICINAL CHEMICALS, (ORGANIC, DERIVATIVES, AND PREPARATIONS CONTAINING ONE THERAPEUTIC AGENT, EXCEPT BOTANICALS, DRUGS OF ANIMAL ORIGIN, THEIR DERIVATIVES, SYNTHETIC EQUIVALENTS AND BIOLOGICALS, m. g.—Continued

*Organic Metallo Compounds and Miscellaneous Salts, Except Barbiturates, Iodine Compounds, Salicylates, Derivatives, and Preparations, m. g.—Continued*

- 65 653100 Magnesium compounds, organic, and preparations, except cacodylates, m. g.
- 65 653101 Magnesium acetate, m. g.
- 65 653102 Magnesium benzoate, m. g.
- 65 653103 Magnesium borocitrate, m. g.
- 65 653104 Magnesium citrate, m. g.
- 65 653105 Magnesium glycerophosphate, m. g.
- 65 653106 Magnesium lactate, m. g.
- 65 653107 Magnesium phenolsulfonate, m. g.
- 65 653108 Magnesium valerate, m. g.
- 65 653199 Magnesium compounds, organic, and preparations, except cacodylates, m. g., not elsewhere classified
- 65 653300 Mercury compounds, organic, and preparations, m. g.
- 65 653301 Chloromercuri-4-nitro-o-cresol, m. g.
- 65 653302 Dibromohydroxymercurifluorescein, sodium salt, m. g. (Mercurochrome, m. g.)
- 65 653303 Disodium hydroxymercurisaliciloxylacetate, m. g. (Mercurosal, m. g.)
- 65 653304 2-Hydroxyphenylmercuri-chloride, m. g. (Phenol-mercuric chloride, m. g.)
- 65 653305 Mercuric benzoate, m. g.
- 65 653306 Mercuric succinimide, m. g.
- 65 653307 Salyrgan, m. g. (Mersalyl, m. g.)
- 65 653308 4-Nitro-5-hydroxymercuri-o-cresol anhydride, m. g. (Metaphen, m. g.)
- 65 6533084 4-Nitro-5-hydroxymercuri-o-cresol anhydride, in solution, m. g. (Metaphen, in solution, m. g.)
- 65 6533087 4-Nitro-5-hydroxymercuri-o-cresol anhydride, tincture, m. g. (Metaphen, tincture, m. g.)
- 65 6533089 4-Nitro-5-hydroxymercuri-o-cresol anhydride preparations, m. g., not elsewhere classified
- 65 653311 Phenylmercuric acetate, m. g.
- 65 653312 Phenylmercuric benzoate, m. g.
- 65 653313 Phenylmercuric borate, m. g.
- 65 653314 Phenylmercuric chloride, m. g.
- 65 653315 Phenylmercuric nitrate, m. g.
- 65 653316 Sodium ethylmercurithiosalicylate, m. g. (Merthiolate, m. g.)
- 65 653399 Mercury compounds, organic, and preparations, m. g., not elsewhere classified
- 65 654300 Potassium compounds, organic, and preparations, m. g.
- 65 654301 Potassium 8-hydroxyquinoline sulfate, m. g.
- 65 654302 \*Potassium acetate, m. g.
- 65 654304 \*Potassium bi-tartrate, m. g. (Cream of tartar, m. g.)
- 65 654305 Potassium citrate, m. g.
- 65 654306 Potassium sodium tartrate, m. g. (Rochelle salt, m. g.) (Seignette salt, m. g.)
- 65 654307 Potassium thiocyanate, m. g.
- 65 654308 Potassium urate, acid, m. g.
- 65 654399 Potassium compounds, organic, and preparations, m. g., not elsewhere classified
- 65 655300 Silver compounds, organic, and preparations, except arsenical, m. g.
- 65 655301 Silver protein, mild, m. g.
- 65 655302 Silver protein, strong, m. g.
- 65 655399 Silver compounds, organic, and preparations, except arsenical, m. g., not elsewhere classified

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.

DRUGS AND MEDICINES—Continued

MEDICINAL CHEMICALS, ORGANIC, DERIVATIVES, AND PREPARATIONS CONTAINING ONE THERAPEUTIC AGENT, EXCEPT BOTANICALS, DRUGS OF ANIMAL ORIGIN, THEIR DERIVATIVES, SYNTHETIC EQUIVALENTS AND BIOLOGICALS, m. g.—Continued	
<i>Organic Metallo Compounds and Miscellaneous Salts, Except Barbiturates, Iodine Compounds, Salicylates, Derivatives, and Preparations, m. g.—Continued</i>	
65 655400	Sodium compounds, organic, miscellaneous, and preparations, m. g.
65 655401	Sodium acetate, m. g.
65 655402	Sodium benzoate, m. g.
65 655403	Sodium borobenzoate, m. g.
65 655404	Sodium camphosulfonate, m. g.
65 655405	Sodium citrate, m. g.
65 655406	Sodium creosotate, m. g.
65 655407	Sodium glycerophosphate, m. g.
65 655408	Sodium lactate, m. g.
65 655411	Sodium magnesium tartrate, m. g.
65 655412	Sodium mandelate, m. g.
65 655413	Sodium anhydromethylene citrate, m. g.
65 655414	Sodium phenate, m. g.
65 655415	*Sodium phenolsulfonate, m. g.
65 655416	Sodium ricinoleate, m. g.
65 655417	Sodium stearate, m. g.
65 655418	Sodium succinate, m. g.
65 655421	Sodium tartrate, m. g.
65 655422	Sodium valerate, m. g.
65 655499	Sodium compounds, organic, miscellaneous, and preparations, m. g., not elsewhere classified
65 656800	Zinc compounds, organic, and preparations, m. g.
65 656801	Zinc acetate, m. g.
65 656802	*Zinc phenolsulfonate, m. g.
65 656803	Zinc stearate, m. g.
65 656804	Zinc sulfanilate, m. g.
65 656899	Zinc compounds, organic, and preparations, m. g., not else- where classified
65 659900	Organic metallo compounds and salts (miscellaneous), except barbiturates, iodine compounds, salicylates, derivatives, and preparations, m. g., not elsewhere classified
65 660000	<i>Organic Iodine Compounds, Derivatives, and Preparations, Ex- cept Salicylic Acid Derivatives, m. g.</i>
65 660100	*Bismuth oxyiodide, m. g.
65 660200	Calcium iodobenzenate, m. g.
65 660300	Calcium iodoxybenzoate, m. g.
65 660400	Calcium iodostearate, m. g. (Stearodine, m. g.)
65 660500	3,5-Di-iodo-4-pyridone-N-acetic acid and diethanolamine, m. g. (Diodrast, m. g.)
65 660600	Di-iodotartric acid, m. g. (Iodostarin, m. g.)
65 660700	Disodium N-methyl-3,5-di-iodo-4-pyridoxyl-2,6-dicarboxylate, m. g. (Neo-icopax, m. g.)
65 660800	Ethyl di-iodobrassidate, m. g. (Lipiodine, m. g.)
65 661100	Ethylenediamine di-iodide, m. g.
65 661200	Ethyl iodide, m. g.
65 661300	Hexamethylenetetramine tetraiodide, m. g. (Siomine, m. g.)
65 661400	Iodalbin, m. g.
65 661500	Iodized poppy seed oil, derivatives, and preparations, m. g. (Lipiodol, derivatives, and preparations, m. g.)
65 661510	Iodized poppy seed oil, m. g. (Lipiodol, m. g.)
66 661520	Iodized poppy seed oil, derivatives, m. g.
65 661521	Lipiodol calcium, m. g.
65 661529	Iodized poppy seed oil, derivatives, m. g., not elsewhere classified
65 661530	Iodized poppy seed oil, for injection, m. g.
	65 6415301 Lipiodol, 10% iodine, m. g.
	65 6415302 Lipiodol, 40% iodine, m. g.

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**DRUGS AND MEDICINES—Continued**

**MEDICINAL CHEMICALS, ORGANIC, DERIVATIVES, AND PREPARATIONS CONTAINING ONE THERAPEUTIC AGENT, EXCEPT BOTANICALS, DRUGS OF ANIMAL ORIGIN, THEIR DERIVATIVES, SYNTHETIC EQUIVALENTS AND BIOLOGICALS, m. g.—Continued**

*Organic Iodine Compounds, Derivatives, and Preparations, Except Salicylic Acid Derivatives, m. g.—Continued*

Iodized poppy seed oil, derivatives, and preparations, m. g.—Continued

Iodized poppy seed oil, for injection, m. g.—Continued

65 6415309 Iodized poppy seed oil, for injection, m. g., not elsewhere classified

65 661590 Iodized poppy seed oil preparations, m. g., not elsewhere classified

65 661600 Iodobenzoic acid, m. g.

65 661700 Iodocasein, m. g.

65 661800 Iodochlorohydroxyquinoline, m. g. (Vioform, m. g.)

65 662100 \*Iodoform, m. g. (Tri-iodomethane, m. g.)

65 662200 7-Iodo-8-hydroxyquinoline-5-sulfonic acid, derivatives, and preparations, m. g.

65 662210 7-Iodo-8-hydroxyquinoline-5-sulfonic acid, m. g.

65 662220 7-Iodo-8-hydroxyquinoline-5-sulfonic acid derivatives, m. g.

65 662221 Sodium salt of 7-iodo-8-hydroxyquinoline-5-sulfonic acid, m. g.

65 662222 Chiniofon powder, m. g. (Yatren, m. g.)

65 662229 7-Iodo-8-hydroxyquinoline-5-sulfonic acid derivatives, m. g., not elsewhere classified

65 662290 7-Iodo-8-hydroxyquinoline-5-sulfonic acid preparations, m. g., not elsewhere classified

65 662300 Iodophthalein, derivatives, and preparations, m. g. (Tetraiodophenolphthalein, derivatives, and preparations, m. g.)

65 662310 Iodophthalein, m. g. (Tetraiodophenolphthalein, m. g.)

65 662320 Iodophthalein derivatives, m. g.

65 662321 Iodophthalein sodium, m. g.

65 662329 Iodophthalein derivatives, m. g., not elsewhere classified

65 662330 Iodophthalein derivatives, for injection, m. g.

65 662390 Iodophthalein preparations, m. g., not elsewhere classified

65 662500 Iodopyrine, m. g.

65 662600 o-Iodoso benzoic acid, m. g.

65 662700 Iothion, m. g. (1,3-Di-iodo-2-propanol, m. g.)

65 662800 Methenamine-iodoform, m. g. (Iodoformin, m. g.)

65 663100 Methylene iodide, m. g. (Di-iodomethane, m. g.)

65 663200 Methyl iodide, m. g. (Iodomethane, m. g.)

65 663300 Monoiodoisovalerylurea, m. g. (Iodival, m. g.)

65 663400 Oridine, m. g.

65 663500 Riiodine, m. g.

65 663600 Sodium iodomethanesulfonate, m. g. (Skiodan, m. g.)

65 663700 \*Sodium-o-iodohippurate, m. g. (Hippuran, m. g.)

65 663800 Tetraiodofluorescein, m. g. (Iodeosine, m. g.)

65 664100 Thymol iodide, m. g. (Dithymol di-iodide, m. g.) (Aristol, m. g.)

65 669900 Organic iodine compounds, derivatives, and preparations, except salicylic acid derivatives, m. g., not elsewhere classified

65 670000 *Compounds Containing Sulfur, Organic, Derivatives and Preparations, Except Acids, Esters, and Metallo Compounds, m. g.*

65 671000 Sulfonamides, derivatives, and preparations, m. g.

65 671010 \*N-Acetylsulfanilamide, m. g.

65 671020 \*N-Acetylsulfathiazole, m. g.

65 671030 Disodium 4-sulfamidophenyl-2-azo-7-acetylamino-1-hydroxy-naphthalene-3,6-disulfonate, m. g. (Prontosil-S, m. g.)

65 671040 \*Succinylsulfathiazole, m. g.

65 671050 \*Sulfadiazine, salts, and preparations, m. g.

65 671051 \*Sulfadiazine, m. g.

65 671052 \*Sulfadiazine salts, m. g.

65 6710521 \*Sulfadiazine sodium, m. g.

65 6710529 \*Sulfadiazine salts, m. g., not elsewhere classified

65 671059 \*Sulfadiazine preparations, m. g., not elsewhere classified

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.



**DRUGS AND MEDICINES—Continued**

- MEDICINAL CHEMICALS, ORGANIC, DERIVATIVES, AND PREPARATIONS  
CONTAINING ONE THERAPEUTIC AGENT, EXCEPT BOTANICALS,  
DRUGS OF ANIMAL ORIGIN, THEIR DERIVATIVES, SYNTHETIC  
EQUIVALENTS AND BIOLOGICALS, m. g.—Continued
- Compounds Containing Sulfur, Organic, Derivatives and Prepara-*  
*tions, Except Acids, Esters, and Metallo Compounds,*  
*m. g.—Continued*
- Sulfonamides, derivatives, and preparations, m. g.—Continued
- 65 671060 \*Sulfaguanidine, m. g.
  - 65 671070 Sulfamerizine, m. g. (2-Sulfanilamido-4-methyl-pyrimidine,  
m. g.)
  - 65 671080 \*Sulfanilamide, m. g.
  - 65 671110 \*Sulfapyridine, salts, and preparations, m. g.
  - 65 671111 \*Sulfapyridine, m. g.
  - 65 671112 \*Sulfapyridine salts, m. g.
    - 65 6711121 \*Sulfapyridine sodium, m. g.
    - 65 6711122 \*Sulfapyridine sodium, sterile, m. g.
    - 65 6711129 \*Sulfapyridine salts, m. g., not elsewhere  
classified
  - 65 671119 \*Sulfapyridine preparations, m. g., not elsewhere classified
  - 65 671120 \*Sulfathiazole, salts, and preparations, m. g.
  - 65 671121 \*Sulfathiazole, m. g.
  - 65 671122 \*Sulfathiazole salts, m. g.
    - 65 6711221 \*Sulfathiazole sodium, m. g.
    - 65 6711229 \*Sulfathiazole salts, m. g., not elsewhere  
classified
  - 65 671119 \*Sulfathiazole preparations, m. g., not elsewhere classified
  - 65 671120 \*Sulfacetamide, m. g.
  - 65 671990 \*Sulfonamides, derivatives, and preparations, m. g., not else-  
where classified
  - 65 672000 *Compounds Containing Sulfur, Organic, Except Sulfonamides,*  
*Acids, Esters, and Metallo Compounds, m. g.*
  - 65 672010 \*Ichthaminol, m. g. (Ammonium ichthosulfonate, m. g.) (Ich-  
thyol, m. g.)
  - 65 672020 Phenolsulfonphthalein, m. g.
  - 65 672030 \*Phenothiazine, m. g. (Thiodiphenylamine, m. g.)
  - 65 672040 Saccharin, derivatives, and preparations, m. g.
  - 65 672041 Saccharin, m. g. (Anhydro-o-sulfamidobenzoic acid, m. g.)
  - 65 672042 Saccharin derivatives, m. g.
    - 65 6720421 Saccharin sodium, m. g.
    - 65 6720429 Saccharin derivatives, m. g., not else-  
where classified
  - 65 672049 Saccharin preparations, m. g., not elsewhere classified
  - 65 672050 Sulfobromophthalein sodium, m. g. (Phenoltetra-bromophtha-  
leindisulfonic acid, disodium salt, m. g.)
  - 65 672060 Sulfonethylmethane, m. g. (Trional, m. g.)
  - 65 672070 Thiosinamine, m. g. (Allyl thiourea, m. g.)
  - 65 672080 \*p-Toluenesulfondichloramide, m. g. (Dichloramine-T, m. g.)
  - 65 672110 \*Chloramine-T, m. g. (Sodium p-toluenesulfonchloramide, m. g.)
  - 65 672990 Compounds containing sulfur, organic, except sulfonamides,  
acids, esters, and metallo compounds, m. g., not elsewhere  
classified
  - 65 680000 *Vitamins, Vitamin-Active Compounds, and Preparations contain-*  
*ing One and More Than One Vitamin, m. g.*
  - 65 681000 Vitamins A, precursors, vitamin A and D concentrates in oil,  
mixtures of marine liver oils, and fortified marine liver  
oils, m. g.
  - 65 681100 Carotene, and preparations, m. g.
  - 65 681110 Carotene, m. g.
  - 65 681140 Carotene, in solution, and carotene with vitamin D con-  
centrate, in solution, m. g.
  - 65 681141 Carotene in oil, m. g.
    - 65 6811411 7,500 U. S. P. units of vitamin A per gram,  
m. g.
    - 65 6811419 Carotene in oil, m. g., not elsewhere  
classified

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.

**DRUGS AND MEDICINES—Continued**

MEDICINAL CHEMICALS, ORGANIC, DERIVATIVES, AND PREPARATIONS  
CONTAINING ONE THERAPEUTIC AGENT, EXCEPT BOTANICALS,  
DRUGS OF ANIMAL ORIGIN, THEIR DERIVATIVES, SYNTHETIC  
EQUIVALENTS AND BIOLOGICALS, m. g.—Continued

*Vitamins, Vitamin-Active Compounds, and Preparations Contain-  
ing One and More Than One Vitamin, m. g.—Continued*

Vitamins A, precursors, vitamin A and D concentrates in oil,  
mixtures of marine liver oils, and fortified marine liver  
oils, m. g.—Continued

Carotene, and preparations, m. g.—Continued

Carotene, in solution, and carotene with vitamin D con-  
centrate, in solution m. g.—Continued

65 681142

Carotene with vitamin D concentrate in oil, m. g.

65 6811421 1,000 U. S. P. units of vitamin D, and  
7,500 U. S. P. units of vitamin A per  
gram, m. g.

65 6811429 Carotene with vitamin D concentrate in  
oil, m. g., not elsewhere classified

65 681143

Carotene and vitamin D concentrate in cod liver oil,  
m. g.

65 6811431 250 U. S. P. units of vitamin D, and 2,000  
U. S. P. units of vitamin A per gram,  
m. g.

65 6811439 Carotene and vitamin D concentrate in  
cod liver oil, m. g., not elsewhere  
classified

65 681149

Carotene, in solution, and carotene with vitamin D con-  
centrate, in solution, m. g., not elsewhere classified

65 681190

Carotene preparations, m. g., not elsewhere classified

65 681200

Vitamin A<sub>1</sub>, and preparations, m. g.

65 681210

Vitamin A<sub>1</sub>, m. g.

65 681211

Vitamin A<sub>1</sub>, crystalline, m. g.

65 681212

Vitamin A<sub>1</sub>, esters, m. g.

65 681219

Vitamin A<sub>1</sub>, m. g., not elsewhere classified

65 681290

Vitamin A, preparations, m. g., not elsewhere classified

65 681340

\*Vitamins A and D, in solution, m. g. (Oleovitamin A and D,  
m. g.)

65 6813401 \*Oleovitamin A and D, 850-1100 U. S. P.  
units of vitamin A, 85-110 U. S. P. units  
of vitamin D per gram, m. g.

65 6813402 \*Concentrated oleovitamin A and D,  
50,000-65,000 U. S. P. units of vitamin  
A, 10,000-13,000 U. S. P. units of vita-  
min D per gram, m. g.

65 6813499 \*Vitamins A and D, in solution, m. g., not  
elsewhere classified

65 681440

Mixtures of marine liver oils, and fortified marine liver oils,  
m. g.

65 681441

\*Cod liver oil with halibut oil, m. g.

65 6814411 \*Cod liver oil with halibut liver oil, not  
less than 3,600 U. S. P. units of vitamin  
A, and 360 U. S. P. units of vitamin  
D, per gram, m. g.

65 6814419 \*Cod liver oil with halibut liver oil, m. g.,  
not elsewhere classified

65 681442

\*Cod liver oil with percomorph liver oil, m. g.

65 6814421 \*Cod liver oil with percomorph liver oil,  
not less than 6,000 U. S. P. units of  
vitamin A, and 850 U. S. P. units of  
vitamin D, per gram, m. g.

65 6814422 \*Cod liver oil with percomorph liver oil,  
not less than 60,000 U. S. P. units of  
vitamin A, and 8,500 U. S. P. units of  
vitamin D, per gram, m. g. (Percomorph  
oil, 50 percent, m. g.)

65 6814429 \*Cod liver oil with percomorph liver oil,  
m. g., not elsewhere classified

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary  
Code 65-1 is to be used.



DRUGS AND MEDICINES—Continued

MEDICINAL CHEMICALS, ORGANIC, DERIVATIVES, AND PREPARATIONS CONTAINING ONE THERAPEUTIC AGENT, EXCEPT BOTANICALS, DRUGS OF ANIMAL ORIGIN, THEIR DERIVATIVES, SYNTHETIC EQUIVALENTS AND BIOLOGICALS, m. g.—Continued	
<i>Vitamins, Vitamin-Active Compounds, and Preparations Contain- ing One and More Than One Vitamin, m. g.—Continued</i>	
Vitamins A, precursors, vitamin A and D concentrates in oil, mixtures of marine liver oils, and fortified marine liver oils, m. g.—Continued	
Mixtures of marine liver oils, and fortified marine liver oils, m. g.—Continued	
65 681443	Cod liver oil with malt extract, m. g.
65 681444	Cod liver oil with malt extract and iron iodide, m. g.
65 681449	Mixtures of marine liver oils, and fortified marine liver oils, m. g., not elsewhere classified
65 681500	Vitamin A <sub>2</sub> , m. g.
65 681900	Vitamins A, precursors, vitamin A and D concentrates in oil, mixtures of marine liver oils, and fortified marine liver oils, m. g., not elsewhere classified
65 682000	Vitamins B, vitamin B-active substances, derivatives, and preparations, m. g.
65 682010	p-Aminobenzoic acid, m. g.
65 682020	*Niacin, m. g. (Nicotinic acid, m. g.)
65 682030	*Niacinamide, m. g. (Nicotinic acid amide, m. g.)
65 682040	Pantothenic acid, derivatives, and preparations, m. g.
65 682041	Pantothenic acid, m. g.
65 682042	Pantothenic acid derivatives, m. g.
	65 6820421 Calcium pantothenate, m. g.
	65 6820422 Sodium pantothenate, m. g.
	65 6820429 Pantothenic acid derivatives, m. g., not elsewhere classified
65 682049	Pantothenic acid preparations, m. g., not elsewhere classi- fied
65 682050	Pyridoxine hydrochloride, m. g. (Vitamin B <sub>6</sub> hydrochloride, m. g.)
65 682060	*Thiamin hydrochloride, and preparations, m. g.
65 682061	Thiamin hydrochloride, m. g. (Vitamin B <sub>1</sub> hydrochloride, m. g.)
65 682063	Thiamin hydrochloride, injection, m. g.
65 682064	Thiamin hydrochloride, solution, m. g.
65 682069	Thiamin hydrochloride preparations, m. g., not elsewhere classified
65 682070	*Riboflavin, and preparations, m. g. (Vitamin B <sub>2</sub> , and prepara- tions, m. g.)
65 682071	Riboflavin, m. g. (Vitamin B <sub>2</sub> , m. g.)
65 682073	Riboflavin, injection, m. g.
65 682074	Riboflavin, solution, m. g.
65 682079	Riboflavin preparations, m. g., not elsewhere classified
65 682080	*Vitamin B complex (mixture of thiamin, riboflavin and nicotinic acid) and preparations, m. g.
65 682110	*Vitamin B complex (concentrated from liver) and prepara- tions, m. g.
65 682120	*Vitamin B complex (concentrated from rice polishings) and preparations, m. g.
65 682130	*Vitamin B complex (concentrated from brewers' yeast), fortifications, and preparations, m. g.
65 682990	*Vitamins B, vitamin B-active substances, derivatives, and preparations, m. g., not elsewhere classified
65 683000	Ascorbic acid, derivatives, and preparations, m. g.
65 683010	*Ascorbic acid, m. g.
65 683011	*Ascorbic acid, natural, m. g.
65 683012	*Ascorbic acid, synthetic, m. g.
65 683020	Ascorbic acid derivatives, m. g.
65 683021	Sodium ascorbate, m. g.
65 683029	Ascorbic acid derivatives, m. g., not elsewhere classified
65 683990	Ascorbic acid preparations, m. g., not elsewhere classified

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DRUGS AND MEDICINES—Continued

- MEDICINAL CHEMICALS, ORGANIC, DERIVATIVES, AND PREPARATIONS  
CONTAINING ONE THERAPEUTIC AGENT, EXCEPT BOTANICALS,  
DRUGS OF ANIMAL ORIGIN, THEIR DERIVATIVES, SYNTHETIC  
EQUIVALENTS AND BIOLOGICALS, m. g.—Continued  
*Vitamins, Vitamin-Active Compounds, and Preparations Contain-  
ing One and More Than One Vitamin, m. g.—Continued*
- 65 684000 \*Vitamins D, substances with vitamin D activity, and prepara-  
tions, m. g.
  - 65 684100 Vitamin D<sub>2</sub>, and preparations, m. g. (Activated or irradiated  
ergosterol, and preparations, m. g.)
  - 65 684110 Vitamin D<sub>2</sub>, m. g.
  - 65 684140 Vitamin D<sub>2</sub>, in solution, m. g.
  - 65 684141 Synthetic oleovitamin D<sub>2</sub> in vegetable oil, m. g.  
65 6841411 Not less than 10,000 U. S. P. units of vita-  
min D<sub>2</sub> per gram, m. g.  
65 6841419 Synthetic oleovitamin D<sub>2</sub> in vegetable oil,  
m. g., not elsewhere classified
  - 65 684142 Vitamin D<sub>2</sub> in cod liver oil, mg. (Cod liver oil with  
viosterol, m. g.)
  - 65 684143 Vitamin D<sub>2</sub> in halibut liver oil, m. g. (Halibut liver oil  
with viosterol, m. g.)
  - 65 684149 Vitamin D<sub>2</sub>, in solution, m. g., not elsewhere classified
  - 65 684190 Vitamin D<sub>3</sub>, preparations, m. g., not elsewhere classified
  - 65 684200 \*Vitamin D<sub>3</sub>, natural, m. g.
  - 65 684300 \*Vitamin D<sub>3</sub>, synthetic, and preparations, m. g.
  - 65 684310 \*Vitamin D<sub>3</sub>, synthetic, m. g. (Activated or irradiated 7-  
dehydrocholesterol or other animal sterol, m. g.)
  - 65 684340 \*Synthetic vitamin D<sub>3</sub>, in solution, m. g.
  - 65 684341 \*Synthetic oleovitamin D<sub>3</sub> in vegetable oil, m. g.  
65 6843411 Not less than 10,000 U. S. P. units of  
vitamin D<sub>3</sub> per gram, m. g.  
65 6843419 Synthetic oleovitamin D<sub>3</sub> in vegetable oil,  
m. g., not elsewhere classified
  - 65 684349 \*Synthetic vitamin D<sub>3</sub>, in solution m. g., not elsewhere  
classified
  - 65 684390 Vitamin D<sub>3</sub>, synthetic, preparations, m. g., not elsewhere  
classified
  - 65 684900 Vitamins D, substances with vitamin D activity, and prepa-  
rations, m. g., not elsewhere classified
  - 65 685000 \*Vitamins E, compounds with vitamin E activity, and  
preparations, m. g.
  - 65 685100  $\alpha$ -Tocopherol, m. g.
  - 65 685200 Wheat germ oil, m. g.
  - 65 685900 Vitamins E, compounds with vitamin E activity, and prepa-  
rations, m. g., not elsewhere classified
  - 65 686000 Vitamin H, m. g. (Biotin, m. g.)
  - 65 686100 Vitamin H esters, m. g.
  - 65 686900 Vitamin H, m. g., not elsewhere classified
  - 65 687000 Vitamins K, compounds with vitamin K activity, and  
preparations, m. g.
  - 65 687100 Vitamin K<sub>1</sub>, m. g. (2-Methyl-3-phytyl-1,4-naphthoquinone,  
m. g.)
  - 65 687200 Vitamin K<sub>2</sub>, m. g.
  - 65 687300 4-Amino-2-methyl-1-naphthol hydrochloride, m. g. (Syn-  
kamin, m. g.)
  - 65 687400 Menadione, and preparations, m. g.
  - 65 687410 Menadione, m. g. (2-Methyl-1,4-naphthoquinone, m. g.)
  - 65 687430 Menadione, injection, m. g.
  - 65 687440 Menadione, in solution, m. g.
  - 65 687441 Menadione in oil, m. g.
  - 65 687449 Menadione, in solution, m. g., not elsewhere classified
  - 65 687490 Menadione preparations, m. g., not elsewhere classified
  - 65 687900 Vitamins K, compounds with vitamin K activity, and  
preparations, m. g., not elsewhere classified

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.

# DRUGS AND MEDICINES—Continued

MEDICINAL CHEMICALS, ORGANIC, DERIVATIVES, AND PREPARATIONS CONTAINING ONE THERAPEUTIC AGENT, EXCEPT BOTANICALS, DRUGS OF ANIMAL ORIGIN, THEIR DERIVATIVES, SYNTHETIC EQUIVALENTS AND BIOLOGICALS, m. g.—Continued	
	<i>Vitamins, Vitamin-Active Compounds, and Preparations Contain- ing One and More Than One Vitamin, m. g.—Continued</i>
65 688000	Polyvitamin preparations, except combinations limited to carotene and vitamins A and D, and combinations limited to vitamins B, m. g.
65 689000	Vitamins, vitamin-active compounds, and preparations con- taining one and more than one vitamin, m. g., not elsewhere classified
65 690000	<i>Miscellaneous Medicinal Chemicals, Organic, Derivatives, and Preparations, m. g.</i>
65 691010	Alcohol and preparations, m. g.
65 691011	Alcohol, m. g.
	65 6910111 Alcohol, m. g. (Ethanol, m. g.)
	65 6910112 Dehydrated alcohol, m. g. (Dehydrated ethanol, m. g.)
	65 6910119 Alcohol, m. g., not elsewhere classified
65 691014	Alcohol, dilutions, m. g.
	65 6910141 Alcohol diluted, m. g.
	65 6910142 Alcohol, specially denatured, m. g.
	65 6910149 Alcohol, dilutions, m. g., not elsewhere classified
65 691019	Alcohol and preparations, m. g., not elsewhere classified
65 691020	Amylene hydrate, m. g. (tert-Amyl alcohol, m. g.)
65 691030	*Glycerin, m. g.
65 691040	*Terpin hydrate, m. g.
65 691050	Tribromoethanol, m. g. (Tribromoethyl alcohol, m. g.)
65 691060	tert-Tribromobutanol, m. g. (Brometone, m. g.)
65 691070	Chlorobutanol, m. g. (tert-Trichlorobutyl alcohol, m. g.)
65 691990	Alcohols, m. g., not elsewhere classified
65 692000	Aldehydes and ketones, m. g.
65 692010	*Acetone, m. g.
65 692020	Chloral derivatives, m. g.
	65 6920201 Butylchloral hydrate, m. g.
	65 6920202 *Chloral hydrate, m. g.
	65 6920209 Chloral derivatives, m. g., not elsewhere classified
65 692030	Paraldehyde, m. g.
65 692990	Aldehydes and ketones, m. g., not elsewhere classified
65 693000	Amides, except heterocyclic derivatives, m. g.
65 693010	Carbromal, m. g. (Bromodiethylacetylurea, m. g.)
65 693020	Chloroazodin, m. g. (Dichloroazodicarbonamidine, m. g.)
65 693030	2-Monobromoisovalerylurea, m. g. (Bromural, m. g.)
65 693040	Urea, m. g. (Carbamide, m. g.)
65 693990	Amides, except heterocyclic derivatives, m. g., not elsewhere classified
65 694000	Amines, except heterocyclic derivatives, m. g.
65 694010	*Acetanilid, m. g.
65 694020	Acetophenetidin, m. g. (Phenacetin, m. g.)
65 694030	$\alpha$ -Alanine, m. g.
65 694040	Diacetylaminoazotoluene, m. g. (Dimazon, m. g.)
65 694050	Ethylenediamine, derivatives, and preparations, m. g.
65 694051	Ethylenediamine, m. g.
65 694052	Ethylenediamine derivatives, m. g.
	65 6940521 Ethylenediamine mandelate, m. g.
	65 6940522 Ethylenediamine dihydrochloride, m. g.
	65 6940529 Ethylenediamine derivatives, m. g., not elsewhere classified
65 694059	Ethylenediamine preparations, m. g., not elsewhere classi- fied
65 694060	$\alpha$ -Hydroxy- $\beta$ -methylaminoethyl-3-hydroxybenzene hydrochlo- ride, m. g. (Neo-synephrin hydrochloride, m. g.)

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.



DRUGS AND MEDICINES—Continued

MEDICINAL CHEMICALS, ORGANIC, DERIVATIVES, AND PREPARATIONS  
CONTAINING ONE THERAPEUTIC AGENT, EXCEPT BOTANICALS,  
DRUGS OF ANIMAL ORIGIN, THEIR DERIVATIVES, SYNTHETIC  
EQUIVALENTS AND BIOLOGICALS, m. g.—Continued

*Miscellaneous Medicinal Chemicals, Organic, Derivatives, and  
Preparations, m. g.—Continued*

Amines, except heterocyclic derivatives, m. g.—Continued

Methenamine, derivatives, and preparations, m. g.

\*Methenamine, m. g. (Hexamethylenetetramine, m. g.)  
(Hexamethylenamine, m. g.)

Methenamine derivatives, m. g.

65 6940721 Hexamethylenetetramine anhydromethyl-  
ene citrate, m. g. (Helmitol, m. g.)

65 6940729 Methenamine derivatives, m. g., not else-  
where classified

Methenamine preparations, m. g., not elsewhere classified

\*Methylrosaniline chloride, m. g. (Gentian violet, m. g.)

1-Phenyl-2-aminopropane, derivatives, and preparations, m. g.  
(Amphetamine, m. g.)

1-Phenyl-2-aminopropane, m. g.

1-Phenyl-2-aminopropane derivatives, m. g.

65 6941121 1-Phenyl-2-aminopropane sulfate, m. g.  
(Amphetamine sulfate, m. g.)

65 6941129 1-Phenyl-2-aminopropane derivatives, m.  
g., not elsewhere classified

1-Phenyl-2-aminopropane preparations, m. g., not elsewhere  
classified

Amines, except heterocyclic derivatives, m. g., not elsewhere  
classified

Ethers, m. g.

\*Ethyl ether, anesthetic, m. g.

Ethyl oxide, m. g. (Solvent ether, m. g.)

Divinyl ether, m. g. (Vinethene, m. g.)

Ethers, m. g., not elsewhere classified

Hydrocarbons, and halogenated hydrocarbons, m. g.

\*Carbon tetrachloride, m. g.

\*Chloroform, m. g.

Cyclopropane, m. g.

\*Ethyl chloride, m. g.

Ethylene, m. g.

Paraffin, m. g. (Petroleum wax, m. g.)

Petrolatum, m. g. (Petroleum jelly, m. g.)

65 6960701 \*White petrolatum, m. g. (White petroleum  
jelly, m. g.)

65 6960702 \*Liquid petrolatum, m. g. (Liquid paraffin,  
m. g.)

65 6960703 \*Light liquid petrolatum, m. g. (Light  
liquid paraffin, m. g.)

65 6960799 Petrolatum, m. g., not elsewhere classified

\*Tetrachloroethylene, m. g.

Tribromomethane, m. g. (Bromoform, m. g.)

Trichloroethylene, m. g. (1-Chloro-2,2-dichloroethylene, m. g.)

Hydrocarbons, and halogenated hydrocarbons, m. g., not else-  
where classified

Phenols, m. g.

$\beta$ -Naphthol, m. g.

\*Cresol, m. g.

tert-Butylcresol, m. g. (Cresophan, m. g.)

p-Dihydroxybenzene, m. g. (Hydroquinone, m. g.)

Resorcinol, m. g.

Hexylresorcinol, m. g. (1,3-Dihydroxy-4-hexylbenzene, m. g.)

\*m-Dihydroxy-di-sec-hexylbenzene, m. g. (Dihexylin, m. g.)

1,8-Dihydroxyanthranol, m. g. (Anthralin, m. g.)

Thymol, derivatives, and preparations, m. g.

\*Thymol, m. g.

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary  
Code 65-1 is to be used.



**DRUGS AND MEDICINES—Continued**

- MEDICINAL CHEMICALS, ORGANIC, DERIVATIVES, AND PREPARATIONS  
CONTAINING ONE THERAPEUTIC AGENT, EXCEPT BOTANICALS,  
DRUGS OF ANIMAL ORIGIN, THEIR DERIVATIVES, SYNTHETIC  
EQUIVALENTS AND BIOLOGICALS. m. g.—Continued  
*Miscellaneous Medicinal Chemicals, Organic, Derivatives, and  
Preparations, m. g.—Continued*  
Phenols, m. g.—Continued  
Thymol, derivatives, and preparations, m. g.—Continued  
Thymol derivatives, except thymol iodide, m. g.  
65 6971121 Chlorothymol, m. g. (6-Chloro-4-isopropyl-  
1-methyl-3-phenol, m. g.)  
65 6971129 Thymol derivatives, except thymol iodide,  
m. g., not elsewhere classified  
65 697119 Thymol preparations, m. g., not elsewhere classified  
65 697120 Trichlorophenol, m. g.  
65 697990 Phenols, m. g., not elsewhere classified  
65 698000 Phthaleins, m. g.  
65 698010 Fluorescein sodium, m. g. (Resorcinolphthalein sodium, m. g.)  
65 698020 \*Phenolphthalein, m. g.  
65 698990 Phthaleins, m. g., not elsewhere classified  
65 699000 Miscellaneous medicinal derivatives, and preparations, m. g.  
65 699010 Acridine derivatives, and preparations, m. g.  
65 699011 Acriflavine, derivatives, and preparations, m. g.  
65 6990110 Acriflavine, m. g. (2,8-Diamino-10-metho-  
chloride acridine, m. g.)  
65 69901120 Acriflavine derivatives, m. g.  
65 69901121 Acriflavine hydrochloride, m. g.  
65 69901129 Acriflavine derivatives, m. g., not else-  
where classified  
65 69901190 Acriflavine preparations, m. g., not else-  
where classified  
65 699012 3,6-Diaminoacridinium monohydrogen sulfate, m. g. (Pro-  
flavine, m. g.)  
65 699013 Quinacrine hydrochloride, m. g. (Atabrine, m. g.)  
65 699019 Acridine derivatives, and preparations, m. g., not elsewhere  
classified  
65 699020 Choline derivatives, and preparations, m. g.  
65 699021 Acetylcholine bromide, m. g.  
65 699022 Acetylcholine chloride, m. g.  
65 699023 Acetyl- $\beta$ -methylcholine bromide, m. g.  
65 699024 Acetyl- $\beta$ -methylcholine chloride, m. g.  
65 699025 \*Carbamylcholine chloride, m. g.  
65 699026 Choline chloride, m. g.  
65 699029 Choline derivatives, and preparations, m. g., not elsewhere  
classified  
65 699030 Imidazole derivatives, and preparations, m. g.  
65 699031 Allantoin, m. g. (5-Carbamidohydantoin, m. g.)  
65 699032 5,5-Diphenylhydantoin, derivatives, and preparations, m. g.  
65 69903210 5,5-Diphenylhydantoin, m. g. (Pheny-  
toin, m. g.)  
65 69903220 5,5-Diphenylhydantoin derivatives, m. g.  
65 69903221 5,5-Diphenylhydantoin sodium, m. g.  
(Phenytin sodium, m. g.)  
65 69903229 5,5 - Diphenylhydantoin derivatives,  
m. g., not elsewhere classified  
65 69903290 5,5 - Diphenylhydantoin preparations,  
m. g., not elsewhere classified  
65 699033 Histamine, derivatives, and preparations, m. g.  
65 69903310 Histamine, m. g.  
65 69903320 Histamine derivatives, m. g.  
65 69903321 Histamine phosphate, m. g.  
65 69903329 Histamine derivatives, m. g., not else-  
where classified  
65 69903390 Histamine preparations, m. g., not else-  
where classified

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.

# DRUGS AND MEDICINES—Continued

MEDICINAL CHEMICALS, ORGANIC, DERIVATIVES, AND PREPARATIONS  
CONTAINING ONE THERAPEUTIC AGENT, EXCEPT BOTANICALS,  
DRUGS OF ANIMAL ORIGIN, THEIR DERIVATIVES, SYNTHETIC  
EQUIVALENTS AND BIOLOGICALS, m. g.—Continued

*Miscellaneous Medicinal Chemicals, Organic, Derivatives, and  
Preparations, m. g.—Continued*

Miscellaneous medicinal derivatives, and preparations, m. g.—  
Continued

- 65 699039 Imidazole derivatives, and preparations, m. g.—Continued  
Imidazole derivatives, and preparations, m. g., not else-  
where classified
- 65 699040 Pyridine derivatives, and preparations, m. g.
- 65 699041 2-Butyloxy-2',6'-diamino-5,5'-azopyridine, m. g. (Nlazo,  
m. g.)
- 65 699042 Phenylazodiaminopyridine hydrochloride, m. g. (Pyridium,  
m. g.)
- 65 699043 Pyridine- $\beta$ -carboxylic acid diethylamide, m. g. (Coramine,  
m. g.)
- 65 699049 Pyridine derivatives, and preparations, m. g., not elsewhere  
classified
- 65 699050 Pyrazolone derivatives, and preparations, m. g.
- 65 699051 Aminopyrine, m. g. (4-Dimethylaminoantipyrine, m. g.)
- 65 699052 Antipyrine, m. g. (1-Phenyl-2, 3-dimethylpyrazolone, m. g.)
- 65 699053 Sodium phenyldimethylpyrazolonemethylaminomethane-  
sulfonate, m. g. (Methylmelubrin, m. g.)
- 65 699059 Pyrazolone derivatives, and preparations, m. g., not else-  
where classified
- 65 699060 Quinoline derivatives, and preparations, m. g.
- 65 699061 8-Hydroxyquinoline, m. g. (Oxyquinoline base, m. g.)
- 65 699062 Pamaquine naphthoate, m. g. (Plasmochin, m. g.)
- 65 699069 Quinoline derivatives, and preparations, m. g., not else-  
where classified
- 65 699080 Lysidine bitartrate, m. g. (Methylglyoxalidine bitartrate,  
m. g.)
- 65 699110 \*Methylthionine chloride, m. g. (Methylene blue, m. g.)
- 65 699120 Pentamethylenetetrazole, m. g. (Metrazol, m. g.)
- 65 699130 Piperazine, derivatives, and preparations, m. g. (Diethylene-  
diamine, m. g.)
  - 65 69913010 Piperazine, m. g.
  - 65 69913020 Piperazine derivatives, m. g.
  - 65 69913021 Piperazine hydrate, m. g.
  - 65 69913029 Piperazine derivatives, m. g., not else-  
where classified
  - 65 69913990 Piperazine preparations, m. g., not else-  
where classified
- 65 699140 Tannin albuminate, m. g. (Tannalbin, m. g.)
- 65 699150 Coal tar, m. g.
- 65 699990 Medicinal chemicals, organic, derivatives, and preparations  
containing one therapeutic agent, except botanicals, drugs  
of animal origin, their derivatives, synthetic equivalents,  
and biologicals, m. g., not elsewhere classified
- 65 700000 PRESCRIPTION PHARMACEUTICALS AND PREPARATIONS CONTAINING  
TWO OR MORE THERAPEUTIC AGENTS, m. g., pr. \*<sup>4</sup>
- 65 710000 *Dry preparations, m. g., pr.*
- 65 711000 Capsules, hard-filled, except polyvitamin, m. g., pr.
- 65 711010 \*Algae capsules, equine, m. g., pr.
- 65 711020 \*Aloes capsules, with nux vomica, equine, m. g., pr.
- 65 711030 \*Anthelmintic capsules, equine, arsenic trioxide, copper and  
iron sulfates, oil of chenopodium, m. g., pr.
- 65 711040 \*Liver concentrates with copper and iron, capsules, m. g., pr.
- 65 711050 Iron and ammonium citrates, capsules, m. g., pr.
- 65 711060 \*Male fern and kamala capsules, m. g., pr.
- 65 711990 Capsules, hard filled, except polyvitamin, m. g., pr., not  
elsewhere classified

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary  
Code 65-1 on page 535 is to be used.

<sup>4</sup>The abbreviation, "pr." signifies prescription pharmaceutical. Use Supplementary  
Code 65-3 on page 535.



DRUGS AND MEDICINES—Continued

PRESCRIPTION PHARMACEUTICALS AND PREPARATIONS CONTAINING  
TWO OR MORE THERAPEUTIC AGENTS, m. g., pr.—Continued  
*Dry Preparations, m. g., pr.—Continued*

- 65 712000 Lozenges, pastils, troches and similar forms, except polyvitamin, m. g., pr.
- 65 712010 Ammonium chloride troches, m. g., pr.
- 65 712020 Copper citrate and saccharated ferrous carbonate, dulcets, m. g., pr.
- 65 712990 Lozenges, pastils, troches, and similar forms, except polyvitamin, m. g., pr., not elsewhere classified
- 65 713000 Pills, except polyvitamin, m. g., pr.
- 65 713010 Pills of aloin, strychnine, belladonna and cascara, m. g., pr.
- 65 713020 Pills of aloin, strychnine, belladonna and ipecac, m. g., pr.
- 65 713030 Pills of aloin, strychnine, and belladonna, m. g., pr.
- 65 713040 Pills of camphor and opium, m. g., pr.
- 65 713050 Compound pills of cascara, m. g., pr. (Hinkle's pills, m. g., pr.)
- 65 713060 Pills of ferrous carbonate, m. g., pr. (Chalybeate pills, m. g., pr.) (Bland's pills, m. g., pr.)
- 65 713070 Pills of iron, quinine, strychnine and arsenic, m. g., pr. (Aitken's pills, m. g., pr.)
- 65 713080 Pills of iron, quinine and strychnine, m. g., pr.
- 65 713110 Compound pills of mild mercurous chloride, m. g., pr. (Compound cathartic pills, m. g., pr.)
- 65 713990 Pills, except polyvitamin, m. g., pr., not elsewhere classified
- 65 714000 Powders, m. g., pr.
- 65 714010 Antacid powder, m. g., pr. (Contains calcium carbonate, magnesium carbonate and bismuth subnitrate)
- 65 714020 \*Anthelmintic powder containing phenol, phenolphthalein, copper sulfate, m. g., pr.
- 65 714030 \*Calamine, prepared, m. g., pr.
- 65 714040 Chlorozodol (Azochloramid) buffered saline mixture powder, m. g., pr.
- 65 714050 Chlorobutanol, dusting powder, m. g., pr.
- 65 714060 Compound effervescent powders, m. g., pr. (Seidlitz powders, m. g., pr.)
- 65 714070 Compound powder of senna, m. g., pr. (Compound licorice powder, m. g., pr.)
- 65 714080 Foot powder, m. g., pr. (Contains talcum powder, starch, boric acid, zinc stearate and salicylic acid)
- 65 714110 Powder of ipecac and opium, m. g., pr. (Dover's powder, m. g., pr.)
- 65 714120 Soluble iodophthalein, emulsion powder, m. g., pr.
- 65 714990 Powders, m. g., pr., not elsewhere classified
- 65 715000 Salts, m. g., pr.
- 65 715010 Artificial Carlsbad salt, m. g., pr.
- 65 715020 Effervescent artificial Carlsbad salt, m. g., pr.
- 65 715030 Artificial Kissingen salt, m. g., pr.
- 65 715040 Effervescent artificial Kissingen salt, m. g., pr.
- 65 715050 Effervescent salt of lithium citrate, m. g., pr.
- 65 715060 Effervescent salt of magnesium sulfate, m. g., pr.
- 65 715070 Compound effervescent salt of potassium bromide, m. g., pr.
- 65 715080 Effervescent sodium phosphate, m. g., pr.
- 65 715110 Artificial Vichy salt, m. g., pr.
- 65 715120 Effervescent artificial Vichy salt, m. g., pr.
- 65 715990 Salts, m. g., pr., not elsewhere classified
- 65 716000 Tablets, except polyvitamin, m. g., pr.
- 65 716010 Acetylsalicylic acid, phenacetin and caffeine, tablets, m. g., pr.
- 65 716020 Acetylsalicylic acid, phenacetin, caffeine and codeine tablets, m. g., pr.
- 65 716030 \*Aconitine, atropine and mercury iodide, tablets, m. g., pr.
- 65 716040 Apothesine hydrochloride and epinephrine, hypodermic tablets, m. g., pr.
- 65 716050 \*Buchu-atropine compound acid, tablets, m. g., pr.
- 65 716060 \*Butyn sulfate-epinephrine hypodermic tablets, m. g., pr.

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.



DRUGS AND MEDICINES—Continued

PRESCRIPTION PHARMACEUTICALS AND PREPARATIONS CONTAINING  
TWO OR MORE THERAPEUTIC AGENTS, m. g., pr.—Continued.

*Dry Preparations, m. g., pr.—Continued*

Tablets, except polyvitamin, m. g., pr.—Continued

- 65 716070 Chloroazodin (Azochloramid) saline mixture, tablets, m. g., pr.
- 65 716080 Coryza tablets, m. g., pr. (Contain quinine, camphor, tincture of belladonna root and of aconite)
- 65 716110 \*Digitalin, strychnine and strophanthin, compound tablets, m. g., pr.
- 65 716120 Epinephrine and cocaine, tablets, m. g., pr.
- 65 716130 Eserine and pilocarpine compound, hypodermic tablets m. g., pr.
- 65 716140 Iron and copper, tablets, m. g., pr.
- 65 716150 Procaine and epinephrine, hypodermic tablets, m. g., pr.
- 65 716160 Sal-ethyl carbonate with aminopyrine, tablets, m. g., pr.
- 65 716170 Sodium bicarbonate and peppermint, tablets, m. g., pr.
- 65 716180 \*Theophylline with methyl glucamine, tablets, m. g., pr.
- 65 716990 Tablets, except polyvitamin, m. g., pr., not elsewhere classified
- 65 719000 Dry preparations, m. g., pr., not elsewhere classified
- 65 720000 *Liquid Preparations, m. g., pr.*
- 65 721000 Capsules, soft elastic, except polyvitamin, m. g., pr.
- 65 721010 \*Santal and salol, capsules, m. g., pr.
- 65 721990 Capsules, soft elastic, except polyvitamin, m. g., pr., not elsewhere classified.
- 65 722000 Collodions, m. g., pr.
- 65 722010 \*Flexible collodion, m. g., pr.
- 65 722020 Metaphen in collodion, m. g., pr.
- 65 722030 \*Salicylic collodion, m. g., pr.
- 65 722040 \*Styptic, collodion, m. g., pr.
- 65 722990 Collodions, m. g., pr., not elsewhere classified
- 65 723000 Emulsions, m. g., pr.
- 65 723010 Emulsions of cod liver oil, m. g., pr.
- 65 723011 \*Emulsion of cod liver oil, m. g., pr.
- 65 723012 Emulsion of cod liver oil with hypophosphites, m. g., pr.
- 65 723013 Emulsion of cod liver oil with malt, m. g., pr.
- 65 723014 Emulsion of cod liver oil with egg, m. g., pr.
- 65 723019 Emulsions of cod liver oil, m. g., pr., not elsewhere classified
- 65 723020 Emulsion of neo-synephrine hydrochloride, m. g., pr.
- 65 723030 \*Emulsions of liquid petrolatum, m. g., pr. (Mineral oil emulsions, m. g., pr.)
- 65 723031 Emulsion of liquid petrolatum and agar, m. g., pr.
- 65 723032 Emulsion of liquid petrolatum and cascara, m. g., pr.
- 65 723033 Emulsion of liquid petrolatum with magnesia magma, m. g., pr.
- 65 723034 Emulsion of liquid petrolatum with malt syrup, m. g., pr.
- 65 723035 Emulsion of liquid petrolatum with phenolphthalein, m. g., pr.
- 65 723039 Emulsions of liquid petrolatum, m. g., pr., not elsewhere classified
- 65 723040 Emulsion of oil of turpentine, m. g., pr.
- 65 723990 Emulsions, m. g., pr., not elsewhere classified
- 65 724000 Lotions, m. g., pr.
- 65 724010 Calamine lotion, m. g., pr.
- 65 724020 \*Phenolated lotion of calamine, m. g., pr. (Compound lotion of calamine, m. g., pr.)
- 65 724990 Lotions, m. g., pr., not elsewhere classified
- 65 725000 Mixtures, m. g., pr.
- 65 725010 Camphorated chloral, m. g., pr.
- 65 725020 Compound mixture of opium and glycyrrhiza, m. g., pr. (Brown mixture, m. g., pr.)
- 65 725990 Mixtures, m. g., pr., not elsewhere classified
- 65 726000 Mucilages, m. g., pr.
- 65 726010 Acacia, mucilage of, m. g., pr.
- 65 726020 Tragacanth, mucilage of, m. g., pr.

\*An asterisk (\*) to the left of commodity descriptions signifies that Supplementary Code 65-1 is to be used.

DRUGS AND MEDICINES—Continued

PRESCRIPTION PHARMACEUTICALS AND PREPARATIONS CONTAINING  
TWO OR MORE THERAPEUTIC AGENTS, m. g., pr.—Continued.

Liquid Preparations, m. g., pr.—Continued

Mucilages, m. g., pr.—Continued

- |            |   |
|------------|---|
| 65 726990  | Mucilages, m. g., pr., not elsewhere classified   |
| 65 727000  | Solutions, except in oil, capsules, ampuls, and sterile vials, tubes and syringes, m. g., pr. |
| 65 727100  | Solutions, except in oil, containing alcohol, m. g., pr.                                      |
| 65 727110  | Elixirs, m. g., pr.   |
| 65 7271101 | Elixir of alurate, m. g., pr.   |
| 65 7271102 | Elixir of aminopyrine, m. g., pr.   |
| 65 7271103 | Elixir of ammonium bromide, m. g., pr.  |
| 65 7271104 | Elixir of ammonium valerate, m. g., pr.   |
| 65 7271105 | Elixir of amylal, m. g., pr.  |
| 65 7271106 | *Elixir of barbitol, m. g., pr.   |
| 65 7271107 | Elixir of benzaldehyde, m. g., pr.  |
| 65 7271108 | Elixir of bismuth, m. g., pr.   |
| 65 7271111 | Elixir of bromide and chloral, m. g., pr.   |
| 65 7271112 | Elixir of five bromides, m. g., pr.   |
| 65 7271113 | Elixir of three bromides, m. g., pr.  |
| 65 7271114 | Elixir of calcium and sodium glycerophosphates, m. g., pr.                                    |
| 65 7271115 | Elixir of calcium lactophosphate, m. g., pr.  |
| 65 7271116 | Elixir of beef and iron, m. g., pr.   |
| 65 7271117 | Elixir of cascara sagrada, m. g., pr.   |
| 65 7271118 | Elixir of cinchona alkaloids, m. g., pr.  |
| 65 7271121 | Elixir of dial, m. g., pr.  |
| 65 7271122 | Elixir of ephedrine sulfate, m. g., pr.   |
| 65 7271123 | Elixir of ipral sodium, m. g., pr.  |
| 65 7271124 | Elixir of iron, quinine and strychnine, m. g., pr.  |
| 65 7271125 | Elixir of iron, quinine and strychnine phosphates, m. g., pr.                                 |
| 65 7271126 | Elixir of glycyrrhiza, m. g., pr.   |
| 65 7271127 | Elixir of pepsin, m. g., pr.  |
| 65 7271128 | Elixir of pepsin, bismuth and strychnine, m. g., pr.  |
| 65 7271131 | Elixir of pepsin and bismuth, m. g., pr.  |
| 65 7271132 | Elixir of pepsin and rennin, m. g., pr.   |
| 65 7271133 | Elixir of phenobarbital, m. g., pr.   |
| 65 7271134 | Elixir of phosphorus, m. g., pr.  |
| 65 7271135 | Elixir of potassium bromide, m. g., pr.   |
| 65 7271136 | Elixir of propadrine hydrochloride, m. g., pr.  |
| 65 7271137 | Elixir of sodium bromide, m. g., pr.  |
| 65 7271138 | Elixir of sodium salicylate, m. g., pr.   |
| 65 7271141 | Elixir of sodium thiocyanate, m. g., pr.  |
| 65 7271142 | Elixir of terpin hydrate, m. g., pr.  |
| 65 7271143 | Elixir of terpin hydrate and codeine, m. g., pr.  |
| 65 7271144 | Elixir of vitamin B complex, m. g., pr.   |
| 65 7271145 | Elixir of vitriol, m. g., pr. (Sulfuric acid, aromatic, m. g., pr.)                           |
| 65 7271199 | Elixirs, m. g., pr., not elsewhere classified   |
| 65 727120  | Liniments, containing alcohol, m. g., pr.   |
| 65 7271201 | *Aconite and chloroform liniment, m. g., pr.  |
| 65 7271202 | *Belladonna liniment, m. g., pr.  |
| 65 7271203 | Camphor and soap liniment, m. g., pr.   |
| 65 7271204 | *Chloroform liniment, m. g., pr.  |
| 65 7271299 | Liniments, containing alcohol, m. g., pr., not elsewhere classified                           |
| 65 727130  | Liquors, containing alcohol, m. g., pr.   |
| 65 7271301 | *Saponated solution of cresol, m. g., pr.   |
| 65 7271302 | Solution of coal tar, m. g., pr. (Liquor carbonis detergens, m. g., pr.)                      |

\*An asterisk (\*) to the left of commodity description signifies that Supplementary Code 65-1 is to be used.



**DRUGS AND MEDICINES—Continued**

**PRESCRIPTION PHARMACEUTICALS AND PREPARATIONS CONTAINING**

**TWO OR MORE THERAPEUTIC AGENTS, m. g., pr.—Continued.**

**Liquid Preparations, m. g., pr.—Continued**

Solutions, except in oil, capsules, ampuls, and sterile vials, tubes and syringes, m. g., pr.—Continued

Solutions, except in oil, containing alcohol, m. g., pr.—Con.

Liquors, containing alcohol, m. g., pr.—Continued

65 7271303 Solution of coal tar, chloroformic, m. g., pr.

65 7271304 \*Solution of potassium arsenite, m. g., pr.  
(Fowler's solution, m. g., pr.)

65 7271399 Liquors, containing alcohol, m. g., pr., not elsewhere classified

65 727140 Spirits, m. g., pr.

65 7271401 Anisated spirit of ammonia, m. g., pr.

65 7271402 \*Aromatic spirit of ammonia, m. g., pr.

65 7271403 Brandy, m. g., pr.

65 7271404 Spirit of camphor, m. g., pr.

65 7271405 Whiskey, m. g., pr.

65 7271499 Spirits, m. g., pr., not elsewhere classified

65 727150 Syrups, containing alcohol, m. g., pr.

65 7271501 Syrup of ephedrine sulfate, m. g., pr.

65 7271502 Syrup of tolu balsam, m. g., pr.

65 7271503 \*Syrup of glycyrrhiza, m. g., pr.

65 7271504 \*Syrup of ipecac, m. g., pr.

65 7271505 Syrup of vitamin B complex, m. g., pr.

65 7271506 Aromatic syrup of rhubarb, m. g., pr.

65 7271508 Compound syrup of sarsaparilla, m. g., pr.

65 7271599 Syrups, containing alcohol, m. g., pr., not elsewhere classified

65 727160 Tinctures, and compound tinctures, m. g., pr.

65 7271601 Camphorated tincture of opium, m. g., pr.  
(Paregoric, m. g., pr.)

65 7271602 Tincture of arnica, m. g., pr.

65 7271603 \*Tincture of iodine, m. g., pr.

65 7271604 \*Tincture of iodine, mild, m. g., pr.

65 7271699 Tinctures, and compound tinctures, m. g., pr., not elsewhere classified

65 727170 Wines and cordials, m. g., pr.

65 7271701 Barbital cordial, m. g., pr.

65 7271702 Beef, iron and wine, m. g., pr.

65 7271703 Cascara cordial, m. g., pr.

65 7271704 Colchicum seed wine, m. g., pr.

65 7271705 Ipecac wine, m. g., pr.

65 7271706 Pepsin cordial, m. g., pr.

65 7271707 Sherry wine, m. g., pr.

65 7271799 Wines and cordials, m. g., pr., not elsewhere classified

65 727190 Solutions, except in oil, containing alcohol, m. g., pr., not elsewhere classified

65 727200 Solutions not containing alcohol, except solutions in oil, m. g., pr.

65 727210 Glycerites, m. g., pr.

65 7272101 Glycerite of bismuth, m. g., pr.

65 7272102 Glycerite of boroglycerin, m. g., pr.

65 7272103 Glycerite of iodine and zinc iodide, m. g., pr. (Diluted Talbot's solution, m. g., pr.)

65 7272104 Glycerite of pepsin, m. g., pr.

65 7272105 Glycerite of phenol, m. g., pr.

65 7272106 Glycerite of starch, m. g., pr.

65 7272107 Glycerite of tannic acid, m. g., pr.

65 7272108 Glycerite of tragacanth, m. g., pr.

65 7272199 Glycerites, m. g., pr., not elsewhere classified

65 727220 \*Liniments not containing alcohol or oil, m. g., pr.

\*An asterisk (\*) to the left of commodity description signifies that Supplementary Code 65-1 is to be used.



DRUGS AND MEDICINES—Continued

PRESCRIPTION PHARMACEUTICALS AND PREPARATIONS CONTAINING

TWO OR MORE THERAPEUTIC AGENTS, m. g., pr.—Continued

*Liquid Preparations, m. g., pr.—Continued*

Solutions, except in oil, capsules, ampuls, and sterile vials, tubes and syringes, m. g., pr.—Continued

Solutions not containing alcohol, except solutions in oil, m. g., pr.—Continued

65 727230

Liquors not containing alcohol or oil, m. g., pr.

65 72723010 Anticoagulant solution of sodium citrate, m. g., pr.

65 72723020 Dextrose in isotonic sodium chloride solution, m. g., pr.

65 72723021 2.5 percent solution

65 72723022 5.0 percent solution

65 72723023 7.5 percent solution

65 72723024 10.0 percent solution

65 72723025 20.0 percent solution

65 72723026 25.0 percent solution

65 72723027 50.0 percent solution

65 72723029 Dextrose in isotonic sodium chloride solution, m. g., pr., not elsewhere classified

65 72723030 Dextrose in Lactate-Ringer's solution m. g., pr.

65 72723040 Dextrose in Ringer's solution, m. g., pr.

65 72723050 Compound solution of sodium borate, m. g., pr. (Dobell's solution, m. g., pr.)

65 72723060 Isotonic solution of three chlorides, m. g., pr. (Ringer's solution, m. g., pr.)

65 72723070 Silver nitrate and formaldehyde, Howe's treatment, m. g., pr.

65 72723080 Solution of aluminum acetate, m. g., pr. (Burow's solution, m. g., pr.)

65 72723110 Solution of aluminum chloride, m. g., pr.

65 72723120 Solution of aluminum subacetate, m. g., pr.

65 72723130 Solution of amaranth, m. g., pr.

65 72723140 Solution of ammonium acetate, m. g., pr.

65 72723150 Solution of ammonia, strong, m. g., pr.

65 72723160 Solution of ammonia, diluted, m. g., pr.

65 72723170 Solution of arsenious acid, m. g., pr.

65 72723180 Solution of arsenic and mercuric iodides, m. g., pr. (Donovan's solution, m. g., pr.)

65 72723210 \*Solution of calcium chloride, m. g., pr.

65 72723211 10 percent solution

65 72723219 Solution of calcium chloride, m. g., pr., not elsewhere classified

65 72723220 \*Solution of calcium gluconate, m. g., pr.

65 72723221 10 percent solution

65 72723222 20 percent solution

65 72723229 Solution of calcium gluconate, m. g., pr., not elsewhere classified

65 72723230 Solution of calcium hydroxide, m. g., pr.

65 72723240 Solution of chlorazodin (Azochloramid), m. g., pr.

65 72723250 Solution of chlorazodin (Azochloramid) in triacetin, m. g., pr.

65 72723260 Solution of ephedrine-chlorobutanol, isotonic, m. g., pr.

65 72723270 Solution of ferric chloride, m. g., pr.

65 72723310 Solution of ferric phosphate, m. g., pr.

65 72723320 Solution of indigo carmine, m. g., pr.

65 72723330 \*Solution of iodine, m. g., pr.

\*An asterisk (\*) to the left of commodity description signifies that Supplementary Code 65-1 is to be used.

DRUGS AND MEDICINES—Continued

PRESCRIPTION PHARMACEUTICALS AND PREPARATIONS CONTAINING

TWO OR MORE THERAPEUTIC AGENTS, m. g., pr.—Continued

*Liquid Preparations, m. g., pr.—Continued*

Solutions, except in oil, capsules, ampuls, and sterile vials, tubes and syringes, m. g., pr.—Continued

Solutions not containing alcohol, except solutions in oil, m. g., pr.—Continued

Liquors not containing alcohol or oil, m. g., pr.—Con.

65 72723340 \*Solution of iodine, phenolated, m. g., pr.

65 72723350 \*Solution of iodine, strong, m. g., pr.

65 72723360 Solution of magnesium citrate, m. g., pr.

65 72723370 Solution of merthiolate, m. g., pr.

65 72723410 \*Solution of nux vomica alkaloids, m. g., pr.

65 72723420 Solution of bismuth potassium tartrate, m. g., pr.

65 72723430 Solution of sodium hypochlorite, m. g., pr.

65 72723440 Solution of sodium hypochlorite, diluted, m. g., pr. (Modified Dakin's solution, m. g., pr.)

65 72723450 Solution of tribromoethanol, m. g., pr.

65 72723990 Liquors not containing alcohol or oil, m. g., pr., not elsewhere classified

65 727240 Sprays, not containing alcohol or oil, m. g., pr.

65 727250 Syrups, not containing alcohol or oil, m. g., pr.

65 7272501 Syrup of citric acid, m. g., pr.

65 7272502 Syrup of ferrous iodide, m. g., pr.

65 7272503 Syrup of hydriodic acid, m. g., pr.

65 7272599 Syrups, not containing alcohol or oil, m. g., pr., not elsewhere classified

65 727260 Waters, m. g., pr.

65 7272601 Hamamelis water, m. g., pr.

65 7272602 Phenolated water, m. g., pr.

65 7272699 Waters, m. g., pr., not elsewhere classified

65 727270 Vinegars, m. g., pr.

65 727290 Solutions, not containing alcohol, except solutions in oil, m. g., pr. not elsewhere classified

65 728000 Oleaginous liquid preparations, and solutions and suspensions in oil, except mixtures of marine liver oils, emulsions, and preparations in capsules, ampuls, and sterile vials, m. g., pr.

65 728100 Liniments, solutions in oil, m. g., pr.

65 728101 Acetic liniment of turpentine, m. g., pr. (Stoke's liniment, m. g., pr.)

65 728102 Ammonia liniment, m. g., pr.

65 728103 Calamine liniment, m. g., pr.

65 728104 Neocalamine liniment, m. g., pr.

65 728105 Turpentine liniment, m. g., pr. (Kentish ointment, m. g., pr.)

65 728199 Liniments, solutions in oil, m. g., pr., not elsewhere classified

65 728200 Sprays, solutions in oil, m. g., pr.

65 728201 Aromatic sprays, m. g., pr.

65 728202 Chlorobutanol inhalant, m. g., pr.

65 728203 Ephedrine spray, m. g., pr.

65 728299 Sprays, solutions in oil, m. g., pr., not elsewhere classified

65 728900 Miscellaneous oleaginous liquid preparations, m. g., pr.

65 728901 \*Oil of turpentine and linseed, m. g., pr.

65 728999 Oleaginous liquid preparations, and solutions and suspensions in oil, except mixtures of marine liver oils, emulsions, and preparations in capsules, ampuls, and sterile vials, m. g., pr., not elsewhere classified

65 729000 Liquid preparations, m. g., pr., not elsewhere classified

\*An asterisk (\*) to the left of commodity description signifies that Supplementary Code 65-1 is to be used.



# DRUGS AND MEDICINES—Continued

## PRESCRIPTION PHARMACEUTICALS AND PREPARATIONS CONTAINING TWO OR MORE THERAPEUTIC AGENTS, m. g., pr.—Continued

65 730000	<i>Ampuls, and Sterile Vials, Tubes and Syringes, Except Polyvitamin, m. g., pr.</i>
65 731000	Dry-filled ampuls, sterile vials and tubes, m. g., pr.
65 731010	Acacia with sodium chloride, ampuls, m. g., pr.
65 731990	Dry-filled ampuls, sterile vials and tubes, m. g., pr., not elsewhere classified
65 732000	Liquid-filled ampuls, and sterile vials, tubes and syringes, m. g., pr.
65 732010	Bismuth subsalicylate with butyn in oil, ampuls, m. g., pr.
65 732020	Bismuth subsalicylate with chlorobutanol in oil, ampuls, m. g., pr.
65 732030	*Caffeine sodium benzoate and digitalis, for injection, ampuls, m. g., pr.
65 732040	Iodobismutol with saligenin, ampuls, m. g., pr.
65 732050	Metycaine, epinephrine, solution, ampuls, m. g., pr.
65 732060	Potassium bismuth tartrate with butyn in oil, ampuls, m. g., pr.
65 732070	Procaine hydrochloride, epinephrine, solution, ampuls, m. g., pr.
65 732080	Procaine hydrochloride, epinephrine bitartrate, solution, ampuls, m. g., pr.
65 732110	Procaine hydrochloride with strychnine sulfate, ampuls, m. g., pr. (Spinocaine, m. g., pr.)
65 732120	Salycrgan-theophylline, solution, ampuls, m. g., pr.
65 732130	Sodium morrhuate with benzyl alcohol, ampuls, m. g., pr.
67 732140	Sodium morrhuate with quinine, ampuls, m. g., pr.
65 732150	Solution of dial with urethane, ampuls, m. g., pr.
65 732990	Liquid-filled ampuls, and sterile vials, tubes and syringes, m. g., pr., not elsewhere classified
65 739000	Ampuls, and sterile vials, tubes and syringes, except polyvitamin, m. g., pr., not elsewhere classified
65 740000	<i>Cerates, m. g., pr.</i>
65 740100	Simple cerate, m. g., pr.
65 740200	Rosin cerate, m. g., pr.
65 740300	Cantharides cerate, m. g., pr.
65 740400	Cerate of lead subacetate, m. g., pr. (Goulard's cerate, m. g., pr.)
65 740500	Compound cerate of rosin, m. g., pr. (Deshler's salve, m. g., pr.)
65 749900	Cerates, m. g., pr., not elsewhere classified
65 750000	<i>Jellies, m. g., pr.</i>
65 750100	*Acridlavine teat jelly, m. g., pr.
65 750200	Aluminum hydroxide gel, m. g., pr.
65 750210	Dried, m. g., pr.
65 750290	Aluminum hydroxide gel, m. g., pr., not elsewhere classified
65 750300	Ephedrine sulfate jelly, m. g., pr. (Ephedrine jelly, m. g., pr.)
65 750400	Ephedrine-butesin jelly, m. g., pr.
65 750500	Jelly, lubricating, m. g., pr.
65 750600	Merthiolate jelly, m. g., pr.
65 750700	Neo-synephrine hydrochloride jelly, m. g., pr.
65 750800	Propadrine hydrochloride jelly, m. g., pr.
65 759900	Jellies, m. g., pr., not elsewhere classified
65 760000	<i>Ointments, m. g., pr.</i>
65 760100	*Belladonna ointment, m. g., pr.
65 760200	*Benzoic and salicylic acid ointment, m. g., pr. (Whitfield's ointment, m. g., pr.)
65 760300	Biereol bismuth cream, m. g., pr. (Contains metallic bismuth, creosote and camphor)
65 760400	Boric acid ointment, m. g., pr.
65 760500	Butyn sulfate ointment, m. g., pr.
65 760600	Butyn sulfate and metaphen ointment, m. g., pr.
65 760700	Calamine ointment, m. g., pr. (Turner's cerate, m. g., pr.)
65 760800	Camphor ointment, m. g., pr.
65 761100	Capsicum ointment, m. g., pr.
65 761200	Chrysarobin ointment, m. g., pr.

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**DRUGS AND MEDICINES—Continued**

**PRESCRIPTION PHARMACEUTICALS AND PREPARATIONS CONTAINING**

**TWO OR MORE THERAPEUTIC AGENTS, m. g., pr.—Continued**

**Ointments, m. g., pr.—Continued**

65 761300	Coal tar, ointment of, m. g., pr.
65 761400	Cod liver oil with metaphen ointment, m. g., pr.
65 761500	Copper citrate ointment, m. g., pr.
65 761600	Dimazon ointment, m. g., pr.
65 761700	Diothane hydrochloride ointment, m. g., pr.
65 761800	Epinephrine ointment, m. g., pr.
65 762100	Ethyl aminobenzoate ointment, m. g., pr.
65 762200	Ichthammol ointment, m. g., pr.
65 762300	*Iodine ointment, m. g., pr.
65 762400	Iodized ointment, stainless, m. g., pr.
65 762500	Lead oleate ointment, m. g., pr. (Unguentum diachylon, m. g., pr.)
65 762600	Lunosol ointment, m. g., pr.
65 762700	Menthol, compound ointment of, m. g., pr.
65 762800	Merthiolate ointment, m. g., pr.
65 763100	Metaphen ointment, m. g., pr.
65 763200	Metycaine ointment, m. g., pr.
65 763300	Mustard, ointment of, m. g., pr.
65 763400	Neo-calamine ointment, m. g., pr.
65 763500	Nupercainal ointment, m. g., pr.
65 763600	Ointment containing mercury and/or derivatives, m. g., pr.
65 763610	*Ammoniated mercury ointment, m. g., pr.
65 763620	*Mercuric nitrate ointment, m. g., pr. (Citrine ointment, m. g., pr.)
65 763630	*Mercurial ointment, strong, m. g., pr.
65 763640	*Mercurial ointment, mild, m. g., pr. (Diluted mercurial ointment, m. g., pr.)
65 763650	*Mild mercurous chloride ointment, m. g., pr. (Calomel ointment, m. g., pr.)
65 763660	*Red mercuric oxide ointment, m. g., pr.
65 763670	*Yellow mercuric oxide ointment, m. g., pr.
65 763690	*Ointments containing mercury and/or derivatives, m. g., pr., not elsewhere classified
65 763700	Ointments containing sulfur, m. g., pr.
65 763710	*Sulfur, alkaloid ointment of, m. g., pr.
65 763720	*Sulfur, compound ointment of, m. g., pr. (Wilkinson's ointment, m. g., pr.)
65 763730	*Sulfur ointment, m. g., pr.
65 763790	*Ointments containing sulfur, m. g., pr., not elsewhere classified
65 763800	*Phenol ointment, m. g., pr.
65 764100	Potassium iodide, ointment of, m. g., pr.
65 764200	Protein silver, mild, ointment, m. g., pr.
65 764300	Pyrethrum ointment, m. g., pr.
65 764400	*Resorcinol, compound ointment of, m. g., pr.
65 764500	Scarlet red ointment, m. g., pr.
65 764600	Stramonium ointment, m. g., pr.
65 764700	*Sulfadiazine ointment, m. g., pr.
65 764710	*Sulfadiazine ointment, 5% water soluble base, m. g., pr.
65 764790	*Sulfadiazine ointment, m. g., pr., not elsewhere classified
65 764800	*Tannic acid ointment, m. g., pr.
65 764810	*Tannic acid ointment, 20%, m. g., pr.
65 764820	*Tannic acid ointment, 10%, with sulfadiazine, 5%, water soluble base, m. g., pr.
65 764890	*Tannic acid ointment, m. g., pr., not elsewhere classified
65 765100	Tar, compound ointment of, m. g., pr.
65 765200	White ointment, m. g., pr.
65 765300	Yellow ointment, m. g., pr.
65 765400	Yellow oxide of mercury, epinephrine and phenol ointment, m. g., pr.
65 765500	*Zinc oxide ointment, m. g., pr.
65 765600	*Zinc stearate ointment, m. g., pr.
65 769900	Ointments, m. g., pr., not elsewhere classified

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DRUGS AND MEDICINES—Continued

PRESCRIPTION PHARMACEUTICALS AND PREPARATIONS CONTAINING  
TWO OR MORE THERAPEUTIC AGENTS, m. g., pr.—Continued

65 770000	<i>Oleates, m. g., pr.</i>
65 770100	Oleate of mercury, m. g., pr.
65 779900	Oleates, m. g., pr., not elsewhere classified
65 780000	<i>Pastes, m. g., pr.</i>
65 780100	*Paste of bismuth, m. g., pr. (Beck's bismuth paste, m. g., pr.)
65 780200	Pastes containing pectin, m. g., pr.
65 780210	Pectin paste, m. g., pr.
65 780220	Thin pectin paste, m. g., pr.
65 780290	Pastes containing pectin, m. g., pr., not elsewhere classified
65 780300	*Pastes containing resorcinol, m. g., pr.
65 780310	*Strong paste of resorcinol, m. g., pr. (Lassar's stronger resorcinol paste, m. g., pr.)
65 780320	*Mild paste of resorcinol, m. g., pr. (Lassar's mild resorcinol paste, m. g., pr.)
65 780390	*Pastes containing resorcinol, m. g., pr., not elsewhere classified
65 780400	*Pastes of zinc oxide, m. g., pr.
65 780410	*Paste of zinc oxide, plain, m. g., pr. (Lassar's plain zinc paste, m. g., pr.)
65 780420	*Paste of zinc oxide with salicylic acid, m. g., pr. (Lassar's zinc paste with salicylic acid, m. g., pr.)
65 780430	*Hard paste of zinc oxide, m. g., pr. (Unna's hard zinc paste, m. g., pr.)
65 780440	*Soft paste of zinc oxide, m. g., pr. (Unna's soft zinc paste, m. g., pr.)
65 780490	*Pastes of zinc oxide, m. g., pr., not elsewhere classified
65 789900	*Pastes, m. g., pr., not elsewhere classified
65 790000	<i>Miscellaneous Prescription Pharmaceuticals and Preparations, Containing Two or More Therapeutic Agents, m. g., pr.</i>
65 791000	Cataplasms, m. g., pr.
65 791100	Cataplasm of kaolin, m. g., pr.
65 791900	Cataplasms, m. g., pr., not elsewhere classified
65 792000	Glycerogelatin, m. g., pr.
65 793000	Magmas, m. g., pr.
65 793100	Bismuth magma, m. g., pr.
65 793200	Magnesia magma, m. g., pr. (Milk of Magnesia, m. g., pr.)
65 793900	Magmas, m. g., pr., not elsewhere classified
65 794000	Petroxolins, m. g., pr.
65 794100	Liquid petroxolin, m. g., pr. (Liquid petrox, m. g., pr.)
65 794200	Solid petroxolin, m. g., pr. (Solid petrox, m. g., pr.)
65 794900	Petroxolins, m. g., pr., not elsewhere classified
65 795000	Plasters, m. g., pr.
65 795100	Belladonna plaster, m. g., pr.
65 795200	Plaster of cantharides, m. g., pr.
65 795300	Plaster of lead oleate, m. g., pr.
65 795400	Mustard plaster, m. g., pr.
65 795900	Plasters, m. g., pr., not elsewhere classified
65 796000	Suppositories, m. g., pr.
65 796010	Amytal sodium suppositories, m. g., pr.
65 796020	Barbital sodium suppositories, m. g., pr.
65 796030	Boroglycerin suppositories, m. g., pr.
65 796040	Carbarsone suppositories, m. g., pr.
65 796050	Digitalis principles, suppositories of, m. g., pr.
65 796060	Dilaudid hydrochloride suppositories, m. g., pr.
65 796070	Epinephrine suppositories, m. g., pr.
65 796080	Estrone suppositories, m. g., pr.
65 796110	Glycerin suppositories, m. g., pr.
65 796120	Mercurin suppositories, m. g., pr.
65 796130	Mercurochrome suppositories, m. g., pr.
65 796140	Merthiolate suppositories, m. g., pr.
65 796150	Neo-silvol suppositories, m. g., pr.
65 796160	Pentobarbital sodium suppositories, m. g., pr.
65 796170	Protein silver, mild, suppositories, m. g., pr.
65 796180	Seconal sodium suppositories, m. g., pr.
65 796990	Suppositories, m. g., pr., not elsewhere classified

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DRUGS AND MEDICINES—Continued

PRESCRIPTION PHARMACEUTICALS AND PREPARATIONS CONTAINING TWO OR MORE THERAPEUTIC AGENTS, m. g., pr.—Continued  
*Miscellaneous Prescription Pharmaceuticals and Preparations, Containing Two or More Therapeutic Agents, m. g., pr.—Continued*

- 65 799000 Prescription pharmaceuticals and preparations containing two or more therapeutic agents, m. g., pr., not elsewhere classified
- 65 800000 PROPRIETARY REMEDIES, NONPRESCRIPTION PHARMACEUTICALS, CONTAINING TWO OR MORE MEDICINAL AGENTS, FOR HUMAN AND ANIMAL USE, m. g., npr.<sup>6</sup>
- 65 810000 *Remedies for Human Use, m. g., npr.*
- 65 811000 Remedies for alimentary use, except rectal applications, m. g., npr.
- 65 811100 Digestive remedies, including digestive tonics and appetizers, m. g., npr.
- 65 811200 Laxatives, purgatives and cathartics, m. g., npr.
- 65 811300 Remedies for liver disorders, m. g., npr.
- 65 811900 Remedies for alimentary use, except rectal applications, m. g., npr., not elsewhere classified
- 65 812000 Remedies for cardiac, circulatory and hematic disorders, m. g., npr.
- 65 812100 Remedies for cardiac and circulatory disorders, m. g., npr.
- 65 812200 Remedies for hematic disorders, including malaria, chill and fever remedies, "blood tonics and purifiers", m. g., npr.
- 65 813000 Remedies for use in dermal injuries and disorders, including burns, cuts, skin diseases and inflammation, insect bites, fungus infection (athlete's foot), corns, callouses and similar dermal ailments, m. g., npr.
- 65 814000 Remedies for orificial use, except in respiratory ailments, m. g., npr.
- 65 814100 Remedies for use in ear, eye and mouth, except in respiratory ailments, m. g., npr.
- 65 814200 Rectal and urethral remedies, m. g., npr.
- 65 814300 Vaginal remedies, including personal antiseptics, m. g., npr.
- 65 814900 Remedies for orificial use, except in respiratory ailments, m. g., npr., not elsewhere classified
- 65 815000 Remedies for respiratory ailments, m. g., npr.
- 65 815100 Cold, cough and bronchial remedies, including gargles, m. g., npr.
- 65 815200 Asthma, hay fever and catarrhal remedies, m. g., npr.
- 65 815900 Remedies for respiratory ailments, m. g., npr., not elsewhere classified
- 65 816000 Remedies for urogenital ailments, except orificial, m. g., npr.
- 65 816100 Remedies for kidney and bladder ailments, m. g., npr.
- 65 816200 Remedies for uterine and menstrual ailments, except menstrual pains, m. g., npr.
- 65 816900 Remedies for urogenital ailments, except orificial, m. g., npr., not elsewhere classified
- 65 817000 Analgesics for localized pains (except dermal, and including menstrual pains, headache, pains in joints, muscles, nerves) and antipyretics, m. g., npr.
- 65 819000 Remedies for human use, m. g., npr., not elsewhere classified
- 65 820000 *Remedies for Animal Use, m. g., npr.*
- 65 821000 Animal remedies for alimentary use, except antiparasitics, m. g., npr.
- 65 821100 Digestive remedies, including appetizers, stomachics and tonics, m. g., npr.
- 65 821200 Laxatives, purgatives, and cathartics, m. g., npr.
- 65 821300 Internal astringents, m. g., npr.
- 65 821900 Animal remedies for alimentary use, except antiparasitics, m. g., npr., not elsewhere classified
- 65 822000 Animal remedies for cardiac, circulatory and hematic disorders, m. g., npr.

<sup>6</sup> The abbreviation, npr., signifies nonprescription. Use the classification code given on page 534 for types of preparations and pharmaceutical forms on the 7th and 8th digits.



**DRUGS AND MEDICINES—Continued**

**PROPRIETARY REMEDIES, NONPRESCRIPTION PHARMACEUTICALS, CONTAINING TWO OR MORE MEDICINAL AGENTS, FOR HUMAN AND ANIMAL USE, m. g., npr.—Continued**

*Remedies for Animal Use, m. g., npr.—Continued*

- 65 823000 Animal remedies for use in dermal injuries and localized inflammation, including blistering remedies, counterirritants, astringents for external use and remedies for burns, cuts, skin diseases, corns, callouses and similar dermal ailments, except those due to external parasites, m. g., npr.
- 65 824000 Animal remedies for respiratory ailments, m. g., npr.
- 65 825000 Animal remedies acting upon the urogenital system, including mammary glands, m. g., npr.
- 65 826000 Analgesics and antipyretics, m. g., npr.
- 65 827000 Antiparasitics, external, including remedies for control of mange mites, fleas, lice, hair and feather insects, ticks, forest flies, larvae, gadflies, gnats, herpes, and favus, m. g., npr.
- 65 828000 Antiparasitics, internal, m. g., npr.
- 65 829000 Remedies for animal use, m. g., npr., not elsewhere classified

**Classification for Types of Preparations and Pharmaceutical Forms To Be Used in Group 65 800000 on the 7th and 8th Digits**

- 00 Dry Preparations and Pharmaceuticals
- 01 Capsules, dry-filled, hard
- 02 Lozenges, pastils, troches and similar forms
- 03 Pills
- 04 Powders
- 05 Salts
- 06 Tablets
- 09 Dry preparations and pharmaceuticals, not elsewhere classified
- 10 Liquid Preparations and Pharmaceuticals, Except Solutions and Oleaginous Liquids Not in Capsules
- 11 Capsules, liquid-filled, soft elastic
- 12 Collodions
- 13 Emulsions
- 14 Lotions
- 15 Magmas
- 16 Mixtures, liquid
- 17 Mucilages
- 19 Liquid preparations and pharmaceuticals, except solutions and oleaginous liquids not in capsules, not elsewhere classified
- 20 Solutions, Except in Oil and in Capsules, Containing Alcohol
- 21 Cordials
- 22 Elixirs
- 23 Liniments, nonoleaginous, and containing alcohol
- 24 Liquors, nonoleaginous, and containing alcohol
- 25 Spirits
- 26 Syrups, containing alcohol
- 27 Tinctures and compound tinctures
- 28 Wines
- 29 Solutions, except in oil and in capsules, containing alcohol, not elsewhere classified
- 30 Solutions, Except in Oil and in Capsules, Not Containing Alcohol
- 31 Glycerites
- 32 Liniments, nonoleaginous, and not containing alcohol
- 33 Liquors, nonoleaginous, and not containing alcohol
- 34 Sprays, nonoleaginous, and not containing alcohol
- 35 Syrups, not containing alcohol
- 36 Waters
- 37 Vinegars
- 39 Solutions, except in oil and in capsules, not containing alcohol, not elsewhere classified

**DRUGS AND MEDICINES—Continued**

PROPRIETARY REMEDIES, NONPRESCRIPTION PHARMACEUTICALS, CONTAINING TWO OR MORE MEDICINAL AGENTS, FOR HUMAN AND ANIMAL USE., m. g., npr.—Continued

*Classification for Types of Preparations and Pharmaceutical Forms—Continued*

- 40 Oleaginous Liquid Preparations and Solutions and Suspensions in Oil, Except Emulsions, and Preparations in Capsules
  - 41 Oleaginous liquid preparations in which marine liver oils are secondary ingredients
  - 42 Liniments, oleaginous
  - 43 Sprays, oleaginous
  - 49 Oleaginous liquid preparations and solutions and suspensions in oil, except emulsions, and preparations in capsules, not elsewhere classified
  - 50 Jellies
  - 60 Ointments and Pastes
  - 70 Plasters
  - 80 Suppositories
  - 90 Preparations and Pharmaceuticals, Not Elsewhere Classified
- 65 900000 DRUGS AND MEDICINES, NOT ELSEWHERE CLASSIFIED

**SUPPLEMENTARY CODES FOR MAJOR GROUP 65:  
DRUGS AND MEDICINES**

**SUPPLEMENTARY CODE 65-1 FOR FIELDS OF MEDICAL PRACTICE**

- 1 Human
- 2 Animal

**SUPPLEMENTARY CODE 65-2 FOR PHARMACEUTICAL FORMS**

- 0 Drugs and medicines not in dosage forms nor hermetic containers
- 1 Ampuls
- 2 Sterile flasks and tubes
- 3 Sterile syringes
- 4 Sterile vials
- 5 Capsules
- 6 Tablets, pills, and similar forms
- 7 Cylinders
- 8 Automatic closing tubes
- 9 Pharmaceutical forms, not elsewhere classified

**SUPPLEMENTARY CODE 65-3 FOR TYPES OF ADMINISTRATION**

- 1 Parenteral
- 2 Nonparenteral





## MAJOR GROUP 66—TOILETRIES, COSMETICS, SOAP, AND HOUSEHOLD CHEMICAL PREPARATIONS

66 0000	TOILETRIES, COSMETICS, SOAP, AND HOUSEHOLD CHEMICAL PREPARATIONS
66 1000	TOILETRIES
66 1100	Perfumes
66 1110	Liquid, containing alcohol
66 1120	Liquid, containing no alcohol
66 1130	Solid
66 1190	Perfumes, not elsewhere classified
66 1200	Toilet Waters
66 1210	Containing alcohol
66 1220	Containing no alcohol
66 1300	Floral Waters
66 1400	Colognes
66 1900	Toiletries, Not Elsewhere Classified
66 2000	COSMETIC PREPARATIONS, EXCEPT POWDER
66 2100	Creams
66 2110	Creams, cleansing
66 2111	Cold creams, including theatrical
66 2112	Liquefying cream
66 2113	Cucumber cream
66 2114	All-purpose cream, including 4-purpose
66 2115	Lemon cream
66 2116	Almond cream
66 2117	Olive-oil cream
66 2118	Theatrical make-up remover
66 2119	Creams, cleansing, not elsewhere classified
66 2120	Creams, lubricating
66 2121	Texture cream
66 2122	Emollient cream
66 2123	Lanolin cream
66 2124	Night cream
66 2125	Dry-skin cream
66 2126	Eye, neck, or throat cream
66 2127	Vitamin cream
66 2128	Gland cream
66 2129	Creams, lubricating, not elsewhere classified
66 2130	Creams, protective
66 2131	Vanishing cream
66 2132	Foundation cream
66 2133	Finishing cream
66 2134	Astringent creams
66 2135	Suntan cream
66 2136	Hand cream
66 2137	Theatrical foundation cream
66 2138	Theatrical grease paint
66 2139	Creams, protective, not elsewhere classified
66 2190	Miscellaneous creams
66 2191	Foot cream
66 2192	Acne cream
66 2193	Bleach cream
66 2194	Massage cream
66 2195	Eye shadow cream
66 2199	Creams, not elsewhere classified
66 2200	Cosmetic Oils
66 2210	Suntan
66 2220	Bath

TOILETRIES, COSMETICS, SOAP, AND HOUSEHOLD CHEMICAL  
PREPARATIONS—Continued

COSMETIC PREPARATIONS, EXCEPT POWDER—Continued

*Cosmetic Oils*—Continued

66 2230	Muscle
66 2290	Cosmetic oils, not elsewhere classified
66 2300	<i>Lotions, Except Hair Lotions</i>
66 2310	Cosmetic
66 2311	Containing alcohol
66 2312	Containing no alcohol
66 2320	Hand
66 2321	Containing alcohol
66 2322	Containing no alcohol
66 2330	Face
66 2331	Containing alcohol
66 2332	Containing no alcohol
66 2340	Astringent
66 2350	Bleach, except hair lotions
66 2360	Suntan
66 2370	Foot
66 2390	Lotions, except hair lotions, not elsewhere classified
66 2400	<i>Lip Preparations</i>
66 2410	Lipsticks
66 2420	Lip rouge, cream
66 2430	Lip rouge, liquid cream
66 2440	Lip color, liquid
66 2450	Lip pomade, colorless
66 2460	Lip pomade, colored
66 2490	Lip preparations, not elsewhere classified
66 2500	<i>Rouges, Including Theatrical</i>
66 2510	Cream
66 2520	Cake
66 2530	Powder
66 2540	Compact, dry
66 2550	Compact, cream
66 2590	Rouges, including theatrical, not elsewhere classified
66 2600	<i>Deodorants and Depilatories for Human Use</i>
66 2610	Deodorants, cream
66 2611	Non-anti-perspirant
66 2612	Anti-perspirant
66 2620	Deodorant sticks
66 2630	Deodorant ice
66 2640	Deodorants, liquid
66 2641	Non-anti-perspirant
66 2642	Anti-perspirant
66 2650	Deodorant powders
66 2660	Depilatories
66 2661	Depilatories, powder
66 2662	Depilatories, cream, except greaseless
66 2663	Depilatories, cream, greaseless
66 2664	Depilatory wax
66 2665	Depilatory abrasives
66 2669	Depilatories for human use, not elsewhere classified
66 2690	Deodorants for human use, not elsewhere classified
66 2700	<i>Hair Preparations</i>
66 2710	Shampoos
66 2711	Shampoo soap, liquid
66 27111	Containing alcohol, coconut or added glycerin
66 27112	Containing no alcohol, coconut or added glycerin
66 27113	Containing tars
66 27119	Shampoo soap, liquid, not elsewhere classified
66 2712	Shampoo soap, solid
66 2713	Shampoo soap, powder
66 2714	Shampoo, soapless, powder, except dry shampoo
66 2715	Shampoo, soapless, liquid
66 2716	Shampoo, soapless, jelly
66 2717	Shampoo, dry
66 2718	Oil shampoo
66 2719	Shampoos, not elsewhere classified



**TOILETRIES, COSMETICS, SOAP, AND HOUSEHOLD CHEMICAL  
PREPARATIONS—Continued**

**COSMETIC PREPARATIONS, EXCEPT POWDER—Continued**

**Hair Preparations—Continued**

- 66 2720 Hair and related lotions
- 66 2721 Hair tonics, containing alcohol
- 66 2722 Hair tonics, containing no alcohol
- 66 2723 Permanent wave lotions (include cream)
- 66 2724 Lotions for grey hair
- 66 2729 Hair and related lotions, not elsewhere classified
- 66 2730 Brilliantines
- 66 2731 Liquid
- 66 2732 Solid
- 66 2733 Eyebrow
- 66 2739 Brilliantines, not elsewhere classified
- 66 2740 Hair dyes and rinses
- 66 2741 Dye, hair
- 66 2742 Dye, eyebrow and eyelash
- 66 2743 Hair bleaches
- 66 2744 Hair rinses and tints
- 66 2790 Miscellaneous hair preparations
- 66 2791 Wave-set preparations
- 66 2792 Hair dressing preparations
- 66 2793 Hair grower
- 66 2794 Hair lacquer
- 66 2795 Hair whitener
- 66 2796 Hair pomade
- 66 2797 Hair straightener
- 66 2798 Marcel cream
- 66 2799 Hair preparations, not elsewhere classified

**Manicuring Preparation**

- 66 2810 Nail lacquers (nail enamels) and nail lacquer removers
- 66 2811 Lacquer, opaque
- 66 2812 Lacquer, translucent
- 66 2813 Lacquer remover
- 66 2819 Nail lacquers (nail enamels), not elsewhere classified
- 66 2820 Nail bleach and nail white
- 66 2821 Nail bleach
- 66 2822 Nail white, pencil
- 66 2823 Nail white, paste
- 66 2830 Powder, nail polish
- 66 2831 Containing tin oxide
- 66 2832 Containing no tin oxide
- 66 2840 Pastes, nail polish
- 66 2841 Containing tin oxide
- 66 2842 Containing no tin oxide
- 66 2850 Cuticle preparations
- 66 2851 Cuticle oil, including nail oil
- 66 2852 Cuticle remover (include cuticle softener)
- 66 2853 Cuticle cream
- 66 2859 Cuticle preparations, not elsewhere classified
- 66 2890 Miscellaneous manicuring preparations
- 66 2891 Manicuring cream
- 66 2899 Manicuring preparations, not elsewhere classified

**Miscellaneous Cosmetic Preparations, Except Powder**

- 66 2901 Bubble bath
- 66 2902 Bath salts
  - 66 29021 Perfumed
  - 66 29022 Not perfumed
- 66 2903 Body rub
- 66 2904 Mascara
- 66 2905 Milk bath
- 66 2906 Mustache wax
- 66 2907 Stockings, cosmetic
- 66 2908 Eyebrow pencils, including theatrical
- 66 2911 Packs
  - 66 29111 Clay
  - 66 29112 Oatmeal



TOILETRIES, COSMETICS, SOAP, AND HOUSEHOLD CHEMICAL  
PREPARATIONS—Continued

COSMETIC PREPARATIONS, EXCEPT POWDER—Continued

Miscellaneous Cosmetic Preparations, Except Powder—Continued  
Packs—Continued

- 66 29113 Youth
- 66 29119 Packs, not elsewhere classified
- 66 2912 Denture adhesives
- 66 2999 Cosmetic preparations, except powder, not elsewhere classified

POWDER

- 66 3100 *Powder, Baby*
- 66 3110 Talc base
- 66 3111 Containing metallic oxides
- 66 3112 Containing no metallic oxides
- 66 3120 Zinc stearate base
- 66 3121 Containing metallic oxides
- 66 3122 Containing no metallic oxides
- 66 3130 Borated
- 66 3190 Powder, baby, not elsewhere classified
- 66 3200 *Powder, Toilet*
- 66 3210 Powder, dusting (include body and bath powder)
- 66 3220 Sachet
- 66 3230 Talcum
- 66 3231 Borated
- 66 3232 Non-borated
- 66 3240 Talc, after shave
- 66 3250 Zinc stearate
- 66 3290 Powder, toilet, not elsewhere classified
- 66 3300 *Powder, Face*
- 66 3310 Loose, except theatrical
- 66 3320 Theatrical
- 66 3330 Compact
- 66 3340 Stick
- 66 3390 Powder, face, not elsewhere classified
- 66 3400 *Powder, Cream*
- 66 3410 Theatrical
- 66 3420 Except theatrical
- 66 3500 *Powder, Paste*
- 66 3600 *Powder, Liquid, Including Blemish Concealers*
- 66 3610 Liquid powder, theatrical
- 66 3620 Power, liquid, including blemish concealers, except theatrical
- 66 3900 *Powder, Not Elsewhere Classified*

SHAVING PREPARATIONS

- 66 4100 *Shaving Cream*
- 66 4110 Lather
- 66 4120 Brushless
- 66 4200 *Shaving Soap*
- 66 4210 Stick
- 66 4220 Bowl
- 66 4230 Cake
- 66 4240 Liquid
- 66 4290 Shaving soap, not elsewhere classified
- 66 4300 *After-Shave Styptics*
- 66 4310 Powder
- 66 4320 Stick
- 66 4330 Liquid
- 66 4400 *After-Shave Lotions*
- 66 4410 Containing alcohol
- 66 4420 Containing no alcohol
- 66 4500 *Beard Softener*
- 66 4900 *Shaving Preparations, Not Elsewhere Classified*

DENTIFRICES

- 66 5100 *Cleanser, Tooth Paste*
- 66 5110 Containing alcohol or glycerin
- 66 5120 Containing no alcohol or glycerin
- 66 5200 *Cleanser, Tooth Powder*
- 66 5210 Containing sodium perborate
- 66 5220 Containing no sodium perborate
- 66 5300 *Cleanser, Tooth, Liquid*

**TOILETRIES, COSMETICS, SOAP, AND HOUSEHOLD CHEMICAL PREPARATIONS**—Continued

**DENTRIFICES**—Continued

- 66 5400 *Cleaner, Denture*
- 66 5500 *Tooth Whitener*
- 66 5900 *Dentrifrices, Not Elsewhere Classified*
- 66 6000 **SOAP, EXCEPT SHAVING SOAP, SHAMPOOS AND SURFACE ACTIVE WETTING AGENTS**

**Toilet Soap**

- 66 6100 **Bar soap**
- 66 6111 Milled
- 66 6112 Floating
- 66 6113 Transparent
- 66 6114 Castile
- 66 6119 Bar soap, not elsewhere classified
- 66 6120 **Liquid soap**
- 66 6121 Castile soap, liquid
- 66 6122 Liquid soap, green
- 66 6123 Liquid soap, antiseptic
- 66 6124 Tincture of green soap
- 66 6129 Liquid soap, not elsewhere classified
- 66 6130 **Soft soap**
- 66 6131 Potash
- 66 6132 Paste
- 66 6139 Soft soap, not elsewhere classified
- 66 6140 **Medicated soap**
- 66 6141 Carbolic (phenol)
- 66 6142 Cresolic
- 66 6143 Mercury
- 66 6144 Sulfur
- 66 6145 Superfatted
- 66 6146 Tar
- 66 6149 Medicated soap, not elsewhere classified
- 66 6190 **Toilet soap, not elsewhere classified**

**Laundry Soap**

- 66 6210 **Bar laundry soap**
- 66 6211 White
- 66 6212 Yellow
- 66 6219 Bar laundry soap, not elsewhere classified
- 66 6220 **Laundry soap chips and flakes**
- 66 6221 Packaged
- 66 6222 Bulk
- 66 6230 **Laundry soap: granulated, powdered, beaded and spray**
- 66 6231 Granulated
- 66 6232 Powdered
- 66 6233 Beaded
- 66 6234 Spray
- 66 6290 **Laundry soap, not elsewhere classified**

**Scouring Soap**

- 66 6310 **Cake**
- 66 6320 Powder
- 66 6330 With metal wool or mesh
- 66 6390 Scouring soap, not elsewhere classified

**Soap Powder**

- 66 6400 **Textile Soap**
- 66 6510 Castor oil
- 66 6520 Cotton
- 66 6530 Wool
- 66 6540 Silk
- 66 6590 Textile soap, not elsewhere classified

**Miscellaneous Soap, Except Shaving Soap, Shampoos, and Surface Active Wetting Agents**

- 66 6910 Floor scrub
- 66 6920 Automobile
- 66 6930 Insecticide
- 66 6940 Mechanics'
- 66 6941 Bar
- 66 6942 Paste



# TOILETRIES, COSMETICS, SOAP, AND HOUSEHOLD CHEMICAL PREPARATIONS—Continued

SOAP, EXCEPT SHAVING SOAP, SHAMPOOS AND SURFACE ACTIVE WETTING AGENTS—Continued	
<i>Miscellaneous Soap, Except Shaving Soap, Shampoos, and Surface Active Wetting Agents—Continued</i>	
Mechanics'—Continued	
66 6943	Powder
66 6949	Mechanics' soap, not elsewhere classified
66 6950	Dry cleaning
66 6960	Dry soap (for use without water)
66 6990	Soap, except shaving soap, shampoos and surface active wetting agents, not elsewhere classified
66 7000	HOUSEHOLD CHEMICAL PREPARATIONS, PACKAGED
66 7100	<i>Household Pest Control Agents, Packaged</i>
66 7110	Rat poison
66 7120	Fly spray
66 7130	Moth repellents
66 7131	Liquid
66 7132	Solid
	66 71321 Naphthalene type
	66 71322 p-Dichlorobenzene type
	66 71329 Solid repellents, not elsewhere classified
66 7140	Ant poison
66 7150	Roach poison
66 7190	Household pest control agents, packaged, not elsewhere classified
66 7200	<i>Household Disinfectants and Deodorants, Packaged, Except for Human Use</i>
66 7210	Cresol-rosin soap solutions
66 7220	Phenolic preparations
66 7230	Mercurial phenols
66 7240	Chlorinated preparations
66 7290	Household disinfectants and deodorants, packaged, except for human use, not elsewhere classified
66 7300	<i>Household Washing, Scouring, and Cleansing Preparations, Packaged, Except Soap</i>
66 7310	Household ammonia
66 7320	Wallpaper and paint cleaner
66 7330	Soapless washing powders
66 7340	Dry-cleaning preparations and compounds
66 7350	Scouring powders
66 7360	Drain-pipe solvents and cleaners
66 7370	Glass-cleaning liquids
66 7380	Paint removers, packaged
66 7390	Household washing, scouring, and cleansing preparations, packaged, except soap, not elsewhere classified
66 7400	<i>Household Polishes and Related Preparations, Packaged</i>
66 7410	Automobile-body polish
66 7420	Shoe polishes and cleansers
66 7421	White
	66 74211 Liquid
	66 74212 Paste
66 7422	Except white
	66 74221 Liquid
	66 74222 Paste
66 7430	Floor and furniture polish and wax
66 7431	Liquid
66 7432	Paste
66 7439	Floor and furniture polish and wax, not elsewhere classified
66 7440	Leather dressings and finishes
66 7441	Harness dressing
66 7442	Saddle soap
66 7449	Leather dressings and finishes, not elsewhere classified
66 7450	Metal polish, except stove polish
66 7460	Stove polish
66 7470	Polishing cloths, chemically treated
66 7490	Household polishes and related preparations, packaged, not elsewhere classified



TOILETRIES, COSMETICS, SOAP, AND HOUSEHOLD CHEMICAL  
PREPARATIONS—Continued

HOUSEHOLD CHEMICAL PREPARATIONS, PACKAGED—Continued

*Household Textile Tints, Dyes and Bluing, Packaged*

- 66 7500 Household tints and dyes
- 66 7511 Household tints
- 66 7512 Household dyes
- 66 7520 Bluing
- 66 7590 Household textile tints, dyes and bluing, packaged, not elsewhere classified
- 66 7600 *Household Adhesives and Cements, Packaged*
- 66 7601 Collodion adhesives
- 66 7602 Starch pastes
- 66 7603 Gum arabic paste
- 66 7604 Fish glue paste
- 66 7605 Porcelain cement
- 66 7606 Tile cement
- 66 7607 Patching plasters
- 66 7608 Plastic wood preparations
- 66 7611 Iron cement
- 66 7612 Rubber cement
- 66 7699 Household adhesives and cements, packaged, not elsewhere classified

66 9000 TOILETRIES, COSMETICS, SOAP AND HOUSEHOLD CHEMICAL PREPARATIONS,  
NOT ELSEWHERE CLASSIFIED



## MAJOR GROUP 67—APPAREL, EXCEPT FOOTWEAR

- 67 0000 *APPAREL, EXCEPT FOOTWEAR*
- 67 1000 *UNDERWEAR*
- 67 1100 *Knit (Include Underwear Made of Knit Fabric)*
- 67 1110 Men's and boys'
  - 67 1111 Union suits
  - 67 1112 Undershirts
  - 67 1113 Shorts, trunks, drawers, briefs
  - 67 1119 Men's and boys' knit underwear, not elsewhere classified
- 67 1120 Women's and misses'
  - 67 1121 Union suits, combinations, and similar one-piece garments.
    - 67 11211 Circular-knit
    - 67 11212 Warp-knit
  - 67 1122 Vests and undershirts
    - 67 11221 Circular-knit
    - 67 11222 Warp-knit
  - 67 1123 Panties, step-ins, bloomers, and similar garments
    - 67 11231 Circular-knit
    - 67 11232 Warp-knit
  - 67 1124 Slips and petticoats
    - 67 11241 Circular-knit
    - 67 11242 Warp-knit
  - 67 1129 Women's and misses' knit underwear, not elsewhere classified
- 67 1130 Children's
  - 67 1131 Union suits, combinations, and similar one-piece garments.
  - 67 1132 Vests and undershirts
  - 67 1133 Panties, drawers, bloomers, and similar garments
  - 67 1134 Slips and petticoats
  - 67 1139 Children's knit underwear, not elsewhere classified
  - 67 1140 Infants' underwear (wrappers, undershirts, pants, bands)
- 67 1200 *Not Knit*
- 67 1210 Men's and boys'
  - 67 1211 Union suits
  - 67 1212 Undershirts
  - 67 1213 Shorts, trunks, drawers, briefs
  - 67 1219 Men's and boys' underwear, not knit, not elsewhere classified
- 67 1220 Women's and misses'
  - 67 1221 Union suits, combinations, and similar one-piece garments
  - 67 1222 Vests and undershirts
  - 67 1223 Panties, step-ins, bloomers, and similar garments
  - 67 1224 Slips and petticoats
  - 67 1229 Women's and misses' underwear, not knit, not elsewhere classified
- 67 1230 Children's
  - 67 1231 Union suits, combinations, and similar one-piece garments
  - 67 1232 Vests and undershirts
  - 67 1233 Panties, drawers, bloomers, and similar garments
  - 67 1234 Slips and petticoats
  - 67 1239 Children's underwear, not knit, not elsewhere classified
  - 67 1240 Infants' underwear (wrappers, undershirts, bands)
- 67 2000 *NIGHTWEAR*
- 67 2100 *Knit (Include Nightwear Made of Knit Fabric)*
- 67 2110 Men's and boys'
  - 67 2111 Pajamas
  - 67 2119 Men's and boys' knit nightwear, not elsewhere classified
- 67 2120 Women's and misses'
  - 67 2121 Pajamas
  - 67 2122 Nightgowns
  - 67 2129 Women's and misses' knit nightwear, not elsewhere classified



# APPAREL, EXCEPT FOOTWEAR—Continued

## NIGHTWEAR—Continued

### Knit (Include Nightwear Made of Knit Fabric)—Continued

- 67 2130 Children's
- 67 2131 Pajamas
- 67 2132 Nightgowns
- 67 2139 Children's knit nightwear, not elsewhere classified
- 67 2140 Infants'
- 67 2200 Not Knit
- 67 2210 Men's and boys'
- 67 2211 Pajamas
- 67 2212 Nightshirts
- 67 2219 Men's and boys' nightwear, not knit, not elsewhere classified
- 67 2220 Women's and misses'
- 67 2221 Pajamas
- 67 2222 Nightgowns
- 67 2229 Women's and misses' nightwear, not knit, not elsewhere classified
- 67 2230 Children's
- 67 2231 Pajamas
- 67 2232 Nightgowns
- 67 2239 Children's nightwear, not knit, not elsewhere classified
- 67 2240 Infants'

## OUTERWEAR

### Knit (Include Outerwear Made of Knit Fabric)

- 67 3100 Men's, youths', and boys'
- 67 3110 Sweaters, sweatercoats, and jackets
- 67 3111 Polo, tennis, and Basque shirts
- 67 3112 Sweat shirts
- 67 3113 Overcoats and topcoats
- 67 3116 Ski and snow suits
- 67 3117 Bathrobes, beachrobes, and lounging garments
- 67 3118 Bathing suits and trunks
- 67 3119 Men's, youths', and boys' knit outerwear, not elsewhere classified
- 67 3120 Women's, misses', and juniors'
- 67 3121 Dresses and suits
- 67 3122 Blouses and shirtwaists
- 67 3123 Sweaters, sweatercoats, and jackets
- 67 3124 Ski and snowsuits
- 67 3125 Bathing suits
- 67 3126 Slacks and slack suits
- 67 3127 Bathrobes, beach robes, and lounging garments
- 67 3128 Bed jackets and shoulderettes
- 67 3129 Women's, misses', and juniors' knit outerwear, not elsewhere classified
- 67 3130 Children's
- 67 3131 Dresses
- 67 3132 Suits
- 67 3133 Blouses, polo shirts, Basque shirts
- 67 3134 Sweaters, sweatercoats, and jackets
- 67 3135 Ski and snowsuits
- 67 3136 Bathing suits
- 67 3139 Children's knit outerwear, not elsewhere classified
- 67 3140 Infants'
- 67 3200 Not knit
- 67 3210 Men's, youths', and boys'
- 67 3211 Suits
- 67 32111 Tuxedo and dress suits
- 67 32112 Summer-weight suits
- 67 32119 Suits, not elsewhere classified
- 67 3212 Work and sport clothing, except safety clothing
- 67 32121 Overall garments, including dungarees
- 67 32122 Work pants and breeches
- 67 32123 Work and flannel shirts
- 67 32124 Mackinaws, jackets, and blanket-lined coats
- 67 32125 Ski and snow suits and pants
- 67 32126 Hunting and riding clothes

**APPAREL, EXCEPT FOOTWEAR—Continued**

**OUTERWEAR—Continued**

**Not knit—Continued**

**Men's, youths', and boys'—Continued**

**Work and sport clothing, except safety clothing—Continued**

67 32127 Washable service apparel (for hospital, professional, and similar use)

67 32128 Shirts and slacks to match

67 32129 Work and sport clothing, except safety clothing, not elsewhere classified

67 3213 Separate coats and jackets, except work

67 3214 Separate trousers, slacks, breeches, and knickers

67 3215 Overcoats and topcoats

67 3216 Shirts, except work

67 32161 Sport shirts (include polo and tennis shirts)

67 32169 Shirts, except work, not elsewhere classified

67 3217 Bathrobes, beach robes, and lounging garments

67 3218 Uniforms

67 32181 Military, naval, and cadet

67 32182 Policemen, firemen, motormen, and conductors

67 3219 Men's, youths', and boys' outerwear, not knit, not elsewhere classified

67 3220 Women's, misses', and juniors'

67 3221 Dresses and ensembles, except house dresses

67 3222 Suits and uniforms, except work

67 3223 Separate coats and jackets, except rain wear

67 3224 Blouses and shirtwaists

67 3225 Separate skirts

67 3226 House dresses, nurses' uniforms, aprons, and other work clothing

67 3227 Play suits, shorts, slacks, bathing suits, and other athletic apparel

67 3228 Bath robes, beach robes, and lounging garments

67 3229 Women's, misses', and juniors' outerwear, not knit, not elsewhere classified

67 3230 Children's

67 3231 Coats

67 3232 Dresses

67 3233 Suits, except play suits

67 3234 Play suits

67 3235 Overalls

67 3236 Ski and snow suits, and pants

67 3239 Children's outerwear, not knit, not elsewhere classified

67 3240 Infants'

67 3241 Dresses

67 3242 Coats

67 3243 Rompers, sun suits, and juvenile novelties

67 3249 Infants' outerwear, not knit, not elsewhere classified

67 3300 *Leather and Sheep-lined Garments*

67 3310 Leather (include sheep-lined leather garments)

67 3320 Leather-lined

67 3330 Sheep-lined, except leather

67 3400 *Waterproof and Water-Repellent Garments, Except Safety Clothing*

67 3410 Rubber and rubberized

67 3420 Coated with resin

67 3430 Artificial leather

67 3440 Oiled cotton garments

67 3450 Oiled silk garments

67 3490 Waterproof and water-repellent garments, except safety clothing, not elsewhere classified

67 3900 *Miscellaneous Outerwear*

67 3910 Academic caps and gowns

67 3920 Vestments

67 3921 Ecclesiastical

67 3922 Fraternal and official

67 3929 Vestments, not elsewhere classified

67 3930 Theatrical and masquerade costumes

67 3990 Outerwear, not elsewhere classified

APPAREL, EXCEPT FOOTWEAR—Continued

67 4000	HOSIERY
67 4100	Men's
67 4110	Full-fashioned
67 4111	Half-hose
67 4120	Seamless
67 4121	Half-hose
67 4122	Slack socks and crew socks
67 4123	Anklets
67 4124	Athletic and golf hose
67 4129	Men's seamless hosiery, not elsewhere classified
67 4200	Women's
67 4210	Full-fashioned
67 4211	Full-length
67 4212	Knee-length
67 4220	Seamless
67 4221	Full-length and knee-length
67 4222	Anklets
67 4229	Women's seamless hosiery, not elsewhere classified
67 4300	Boys', Misses', and Children's
67 4310	Full-fashioned
67 4320	Seamless
67 4321	Full-length ribbed hose
67 4322	Golf hose and $\frac{5}{8}$ and $\frac{3}{4}$ hose
67 4323	Anklets and boys' socks
67 4324	Slack socks and crew socks
67 4329	Boys', misses' and children's seamless hosiery, not elsewhere classified
67 4400	Infants'
67 4401	Full-length ribbed hose
67 4402	Anklets
67 4403	Socks
67 5000	GLOVES AND MITTENS
67 5100	Dress Gloves and Mittens, Leather
67 5110	Men's and boys' gloves and mittens, leather
67 5111	Table cut
	67 51111 Unlined, machine seamed
	67 51112 Unlined, hand seamed
	67 51113 Lined, machine seamed
	67 51114 Lined, hand seamed
67 5112	Pattern cut
	67 51121 Unlined, machine seamed
	67 51122 Unlined, hand seamed
	67 51123 Lined, machine seamed
	67 51124 Lined, hand seamed
67 5113	Block cut
	67 51131 Unlined, machine seamed
	67 51132 Unlined, hand seamed
	67 51133 Lined, machine seamed
	67 51134 Lined, hand seamed
67 5120	Women's and children's gloves and mittens, leather
67 5121	Table cut
	67 51211 Unlined, machine seamed, not over 12 inches in length
	67 51212 Unlined, machine seamed, over 12 inches in length
	67 51213 Unlined, hand seamed, not over 12 inches in length
	67 51214 Unlined, hand seamed, over 12 inches in length
	67 51215 Lined, machine seamed, not over 12 inches in length
	67 51216 Lined, machine seamed, over 12 inches in length
	67 51217 Lined, hand seamed, not over 12 inches in length
	67 51218 Lined, hand seamed, over 12 inches in length
67 5122	Pattern cut
	67 51221 Unlined, machine seamed, not over 12 inches in length
	67 51222 Unlined, machine seamed, over 12 inches in length
	67 51223 Unlined, hand seamed, not over 12 inches in length



APPAREL, EXCEPT FOOTWEAR--Continued

GLOVES AND MITTENS--Continued

*Dress Gloves and Mittens, Leather*--Continued

Women's and children's gloves and mittens, leather--Continued

Pattern cut--Continued

67 51224 Unlined, hand seamed, over 12 inches in length

67 51225 Lined, machine seamed, not over 12 inches in length

67 51226 Lined, machine seamed, over 12 inches in length

67 51227 Lined, hand seamed, not over 12 inches in length

67 51228 Lined, hand seamed, over 12 inches in length

67 5123

Block cut

67 51231 Unlined, machine seamed, not over 12 inches in length

67 51232 Unlined, machine seamed, over 12 inches in length

67 51233 Unlined, hand seamed, not over 12 inches in length

67 51234 Unlined, hand seamed, over 12 inches in length

67 51235 Lined, machine seamed, not over 12 inches in length

67 51236 Lined, machine seamed, over 12 inches in length

67 51237 Lined, hand seamed, not over 12 inches in length

67 51238 Lined, hand seamed, over 12 inches in length

67 5200

*Work Gloves and Mittens, Leather*

67 5210

Gloves

67 5211

Unlined

67 5212

Lined

67 5220

Mittens

67 5221

Unlined

67 5222

Lined

67 5300

*Dress Gloves and Mittens of Textile Materials (Include Leather Combinations)*

67 5310

Men's and boys'

67 5311

Warp-knit fabric gloves and mittens

67 5312

Circular-knit fabric gloves (cut-and-sewed)

67 5313

Circular-knit fabric mittens (cut-and-sewed)

67 5314

Seamless fingered gloves

67 5315

Seamless fingered mittens

67 5316

Seamless fingered glove linings

67 5317

Dress gloves and mittens of textile materials combined with leather

67 5319

Men's and boys' dress gloves and mittens of textile materials, not elsewhere classified

67 5320

Women's and children's

67 5321

Warp-knit fabric gloves and mittens

67 5322

Circular-knit fabric gloves (cut-and-sewed)

67 5323

Circular-knit fabric mittens (cut-and-sewed)

67 5324

Seamless fingered gloves

67 5325

Seamless fingered mittens

67 5326

Seamless fingered glove linings

67 5327

Crocheted gloves and mittens

67 5328

Dress gloves and mittens of textile materials combined with leather

67 5329

Women's and children's dress gloves and mittens of textile materials, not elsewhere classified

67 5400

*Work Gloves and Mittens of Textile Materials (Include Leather Combinations)*

67 5410

Men's and boys'

67 5411

Knit fabric gloves (cut-and-sewed-jersey)

67 5412

Knit fabric mittens (cut-and-sewed-jersey)

67 5413

Woven fabric gloves (include gloves with knit seamless cuffs)

67 5414

Woven fabric mittens (include mittens with knit seamless cuffs)

67 5415

Seamless fingered gloves and mittens (include special-purpose gloves and mittens, such as hunting)

67 5417

Work gloves and mittens of textile materials combined with leather

67 5419

Men's and boys' work gloves and mittens of textile materials, not elsewhere classified

APPAREL, EXCEPT FOOTWEAR—Continued

GLOVES AND MITTENS—Continued

*Work Gloves and Mittens of Textile Materials (Include Leather Combinations)*—Continued

- 67 5420 Women's and children's
- 67 5421 Knit fabric gloves (cut-and-sewed-jersey)
- 67 5422 Knit fabric mittens (cut-and-sewed jersey)
- 67 5423 Woven fabric gloves (include gloves with knit seamless cuffs)
- 67 5424 Woven fabric mittens (include mittens with knit seamless cuffs)
- 67 5425 Seamless fingered gloves and mittens (include special-purpose gloves and mittens, such as hunting)
- 67 5427 Work gloves and mittens of textile materials combined with leather
- 67 5429 Work gloves and mittens of textile materials, not elsewhere classified

*Gloves and Mittens, Not Elsewhere Classified*

67 5900 HEADWEAR

67 6000 *Men's and Boys'*

- 67 6100 Fur felt
- 67 6110 Wool felt
- 67 6120 Straw, including palm leaf, paper, synthetic and other materials
- 67 6130 Sewed
- 67 6132 Woven
- 67 6133 Harvest
- 67 6140 Fabric
- 67 6141 Cut-and-sewed (woven or knit fabric)
- 67 6142 Knit or crocheted to shape
- 67 6200 *Women's, Misses', and Children's*
- 67 6210 Fur felt
- 67 6220 Wool felt
- 67 6230 Straw, including palm leaf, paper, synthetic and other materials
- 67 6231 Sewed, vegetable materials
- 67 6232 Sewed, synthetic materials
- 67 6233 Sewed, vegetable and synthetic materials
- 67 6234 Woven, vegetable materials
- 67 6235 Woven, synthetic materials
- 67 6236 Woven, vegetable and synthetic materials
- 67 6237 Harvest
- 67 6240 Fabric
- 67 6241 Cut-and-sewed (woven or knit fabric)
- 67 6242 Knit or crocheted to shape

*Infants'*

- 67 6300 Fabric
- 67 6310 Cut-and-sewed (woven or knit fabric)
- 67 6312 Knit or crocheted to shape

*Headwear, Not Elsewhere Classified*

67 7000 FUR GOODS<sup>1</sup>

- 67 7100 *Coats, Jackets, and Wraps*
- 67 7200 *Neckpieces*
- 67 7300 *Fur Trimmings*
- 67 7900 *Fur Goods, Not Elsewhere Classified*

CORSETS AND OTHER BODY-SUPPORTING GARMENTS, EXCEPT SURGICAL

- 67 8100 *Corsets, Girdles, and Garter Belts*
- 67 8110 Wholly or partly of rubber
- 67 8120 Not containing rubber
- 67 8200 *Brassieres and Bandeaux-Brassieres*
- 67 8300 *Combinations or One-piece Garments*
- 67 8310 Wholly or partly of rubber
- 67 8320 Not containing rubber
- 67 8900 *Corsets and Other Body-Supporting Garments, Except Surgical, Not Elsewhere Classified*
- 67 9000 APPAREL ACCESSORIES
- 67 9200 *Handkerchiefs, Except Paper*
- 67 9210 Lace, or ornamented with lace, embroidery, applique, drawnwork, or other forms of needlework embellishment
- 67 9290 Handkerchiefs, not elsewhere classified

<sup>1</sup> See Supplementary Code 67-1 for kind of fur on page 551.

APPAREL, EXCEPT FOOTWEAR—Continued

APPAREL ACCESSORIES—Continued

- 67 9300 *Neckwear, Except Fur*
- 67 9310 Woven
- 67 9311 Ties and cravats
- 67 9312 Mufflers and scarfs
- 67 9320 Knit or crocheted
- 67 9321 Ties and cravats
- 67 9322 Mufflers and scarfs
- 67 9390 Neckwear, except fur, not elsewhere classified
- 67 9400 *Suspenders, Garters, and Related Products*
- 67 9410 Suspenders
- 67 9411 Leather
- 67 9412 Elastic woven
- 67 9420 Arm bands
- 67 9430 Garters and hose supporters
- 67 9431 Men's and boys'
- 67 9432 Women's and children's
- 67 9490 Garters, and related products, not elsewhere classified
- 67 9500 *Belts (For Personal Wear)*
- 67 9510 Leather
- 67 9590 Belts (for personal wear), not elsewhere classified
- 67 9600 *Sanitary Wearing Apparel Accessories*
- 67 9610 Diapers, except rubber or rubberized
- 67 9620 Rubber or rubberized (pants, bibs, aprons, diapers, dress shields)
- 67 9690 Sanitary wearing apparel accessories, not elsewhere classified
- 67 9700 *Leggings*
- 67 9710 All-leather
- 67 9720 Part-leather
- 67 9730 All-fabric
- 67 9790 Leggings, not elsewhere classified
- 67 9800 *Handbags and Purses, Except Metal and Leather*
- 67 9810 Fabric
- 67 9811 Plain
- 67 9812 Embroidered
- 67 9813 Pyroxylin-coated
- 67 9830 Beaded
- 67 9890 Handbags and purses, not elsewhere classified
- 67 9900 *Apparel Accessories, Not Elsewhere Classified*

SUPPLEMENTARY CODE 67-1 FOR KIND OF FUR (67 7000)

*Rodent Group*

- 11 Beaver
- 12 Muskrat
- 13 Nutria
- 14 Squirrel
- 15 Marmot
- 16 Chinchilla
- 17 Rabbit
- 18 Hare
- 19 Rodent group furs, not elsewhere classified

*Cat Group*

- 21 Leopard
- 22 Jaguar
- 23 Cheetah
- 24 Ocelot
- 25 South American cats
- 26 Wild cats
- 27 Lynx
- 28 Civets
- 29 Cat group furs, not elsewhere classified

*Dog and Wolf Group*

- 31 Dog
- 32 Jackal
- 33 Wolf
- 34 Silver and black fox



**SUPPLEMENTARY CODE 67-1 FOR KIND OF FUR—Continued**

	<i>Dog and Wolf Group—Continued</i>
35	Fox, except silver and black
39	Dog and wolf group furs, not elsewhere classified
	<i>Bear and Raccoon Group</i>
41	Bear
42	Raccoon
49	Bear and raccoon group furs, not elsewhere classified (include ringtail)
	<i>Weasel Group</i>
51	Sable
52	Marten
53	Mink
54	Kolinsky
55	Fisher
56	Ermine
57	Weasel
58	Skunk
59	Weasel group furs, not elsewhere classified
	<i>Pouched Animal Group (Marsupials)</i>
61	Opossum
62	Kangaroo and wallaby
63	Koala and wombat
69	Pouched animal group furs, not elsewhere classified
	<i>Hoofed Animal Group</i>
71	Persian lamb
72	Caracul
73	Lamb and sheep, except Persian lamb and caracul
74	Goat and kid
75	Pony
76	Calf
77	Guanaquito
79	Hoofed animal group furs, not elsewhere classified
	<i>Miscellaneous Furs</i>
91	Fur seal
92	Hair seal
93	Mole
94	Monkey
99	Furs, not elsewhere classified

## MAJOR GROUP 68—FOOTWEAR

### 68 0000 FOOTWEAR

#### 68 1000 MEN'S FOOTWEAR, LEATHER UPPERS

##### 68 1100 *Dress, Except Military*

68 1110 McKay sewed

68 1120 Welt

68 1130 Stitchdown

68 1160 Wood or metal fastened

68 1190 Men's dress footwear, not elsewhere classified

##### 68 1200 *Work, Except Military*

68 1210 McKay sewed

68 1220 Welt

68 1230 Stitchdown

68 1260 Wood or metal fastened

68 1290 Men's work footwear, not elsewhere classified

##### 68 1300 *Military*

68 1310 Dress type

68 1320 Work type

##### 68 1400 *Athletic*

68 1900 *Men's Footwear, Not Elsewhere Classified*

#### 68 2000 YOUTHS' AND BOYS' FOOTWEAR, LEATHER UPPERS

##### 68 2100 *Footwear, Except Athletic*

68 2110 McKay sewed

68 2120 Welt

68 2130 Stitchdown

68 2160 Wood or metal fastened

68 2190 Youths' and boys' footwear, except athletic, not elsewhere classified

##### 68 2400 *Athletic*

#### 68 3000 WOMEN'S FOOTWEAR, LEATHER UPPERS

##### 68 3100 *Dress*

68 3110 McKay sewed

68 3120 Welt

68 3130 Stitchdown

68 3140 Turn or turned

68 3150 With cemented soles

68 3190 Women's dress footwear, not elsewhere classified

##### 68 3200 *Work*

##### 68 3300 *Military*

##### 68 3400 *Athletic*

68 3900 *Women's Footwear, Not Elsewhere Classified*

#### 68 4000 MISSES' AND CHILDREN'S FOOTWEAR, LEATHER UPPERS

##### 68 4100 *Footwear, Except Athletic*

68 4110 McKay sewed

68 4120 Welt

68 4130 Stitchdown

68 4140 Turn or turned

68 4150 With cemented soles

68 4190 Misses' and children's footwear, except athletic, not elsewhere classified

##### 68 4400 *Athletic*

#### 68 5000 INFANTS' FOOTWEAR, LEATHER

68 5010 McKay sewed

68 5020 Welt

68 5030 Stitchdown

68 5040 Turn or turned

68 5050 With cemented soles

68 5090 Infants' leather footwear, not elsewhere classified

# FOOTWEAR—Continued

68 6000	PART-LEATHER AND PART-FABRIC AND FABRIC UPPERS FOOTWEAR WITH
	LEATHER SOLES
68 6100	Part-Leather and Part-Fabric Uppers
68 6200	Fabric Uppers
68 7000	RUBBER FOOTWEAR
68 7100	Fabric Uppers With Rubber Soles
68 7200	Rubber Boots and Pacs
68 7300	Arctics, Gaiters, Overshoes, and Galoshes
68 7900	Rubber Footwear, Not Elsewhere Classified
68 8000	SLIPPERS AND MOCCASINS FOR HOUSEWEAR
68 8100	All-Leather
68 8200	Part-Leather
68 8300	Felt, and Other Materials
68 9000	FOOTWEAR, NOT ELSEWHERE CLASSIFIED



## MAJOR GROUP 69—FABRICATED TEXTILE PRODUCTS, EXCEPT APPAREL

- 69 0000 *FABRICATED TEXTILE PRODUCTS, EXCEPT APPAREL*
- 69 1000 *TEXTILE FLOOR COVERINGS*
- 69 1100 *Wool Carpets and Rugs*
- 69 1110 Woven on power-driven looms
- 69 1111 Axminster (spool)
- 69 1112 Plain velvet and tapestry
- 69 1113 Printed velvet and tapestry
- 69 1114 Wilton (cut and uncut pile, including Brussels)
- 69 1115 Chenille-Axminster
- 69 1116 Smyrna
- 69 1119 Wool carpets and rugs woven on power-driven looms, not elsewhere classified (include domestic knotted pile)
- 69 1120 Not woven on power-driven looms
- 69 1121 Oriental and other knotted-pile
- 69 1122 Hand woven, except knotted-pile
- 69 1123 Hooked rugs
- 69 1124 Felted rugs, including Numdah
- 69 1129 Wool carpets and rugs, not woven on power-driven looms, not elsewhere classified
- 69 1200 *Cotton Carpets and Rugs*
- 69 1210 Imitation-Oriental
- 69 1220 Chenille
- 69 1230 Rag rugs ("hit-and-miss", plaid, and other)
- 69 1240 Braided
- 69 1250 Hooked
- 69 1260 Tufted
- 69 1290 Cotton carpets and rugs, not elsewhere classified
- 69 1300 *Jute Carpets and Rugs, Cushions and Linings*
- 69 1310 Woven
- 69 1320 Punched
- 69 1330 Felted
- 69 1331 Rug cushions and linings
- 69 1332 Felted, except rug cushions and linings
- 69 1390 Jute carpets and rugs, cushions and linings, not elsewhere classified
- 69 1400 *Miscellaneous Vegetable-Fiber Floor Coverings*
- 69 1410 Cocoa-fiber floor coverings
- 69 1411 Pile mats
- 69 1412 Cocoa-fiber floor coverings, except pile mats
- 69 1420 Sisal floor coverings
- 69 1430 Flax floor coverings
- 69 1440 Hemp floor coverings
- 69 1490 Vegetable-fiber floor coverings, not elsewhere classified
- 69 1500 *Silk Floor Coverings*
- 69 1600 *Rayon and Other Synthetic-Fiber Floor Coverings*
- 69 1700 *Hard-Surface Floor Coverings*
- 69 1710 Asphalted-felt-base floor coverings
- 69 1720 Linoleum
- 69 1721 Burlap back
- 69 1722 Asphalted-felt back
- 69 1730 Floor oilcloth
- 69 1790 Hard-surface floor coverings, not elsewhere classified
- 69 1900 *Miscellaneous Textile Floor Coverings*
- 69 1910 Paper-fiber rugs
- 69 1920 Wire-grass and rice-straw rugs

# FABRICATED TEXTILE PRODUCTS EXCEPT APPAREL—Con.

## TEXTILE FLOOR COVERINGS—Continued

### *Miscellaneous Textile Floor Coverings—Continued*

- 69 1930 Common straw matting and mats
- 69 1940 Hair carpets, rugs, and linings
- 69 1990 Textile floor coverings, not elsewhere classified

## LACE ARTICLES

- 69 2100 *Curtains*
- 69 2120 Nottingham
- 69 2200 *Bedspreads*
- 69 2220 Nottingham
- 69 2300 *Table Covers*
- 69 2320 Nottingham
- 69 2400 *Mosquito Nets and Bars*
- 69 2420 Nottingham
- 69 2430 Bobbinet

## *Insect Nets*

- 69 2500
- 69 2510 *Levers*
- 69 2520 Nottingham

## *Veils*

- 69 2600
- 69 2610 *Levers*

## *Camouflage Nets*

- 69 2700
- 69 2710 *Levers*
- 69 2720 Nottingham
- 69 2740 *Barmen*

## *Handmade Lace Articles*

### *Miscellaneous Lace Articles*

- 69 2910 *Levers*, not elsewhere classified
- 69 2920 Nottingham, not elsewhere classified
- 69 2930 Bobbinet, not elsewhere classified
- 69 2940 *Barmen*, not elsewhere classified
- 69 2990 *Lace articles*, not elsewhere classified

## HOUSE FURNISHINGS, EXCEPT EMBROIDERED

### *Curtains, Except Lace, and Draperies*

- 69 3100 *Curtains, except lace*
- 69 3110 *Ruffled*
- 69 3112 *Tailored*
- 69 3113 *Cottage sets*
- 69 3114 *Shower bath curtains*
- 69 3119 *Curtains, except lace, not elsewhere classified*
- 69 3120 *Draperies*

### *Bedspreads, Except Lace*

- 69 3200
- 69 3210 *Candlewick (machine-tufted)*
- 69 3220 *Candlewick (hand-tufted)*
- 69 3230 *Jacquard-figured*
- 69 3290 *Bedspreads, except lace, not elsewhere classified*

### *Comforters and Wadded Quilts*

- 69 3300 *Feather or down*
- 69 3310
- 69 3390 *Comforters and wadded quilts, not elsewhere classified*

### *Blankets and Similar Articles*

- 69 3400 *Blankets, except crib*
- 69 3421 *All-cotton*
- 69 3422 *Cotton-and-rayon*
- 69 3423 *Containing less than 25 percent by weight of wool*
- 69 3424 *Containing 25 percent but less than 98 percent by weight of wool*
- 69 3425 *Containing 98 percent or more by weight of wool*
- 69 3430 *Crib blankets*

- 69 3440 *Motor and steamer rugs*

- 69 3490 *Blankets and similar articles, not elsewhere classified*

### *Sheets and Pillowcases*

- 69 3500
- 69 3510 *Sheets*
- 69 3520 *Pillowcases*

### *Towels, Wash Cloths, Dish and Cleaning Cloths*

- 69 3600
- 69 3610 *Towels*
- 96 3611 *Terry-woven (include bath mats)*
- 69 3612 *Huck*

**FABRICATED TEXTILE PRODUCTS EXCEPT APPAREL—Con.**

**HOUSE FURNISHINGS, EXCEPT EMBROIDERED—Continued**

**Towels, Wash Cloths, Dish and Cleaning Cloths—Continued**

**Towels—Continued**

- 69 3613 Damask and other Jacquard-woven, except terry (include bath mats)
- 69 3614 Plain and twill woven (include dish towels)
- 69 3619 Towels, not elsewhere classified
- 69 3620 Wash cloths
- 69 3630 Dish and scrub cloths
- 69 3690 Dust, polishing, wiping, and other cleaning cloths, not elsewhere classified
- 69 3700 *Table Cloths, Napkins, and Related Articles, Except Lace*
- 69 3710 Table cloths
- 69 3711 Damask
- 69 3712 Table cloths, except damask
- 69 3720 Napkins
- 69 3721 Damask
- 69 3722 Napkins, except damask
- 69 3730 Table and dresser covers and scarfs
- 69 3740 Table doilies, and mats (include tray cloths)
- 69 3750 Tablet sets: luncheon, bridge, and similar
- 69 3790 Table cloths, napkins, and related articles, except lace, not elsewhere classified

**69 3800 *Pillows***

- 69 3810 Feather or down
- 69 3811 Bed pillows
- 69 3812 Feather or down pillows, except bed
- 69 3890 Pillows, not elsewhere classified

**69 3900 *Miscellaneous House Furnishings, Except Embroidered***

- 69 3910 Slip covers
- 69 3911 Furniture
- 69 3912 Mattress
- 69 3913 Automobile
- 69 3920 Cushions
- 69 3930 Mops
- 69 3990 House furnishings, except embroidered, not elsewhere classified

**69 4000 *TEXTILE BAGS***

- 69 4100 *Cotton*
- 69 4200 *Jute (Burlap and Sacking)*
- 69 4900 *Textile Bags, Not Elsewhere Classified*

**69 5000 *CANVAS PRODUCTS***

- 69 5100 *Awnings*
- 69 5200 *Tents*
- 69 5300 *Sails*
- 69 5900 *Canvas Products, Not Elsewhere Classified*

**69 6000 *SLEEPING BAGS***

- 69 6100 *Cotton Filled*
- 69 6200 *Feather or Down Filled*
- 69 6300 *Kapok*
- 69 6400 *Wool Filled*
- 69 6900 *Sleeping Bags, Not Elsewhere Classified*

**69 9000 *MISCELLANEOUS FABRICATED TEXTILE PRODUCTS***

**69 9100 *Trimmings***

- 69 9110 Dress and coat trimmings
- 69 9120 Automobile and furniture trimmings
- 69 9140 Bias bindings
- 69 9141 For men's wear
- 69 9142 For women's wear
- 69 9143 For the notion trade
- 69 9149 Bias bindings, not elsewhere classified
- 69 9190 Trimmings, not elsewhere classified
- 69 9200 *Stamped Art Goods for Embroidering, and Art Needlework*
- 69 9210 Stamped art goods for embroidering
- 69 9220 Art needlework



**FABRICATED TEXTILE PRODUCTS EXCEPT APPAREL—Continued**

**MISCELLANEOUS FABRICATED TEXTILE PRODUCTS—Continued**

69 9300	<i>Embroideries (Fabrics, and Articles Except Handkerchiefs—Including Burnt-Out-Laces—Ornamented With Embroidery, Applique, Drawnwork, or Other Forms of Ornamental Stitching)</i>
69 9310	Machine-made embroideries (Schiffli machine, Bonnaz machine, Cornely machine, handmachine)
69 9311	Edgings, insertings, gallons, flouncings, and all-overs
	69 93111 Embroidered on a cloth foundation
	69 93112 Embroidered on a net foundation
69 9312	House furnishings, except lace curtains
69 9313	Neckwear
69 9314	Burnt-out laces
69 9319	Machine-made embroideries, not elsewhere classified
69 9320	Hand-made embroideries
69 9321	House furnishings, except lace curtains
69 9329	Hand-made embroideries, not elsewhere classified
69 9400	<i>Flags, Pennants, and Banners</i>
69 9500	<i>Badges, Insignia, and Similar Emblems</i>
69 9600	<i>Fish Nets</i>
69 9700	<i>Cargo Nets, Manila Rope</i>
69 9900	<i>Fabricated Textile Products, Not Elsewhere Classified</i>

## MAJOR GROUP 71—END PRODUCTS OF LEATHER, EXCEPT APPAREL, FOOTWEAR, AND LUGGAGE

- 71 0000 *END PRODUCTS OF LEATHER, EXCEPT APPAREL, FOOTWEAR, AND LUGGAGE*
- 71 1000 *INDUSTRIAL LEATHER BELTING AND PACKING*
- 71 1100 *Flat Belting*
- 71 1200 *Belts and Belting, Except Flat*
- 71 1300 *Packing*
- 71 2000 *SMALL LEATHER GOODS*
- 71 2100 *Handbags and Purses*
- 71 2200 *Billfolds and Wallets*
- 71 2300 *Coin Purses*
- 71 2400 *Card and Key Cases*
- 71 2500 *Cigar and Cigarette Cases and Tobacco Pouches*
- 71 2900 *Small Leather Goods, Not Elsewhere Classified*
- 71 3000 *SADDLERY, HARNESS, AND WHIPS*
- 71 3100 *Harness and Harness Parts*
- 71 3200 *Saddles*
- 71 3300 *Whips and Crops*
- 71 3900 *Saddlery and Harness Products, Not Elsewhere Classified*
- 71 9000 *MISCELLANEOUS LEATHER PRODUCTS*
- 71 9100 *Desk Sets*
- 71 9200 *Dog Furnishings*
- 71 9300 *Gas Meter Bags*
- 71 9400 *Leather Straps*
- 71 9900 *Leather Products, Not Elsewhere Classified*





## MAJOR GROUP 72—CONVERTED PAPER PRODUCTS AND PULP GOODS

- 72 0000 **CONVERTED PAPER PRODUCTS AND PULP GOODS**
- 72 1000 **ENVELOPES**
- 72 1100 *Expansion Type Envelopes and File Folders*
- 72 1200 *Transparent Material Envelopes (Include Envelopes Manufactured Entirely of Glassine, Cellophane, Pliofilm)*
- 72 1900 *Envelopes, Not Elsewhere Classified*
- 72 2000 **PAPER STATIONERY**
- 72 2100 *Papeterie, Portfolio, and Folder Form*
- 72 2200 *Packaged Correspondence Paper*
- 72 2300 *Wedding Stationery (Paper, Cards, and Envelopes in Wedding Sets)*
- 72 2400 **Tablets**
- 72 2410 *Book*
- 72 2420 *News*
- 72 2430 *Writing*
- 72 2490 *Tablets, not elsewhere classified*
- 72 2900 *Paper Stationery, Not Elsewhere Classified*
- 72 3000 **PAPER BAGS**
- 72 3100 **Kraft**
- 72 3110 *Grocery bags*
- 72 3120 *Heavy-duty bags, including multiwall and shipping sacks*
- 72 3130 *Merchandise bags, except grocery*
- 72 3190 *Kraft paper bags, not elsewhere classified*
- 72 3200 **Glassine**
- 72 3900 *Paper Bags, Not Elsewhere Classified*
- 72 4000 **BOXES AND CONTAINERS, PAPER AND PAPERBOARD**
- 72 4100 *Shipping Containers, Corrugated*
- 72 4200 *Shipping Containers, Solid-Fiber*
- 72 4300 *Cartons and Folding Boxes*
- 72 4310 *Untreated*
- 72 4320 *Waxed or otherwise treated*
- 72 4400 *Set-up Boxes*
- 72 4500 *Paper Cans and Bottles*
- 72 4600 *Decorated, Lithographed, Lacquered, and Fancy Covered Boxes*
- 72 4900 *Boxes and Containers, Paper and Paperboard, Not Elsewhere Classified*
- 72 5000 **DIE-CUT PAPER PRODUCTS**
- 72 5100 *Bottle Caps and Tops*
- 72 5200 *Cards, Cut and Designed*
- 72 5210 *Index, library, and business cards*
- 72 5220 *Tabulating cards*
- 72 5230 *Photographic mats, mounts, folders, etc.*
- 72 5290 *Cards, cut and designed, not elsewhere classified*
- 72 5300 **Die-Cut Specialties and Novelties**
- 72 5310 *Displays, games, and advertising novelties*
- 72 5320 *Lace paper (includes doilies)*
- 72 5390 *Die-cut specialties and novelties, not elsewhere classified*
- 72 5900 *Die-Cut Paper Products, Not Elsewhere Classified*
- 72 6000 **FIBER CANS, WITH OR WITHOUT METAL ENDS**
- 72 6100 *Drawn Bottoms and Lids (All Fiber)*
- 72 6200 *Metal End or Ends*
- 72 6300 *Liquid Tight*
- 72 6400 **Drums**
- 72 6410 *Metal end*
- 72 6420 *Wood end*
- 72 6430 *Fiber end*

# CONVERTED PAPER PRODUCTS AND PULP GOODS—Continued

## FIBER CANS, WITH OR WITHOUT METAL ENDS—Continued

- 72 6500 *Shell Containers*
- 72 6600 *Ordnance Canisters*
- 72 6700 *Ration Cans*
- 72 6900 *Fiber Cans, With or Without Metal Ends, Not Elsewhere Classified*
- 72 7000 MOLDED PULP PRODUCTS
- 72 7100 *Plates and Other Utensils*
- 72 7200 *Papier Maché Articles, Except Statuary*
- 72 7900 *Molded Pulp Products, Not Elsewhere Classified*
- 72 8000 GUMMED PRODUCTS
- 72 8100 *Gummed Flat Paper*
- 72 8200 *Gummed Paper Tape*
- 72 8300 *Gummed Cloth Tape*
- 72 8900 *Gummed Products, Not Elsewhere Classified*
- 72 9000 MISCELLANEOUS CONVERTED PAPER PRODUCTS
- 72 9100 *Toilet Paper*
- 72 9110 *Rolls and ovals*
- 72 9120 *Interfolded and flat package*
- 72 9200 *Waxed Paper*
- 72 9210 *Food wraps*
- 72 9220 *Household rolls*
- 72 9290 *Waxed paper, not elsewhere classified*
- 72 9400 *Towels*
- 72 9410 *Folded and industrial rolls*
- 72 9420 *Household rolls*
- 72 9500 *Facial Tissue and Handkerchiefs*
- 72 9600 *Crepe Paper and Crepe Paper Products (Fine)*
- 72 9700 *Egg-Case Fillers, Flats, Trays, Cartons*
- 72 9800 *Specialty Coated Papers and Boards*
- 72 9810 *Glazed (include mica, plate, and matte finish)*
- 72 9820 *Metallic coated*
- 72 9830 *Thermoplastic coated*
- 72 9840 *Artificial leather (paper imitation of leather)*
- 72 9850 *Moisture vapor barrier*
- 72 9890 *Specialty coated papers and boards, not elsewhere classified*
- 72 9900 *Miscellaneous Converted Paper Products, Not Elsewhere Classified*
- 72 9901 *Cups*
- 72 9902 *Dishes, spoons, plates, trays*
- 72 9903 *Waterproof wrapping paper*
- 72 9904 *Paper novelties (favors, confetti, serpentine, etc.)*
- 72 9905 *Drinking straws*
- 72 9906 *Cones, reels, spools, bobbins and blocks*
- 72 9907 *Cores, tubes, and mailing and filing tubes*
- 72 9908 *Napkins, table and tray covers and place mats*
- 72 9911 *Safety paper*
- 72 9912 *Albums and scrap books*
- 72 9914 *Tympan and stencil (excluding mimeograph stencil)*
- 72 9915 *Rolls for adding machine, teletype tape, etc.*
- 72 9999 *Converted paper products, not elsewhere classified*

## MAJOR GROUP 73—PRODUCTS OF PRINTING AND PUBLISHING INDUSTRIES

- 73 0000 *PRODUCTS OF PRINTING AND PUBLISHING INDUSTRIES*  
 73 1000 Books (INCLUDE PAMPHLETS)<sup>1</sup>  
 73 1100 *Social Sciences*  
 73 1110 Economics (theory; economic history; national production and economic conditions; agriculture and industries, including State and industrial organization, labor, corporations, cooperatives; transportation and communication; commerce, including tariff; finance; public finance)\*  
 73 1120 Statistics  
 73 1130 Sociology (theory; social history and social reform; social groups: family, marriage, home, associations, communities, classes, races; social pathology; philanthropy; charities and corrections; socialism, communism, anarchism, utopias)\*  
 73 1140 Political science (theory of the State; constitutional history and administration; local government; colonies and colonization; emigration and immigration; international law)\*  
 73 1150 Law  
 73 1160 Education (history of education; theory and practice of education; special forms, relations and applications; textbooks covering general subjects)\*  
 73 1190 Social science books, not elsewhere classified (include customs, manners, folklore)  
 73 1200 *Natural Sciences*  
 73 1210 Mathematics  
 73 1220 Astronomy  
 73 1230 Physics  
 73 1240 Chemistry; crystallography  
 73 1250 Geology (mineralogy and petrology; paleontology, paleozoology, and paleobotany)\*  
 73 1260 Botany  
 73 1270 Zoology  
 73 1280 Biology, physiology  
 73 1290 Natural science books, not elsewhere classified (include bacteriology)  
 73 1300 *Applied Sciences*  
 73 1310 Agriculture, plant and animal culture  
 73 1330 Technology (building; engineering; chemical technology; manufactures; mechanic trades, arts and crafts; domestic science)\*  
 73 1340 Naval science  
 73 1350 Military science  
 73 1360 Medicine  
 73 1390 Applied science books, not elsewhere classified  
 73 1400 *Fine Arts and Applied Arts*  
 73 1410 Architecture  
 73 1420 Sculpture and related arts  
 73 1430 Graphic arts  
 73 1440 Painting  
 73 1450 Engraving  
 73 1460 Photography  
 73 1470 Art applied to industry. Decoration and ornament (interior decoration and home decoration; pottery; enamel; glass; metalwork; textile arts and needlework; woodwork; landscape gardening)

<sup>1</sup> See Supplementary Codes 73-1 for languages in which books are printed and 73-2 for type of binding on pages 566 and 567.

\*Statements of content in parenthesis following the classification items are based upon the Library of Congress classification.



PRODUCTS OF PRINTING AND PUBLISHING INDUSTRIES—Con.

Books—Continued

*Fine Arts and Applied Arts*—Continued

- 73 1480 Music
- 73 1490 Art books, not elsewhere classified
- 73 1500 *Literature*
- 73 1510 Classical
- 73 1520 French; Italian; Spanish; Portuguese
- 73 1530 German; Dutch; Scandinavian
- 73 1540 English
- 73 1550 American
- 73 1560 Russian
- 73 1570 Slavic, except Russian
- 73 1580 Oriental
- 73 1590 Literature, not elsewhere classified
- 73 1600 *Philology*
- 73 1610 Classical languages (Greek; Latin)
- 73 1620 Celtic languages (Irish; Gaelic [Scotch]; Welsh [Cymric]; Breton; Cornish; Gallic)
- 73 1630 Romance languages (Rumanian; Italian; French; Catalan; Spanish; Portuguese)
- 73 1640 Germanic languages (Old Norse; Old Icelandic and Old Norwegian; Modern Icelandic; Norwegian; Danish; Swedish; English; Dutch; Flemish; Friesian; German)
- 73 1650 Slavic (Church and Bulgarian; Serbo-Croatian; Slovenian; Russian; Ukrainian; Bohemian [Czech]; Slovak; Wendic; Polish; Minor Slavic languages); Balto-Slavic (Lithuanian; Lettish); and Albanian
- 73 1660 Finno-Ugrian (Finnish; Estonian; Lappish; Hungarian) and Basque
- 73 1670 Oriental languages (Coptic; Hamitic; Semitic; Indo-Iranian; Indo-Aryan; Iranian; Armenian; Caucasian; languages of Eastern Asia, Oceania, Africa)
- 73 1680 American Indian languages (Mohawk, Maya, Aztec, Tupi)
- 73 1690 Languages, not elsewhere classified (artificial)
- 72 1700 *History and Geography*
- 73 1710 History—Auxiliary sciences (History of civilization; Archeology; Archives; Chronology; Numismatics; Epigraphy; Heraldry; Genealogy; Biography)
- 73 1720 History, except American (General history; classical antiquity; Greece; Italy; Great Britain; Austria-Hungary; France; Germany; Netherlands; Scandinavia; Russia; Spain and Portugal; Switzerland; Turkey and Balkan States; Asia; Africa; Australia and Oceania; History of Gipsies)
- 73 1730 History of America
- 73 1740 Geography (general, mathematical and astronomical, physical geography; oceanology and oceanography)
- 73 1750 Antropography
- 73 1760 Anthropology; Somatology; Ethnology
- 73 1800 *Philosophy and Religion*
- 73 1810 Philosophy (theory; method, relations to sciences, religion and arts; logic; general philosophical treatises; psychology; ethics; esthetics)
- 73 1820 Religion (religions; mythology, free thought; Judaism; Mohammedanism; Bahaism; Theosophy; Christianity; Bible; Doctrinal theology; practical theology; special sects)
- 73 1900 *Books, General and Miscellaneous*
- 73 1910 Bibliography and library science
- 73 1920 General cyclopedias
- 73 1930 General collections
- 73 1940 Reference books, except encyclopedias
- 73 1950 Book rarities
- 73 1960 Yearbooks (general)
- 73 1990 Books, not elsewhere classified (include directories)
- 73 2000 *Music*
- 73 2100 *Sheet*
- 73 2200 *Books*

**PRODUCTS OF PRINTING AND PUBLISHING INDUSTRIES—Con.**

73 3000	<b>MAGAZINES AND PERIODICALS<sup>1</sup></b>
73 3010	News summaries
73 3020	General literature and fiction
73 3030	Commercial, financial, industrial, and trade
73 3040	Agriculture
73 3050	Labor
73 3060	Science and technology
73 3070	Professional
73 3080	Religious
73 3110	University, college, and school periodicals
73 3120	Fraternal
73 3130	Art, music, drama
73 3140	Geography and travel
73 3150	Motion picture (general)
73 3160	Sports, games, amusements
73 3170	Society, fashion, beauty culture
73 3180	Home and garden
73 3990	Magazines and periodicals, not elsewhere classified

**Classification of Magazines and Periodicals by Frequency of Issue (Sixth Digit To Be Used)**

1	Daily
2	Semi-weekly
3	Weekly
4	Semi-monthly and fortnightly
5	Monthly
6	Bi-monthly
7	Quarterly
9	Magazines and periodicals with frequency of issue, not elsewhere classified
73 4000	<b>NEWSPAPERS<sup>2</sup></b> (For purposes of this classified list, daily publications printed in the interests of special subjects are classified under heading of "Magazines and Periodicals")
73 4100	<i>Morning Daily</i>
73 4200	<i>Evening Daily</i>
73 4300	<i>Daily and Sunday</i>
73 4400	<i>Sunday Only</i>
73 4500	<i>Weekly, Except Sunday Weekly</i>
73 4600	<i>Semi-weekly</i>
73 4700	<i>Tri-weekly</i>
73 4900	<i>Newspapers, Not Elsewhere Classified</i>
73 5000	<b>ATLASES, MAPS, AND CHARTS</b>
73 5100	<i>Atlases, Engraved</i>
73 5200	<i>Atlases, Lithographed</i>
73 5300	<i>Maps and Charts, Engraved</i>
73 5400	<i>Maps and Charts, Lithographed</i>
73 5500	<i>Globe Covers</i>
73 5900	<i>Maps and Charts, Not Elsewhere Classified</i>
73 6000	<b>PRINTED BLANKS AND FORMS</b>
73 6100	<i>Letterheads</i>
73 6200	<i>Printed Envelopes</i>
73 6300	<i>Blanks, Printed</i>
73 6400	<i>Checks, Printed</i>
73 6500	<i>Salesbooks and Manifold Books</i>
73 6700	<i>Continuous and Manifold Forms</i>
73 6710	Carbon inter-leaved
73 6720	Not carbon inter-leaved
73 6900	<i>Printed Forms and Blanks, Not Elsewhere Classified</i>
73 7000	<b>BINDERY AND BLANK BOOK PRODUCTS</b>
73 7100	<i>Folders, Printed</i>
73 7200	<i>Loose-Leaf Devices</i>
73 7300	<i>Library Binders</i>
73 7400	<i>Binders and Covers, Except Library Binders and Loose-Leaf Devices</i>
73 7500	<i>Diaries</i>

<sup>1</sup> See Supplementary Code 73-1 for languages on page 566



**PRODUCTS OF PRINTING AND PUBLISHING INDUSTRIES—Con.**

	<b>BINDERY AND BLANK PRODUCTS—Continued</b>
73 7600	<i>Ledger and Other Account Books</i>
73 7700	<i>Note Books and Memoranda Books</i>
73 7800	<i>Blank Books</i>
73 7900	<i>Bindery and Blank Book Products, Not Elsewhere Classified</i>
73 8000	<b>PRODUCTS OF ENGRAVING</b>
73 8100	<i>Security Certificates and Bank Notes</i>
73 8200	<i>Invitations and Announcements</i>
73 8300	<i>Small Cards (Visiting and Other)</i>
73 8400	<i>Checks, Engraved</i>
73 8900	<i>Products of Engraving, Not Elsewhere Classified</i>
73 9000	<b>MISCELLANEOUS PRODUCTS OF PRINTING AND LITHOGRAPHING INDUSTRIES</b>
73 9010	Bands
73 9020	Calendars
73 9030	Car cards
73 9040	Greeting cards and Christmas seals
73 9050	Small cards (visiting and other), except engraved
73 9060	Catalogs
73 9070	Decalcomanias
73 9080	Displays
73 9110	Labels and flaps
73 9120	Patterns
73 9130	Post cards
73 9140	Posters (heavy paper, thin paper)
73 9150	Printing plates and stereotype matrices
73 9160	Prints, advertising and art
73 9170	Tags and tickets
73 9180	Transparencies
73 9210	Graphs and charts
73 9211	Circular
73 9212	Strip
73 9213	Sheet
73 9990	Products of printing and lithographing industries, not elsewhere classified

**SUPPLEMENTARY CODE 73-1 FOR LANGUAGES IN WHICH BOOKS, MAGAZINES, PERIODICALS AND NEWSPAPERS ARE PRINTED**

01	Albanian
02	Arabic
03	Armenian
04	Artificial languages, except Esperanto
05	Basque
06	Bulgarian
07	Catalan
08	Celtic languages, except Irish
11	Chinese
12	Czech
13	Danish
14	Dutch
15	English
16	Esperanto
17	Estonian
18	Finnish
21	Flemish
22	French
23	German
24	Greek, classical
25	Greek, modern
26	Hebrew
27	Hungarian
28	Icelandic, modern
31	Indo-Iranian
32	Indo-Aryan
33	Iranian
34	Irish



**SUPPLEMENTARY CODE 73-1 FOR LANGUAGES IN WHICH BOOKS,  
MAGAZINES, PERIODICALS, AND NEWSPAPERS ARE PRINTED—Con.**

35	Italian
36	Japanese
37	Latin
38	Lettish
41	Lithuanian
42	Norwegian
43	Polish
44	Portuguese
45	Rumanian
46	Russian
47	Serbo-Croatian
48	Slovak
51	Slovenian
52	Spanish
53	Swedish
54	Turkish
55	Ukrainian
56	Yiddish
99	Languages, not elsewhere classified

**SUPPLEMENTARY CODE 73-2 FOR BINDING**

1	Full leather
2	Part leather
3	Cloth, paper-covered board, or combination
4	Paper
5	Sewed sheets
6	Folded sheets
7	Flat sheets
9	Binding, not elsewhere classified



## MAJOR GROUP 74—RUBBER END PRODUCTS, NATURAL AND SYNTHETIC, EXCEPT FOOTWEAR AND CLOTHING

74 0000	<b>RUBBER END PRODUCTS, NATURAL AND SYNTHETIC, EXCEPT FOOTWEAR AND CLOTHING</b>
74 1000	<b>PNEUMATIC TIRES (CASINGS)</b>
74 1100	<i>Passenger</i>
74 1110	High pressure
74 1120	Balloon (diameter—17 inch and over)
74 1130	Low pressure (diameter—16 inch and under)
74 1200	<i>Truck and Bus</i>
74 1210	High pressure (extra ply)
74 1220	Balloon
74 1230	Combination (double-marking)
74 1300	<i>Airplane</i>
74 1310	Main landing wheel
74 1311	High pressure
74 1312	Low pressure
74 1313	Smooth contour
74 1319	Main landing wheel, not elsewhere classified
74 1320	Nose and tail wheel
74 1321	High pressure
74 1322	Low pressure
74 1323	Smooth contour
74 1329	Nose and tail wheel, not elsewhere classified
74 1400	<i>Farm Service</i>
74 1410	Tractor
74 1420	Farm implement
74 1490	Farm service, not elsewhere classified
74 1500	<i>Off-the-Road</i>
74 1510	Road builder
74 1520	Earth mover
74 1530	Rock service
74 1540	Road grader
74 1550	Mud and snow
74 1590	Off-the-road, not elsewhere classified
74 1600	<i>Industrial</i>
74 1610	Tractor
74 1620	Trailer
74 1630	Wheelbarrow
74 1690	Industrial, not elsewhere classified
74 1700	<i>Motorcycle</i>
74 1800	<i>Bicycle</i>
74 1900	<i>Pneumatic Tires (Casings), Not Elsewhere Classified (Include Juvenile Tires)</i>
74 2000	<b>SOLID AND CUSHION TIRES</b>
74 2100	<i>Truck</i>
74 2200	<i>Tractor</i>
74 2300	<i>Industrial</i>
74 2310	Press-on
74 2320	Molded-on
74 2390	Industrial, not elsewhere classified
74 2400	<i>Airplane Tail-Wheel</i>
74 2500	<i>Bogie Rollers</i>
74 2510	Press-on
74 2520	Molded-on
74 2590	Bogie rollers, not elsewhere classified



# **RUBBER END PRODUCTS, NATURAL AND SYNTHETIC, EXCEPT FOOTWEAR AND CLOTHING—Continued**

## **SOLID AND CUSHION TIRES—Continued**

- 74 2600 *Carriage*
- 74 2610 *Baby carriage*
- 74 2620 *Horse-drawn carriage*
- 74 2690 *Carriage, not elsewhere classified*
- 74 2700 *Snap-On*
- 74 2000 *Solid and Cushion Tires, Not Elsewhere Classified*

## **INNER TUBES**

- 74 3100 *Passenger*
- 74 3110 *Puncture-seal*
- 74 3120 *Passenger, except puncture-seal*
- 74 3200 *Truck and Bus*
- 74 3300 *Airplane*
- 74 3310 *Cactus-proof*
- 74 3320 *Airplane, except cactus-proof*
- 74 3400 *Industrial*
- 74 3500 *Farm Service*
- 74 3600 *Motorcycle*
- 74 3700 *Bicycle*
- 74 3900 *Inner Tubes, Not Elsewhere Classified*

## **RETREAD AND REBUILT TIRES**

- 74 4100 *Retread*
- 74 4200 *Rebuilt*

## **MECHANICAL RUBBER GOODS**

- 74 5100 *Rubber Hose*
- 74 5101 *Acid*
- 74 5102 *Air (garage and other)*
- 74 5103 *Aircraft*
  - 74 51031 *Low pressure*
  - 74 51032 *High pressure*

- 74 5104 *Beverage*
- 74 5105 *Brewers'*
- 74 5106 *Car washing*
- 74 5107 *Cement*
- 74 5108 *Chemical*
- 74 5111 *Creamery*
- 74 5112 *Drillers'*
- 74 5113 *Fire*
- 74 5114 *Fuel oil*
- 74 5115 *Gasoline*
- 74 5116 *Grease*
- 74 5117 *Hydraulic control*
- 74 5118 *Lacquer*
- 74 5121 *Oil*
- 74 5122 *Oxy-acetylene*
- 74 5123 *Radiator*
- 74 5124 *Railroad*
- 74 5125 *Sand blast*
- 74 5126 *Self-sealing*
- 74 5127 *Spray, including paint spray*
- 74 5128 *Steam*
- 74 5131 *Suction*
- 74 5132 *Vacuum*
- 74 5133 *Vinegar*
- 74 5134 *Garden*
- 74 5135 *Water, except garden*
- 74 5136 *Welding*
- 74 5199 *Rubber hose, not elsewhere classified*
- 74 5200 *Rubber Belting (Include Balata)*
- 74 5210 *V-belting*
- 74 5211 *Industrial*
- 74 5212 *Automotive*
- 74 5213 *Household*
- 74 5219 *V-belting, not elsewhere classified*
- 74 5220 *Transmission, except V-belting*
- 74 5221 *Industrial*
- 74 5222 *Automotive*

**RUBBER END PRODUCTS, NATURAL AND SYNTHETIC, EXCEPT  
FOOTWEAR AND CLOTHING—Continued**

**MECHANICAL RUBBER GOODS—Continued**

**Rubber Belting (Include Balata)—Continued**

Transmission, except V-belting—Continued

74 5223

Household

74 5229

Transmission, except V-belting, not elsewhere classified

74 5230

Conveyor

74 5240

Elevator

74 5290

Rubber belting (include Balata), not elsewhere classified

74 5300

**Rubber Bags**

74 5310

Tire molding and forming

74 5311

New manufacturing (air or steam)

74 5312

Closed full-circle curing tubes (retreads)

74 5313

Sectional air-bags (repair)

74 5320

Hat-forming

74 5330

Molding and forming bags, except tire and hat-forming

74 5340

Gas-main

74 5350

Sewage-disposal

74 5360

Powder

74 5390

Rubber bags, not elsewhere classified

74 5400

**Rubber and Rubber-Covered Rolls and Platens**

74 5410

Industrial rolls

74 5411

Paper mill rolls

74 5412

Steel mill rolls

74 5413

Tanning rolls

74 5414

Newspaper printing rolls

74 5415

Textile machine rolls

74 5416

Agricultural machine rolls

74 5417

Glueing rolls

74 5419

Industrial rolls, not elsewhere classified

74 5420

Rubber and rubber-covered rolls and platens, except industrial

74 5421

Typewriter platens

74 5422

Business machine rolls

74 5423

Washing machine rolls

74 5429

Rubber and rubber-covered rolls and platens, except industrial,  
not elsewhere classified

74 5500

**Rubber Oil-Well Specialties**

74 5510

Packers, testing, line bumpers and swab rubbers

74 5520

Blow-out preventors

75 5530

Drill-pipe protectors

74 5540

Stabilizers

74 5550

Slush pump pistons and liners

74 5560

Mud and oil pump pistons and liners

74 5570

Strippers

74 5580

Valve cups

74 5590

Rubber oil-well specialties, not elsewhere classified

74 5600

**Rubber Automotive Equipment**

74 5610

Accelerator pads

74 5620

Brake linings

74 5630

Brake blocks

74 5640

Clutch facings

74 5650

Pedal rubbers

74 5660

Steering wheels

74 5670

Running board covers

74 5680

Wind-shield wiper blades

74 5690

Rubber automotive equipment, not elsewhere classified

74 5700

**Industrial Aprons, Gloves and Cots**

74 5710

Aprons

74 5720

Gloves

74 5721

all rubber

74 5722

Net-lined

74 5723

Fabric dipped

74 5730

Cots

74 5900

**Miscellaneous Mechanical Rubber Goods**

74 5910

Marking devices

74 5911

Box die gum

74 5912

Rubber die gum

74 5913

Rubber type gum

**RUBBER END PRODUCTS, NATURAL AND SYNTHETIC, EXCEPT  
FOOTWEAR AND CLOTHING—Continued**

**MECHANICAL RUBBER GOODS—Continued**

**Miscellaneous Mechanical Rubber Goods—Continued**

**Marking devices—Continued**

74 5914	Engravers' rubber
74 5915	Cutting rubbers
74 5916	Printing plates
74 5917	Offset and newspaper blankets
74 5919	Marking devices, not elsewhere classified
74 5920	Rubber valves and tube fittings
74 5930	Miscellaneous rubber-protected industrial equipment
74 5931	Buckets
74 5932	Funnels
74 5933	Trays
74 5934	Racks
74 5935	Measures
74 5936	Dippers
74 5937	Screens
74 5939	Rubber-protected industrial equipment, not elsewhere classified
74 5990	Mechanical rubber goods, not elsewhere classified
74 5991	Casing guards
74 5992	Dust shield
74 5993	Kneeling pads
74 5994	Mallets
74 5995	Stoppers
74 5996	Suction cups
74 5999	Mechanical rubber goods, not elsewhere classified

**RUBBER SUNDRIES**

74 6100	<i>Rubber Tubing (Include Tubes and Pipes)</i>
74 6101	Laboratory (include biological)
74 6102	Barium
74 6103	Blood plasma
74 6104	Bougie
74 6105	Catheters
74 6106	Colon
74 6107	Duodenal
74 6108	Drainage
74 6111	Empyema
74 6112	Evacuation
74 6113	Intravenous
74 6114	Nasal feeding
74 6115	Rectal
74 6116	Stethoscope
74 6117	Stomach
74 6118	Syringe
74 6121	Vaginal
74 6199	Rubber tubing, not elsewhere classified
74 6200	<i>Rubber Sprays, Irrigators and Bulb Goods</i>
74 6210	Rubber sprays
74 6211	Bath
74 6212	Shampoo
74 6213	Sink
74 6219	Rubber sprays, not elsewhere classified
74 6220	Rubber irrigators
74 6221	Colon
74 6222	Nasal
74 6223	Siphon
74 6224	Throat
74 6225	Vaginal
74 6229	Rubber irrigators, not elsewhere classified
74 6230	Rubber bulb goods
74 6231	Atomizers
74 6232	Bulb syringes, except household
74 62321	Ear and ulcer
74 62322	Infant
74 62323	Nasal
74 62324	Rectal



**RUBBER END PRODUCTS, NATURAL AND SYNTHETIC, EXCEPT  
FOOTWEAR AND CLOTHING—Continued**

**RUBBER SUNDRIES—Continued**

**Rubber Sprays, Irrigators and Bulb Goods—Continued**

**Rubber bulb goods—Continued**

**Bulb syringes, except household—Continued**

74 62325 Vaginal

74 62329 Rubber bulb syringes, not elsewhere classified

74 6233 Bulbs: Medical, surgical, dental, mortuary, veterinary, and laboratory

74 6234 Cautery bulb sets

74 6235 Household bulb syringes

74 6236 Politzer syringes

74 6237 Sinus bulb sets

74 6238 Spray douches

74 6239 Miscellaneous rubber bulb goods, not elsewhere classified

74 62391 Breast pumps

74 62392 Medicine dropper bulbs

74 62399 Rubber bulb goods, not elsewhere classified

74 6300 **Rubber Dental Supplies**

74 6310 Cut-off wheels

74 6320 Dental foot cushions

74 6330 Plaster bowls

74 6340 Dental instrument parts

74 6390 Rubber dental supplies, not elsewhere classified

74 6400 **Rubber Nursery Equipment**

74 6410 Diaper bags

74 6420 Diaper covers

74 6430 Nipple shields

74 6440 Nipples

74 6450 Crib sheets

74 6460 Nursery bottle caps

74 6470 Pacifiers

74 6480 Bottle accessories

74 6490 Miscellaneous rubber nursery equipment

74 6491 Baby bibs

74 6492 Play pads

74 6493 Teething rings

74 6494 Breast shields

74 6499 Rubber nursery equipment, not elsewhere classified

74 6500 **Rubber Flat Goods**

74 6510 Ice bags

74 6511 Flat

74 6512 Spinal

74 6513 Throat

74 6514 Tonsil

74 6515 Mastoid

74 6516 Sinus

74 6519 Ice bags, not elsewhere classified

74 6520 Hot water bottles

74 6530 Colonic bags

74 6540 Bedpans

74 6550 Urinals

74 6560 Face bottles

74 6570 Fountain syringes

74 6580 Invalid rings and cushions

74 6590 Rubber flat goods, not elsewhere classified

74 6600 **Rubber Aprons, Gloves, Sleeves, and Cots, Except Industrial**

74 6610 **Aprons**

74 6611 Autopsy and mortuary

74 6612 Surgeons'

74 6613 Household

74 6619 Aprons, not elsewhere classified

74 6620 **Gloves**

74 6621 Autopsy and mortuary

74 6622 Surgeons'

74 6623 Household

74 6629 Gloves, not elsewhere classified

*RUBBER END PRODUCTS, NATURAL AND SYNTHETIC, EXCEPT  
FOOTWEAR AND CLOTHING—Continued*

*RUBBER SUNDRIES—Continued*

*Rubber Aprons, Gloves, Sleeves, and Cots, Except Industrial—Con.*

74 6630	Sleeves
74 6640	Cots
74 6700	<i>Rubber Stationers' Goods</i>
74 6701	Chair cushions
74 6702	Desk protectors
74 6703	Desk tops
74 6704	Erasers
74 6705	Pen sacs
74 6706	Rubber bands
74 6707	Telephone bases
74 6708	Telephone cord guards
74 6711	Telephone ear pieces
74 6712	Telephone protectors
74 6713	Telephone stands
74 6714	Typewriter feet
74 6715	Typewriter keys
74 6799	Rubber stationers' goods, not elsewhere classified
74 6900	<i>Miscellaneous Rubber Sundries</i>
74 6910	Rubber bathing and swimming accessories
74 6911	Bathing suits
74 6912	Bathing caps
74 6913	Bathing bags
74 6914	Bathing slippers
74 6915	Surf toys
74 6916	Swimming goggles
74 6917	Ear and nose plugs
74 6919	Rubber bathing and swimming accessories, not elsewhere classified
74 6920	Rubber bathroom equipment
74 6921	Shower curtains
74 6922	Bath mats
74 6923	Soap dishes
74 6924	Sponges
74 6929	Rubber bathroom equipment, not elsewhere classified
74 6930	Surgical adhesive tape
74 6931	All-rubber
74 6932	Self-adhering gauze
74 6939	Rubber surgical adhesive tape, not elsewhere classified
74 6940	Rubber medical sundries, miscellaneous
74 6941	Blood pressure bags
74 6942	Brain surgery caps
74 6943	Colostomy outfits
74 6944	Dilators
74 6945	Evacuators
74 6946	Inhalation bags and face pieces
74 6949	Rubber medical sundries, not elsewhere classified
74 6950	Rubber orthopedic sundries, miscellaneous
74 6951	Crutch tips and pads
74 6952	Heel cushions
74 6953	Massage appliance parts
74 6954	Orthopedic pads and parts, except heel cushions
74 6955	Rubber bands for artificial limbs
74 6956	Splint pads
74 6959	Rubber orthopedic sundries, not elsewhere classified
74 6960	Rubber laboratory sundries, miscellaneous
74 6961	Acid bottles
74 6962	Chemists' culture caps
74 6963	Funnels
74 6964	Microscope covers
74 6965	Spatulas
74 6966	Thermometer cases
74 6969	Rubber laboratory sundries, not elsewhere classified

**RUBBER END PRODUCTS, NATURAL AND SYNTHETIC, EXCEPT  
FOOTWEAR AND CLOTHING—Continued**

**RUBBER SUNDRIES—Continued**

**Miscellaneous Rubber Sundries—Continued**

74 6970	Rubber druggists' sundries, miscellaneous
74 6971	Prophylactics
74 6972	Suppositories
74 6979	Rubber druggists' sundries, not elsewhere classified
74 6990	Rubber sundries, not elsewhere classified
74 6991	Dress shields
74 6992	Fly swatters
74 6993	Jar openers
74 6994	Table covers
74 9000	

**RUBBER END PRODUCTS, NATURAL AND SYNTHETIC, EXCEPT FOOTWEAR  
AND CLOTHING, NOT ELSEWHERE CLASSIFIED**





## MAJOR GROUP 75—END PRODUCTS OF METAL INDUSTRIES, EXCEPT MACHINERY AND EQUIPMENT

### 75 0000 *END PRODUCTS OF METAL INDUSTRIES, EXCEPT MACHINERY AND EQUIPMENT*

#### 75 1000 *KITCHEN, AND HOSPITAL UTENSILS, AND KITCHEN TOOLS*

#### 75 1100 *Cooking and Kitchen Utensils, Household and Commercial*

75 1110 Coffee pots and percolators

75 1112 Stainless steel

75 1113 Vitreous-enameled

75 1114 Aluminum

75 1115 Nonferrous metal, except aluminum

75 1119 Coffee pots and percolators, not elsewhere classified

75 1120 Sauce pans and pots

75 1122 Stainless steel

75 1123 Vitreous-enameled

75 1124 Aluminum

75 1125 Nonferrous metal, except aluminum

75 1129 Sauce pans and pots, not elsewhere classified

75 1130 Kettles and stock pots

75 1131 Cast iron

75 1132 Stainless steel

75 1133 Vitreous-enameled

75 1134 Aluminum

75 1135 Nonferrous metal, except aluminum

75 1139 Kettles and stock pots, not elsewhere classified

75 1140 Frying pans, skillets, and griddles

75 1141 Cast iron

75 1142 Stainless steel

75 1144 Aluminum

75 1145 Nonferrous metal, except aluminum

75 1149 Frying pans, skillets, and griddles, not elsewhere classified

75 1150 Baking pans

75 1152 Stainless steel

75 1153 Vitreous-enameled

75 1154 Aluminum

75 1155 Nonferrous metal, except aluminum

75 1159 Baking pans, not elsewhere classified

75 1160 Broilers

75 1162 Stainless steel

75 1163 Vitreous-enameled

75 1164 Aluminum

75 1165 Nonferrous metal, except aluminum

75 1169 Broilers, not elsewhere classified

75 1170 Steam table pans and inserts

75 1172 Stainless steel

75 1173 Vitreous-enameled

75 1174 Aluminum

75 1175 Nonferrous metal, except aluminum

75 1179 Steam table pans and inserts, not elsewhere classified

75 1180 Dish pans

75 1182 Stainless steel

75 1183 Vitreous-enameled

75 1184 Aluminum

75 1185 Nonferrous metal, except aluminum

75 1189 Dish pans, not elsewhere classified

75 1190 Miscellaneous cooking and kitchen utensils

75 1191 Cast iron

75 1192 Stainless steel

**END PRODUCTS OF METAL INDUSTRIES, EXCEPT MACHINERY  
AND EQUIPMENT—Continued**

**KITCHEN, AND HOSPITAL UTENSILS, AND KITCHEN TOOLS—Continued**

*Cooking and Kitchen Utensils, Household and Commercial—Con.*

**Miscellaneous cooking and kitchen utensils—Continued**

75 1193	Vitreous-enameled
75 1194	Aluminum
75 1195	Nonferrous metal, except aluminum
75 1199	Cooking and kitchen utensils, not elsewhere classified
75 1200	<i>Hospital Utensils, Except Cooking</i>
75 1210	Basins: pus, sponge, and solution
75 1212	Stainless steel
75 1213	Vitreous-enameled
75 1214	Aluminum
75 1215	Nonferrous metal, except aluminum
75 1219	Basins: pus, sponge, and solution, not elsewhere classified
75 1230	Jars, dressing
75 1232	Stainless steel
75 1233	Vitreous-enameled
75 1234	Aluminum
75 1235	Nonferrous metal, except aluminum
75 1239	Jars, dressing, not elsewhere classified
75 1250	Trays, instrument
75 1252	Stainless steel
75 1253	Vitreous-enameled
75 1254	Aluminum
75 1255	Nonferrous metal, except aluminum
75 1259	Trays, instrument, not elsewhere classified
75 1260	Bedpans
75 1262	Stainless steel
75 1263	Vitreous-enameled
75 1264	Aluminum
75 1265	Nonferrous metal, except aluminum
75 1269	Bedpans, not elsewhere classified
75 1290	Miscellaneous hospital utensils, except cooking
75 1292	Stainless steel
75 1293	Vitreous-enameled
75 1294	Aluminum
75 1295	Nonferrous metal, except aluminum
75 1299	Hospital utensils, except cooking, not elsewhere classified
75 1300	<i>Kitchen Tools, Except Cutlery</i>
75 1310	Turners and spatulas
75 1320	Can openers
75 1330	Bottle openers
75 1340	Corkscrews
75 1350	Graters
75 1360	Egg beaters
75 1370	Whippers
75 1380	Food mashers
75 1390	Kitchen tools, except cutlery, not elsewhere classified
75 2000	<b>MISCELLANEOUS VITREOUS ENAMELED PRODUCTS</b>
75 2100	<i>Table Tops</i>
75 2200	<i>Washing Machine, Refrigerator, Display Case and Stove Parts</i>
75 2210	Washing machine parts
75 2220	Refrigerator and display case parts
75 2230	Stove parts
75 2900	<i>Vitreous Enameled Products, Not Elsewhere Classified</i>
75 3000	<b>HAND TOOLS, NON-POWERED, EXCEPT MECHANICS' MEASURING TOOLS</b>
75 3100	<i>Hand Tools, Except Edge Tools, Files and Saws</i>
75 3101	Anvils
	75 31011 Less than 5 pounds (include jewelers')
	75 31012 5 pounds and more
75 3102	<b>Awls</b>
	75 31021 Bent point
	75 31022 Scratch
	75 31023 Straight point
	75 31029 Awls, not elsewhere classified



**END PRODUCTS OF METAL INDUSTRIES, EXCEPT MACHINERY  
AND EQUIPMENT**—Continued

**HAND TOOLS, NON-POWERED, EXCEPT MECHANICS' MEASURING TOOLS—  
Continued**

**Hand Tools, Except Edge Tools, Files and Saws**—Continued

75 3103	Bars (hand tools)	
	75 31031	Bucking
	75 31032	Claw
	75 31033	Crow and push
	75 31034	Digging and tapping
	75 31035	Extractor
	75 31036	Hook
	75 31037	Wrecking
	75 31039	Bars (hand tools), not elsewhere classified
75 3104	BelloWS	
75 3105	Blow torches	
75 3106	Cant hooks	
75 3107	Curry combs	
75 3108	Feelers	
75 3111	Fence stretchers	
75 3112	Forges	
75 3113	Forks	
	75 31131	Garden, hay and manure
	75 31132	Spading
	75 31133	Stone and ballast
	75 31139	Forks, not elsewhere classified
75 3114	Hammers	
	75 31141	Blacksmiths'
	75 31142	Carpenters'
	75 31143	Engineers' and machinists'
	75 31144	Masons'
	75 31145	Tack
	75 31149	Hammers, not elsewhere classified
75 3115	Hammer sets	
75 3116	Hoes	
	75 31161	Garden and field
	75 31162	Masons'
	75 31163	Road
	75 31169	Hoes, not elsewhere classified
75 3117	Hooks	
	75 31171	Baling
	75 31172	Husking
75 3118	Jacks, hand	
	75 311810	Geared
	75 311820	Hydraulic
	75 311821	Light duty
	75 311822	Heavy duty
	75 311830	Ratchet
	75 311890	Jacks, not elsewhere classified (include traversing and telescoping)
75 3121	Mauls	
75 3122	Metal tapes, except precision	
75 3123	Mitre boxes	
	75 31231	Metal workers'
	75 31232	Wood workers'
	75 31239	Mitre boxes, not elsewhere classified
75 3124	Peavies	
75 3125	Pickeroons	
75 3126	Picks and mattocks	
	75 31261	Construction and railway picks
	75 31262	Field and garden picks
	75 31263	Mattocks
	75 31269	Picks, not elsewhere classified
75 3127	Pliers	
	75 31271	Nipper type
	75 31272	Pincer
	75 31273	Slip joint

**END PRODUCTS OF METAL INDUSTRIES, EXCEPT MACHINERY  
AND EQUIPMENT—Continued**

**HAND TOOLS, NON-POWERED, EXCEPT MECHANICS' MEASURING TOOLS—  
Continued**

**Hand Tools, Except Edge Tools, Files and Saws—Continued**

**Pliers—Continued**

75 31274 Wire cutting, holding and splicing

75 31279 Pliers, not elsewhere classified

75 3128 Post hole diggers and augers

75 3131 Pullers; wheel, gear, and bearing

75 3132 Punches

75 3133 Rakes

75 31331 Garden and field

75 31332 Lawn

75 31333 Road and construction

75 31339 Rakes, not elsewhere classified

75 3134 Screw drivers

75 313410 Cabinet makers'

75 313420 Carpenters'

75 313421 General purpose

75 313422 Heavy duty

75 313430 Electricians'

75 313440 Engineers' and machinists'

75 313441 General purpose

75 313442 Heavy duty

75 313450 Jewelers'

75 313460 Parts, screwdriver

75 313461 Bits

75 313469 Screwdriver parts, not elsewhere classified

75 313490 Screw drivers, not elsewhere classified

75 3135 Scoops

75 31351 Diamond point

75 31352 General purpose (include coal)

75 31353 Square point

75 31359 Scoops, not elsewhere classified

75 3136 Shovels

75 31361 General purpose—round point

75 31362 General purpose—square point

75 31363 Snow and barn

75 31364 Telegraph

75 31369 Shovels, not elsewhere classified

75 3137 Sledges

75 31371 Blacksmiths'

75 31372 Railroad

75 31373 Stonecutters'

75 31379 Sledges, not elsewhere classified

75 3138 Soldering irons and coppers

75 31381 Electric

75 31382 Non-electric

75 3141 Spades

75 31411 Garden type

75 31419 Spades, not elsewhere classified

75 3142 Spoons, telegraph

75 3143 Tongs

75 31431 Hay

75 31432 Ice

75 31439 Tongs, not elsewhere classified

75 3144 Trowels

75 31441 Garden

75 31442 Masons' and cementers'

75 31443 Plasterers'

75 31449 Trowels, not elsewhere classified

75 3145 Vises and accessories, except toolmakers'

75 314510 Blacksmiths'

75 314520 Carpenters' and cabinet makers'

75 314530 Pipe

75 314540 Riggers'

75 314550 Vise accessories, except toolmakers'

**END PRODUCTS OF METAL INDUSTRIES, EXCEPT MACHINERY  
AND EQUIPMENT—Continued**

**HAND TOOLS, NON-POWERED, EXCEPT MECHANICS' MEASURING TOOLS—  
Continued**

**Hand Tools, Except Edge Tools, Files and Saws—Continued**

**Vises and accessories, except toolmakers'—Continued**

**Vise accessories, except toolmakers'—Continued**

- 75 314551 Clamps
- 75 314552 Hand screws
- 75 314559 Vise accessories, except toolmakers', not elsewhere classified
- 75 314590 Vises, except toolmakers', not elsewhere classified

75 3146 Weeders, cultivators, and planters

75 3147 Wrenches

- 75 314710 Adjustable
- 75 314720 Automotive
- 75 314730 Open end (engineers' and machinists')
- 75 314731 Double end
- 75 314732 Single end
- 75 314740 Pipe
- 75 314750 Ratchet
- 75 314760 Socket
- 75 314770 Track
- 75 314790 Wrenches, not elsewhere classified

75 3199 Hand tools, except edge tools, files and saws, not elsewhere classified

75 3200 *Edge Tools*

75 3201 Adzes

- 75 320110 Carpenters'
- 75 320111 Full head
- 75 320112 Half head
- 75 320120 Railroad
- 75 320130 Ship carpenters'
- 75 320131 Spur head-lipped bit
- 75 320132 Spur head-plain bit
- 75 320190 Adzes, not elsewhere classified

75 3202 Augers and gimlets

75 3203 Axes

- 75 320310 Chopping
- 75 320311 Double bit
- 75 320312 Single bit
- 75 320320 Firemen's
- 75 320390 Axes, not elsewhere classified

75 3204 Bits

- 75 320410 Auger
- 75 320420 Drill, counter bore and countersink
- 75 320421 Metalworking
- 75 320422 Woodworking
- 75 320429 Drill, counter bore and countersink, not elsewhere classified
- 75 320430 Gimlet
- 75 320490 Bits, not elsewhere classified

75 3205 Bolt clippers

75 3206 Braces

75 3207 Chisels, drifts, gouges, slicks and wedges

- 75 32071 Masonry and stone cutters'
- 75 32072 Metal workers'
- 75 32073 Wood workers'
- 75 32079 Chisels, drifts, gouges, slicks and wedges, not elsewhere classified

75 3208 Counter bores and countersinks

- 75 32081 Woodworking
- 75 32089 Counter bores and countersinks, not elsewhere classified

75 3211 Cutters, glass

- 75 32111 Diamond
- 75 32119 Glass cutters, not elsewhere classified

75 3212 Dies, cutting, except threading (include pipe cutters)



END PRODUCTS OF METAL INDUSTRIES, EXCEPT MACHINERY  
AND EQUIPMENT—Continued

HAND TOOLS, NON-POWERED, EXCEPT MECHANICS' MEASURING TOOLS—  
Continued

Edge Tools—Continued

- |         |  |  |
|---------|--|--|
| 75 3213 | Drills, breast   |  |
|         | 75 32131   | Plain  |
|         | 75 32132   | Ratchet  |
|         | 75 32139   | Breast drills, not elsewhere classified                                    |
| 75 3214 | Drills, hand   |  |
|         | 75 32141   | Plain  |
|         | 75 32142   | Ratchet  |
|         | 75 32149   | Hand drills, not elsewhere classified                                      |
| 75 3215 | Hatchets   |  |
|         | 75 32151   | Axe pattern  |
|         | 75 32152   | Claw   |
|         | 75 32153   | Half   |
|         | 75 32154   | Lathing and shingling  |
|         | 75 32159   | Hatchets, not elsewhere classified   |
| 75 3216 | Hooks  |  |
|         | 75 32161   | Garden and field   |
|         | 75 32169   | Hooks, not elsewhere classified  |
| 75 3217 | Knives, draw and spoke shavers                             |  |
| 75 3218 | Knives, shear (metal cutting)                              |  |
| 75 3221 | Knives and shears; agricultural, field and garden          |  |
|         | 75 32211   | Cane knives and machetes   |
|         | 75 32212   | Corn knives  |
|         | 75 32213   | Grass knives   |
|         | 75 32214   | Hay knives   |
|         | 75 32215   | Hedge shears and trimmers  |
|         | 75 32216   | Pruning tools  |
|         | 75 32219   | Agricultural, field and garden knives and shears, not elsewhere classified |
| 75 3223 | Planes   |  |
|         | 75 32231   | All metal  |
|         | 75 32232   | Part metal   |
| 75 3224 | Scythes and sickles  |  |
| 75 3225 | Shears and snips, metal cutting                            |  |
| 75 3226 | Taps, hand   |  |
|         | 75 32261   | Carbon steel   |
|         | 75 32262   | High speed (alloy) steel   |
|         | 75 32269   | Hand taps, not elsewhere classified  |
| 75 3227 | Thread cutting dies and accessories, hand, except wrenches |  |
|         | 75 32271   | Bolt dies  |
|         | 75 32272   | Pipe dies  |
|         | 75 32273   | Stocks   |
|         | 75 32279   | Hand threading dies and accessories, not elsewhere classified              |
| 75 3299 | Edge tools, not elsewhere classified                       |  |
| 75 3300 | <i>Saws and Saw Blades, Except Power Saw Blades</i>        |  |
| 75 3310 | Hand saws  |  |
| 75 3311 | Back   |  |
| 75 3312 | Butchers'  |  |
| 75 3313 | Hack   |  |
| 75 3314 | Cross cut  |  |
| 75 3315 | Jewelers'  |  |
| 75 3316 | Pruning  |  |
| 75 3317 | Rip  |  |
| 75 3318 | Coping   |  |
| 75 3319 | Miscellaneous hand saws                                    |  |
|         | 75 33191   | Mitre  |
|         | 75 33192   | Heyhole  |
|         | 75 33193   | Fret   |
|         | 75 33194   | Compass  |
|         | 75 33199   | Hand saws, not elsewhere classified  |
| 75 3320 | Hand saw blades  |  |
| 75 3321 | Hack   |  |
| 75 3322 | Inserted tooth   |  |
| 75 3329 | Hand saw blades, not elsewhere classified                  |  |

**END PRODUCTS OF METAL INDUSTRIES, EXCEPT MACHINERY  
AND EQUIPMENT—Continued**

**HAND TOOLS, NON-POWERED, EXCEPT MECHANICS' MEASURING TOOLS—  
Continued**

**Saws and Saw Blades, Except Power Saw Blades—Continued**

75 3330	Saw frames
75 3331	Butcher
75 3332	Hack
	75 33321 General purpose
	75 33322 Heavy duty
	75 33323 Pistol grip
	75 33324 Straight handle
	75 33329 Hack saw frames, not elsewhere classified
75 3339	Saw frames, not elsewhere classified
75 3340	Saw parts and accessories, except frames and blades
75 3350	Saw sets
75 3390	Saws, not elsewhere classified
75 3400	<i>Files and Rasps, Hand</i>
75 3410	Files
75 3411	Metalworking
	75 34111 2½ inch and under in length
	75 34112 Over 2½ inch and under 4½ inch in length
	75 34113 Over 4½ inch and under 7 inch in length
	75 34114 Over 7 inch in length
75 3412	Woodworking
	75 34121 7½ inch and under in length
	75 34122 Over 7½ inch in length
75 3419	Files, not elsewhere classified
75 3420	Rasps
75 3421	Blacksmiths'
75 3422	Shoemakers'
75 3423	Wood workers'
75 3429	Rasps, not elsewhere classified
75 3500	<i>Machine Knives and Blades</i>
75 3510	Circular
75 3511	Cloth
75 3512	Cork
75 3513	Meat
75 3519	Circular machine knives and blades, not elsewhere classified
75 3520	Flat
75 3521	Paper and pulp mill
75 3522	Planing machine
75 3529	Flat machine knives, not elsewhere classified
75 3590	Machine knives and blades, not elsewhere classified
75 3600	<i>Saw Blades for Power Saws, Except Metal Cutting</i>
75 3610	Band
75 3620	Circular
75 3690	Saw blades for power saws, except metal cutting, not elsewhere classified
75 4000	<b>CUTLERY, EXCEPT TABLE FLATWARE</b>
75 4100	<i>Table and Kitchen Cutlery, Household and Institutional</i>
75 4110	Knives
75 4111	Paring
75 4112	Butchers' (light gage)
75 4113	Cooks'
75 4114	Slicers
	75 41141 Bread
	75 41142 Beef
	75 41143 Ham
	75 41149 Slicers, not elsewhere classified
75 4115	Grapefruit
75 4116	Table
75 4119	Knives, not elsewhere classified
75 4120	Forks
75 4121	Cooks'
	75 41211 Forged
	75 41212 Not forged
75 4122	Table
75 4129	Forks, not elsewhere classified

END PRODUCTS OF METAL INDUSTRIES, EXCEPT MACHINERY  
AND EQUIPMENT—Continued

CUTLERY, EXCEPT TABLE FLATWARE—Continued

*Table and Kitchen Cutlery, Household and Institutional—Continued*

75 4130	Spoons
75 4131	Tea
75 4132	Dessert
75 4133	Table
75 4140	Carving and steak sets
75 4141	With sterling silver handles
75 4142	With silver plated handles
75 4149	Carving and steak sets, not elsewhere classified
75 4190	Table and kitchen cutlery, household and institutional, not elsewhere classified
75 4200	<i>Food Processing Cutlery</i>
75 4210	Butchers' and meat packers' cutlery
75 4211	Knives
75 42111	Boning
75 42112	Skinning
75 42113	Sticking
75 42114	Butchers' (heavy gage)
75 42115	Ribbing
75 42119	Butchers' and meat packers' knives, not elsewhere classified
75 4212	Cleavers and splitters
75 42121	Cleavers
75 42122	Splitters
75 4213	Steels
75 4219	Butchers' and meat packers' cutlery, not elsewhere classified
75 4220	Canners' cutlery
75 4221	Knives
75 4222	Pitting spoons
75 4223	Coring hooks
75 4229	Canners' cutlery, not elsewhere classified
75 4230	Fish knives
75 4231	Scaling
75 4232	Ripping
75 4233	Oyster and clam
75 4239	Fish knives, not elsewhere classified
75 4240	Bakers' cutlery
75 4290	Food processing cutlery, not elsewhere classified
75 4300	<i>Industrial Cutlery, Except Food Processing</i>
75 4310	Putty knives and scrapers
75 4320	Rubber knives
75 4330	Shoe knives
75 4340	Linoleum knives
75 4350	Paperhangers' knives and trimmers
75 4360	Artists' knives
75 4370	Wood carvers'
75 4380	Pattern makers'
75 4390	Industrial cutlery, not elsewhere classified
75 4400	<i>Razors (Except Electric), and Razor Blades</i>
75 4410	Safety razors
75 4420	Straight razors
75 4430	Safety razor blades
75 4431	Single edged
75 4432	Double edged
75 4500	<i>Pocket and Hunting Knives</i>
75 4510	Pocket knives
75 4511	Pen
75 4512	Cattle and premium stock
75 4513	Pruning and budding
75 4514	Electricians'
75 4515	Boy Scout
75 4519	Pocket knives, not elsewhere classified
75 4520	Hunting knives
75 4521	Folding blade
75 4522	Rigid blade



**END PRODUCTS OF METAL INDUSTRIES, EXCEPT MACHINERY  
AND EQUIPMENT—Continued**

**CUTLERY, EXCEPT TABLE FLATWARE—Continued**

- 75 4800 *Scissors, Shears, Trimmers (Except Surgical, Gardening, Orchard and Animal), and Manicure and Pedicure Implements*
- 75 4610 Scissors, except surgical and manicure
- 75 4611 Embroidery and household
- 75 46111 Forged
- 75 46112 Cast and cold pressed
- 75 4619 Scissors, except surgical and manicure, not elsewhere classified
- 75 46191 Forged
- 75 46192 Cast and cold pressed
- 75 4620 Shears and trimmers, except surgical, garden, orchard, and animal
- 75 4621 Barbers'
- 75 46211 Forged
- 75 46212 Cast and cold pressed
- 75 4629 Shears and trimmers, not elsewhere classified
- 75 46291 Forged
- 75 46292 Cast and cold pressed
- 75 4630 Manicure and pedicure scissors and implements
- 75 4631 Manicure and pedicure scissors
- 75 46311 Nail
- 75 46312 Cuticle
- 75 4632 Manicure files
- 75 4633 Tweezers
- 75 4634 Nail clippers
- 75 4635 Nail nippers
- 75 4639 Manicure and pedicure scissors and implements, not elsewhere classified

- 75 4700 *Toilet and Barbers' Clippers, Except Electric*
- 75 4900 *Cutlery, Except Table Flatware, Not Elsewhere Classified*

**SILVERWARE, PLATED WARE, AND SIMILAR METAL WARE**

- 75 5100 *Table Flatware*
- 75 5110 Sterling silver
- 75 5120 Silver plated
- 75 5130 Gold plated
- 75 5140 Plated, except silver and gold plated
- 75 5160 Nickel silver, not plated
- 75 5170 Metal ware, not plated
- 75 5190 Table flatware, not elsewhere classified

**Hollow Ware**

- 75 5200
- 75 5210 Sterling silver
- 75 5220 Silver plated
- 75 5230 Gold plated
- 75 5240 Plated, except silver and gold plated
- 75 5250 Pewter
- 75 5260 Nickel silver, not plated
- 75 5270 Metal ware, not plated
- 75 5290 Hollow ware, not elsewhere classified

**Toiletware**

- 75 5300
- 75 5310 Sterling silver
- 75 5320 Silver plated
- 75 5330 Gold plated
- 75 5340 Plated, except silver and gold plated
- 75 5360 Nickel silver, not plated
- 75 5370 Metal ware, not plated
- 75 5390 Toiletware, not elsewhere classified

**Loving Cups and Trophies**

- 75 5400
- 75 5410 Sterling silver
- 75 5420 Silver plated
- 75 5430 Gold plated
- 75 5440 Plated, except silver and gold plated
- 75 5450 Pewter
- 75 5460 Nickel silver, not plated
- 75 5470 Metal ware, not plated
- 75 5490 Loving cups and trophies, not elsewhere classified

# END PRODUCTS OF METAL INDUSTRIES, EXCEPT MACHINERY AND EQUIPMENT—Continued

## SILVERWARE, PLATED WARE, AND SIMILAR METAL WARE—Continued

- 75 5500 *Ecclesiastical Ware*
- 75 5510 Sterling silver
- 75 5520 Silver plated
- 75 5530 Gold plated
- 75 5540 Plated, except silver and gold plated
- 75 5560 Nickel silver, not plated
- 75 5570 Metal ware, not plated
- 75 5590 Ecclesiastical ware, not elsewhere classified
- 75 5600 *Novelties, Except Jewelry*
- 75 5610 Sterling silver
- 75 5620 Silver plated
- 75 5630 Gold plated
- 75 5640 Plated, except silver and gold plated
- 75 5650 Pewter
- 75 5660 Nickel silver, not plated
- 75 5670 Metal ware, not plated
- 75 5690 Novelties, except jewelry, not elsewhere classified

## WATCHES, CLOCKS, AND PARTS

- 75 6100 *Watches*
- 75 6110 Jeweled watches complete with cases
- 75 6120 Non-jeweled watches complete with cases
- 75 6200 *Watch Movements*
- 75 6210 Jeweled
- 75 6220 Non-jeweled
- 75 6300 *Watch Parts*
- 75 6310 Cases
- 75 6320 Dials
- 75 6330 Assemblies and sub-assemblies
- 75 6340 Jewel bearings (include clock)
- 75 6390 Watch parts, not elsewhere classified
- 75 6400 *Clocks*
- 75 6410 Alarm clocks, except electric
- 75 6420 Electric clocks
- 75 6421 Alarm
- 75 6422 Mantel and table types, except alarm
- 75 6423 Wall type
- 75 6424 Floor type
- 75 6429 Electric clocks, not elsewhere classified
- 75 6500 *Clock Parts*
- 75 6900 *Miscellaneous Clocks and Watches*
- 75 6910 Automobile and airplane types
- 75 6920 Mantel or table types
- 75 6930 Wall type
- 75 6940 Floor type
- 75 6950 Chronometers
- 75 6960 Stop watches
- 75 6970 Timing mechanisms (include photostat, X-ray and similar timing mechanisms)

- 75 6990 Clocks and watches, not elsewhere classified

## METAL CONTAINERS AND CLOSURES

- 75 7100 *Metal Closures*
- 75 7110 Home canning closures, except crown type
- 75 7120 Commercial closures, except crown type
- 75 7121 Processed food
- 75 7122 Food closures, except processed food
- 75 7123 Beverage
- 75 7124 Medicinal and toiletry
- 75 7125 General purpose
- 75 7130 Crown type closures
- 75 7131 Beverage
- 75 7132 Non-beverage
- 75 7190 Metal closures, not elsewhere classified
- 75 7200 *Metal Cans*
- 75 7210 Packers' cans
- 75 7211 Sanitary

**END PRODUCTS OF METAL INDUSTRIES, EXCEPT MACHINERY  
AND EQUIPMENT—Continued**

**METAL CONTAINERS AND CLOSURES—Continued**

***Metal Cans—Continued***

**Packers' cans—Continued**

- 75 7212 Vent-hole top
- 75 7219 Packers' cans, not elsewhere classified
- 75 7220 General line cans
- 75 7221 Slip-cover
- 75 7222 Friction-top
- 75 7223 Key-opening collar
- 75 7224 Beer
- 75 7225 Open-top oil
- 75 7226 Cone-top, except beer
- 75 7227 Powder-top
- 75 7228 Dredge and nozzle top
- 75 7229 General line cans, not elsewhere classified

***Collapsible Tubes***

- 75 7300
- 75 7310 Tin
- 75 7320 Tin-coated
- 75 7330 Lead
- 75 7340 Aluminum
- 75 7350 Tin-lead
- 75 7360 Special alloy tubes, except tin-lead

***Metal Shipping Containers***

- 75 7410 Beer barrels
- 75 7411 Stainless steel
- 75 7412 Aluminum
- 75 7419 Beer barrels, not elsewhere classified
- 75 7420 Barrels and drums, except beer barrels
- 75 7421 Heavy types, welded side seam, except rubber lined
- 75 7422 Light types, except rubber lined
  - 75 74221 Welded side seam
  - 75 74222 Lock side seam
- 75 7423 Rubber lined
- 75 7430 Metal casings, welded and lock side seam, except barrels and drums
- 75 7440 Stainless steel shipping containers, except beer barrels
- 75 7450 Steel packages, kegs, and pails, not tinned (light types), except beer barrels and stainless steel containers
  - 75 7451 Welded side seam
  - 75 7452 Lock side seam
- 75 7460 Fluid milk shipping containers, except tanks
- 75 7461 Milk kettles
- 75 7462 Fluid milk shipping containers, except milk kettles
- 75 7470 Ice cream cans and containers
- 75 7480 Cylinders
- 75 7481 High pressure
- 75 7482 Low pressure
- 75 7483 Ton containers
- 75 7490 Metal shipping containers, not elsewhere classified

***Miscellaneous Metal Containers***

- 75 7910 Pails and kits
- 75 7920 Ash and garbage cans
- 75 7921 Galvanized iron or steel
- 75 7929 Metal ash and garbage cans, not elsewhere classified
- 75 7930 Tool and utility boxes
- 75 7990 Metal containers, not elsewhere classified

**MECHANICS' MEASURING TOOLS**

- 75 8010 Calipers, production
- 75 8011 Firm
- 75 8012 Lock joint
- 75 8013 Spring
- 75 8014 Pocket slide
- 75 8019 Production calipers, not elsewhere classified
- 75 8020 Dividers and scribes



**END PRODUCTS OF METAL INDUSTRIES, EXCEPT MACHINERY  
AND EQUIPMENT—Continued**

**MECHANICS' MEASURING TOOLS—Continued**

75 8030	Gages
	75 80301 Clearance
	75 80302 Drill point
	75 80303 Planer
	75 80304 Radius
	75 80305 Screw pitch
	75 80306 Small hole
	75 80307 Surface
	75 80308 Taper
	75 80311 Telescope
	75 80312 Thickness
	75 80313 Blocks, gage (combination sets)
	75 80314 Parallels
	75 80399 Gages, not elsewhere classified
75 8040	Levels and plumbs, adjustable and non-adjustable
75 8041	Carpenters'
75 8042	Machinists'
	75 80421 Precision
	75 80422 Production
75 8043	Masons'
75 8044	Pocket
75 8049	Levels and plumbs, adjustable and non-adjustable, not else- where classified
75 8050	Micrometers
75 8051	Internal
75 8052	External
75 8053	Micrometer depth gages
75 8054	Micrometer parts
	75 80541 Heads
	75 80549 Micrometer parts, not elsewhere classified
75 8059	Micrometers, not elsewhere classified
75 8060	Plumb bobs
75 8061	Brass
75 8062	Cast iron
75 8063	Mercury filled
75 8064	Steel
75 8069	Plumb bobs, not elsewhere classified
75 8070	Precision tapes, metal
75 8080	Protractors, universal level
75 8110	Protractors, except universal level and combination sets
75 8120	Rules, metal
75 8121	Folding rules
75 8122	Metal rules, except folding
	75 81221 Precision
	75 81222 Production (working)
75 8130	Squares, metal
75 8131	Carpenters'
75 8132	Squares, box parallel
75 8133	Squares, cylindrical
75 8134	Squares, surface plate
75 8135	Combination squares and sets
75 8139	Squares, metal, not elsewhere classified
75 8140	Straight edges
75 8141	Graduated
	75 81411 Precision
	75 81412 Production (working)
75 8142	Straight edges, except graduated
	75 81421 Precision
	75 81422 Production (working)
75 8150	Templets (templates)
75 8160	Vernier tools
75 8161	Depth gages
75 8162	Gear tooth gages
75 8163	Calipers (vernier)

**END PRODUCTS OF METAL INDUSTRIES, EXCEPT MACHINERY  
AND EQUIPMENT—Continued**

**MECHANICS' MEASURING TOOLS—Continued**

**Vernier tools—Continued**

- 75 8164 Height gages
- 75 8169 Vernier tools, not elsewhere classified
- 75 8990 Mechanics' measuring tools, not elsewhere classified
- 75 9000 MISCELLANEOUS END PRODUCTS OF METAL INDUSTRIES, EXCEPT  
MACHINERY AND EQUIPMENT

**General Line Hardware**

- 75 9100 Padlocks
- 75 9110 Vacuum bottles and jugs
- 75 9120 Fireplace fixtures and equipment
- 75 9131 Dampers
- 75 9132 Recirculating fireplace units
- 75 9133 Andirons
- 75 9134 Fire screens
- 75 9139 Fireplace fixtures and equipment, not elsewhere classified
- 75 9140 Sad irons and other hand pressing irons, except electric
- 75 9150 Animal traps, fly swatters and fly traps
- 75 9160 Horse and mule shoes (include shoe calks)
- 75 9170 Car seals
- 75 9190 General line hardware, not elsewhere classified

**Metal Notions**

- 75 9200 Needles, except machine and surgical
- 75 9211 Needles, hand sewing
  - 75 92111 Sharps and betweenes
  - 75 92112 Darning
  - 75 92113 Bodkins and tape
  - 75 92114 Emboldery and art
  - 75 92115 Hardware and upholstery
  - 75 92116 Bookbinders'
  - 75 92117 Milliners'
  - 75 92118 Bead
  - 75 92119 Hand sewing needles, not elsewhere classified
- 75 9212 Crochet needles
- 75 9213 Knitting needles
  - 75 92131 Circular
  - 75 92132 Knitting needles, except circular
- 75 9220 Pins, metal
  - 75 9221 Toilet and similar
  - 75 9222 Bank or common
  - 75 9223 Safety
  - 75 9224 Hair pins and bob pins
  - 75 9229 Metal pins, not elsewhere classified
- 75 9230 Metal slide fasteners, snap fasteners, hooks and eyes and eyelets
- 75 9231 Slide fasteners (Zippers)
- 75 9232 Snap fasteners
- 75 9233 Hooks and eyes
- 75 9234 Eyelets
- 75 9240 Hair curlers
- 75 9290 Metal notions, not elsewhere classified
- 75 9300 Sieves, Except Kitchen and Household
- 75 9310 Testing
- 75 9320 Coal, ore and sand
- 75 9390 Sieves, except kitchen and household, not elsewhere classified
- 75 9400 Bells, Chimes, and Gongs, Except Electric
- 75 9410 Hand bells
- 75 9420 Church bells
- 75 9430 Carillons
- 75 9440 Chimes
- 75 9450 Gongs
- 75 9490 Bells, not elsewhere classified
- 75 9500 Miscellaneous Wire End Products
- 75 9510 Garment hangers
- 75 9520 Bird cages
- 75 9530 Cargo nets, wire rope
- 75 9540 Wire rope slings

END PRODUCTS OF METAL INDUSTRIES, EXCEPT MACHINERY  
AND EQUIPMENT--Continued

MISCELLANEOUS END PRODUCTS OF METAL INDUSTRIES, EXCEPT MACHINERY AND EQUIPMENT--Continued

Miscellaneous Wire End Products--Continued

75 9550	Automobile skid chains
75 9590	Wire end products, not elsewhere classified
75 9900	Miscellaneous End Products of Metal Industries, Except Machinery and Equipment
75 9910	Cargo tray chain slings
75 9920	Chain cant hook slings
75 9930	Automobile tire valves
75 9940	Lightning rods
75 9990	End products of metal industries, except machinery and equipment, not elsewhere classified



## MAJOR GROUP 76—FINISHED WOOD PRODUCTS, EXCEPT FURNITURE AND MILLWORK

76 0000	<b>FINISHED WOOD PRODUCTS, EXCEPT FURNITURE AND MILLWORK</b>
76 1000	<b>COOPERAGE</b>
76 1100	<i>Tight Cooperage</i>
76 1110	Hogsheads, barrels, and kegs
76 1111	Beer and ale
76 1112	Bourbon and other whisky
76 1113	Spirits and wine
76 1114	Oil and tierce
76 1115	Pork
76 1119	Hogsheads, barrels, and kegs, not elsewhere classified
76 1120	Tanks and vats
76 1130	Tubs and pails
76 1140	Firkins and kits
76 1190	Tight cooperage, not elsewhere classified
76 1200	<i>Slack Cooperage</i>
76 1210	Hogsheads, barrels, and kegs
76 1211	Flour
76 1212	Sugar
76 1213	Apple, potato, and other fruit and vegetable
76 1214	Lime, cement, gypsum, pigment
76 1215	Rosin
76 1216	Nail
76 1217	Tobacco
76 1219	Hogsheads, barrels, and kegs, not elsewhere classified
76 1220	Slack cooperage, except hogsheads, barrels and kegs
76 2000	<b>BOXES AND CRATES</b>
76 2100	<i>Cigar Boxes</i>
76 2200	<i>Nailed Wooden Boxes</i>
76 2210	Agricultural
76 2211	Plywood and veneer
76 2212	Lumber
76 2220	Industrial
76 2221	Plywood and veneer
76 2222	Lumber
76 2300	<i>Wire Bound Wooden Boxes</i>
76 2310	Agricultural
76 2311	Plywood and veneer
76 2312	Lumber
76 2320	Industrial
76 2321	Plywood and veneer
76 2322	Lumber
76 2400	<i>Created Plywood and Veneer Panel Boxes</i>
76 2410	Agricultural
76 2420	Industrial
76 2500	<i>Crates</i>
76 2600	<i>Garbage and Similar Plywood Pails and Drums</i>
76 2900	<i>Boxes and Crates, Not Elsewhere Classified</i>
76 3000	<b>BASKETS, WOODEN AND FIBER</b>
76 3100	<i>Baskets for Fruits and Vegetables</i>
76 3110	Veneer
76 3111	Climax baskets
76 3112	Splint baskets
76 3113	Round stave baskets
76 3114	Hampers

**FINISHED WOOD PRODUCTS, EXCEPT FURNITURE AND MILL-WORK**—Continued

**BASKETS, WOODEN AND FIBER**—Continued

*Baskets for Fruits and Vegetables*—Continued

*Veener*—Continued

- 76 3115 Till baskets
- 76 3116 Berry cups
- 76 3119 Veneer fruit and vegetable baskets, not elsewhere classified
- 76 3120 Fruit and vegetable baskets, except veneer
- 76 3200 *Household and Fancy Baskets (Include Hampers)*
- 76 3210 Willow
- 76 3220 Rattan, cane, reed
- 76 3230 Splint and chip
- 76 3240 Bamboo
- 76 3290 Household and fancy baskets, not elsewhere classified
- 76 3900 *Miscellaneous Baskets, Wooden and Fiber*
- 76 3910 Willow
- 76 3920 Rattan, cane, reed
- 76 3930 Splint and chip
- 76 3940 Bamboo
- 76 3990 Baskets, wooden and fiber, not elsewhere classified
- 76 4000 **RATTAN AND WILLOW WARE, EXCEPT BASKETS**
- 76 4100 *Trays*
- 76 4200 *Coasters*
- 76 4300 *Table Pads*
- 76 4400 *Bottle and Demijohn Covers*
- 76 4900 *Rattan and Willow Ware, Except Baskets, Not Elsewhere Classified*
- 76 5000 **LASTS AND RELATED TURNED AND SHAPED PRODUCTS**
- 76 5100 *Lasts for Boots and Shoes*
- 76 5200 *Last Sole Patterns*
- 76 5300 *Shoe Trees*
- 76 5400 *Shoe Display Forms*
- 76 5900 *Lasts and Related Turned and Shaped Products. Not Elsewhere Classified*
- 76 6000 **FRAMES: MIRROR, PICTURE, AND PHOTOGRAPH**
- 76 6100 *Mirror Frames*
- 76 6200 *Picture and Photograph Frames*
- 76 7000 **FINISHED WOODEN ARTICLES, COMMERCIAL AND HOUSEHOLD**
- 76 7100 *Kitchen and Household Wooden Ware*
- 76 7200 *Toothpicks*
- 76 7300 *Signboards*
- 76 7900 *Miscellaneous Finished Wooden Articles, Commercial and Household*
- 76 7901 Butchers' blocks
- 76 7902 Clothes hangers
- 76 7903 Clothes pins
- 76 7904 Cups, pins and similar items
- 76 7905 Darners
- 76 7906 Ironing boards
- 76 7907 Jar tops
- 76 7908 Meat pounders
- 76 7911 Poles, rug and curtain
- 76 7912 Pulleys: Venetian blind, awning and similar pulleys
- 76 7913 Racks, clothes
- 76 7914 Racks, towel
- 76 7915 Racks, laboratory
- 76 7916 Racks, dish
- 76 7917 Rings, curtain
- 76 7918 Skewers
- 76 7921 Sockets for curtain poles and similar articles
- 76 7922 Valences, window
- 76 7999 Finished wooden articles, commercial and household, not elsewhere classified
- 76 8000 **FINISHED WOOD PRODUCTS, INDUSTRIAL**
- 76 8100 *Ladders*
- 76 8110 Single
- 76 8120 Extension and sectional
- 76 8130 Trolley

**FINISHED WOOD PRODUCTS, EXCEPT FURNITURE AND MILL-  
WORK—Continued**

**FINISHED WOOD PRODUCTS, INDUSTRIAL—Continued**

**Ladders—Continued**

- 76 8140 Step
- 76 8150 Trestle
- 76 8190 Ladders, not elsewhere classified
- 76 8200 *Scaffolding Equipment*
- 76 8210 Extension plank
- 76 8220 Scaffolding equipment, except extension plank
- 76 8300 *Wagon and Farm Machinery, Wooden Parts*
- 76 8310 Neckyokes
- 76 8320 Breakbeams
- 76 8330 Whiffletrees and eveners
- 76 8340 Bolsters and stakes
- 76 8350 Reaches and poles
- 76 8360 Felloes, spokes, hubs and wheels
- 76 8370 Running boards
- \* 76 8380 Mower pitmans
- 76 8390 Wagon and farm machinery and wooden parts, not elsewhere classified

76 8400 *Dairymen's, Poulterers' and Apiarists' Supplies*

76 8410 Dairymen's

76 8420 Poulterers'

76 8430 Apiarists'

76 8500 *Cabinets and Chests, Tool and Instrument*

76 8600 *Excelsior*

76 8610 Pads

76 8620 Except pads

76 8900 *Miscellaneous Finished Wood Products, Industrial*

76 8901 Adjusters, lamp cord

76 8902 Battery separators and blanks

76 8903 Balls, litho-graining

76 8904 Clamps

76 8905 Cleats

76 8906 Cores

76 8907 Dowels

76 8908 Mallets and maul

76 8911 Pulleys, tackle and hoisting

76 8912 Reels

76 8913 Spools

76 8999 Finished wood products, industrial, not elsewhere classified

76 9000 **MISCELLANEOUS FINISHED WOOD PRODUCTS**

76 9100 *Marine Supplies*

76 9101 Bits

76 9102 Bull's eyes (lizards)

76 9103 Cable dressers

76 9104 Cable rollers

76 9105 Fids

76 9106 Mast head balls and mast trucks

76 9107 Parnels

76 9108 Sheaves

76 9199 Marine supplies, not elsewhere classified

76 9200 *Flagpoles, Spars, Tent Poles and Pins*

76 9210 Flagpoles

76 9220 Spars

76 9221 Masts

76 9222 Booms, yards and gaffs

76 9229 Spars, not elsewhere classified

76 9230 Tent poles

76 9240 Tent pins

76 9300 *Rafts, Floats, Belts and Buoys*

76 9400 *Sticks: Candy, Ice Cream, Floral, Flag and Garden*

76 9500 *Swizzle Sticks, Muddlers and Champagne Stirrers*

76 9900 *Miscellaneous Finished Wood Products*

76 9901 Batons

76 9902 Bearings, propeller shaft (include blocks and segments)

76 9903 Bearings, thrust, waterwheel and similar bearings



# FINISHED WOOD PRODUCTS, EXCEPT FURNITURE AND MILL- WORK—Continued

## MISCELLANEOUS FINISHED WOOD PRODUCTS—Continued Miscellaneous Finished Wood Products—Continued

76 9904	Bushings
76 9905	Clubs, policeman
76 9906	Faucets and spigots
76 9907	Gavel
76 9908	Scoops
76 9911	Splints
76 9912	Depressors
76 9999	Finished wood products, not elsewhere classified

## MAJOR GROUP 77—END PRODUCTS OF GLASS, CLAY, AND STONE

- 77 0000 *END PRODUCTS OF GLASS, CLAY, AND STONE*
- 77 1000 *GLASS CONTAINERS*
- 77 1100 *Food Product Containers*
- 77 1110 Narrow-neck packers' ware
- 77 1120 Wide-mouth packers' ware
- 77 1130 Packers' tumblers
- 77 1140 Domestic containers
- 77 1141 Home canning jars
- 77 1142 Jelly glasses
- 77 1150 Milk bottles
- 77 1190 Food product containers, not elsewhere classified
- 77 1200 *Beverage Bottles*
- 77 1220 Malt beverage bottles
- 77 1230 Liquor bottles
- 77 1240 Wine bottles
- 77 1250 Carbonated non-alcoholic beverage bottles
- 77 1260 Non-carbonated non-alcoholic beverage bottles
- 77 1290 Beverage bottles, not elsewhere classified
- 77 1300 *Medicinal and Toilet Preparation Containers*
- 77 1310 Vials
- 77 1320 Ampoules
- 77 1330 Cosmetic containers
- 77 1331 Cosmetic cream jars
- 77 1332 Perfume and toilet water bottles, except vials
- 77 1339 Cosmetic containers, not elsewhere classified
- 77 1340 Prescription bottles and jars
- 77 1350 Pharmaceutical bottles and jars
- 77 1390 Medicinal and toilet preparation containers, not elsewhere classified
- 77 1900 *Miscellaneous Glass Containers, Including General Purpose Ware*
- 77 1910 Containers for household supplies
- 77 1920 Containers for chemical products, except technical and scientific laboratory glassware
- 77 1930 Battery jars
- 77 1990 Glass containers, not elsewhere classified
- 77 2000 *GLASS TABLEWARE AND KITCHEN ARTICLES*
- 77 2100 *Glass Tumblers*
- 77 2110 Machine-made tumblers
- 77 2111 Plain
- 77 2112 Decorated or cut
- 77 2113 Specially tempered
- 77 2119 Machine-made tumblers, not elsewhere classified
- 77 2120 Hand-made pressed tumblers
- 77 2121 Plain
- 77 2122 Decorated or cut
- 77 2130 Hand-made blown tumblers
- 77 2131 Plain
- 77 2132 Decorated or cut
- 77 2190 Glass tumblers, not elsewhere classified
- 77 2200 *Glass Goblets*
- 77 2210 Machine-made goblets
- 77 2211 Plain
- 77 2212 Decorated or cut
- 77 2220 Hand-made pressed goblets
- 77 2221 Plain
- 77 2222 Decorated or cut

# END PRODUCTS OF GLASS, CLAY, AND STONE—Continued

## GLASS TABLEWARE AND KITCHEN ARTICLES—Continued

### *Glass Goblets—Continued*

- 77 2230 Hand-made blown goblets
- 77 2231 Plain
- 77 2232 Decorated or cut
- 77 2290 Glass goblets, not elsewhere classified

### *Glass Barware*

- 77 2300 Machine-made barware
- 77 2310 Plain
- 77 2312 Decorated or cut
- 77 2320 Hand-made pressed barware
- 77 2321 Plain
- 77 2322 Decorated or cut
- 77 2330 Hand-made blown barware
- 77 2331 Plain
- 77 2332 Decorated or cut
- 77 2390 Glass barware, not elsewhere classified

### *Glass Plates*

- 77 2400 Machine-made glass plates
- 77 2410 Plain
- 77 2412 Decorated or cut, except heat-resistant
- 77 2413 Specially tempered
- 77 2414 Heat-resistant ovenware
  - 77 24141 Plain
  - 77 24142 Decorated

- 77 2419 Machine-made glass plates, not elsewhere classified
- 77 2420 Hand-made pressed glass plates
- 77 2421 Plain
- 77 2422 Decorated or cut
- 77 2490 Glass plates, not elsewhere classified

### *Glass Dishes*

- 77 2500 Machine-made glass dishes
- 77 2510 Plain
- 77 2512 Decorated or cut, except heat-resistant
- 77 2513 Specially tempered
- 77 2514 Heat-resistant ovenware
  - 77 25141 Plain
  - 77 25142 Decorated

- 77 2519 Machine-made glass dishes, not elsewhere classified

### *Hand-made pressed glass dishes*

- 77 2520 Plain
- 77 2521 Decorated or cut
- 77 2530 Hand-made blown glass dishes
- 77 2531 Plain
- 77 2532 Decorated or cut
- 77 2590 Glass dishes, not elsewhere classified

### *Glass Cups and Saucers*

- 77 2600 Machine-made cups and saucers
- 77 2610 Plain
- 77 2612 Decorated or cut
- 77 2613 Specially tempered
- 77 2619 Machine-made glass cups and saucers, not elsewhere classified
- 77 2620 Hand-made pressed cups and saucers
- 77 2621 Plain
- 77 2622 Decorated or cut
- 77 2630 Hand-made blown cups and saucers
- 77 2631 Plain
- 77 2632 Decorated or cut
- 77 2690 Glass cups and saucers, not elsewhere classified

### *Glass Bowls*

- 77 2700 Machine-made glass bowls
- 77 2710 Plain
- 77 2712 Decorated or cut, except heat-resistant
- 77 2713 Heat-resistant ovenware
  - 77 27131 Plain
  - 77 27132 Decorated
- 77 2719 Machine-made glass bowls, not elsewhere classified



# END PRODUCTS OF GLASS, CLAY, AND STONE—Continued

## GLASS TABLEWARE AND KITCHEN ARTICLES—Continued

### *Glass Bowls—Continued*

- 77 2720 Hand-made pressed glass bowls
- 77 2721 Plain
- 77 2722 Decorated or cut
- 77 2730 Hand-made blown glass bowls
- 77 2731 Plain
- 77 2732 Decorated or cut
- 77 2790 Glass bowls, not elsewhere classified
- 77 2800 *Top-of-Stove Glassware (Special Heat-Resistant)*
- 77 2810 Frying pans
- 77 2820 Sauce pans and double boilers
- 77 2830 Kettles
- 77 2831 Plain
- 77 2932 Decorated
- 77 2840 Coffee makers
- 77 2841 Plain
- 77 2842 Decorated
- 77 2890 Top-of-stove glassware (special heat-resistant), not elsewhere classified

### *Miscellaneous Glass Tableware and Kitchen Articles*

- 77 2900 Machine-made
- 77 2910 Plain
- 77 2912 Cut or decorated
- 77 2920 Hand-made pressed
- 77 2921 Plain
- 77 2922 Cut or decorated
- 77 2930 Hand-made blown
- 77 2931 Plain
- 77 2932 Cut or decorated
- 77 2990 Glass tableware and kitchen articles, not elsewhere classified
- 77 3000 UTILITY GLASS AND GLASSWARE, EXCEPT TABLEWARE AND KITCHEN

### ARTICLES

#### *Glass Mirrors*

- 77 3100 Plate glass
- 77 3110 Heavy sheet glass
- 77 3120 Window glass
- 77 3130 Picture glass (thin glass)
- 77 3140 Vanity mirrors
- 77 3142 Picture glass mirrors, except vanity mirrors
- 77 3190 Glass mirrors, not elsewhere classified
- 77 3200 *Glass Deskware (Include Paper Weights, Inkwells, and Similar Articles)*

- 77 3210 Machine-made
- 77 3220 Hand-made
- 77 3300 *Aquarium Glass Tanks and Glassware*
- 77 3310 Glass tanks
- 77 3320 Fish bowls
- 77 3390 Aquarium glassware, not elsewhere classified
- 77 3900 *Utility Glass and Glassware, Except Tableware and Kitchen Articles, Not Elsewhere Classified*

## ART AND DECORATIVE GLASSWARE

### *Glass Figures*

- 77 4100 Machine-made
- 77 4110 Plain
- 77 4112 Decorated
- 77 4120 Hand-made
- 77 4121 Plain
- 77 4122 Decorated
- 77 4200 *Glass Lamp Bases and Candlesticks*
- 77 4210 Machine-made
- 77 4211 Plain
- 77 4212 Cut or decorated
- 77 4220 Hand-made
- 77 4221 Plain
- 77 4222 Cut or decorated

# END PRODUCTS OF GLASS, CLAY, AND STONE—Continued

## ART AND DECORATIVE GLASSWARE—Continued

### *Glass Vases and Flower Bowls*

- 77 4300 Machine-made
- 77 4310 Plain
- 77 4312 Cut or decorated
- 77 4320 Hand-made
- 77 4321 Plain
- 77 4322 Cut or decorated

### *Glass Trays*

- 77 4400 Made of bent plate or window glass
- 77 4410 Plain
- 77 4412 Cut or decorated
- 77 4490 Glass trays, not elsewhere classified

### *Glass Flowers*

### *Art and Decorative Glassware, Not Elsewhere Classified*

- 77 4900 Machine-made
- 77 4910 Plain
- 77 4912 Decorated
- 77 4920 Hand-made
- 77 4921 Plain
- 77 4922 Decorated

## TECHNICAL AND SCIENTIFIC LABORATORY GLASSWARE

### *Heavy Blown and Pressed Ware*

- 77 5100 Reagent bottles
- 77 5110 Bell jars
- 77 5120 Graduated heavy blown ware
- 77 5130 Heavy blown and pressed ware, not elsewhere classified

### *Light Blown Ware*

- 77 5200 Flasks
- 77 5210 Not graduated
- 77 5212 Graduated
- 77 5220 Beakers
- 77 5221 Not graduated
- 77 5222 Graduated
- 77 5230 Cylinders
- 77 5231 Not graduated
- 77 5232 Graduated
- 77 5290 Light blown ware, not elsewhere classified
- 77 5291 Not graduated
- 77 5292 Graduated

### *Fabricated Tubing*

- 77 5300 Test tubes
- 77 5310 Funnel
- 77 5320 Not graduated
- 77 5322 Graduated
- 77 5330 Pipettes and burettes
- 77 5331 Not graduated
- 77 5332 Graduated
- 77 5340 Condensers
- 77 5350 Stop cocks
- 77 5390 Fabricated tubing, not elsewhere classified

### *Culture and Petri Dishes*

### *Technical and Scientific Laboratory Glassware, Not Elsewhere Classified*

## POTTERY PRODUCTS

### *China and Porcelain Pottery Products*

- 77 6100 Table and kitchen articles (for preparing, serving, or storing food or drink)
- 77 6110 Household articles
- 77 61110 Plates
- 77 61111 Not decorated
- 77 61112 Decorated
- 77 61120 Cups
- 77 61121 Not decorated
- 77 61122 Decorated
- 77 61130 Saucers
- 77 61131 Not decorated

END PRODUCTS OF GLASS, CLAY, AND STONE—Continued

POTTERY PRODUCTS—Continued

*China and Porcelain Pottery Products—Continued*

Table and kitchen articles—Continued

Household articles—Continued

Saucers—Continued

- 77 611132 Decorated
- 77 611140 Kitchen articles
- 77 611141 Not decorated
- 77 611142 Decorated
- 77 611190 Household articles, not elsewhere classified
- 77 611191 Not decorated
- 77 611192 Decorated
- 77 6112 Commercial articles (hotel, restaurant, soda fountain, club)
  - 77 611210 Plates
  - 77 611211 Not decorated
  - 77 611212 Decorated
  - 77 611220 Cups
  - 77 611221 Not decorated
  - 77 611222 Decorated
  - 77 611230 Saucers
  - 77 611231 Not decorated
  - 77 611232 Decorated
  - 77 611240 Kitchen articles
  - 77 611241 Not decorated
  - 77 611242 Decorated
  - 77 611290 Commercial articles, not elsewhere classified
  - 77 611291 Not decorated
  - 77 611292 Decorated
- 77 6119 Table and kitchen articles (for preparing, serving, or storing food or drink), not elsewhere classified
  - 77 611910 Plates, not elsewhere classified
  - 77 611911 Not decorated
  - 77 611912 Decorated
  - 77 611920 Cups, not elsewhere classified
  - 77 611921 Not decorated
  - 77 611922 Decorated
  - 77 611930 Saucers, not elsewhere classified
  - 77 611931 Not decorated
  - 77 611932 Decorated
  - 77 611940 Kitchen articles, not elsewhere classified
  - 77 611941 Not decorated
  - 77 611942 Decorated
  - 77 611990 China and porcelain table and kitchen articles (for preparing, serving, or storing food or drink), not elsewhere classified
    - 77 611991 Not decorated
    - 77 611992 Decorated
- 77 6120 Art and decorative ware
- 77 6121 China and porcelain figures
  - 77 612101 Not decorated
  - 77 612102 Decorated
- 77 6122 China and porcelain lamp bases
  - 77 612201 Not decorated
  - 77 612202 Decorated
- 77 6123 China and porcelain vases
  - 77 612301 Not decorated
  - 77 612302 Decorated
- 77 6129 China and porcelain art and decorative ware, not elsewhere classified
  - 77 612901 Not decorated
  - 77 612902 Decorated
- 77 6130 China and porcelain laboratory ware
- 77 6131 Ball-mill jars
- 77 6132 Beakers
- 77 6133 Casseroles
- 77 6134 Crucibles
- 77 6135 Dishes



END PRODUCTS OF GLASS, CLAY, AND STONE--Continued

POTTERY PRODUCTS--Continued

*China and Porcelain Pottery Products--Continued*

China and porcelain laboratory ware--Continued

- 77 6136 Funnels
- 77 6137 Mortars and pestles
- 77 6138 Plates and rings
- 77 6139 China and porcelain laboratory ware, not elsewhere classified
- 77 6190 China and porcelain pottery products, not elsewhere classified
  - 77 619001 Not decorated
  - 77 619002 Decorated
- 77 6200 *Fine Earthenware (Whiteware) Pottery Products (Having Either an Artificially Colored Body, or a Compounded, Naturally White or Nearly White Body)*
- 77 6210 Table and kitchen articles (for preparing, serving, or storing food or drink)
- 77 6211 Household articles
  - 77 621110 Plates
    - 77 621111 Not decorated
    - 77 621112 Decorated
  - 77 621120 Cups
    - 77 621121 Not decorated
    - 77 621122 Decorated
  - 77 621130 Saucers
    - 77 621131 Not decorated
    - 77 621132 Decorated
  - 77 621140 Kitchen articles
    - 77 621141 Not decorated
    - 77 621142 Decorated
  - 77 621190 Household articles, not elsewhere classified
    - 77 621191 Not decorated
    - 77 621192 Decorated
- 77 6212 Commercial articles (hotel, restaurant, soda fountain, club)
  - 77 621210 Plates
    - 77 621211 Not decorated
    - 77 621212 Decorated
  - 77 621220 Cups
    - 77 621221 Not decorated
    - 77 621222 Decorated
  - 77 621230 Saucers
    - 77 621231 Not decorated
    - 77 621232 Decorated
  - 77 621240 Kitchen articles
    - 77 621241 Not decorated
    - 77 621242 Decorated
  - 77 621290 Commercial articles, not elsewhere classified
    - 77 621291 Not decorated
    - 77 621292 Decorated
- 77 6219 Table and kitchen articles (for preparing, serving, or storing food or drink, not elsewhere classified)
  - 77 621910 Plates, not elsewhere classified
    - 77 621911 Not decorated
    - 77 621912 Decorated
  - 77 621920 Cups, not elsewhere classified
    - 77 621921 Not decorated
    - 77 621922 Decorated
  - 77 621930 Saucers, not elsewhere classified
    - 77 621931 Not decorated
    - 77 621932 Decorated
  - 77 621940 Kitchen articles, not elsewhere classified
    - 77 621941 Not decorated
    - 77 621942 Decorated
  - 77 621990 Fine earthenware table and kitchen articles (for preparing, serving, or storing food or drink), not elsewhere classified
    - 77 621991 Not decorated
    - 77 621991 Decorated

# END PRODUCTS OF GLASS, CLAY, AND STONE—Continued

## POTTERY PRODUCTS—Continued

### *Fine Earthenware (Whiteware) Pottery Products (Having Either an Artificially Colored Body, or a Compounded, Naturally White or Nearly White Body)—Continued*

- 77 6220 Fine earthenware art and decorative ware
- 77 6222 Figures
  - 77 622201 Not decorated
  - 77 622202 Decorated
- 77 6224 Lamp bases
  - 77 622401 Not decorated
  - 77 622402 Decorated
- 77 6225 Garden ware
  - 77 622501 Not decorated
  - 77 622502 Decorated
- 77 6226 Vases
  - 77 622601 Not decorated
  - 77 622602 Decorated
- 77 6229 Fine earthenware art and decorative ware, not elsewhere classified
  - 77 622901 Not decorated
  - 77 622902 Decorated
- 77 6290 Fine earthenware (whiteware) pottery products (having either an artificially colored body or a compounded, naturally white or nearly white body), not elsewhere classified
  - 77 629001 Not decorated
  - 77 629002 Decorated
- 77 6300 *Coarse Earthenware Pottery Products (Having a Body Not Artificially Colored, Either Wholly of Clay, or Compounded, Buff, Brown, Red, or Gray in Color)*
- 77 6310 Table and kitchen articles (for preparing, serving, or storing food or drink)
- 77 6311 Table articles
  - 77 631101 Not decorated
  - 77 631102 Decorated
- 77 6312 Kitchen articles
  - 77 631201 Not decorated
  - 77 631202 Decorated
- 77 6320 Art and decorative ware (including figures, lamp bases, vases, garden ware)
  - 77 632001 Not decorated
  - 77 632002 Decorated
- 73 6390 Coarse earthenware pottery products (having a body not artificially colored, either wholly of clay, or compounded, buff, brown, red, or gray in color), not elsewhere classified
  - 77 639001 Not decorated
  - 77 639002 Decorated
- 77 6400 *Fine Stoneware (Except Chemical Stoneware) Pottery Products (Having Either an Artificially Colored Body, or a Compounded, Naturally White or Nearly White Body)*
- 77 6410 Table and kitchen articles (for preparing, serving, or storing food or drink)
- 77 6411 Table articles
  - 77 641101 Not decorated
  - 77 641102 Decorated
- 77 6412 Kitchen articles
  - 77 641201 Not decorated
  - 77 641202 Decorated
- 77 6420 Art and decorative ware (including figures, lamp bases, vases, garden ware)
  - 77 642001 Not decorated
  - 77 642002 Decorated
- 77 6490 Fine stoneware (except chemical stoneware) pottery products (having either an artificially colored body, or a compounded, naturally white or nearly white body), not elsewhere classified

# END PRODUCTS OF GLASS, CLAY, AND STONE—Continued

## POTTERY PRODUCTS—Continued

- 77 6500 *Coarse Stoneware (Except Chemical Stoneware) Pottery Products (Having a Body Not Artificially Colored, Either Wholly of Clay, or Compounded, Buff, Brown, Red, or Gray in Color)*
- 77 6510 Table and kitchen articles (for preparing, serving, or storing food or drink)
- 77 6511 Table articles
  - 77 651101 Not decorated
  - 77 651102 Decorated
- 77 6512 Kitchen articles
  - 77 651201 Not decorated
  - 77 651202 Decorated
- 77 6520 Art and decorative ware (Including figures, lamp bases, garden ware)
  - 77 652001 Not decorated
  - 77 652002 Decorated
- 77 6590 Coarse stoneware (except chemical stoneware) pottery products (having a body not artificially colored, either wholly of clay, or compounded, buff, brown, red, or gray in color), not elsewhere classified
  - 77 659001 Not decorated
  - 77 659002 Decorated
- 77 6900 *Pottery Products, Not Elsewhere Classified*
  - 77 690001 Not decorated
  - 77 690002 Decorated

## NATURAL-STONE END PRODUCTS

- 77 7100 *Natural-Stone Products, Monumental, Except Statuary*
- 77 7110 Natural-stone monuments
  - 77 7111 Marble
  - 77 7112 Granite
  - 77 7113 Limestone
  - 77 7119 Natural-stone monuments, not elsewhere classified
- 77 7120 Natural-stone markers
  - 77 7121 Marble
  - 77 7122 Granite
  - 77 7123 Limestone
  - 77 7129 Natural-stone markers, not elsewhere classified
- 77 7130 Natural-stone gravestones
  - 77 7131 Marble
  - 77 7132 Granite
  - 77 7133 Limestone
  - 77 7139 Natural-stone gravestones, not elsewhere classified
- 77 7190 Natural-stone products, monumental, except statuary, not elsewhere classified
- 77 7200 *Natural-Stone Furniture*
- 77 7210 Natural-stone pedestals
  - 77 7211 Marble
  - 77 7212 Granite
  - 77 7213 Limestone
  - 77 7219 Natural-stone pedestals, not elsewhere classified
- 77 7220 Natural-stone table tops and benches
  - 77 7221 Marble
  - 77 7222 Granite
  - 77 7223 Limestone
  - 77 7229 Natural-stone table tops and benches, not elsewhere classified
- 77 7230 Natural-stone church furniture
  - 77 7231 Marble
  - 77 7232 Granite
  - 77 7233 Limestone
  - 77 7239 Natural-stone church furniture, not elsewhere classified
- 77 7290 Natural-stone furniture, not elsewhere classified
- 77 7300 *Natural-Stone Statuary*
- 77 7301 Marble
- 77 7302 Granite
- 77 7303 Limestone
- 77 7399 Natural-stone statuary, not elsewhere classified



**END PRODUCTS OF GLASS, CLAY, AND STONE—Continued**  
**POTTERY PRODUCTS—Continued**

77 7900	<i>Miscellaneous Natural-Stone End Products</i>
77 7901	Marble
77 7902	Granite
77 7903	Limestone
77 7999	Natural-stone end products, not elsewhere classified
77 9000	<b>MISCELLANEOUS END PRODUCTS OF GLASS, CLAY, AND STONE</b>
77 9100	<i>Artificial Stone Products</i>
77 9200	<i>Plaster of Paris Products</i>
77 9210	Statues, statuettes, and bas-reliefs
77 9290	Plaster of Paris products, not elsewhere classified
77 9300	<i>Fused Silica and Quartz Products</i>
77 9310	Fused silica and quartz laboratory ware
77 9311	Silica
77 9312	Quartz
77 9320	Fused silica and quartz articles, except laboratory ware
77 9321	Silica
77 9322	Quartz
77 9900	<i>End Products of Glass, Clay, and Stone, Not Elsewhere Classified</i>



## MAJOR GROUP 79—MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES

- 79 0000 *MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES*
- 79 1000 *GAMES, TOYS, SPORTING AND ATHLETIC GOODS*
- 79 1100 *Games, Except Toy Games*
- 79 1110 Chess and checkers
- 79 1120 Dice
- 79 1130 Dominoes
- 79 1140 Playing cards
- 79 1150 Poker chips
- 79 1160 Punchboard games
- 79 1170 Puzzles
- 79 1190 Games, except toy games, not elsewhere classified
- 79 1200 *Toys, Except Mechanical*
- 79 1210 Stuffed toy animals
- 79 1220 Toy furniture
- 79 1230 Doll carriages and doll carts
- 79 1240 Airplanes and airplane construction sets
- 79 1250 Construction sets, except airplane
- 79 1260 Toy games
- 79 1290 Toys, except mechanical, not elsewhere classified
- 79 1300 *Toys, Mechanical*
- 79 1310 Trains and equipment
- 79 1320 Airplanes, mechanical
- 79 1330 Toy guns and air rifles
- 79 1340 Toy games, mechanical
- 79 1390 Toys, mechanical, not elsewhere classified
- 79 1400 *Dolls, Doll Parts, and Doll Clothing*
- 79 1410 Dolls
- 79 1420 Doll parts
- 79 1430 Doll clothing
- 79 1500 *Children's Carriages and Other Wheel Goods*
- 79 1510 Baby carriages, strollers, sulkies, beach carts, and gocarts
- 79 1520 Velocipedes and tricycles
- 79 1530 Scooters and sidewalk cycles
- 79 1540 Children's wagons (coasters, express, play)
- 79 1550 Children's automobiles
- 79 1560 Three-wheel play cars
- 79 1570 Sleds
- 79 1580 Baby walkers and tenders
- 79 1590 Children's carriages and other wheel goods, not elsewhere classified
- 79 1600 *Sporting Goods*
- 79 1610 Fishing tackle
- 79 1611 Fishing rods and poles
  - 79 16111 Bait casting
  - 79 16112 Fly casting
  - 79 16113 Trolling, boat and deep sea
  - 79 16114 Surf casting
  - 79 16119 Fishing rods and poles, not elsewhere classified
- 79 1612 Fishing reels
  - 79 16121 Bait casting
  - 79 16122 Fly casting
  - 79 16123 Salt water
  - 79 16124 Spinning
  - 79 16129 Fishing reels, not elsewhere classified



MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES—Continued

GAMES, TOYS, SPORTING AND ATHLETIC GOODS—Continued

*Sporting Goods—Continued*

Fishing tackle—Continued

79 1613	Fishing lines (ready for use)
	79 161310 Fly casting
	79 161311 Silk
	79 161312 Linen
	79 161313 Cotton
	79 161314 Synthetic
	79 161319 Fly casting, not elsewhere classified
	79 161320 Bait casting
	79 161321 Silk
	79 161322 Linen
	79 161323 Cotton
	79 161324 Synthetic
	79 161329 Bait casting, not elsewhere classified
	79 161330 Salt water
	79 161331 Silk
	79 161332 Linen
	79 161333 Cotton
	79 161334 Synthetic
	79 161335 Metal
	79 161339 Salt water, not elsewhere classified
	79 161340 Trolling, trot, and general purpose
	79 161341 Silk
	79 161342 Linen
	79 161343 Cotton
	79 161344 Synthetic
	79 161345 Metal
	79 161349 Trolling, trot, and general purpose, not elsewhere classified
79 1614	Fish hooks
	79 16141 Single, not snelled
	79 16142 Double
	79 16143 Treble
	79 16144 Snelled hooks
	79 16149 Fish hooks, not elsewhere classified
79 1615	Artificial flies, baits and lures
	79 16151 Flies, artificial
	79 16152 Baits
	79 16153 Lures
79 1616	Leaders
	79 16161 Silkworm gut
	79 16162 Synthetic
	79 16163 Metal
	79 16169 Leaders, not elsewhere classified
79 1617	Fishing baskets (Creels) and boxes
	79 16171 Baskets (Creels)
	79 16172 Boxes: tackle, bait and fly
79 1619	Miscellaneous fishing tackle
	79 161901 Floats
	79 161902 Fly and line dressing
	79 161903 Gigs
	79 161904 Gaffs
	79 161905 Harpoons
	79 161906 Jigs
	79 161907 Landing nets (fishing)
	79 161908 Leader boxes and pouches
	79 161911 Leads and sinkers
	79 161912 Snaps and swivels
	79 161913 Spears
	79 161914 Rod cases
	79 161915 Rod mountings
	79 161999 Fishing tackle, not elsewhere classified
79 1620	Hunting and shooting goods except firearms and ammunition
79 1621	Gun cleaning rods and accessories
79 1622	Decoys

MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES—Continued

GAMES, TOYS, SPORTING AND ATHLETIC GOODS—Continued

*Sporting Goods*—Continued

Hunting and shooting goods) except firearms and ammunition—Continued

- 79 1623 Game calls
- 79 1624 Traps for trap and skeet shooting
- 79 1629 Hunting and shooting goods, except firearms and ammunition, not elsewhere classified
- 79 1700 *Athletic Goods. Except Uniforms*
- 79 1701 Archery equipment
  - 79 17011 Bows
  - 79 17012 Arrows
  - 79 17013 Targets
  - 79 17014 Quivers
  - 79 17015 Bow strings
  - 79 17016 Finger tabs
  - 79 17017 Arm guards and protectors
  - 79 17018 Gloves and gauntlets
  - 79 17019 Archery equipment, not elsewhere classified
- 79 1702 Badminton equipment
  - 79 17021 Shuttle cocks
  - 79 17022 Rackets
  - 79 17023 Racket presses
  - 79 17024 Nets
  - 79 17029 Badminton equipment, not elsewhere classified
- 79 1703 Basketball equipment
  - 79 17031 Basketballs
  - 79 17032 Basketball bladders
  - 79 17033 Basketball bags
  - 79 17034 Goals
  - 79 17035 Knee guards
  - 79 17039 Basketball equipment, not elsewhere classified
- 79 1704 Baseball equipment
  - 79 17041 Baseballs
  - 79 17042 Bats
  - 79 17043 Bat cases
  - 79 17044 Bases
  - 79 17045 Body and leg protectors
  - 79 17046 Masks
  - 79 17049 Baseball equipment, not elsewhere classified
- 79 1705 Bowling equipment, except alleys
  - 79 17051 Bowling balls
  - 79 17052 Pins
  - 79 17053 Bowling ball bags
  - 79 17059 Bowling equipment, except alleys, not elsewhere classified
- 79 1706 Boxing equipment
  - 79 17061 Gloves
  - 79 17062 Striking bags
  - 79 17063 Protectors (head, ear, nose, teeth)
  - 79 17069 Boxing equipment, not elsewhere classified
- 79 1707 Cricket equipment
  - 79 17071 Balls
  - 79 17072 Bats
  - 79 17079 Cricket equipment, not elsewhere classified
- 79 1708 Croquet (Roque) equipment
  - 79 17081 Balls
  - 79 17082 Mallets
  - 79 17083 Wickets
  - 79 17089 Croquet (Roque) equipment, not elsewhere classified
- 79 1711 Fencing equipment
  - 79 17111 Foils
  - 79 17112 Sabres
  - 79 17113 Swords
  - 79 17114 Masks

MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES—Continued

GAMES, TOYS, SPORTING AND ATHLETIC GOODS—Continued

*Athletic Goods, Except Uniforms*—Continued

Fencing equipment—Continued

- 79 17115 Gloves
- 79 17116 Foil bags
- 79 17117 Fencing jackets
- 79 17119 Fencing equipment, not elsewhere classified

79 1712 Field hockey equipment

- 79 17121 Balls
- 79 17122 Sticks
- 79 17123 Guards, body and leg
- 79 17124 Gloves
- 79 17129 Field hockey equipment, not elsewhere classified

79 1713 Football equipment

- 79 17131 Footballs
- 79 17132 Football bladders
- 79 17133 Football bags
- 79 17134 Helmets
- 79 17135 Pads
- 79 17139 Football equipment, not elsewhere classified

79 1714 Golf equipment

- 79 171410 Bags
- 79 171411 All leather
- 79 171412 Canvas, leather trimmed
- 79 171413 Canvas, except leather trimmed
- 79 171419 Bags, not elsewhere classified
- 79 171420 Balls
- 79 171430 Clubs
- 79 171431 Woods
- 79 171432 Irons
- 79 171440 Club head covers
- 79 171450 Tees
- 79 171490 Golf equipment, not elsewhere classified (include shafts)

79 1715 Gymnasium equipment

- 79 17151 Medicine (Health) balls
- 79 17152 Dumbbells
- 79 17153 Indian clubs
- 79 17154 Exercise weights
- 79 17155 Exercise bars
- 79 17156 Exercise rings
- 79 17157 Trapeze
- 79 17159 Gymnasium equipment, not elsewhere classified

79 1716 Ice hockey equipment, except skates

- 79 17161 Sticks
- 79 17162 Pucks
- 79 17163 Guards, body and leg
- 79 17164 Gloves
- 79 17169 Ice hockey equipment, except skates, not elsewhere classified

79 1717 Lacrosse equipment

- 79 17171 Balls
- 79 17172 Sticks
- 79 17179 Lacrosse equipment, not elsewhere classified

79 1718 Skating equipment

- 79 171810 Ice skates
- 79 171811 Shoes attached
- 79 171812 Without shoes
- 79 171820 Roller skates
- 79 171821 Shoes attached
- 79 171822 Without shoes
- 79 171890 Skating equipment, not elsewhere classified

79 1721 Skiing equipment

- 79 17211 Skis
- 79 17212 Ski poles
- 79 17213 Ski bindings
- 79 17219 Skiing equipment, not elsewhere classified



MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES—Continued

GAMES, TOYS, SPORTING AND ATHLETIC GOODS—Continued

*Athletic Goods, Except Uniforms*—Continued

- |           |  |
|-----------|--|
| 79 1722   | Soccer and rugby equipment                           |
| 79 17221  | Balls  |
| 79 17222  | Bladders   |
| 79 17223  | Soccer ball bags                                     |
| 79 17229  | Soccer and rugby equipment, not elsewhere classified |
| 79 1723   | Softball equipment                                   |
| 79 17231  | Balls  |
| 79 17232  | Bats   |
| 79 17233  | Gloves and mitts                                     |
| 79 17239  | Softball equipment, not elsewhere classified         |
| 79 1724   | Squash equipment                                     |
| 79 17241  | Balls  |
| 79 17242  | Rackets  |
| 79 17243  | Racket presses                                       |
| 79 17249  | Squash equipment, not elsewhere classified           |
| 79 1725   | Table tennis (Ping pong) equipment                   |
| 79 17251  | Balls  |
| 79 17252  | Bats (Paddles)                                       |
| 79 17253  | Nets   |
| 79 17259  | Table tennis (Ping pong), not elsewhere classified   |
| 79 1726   | Tennis equipment                                     |
| 79 172610 | Balls  |
| 79 172620 | Rackets  |
| 79 172630 | Racket frames  |
| 79 172631 | Wood   |
| 79 172632 | Steel  |
| 79 172640 | Racket strings                                       |
| 79 172641 | Gut  |
| 79 172642 | Silk   |
| 79 172643 | Synthetic  |
| 79 172649 | Tennis racket strings, not elsewhere classified      |
| 79 172650 | Racket presses                                       |
| 79 172660 | Racket covers  |
| 79 172670 | Nets   |
| 79 172690 | Tennis equipment, not elsewhere classified           |
| 79 1727   | Track and field equipment                            |
| 79 17271  | Discus   |
| 79 17272  | Javelins   |
| 79 17273  | Vaulting poles                                       |
| 79 17274  | Vaulting and jumping standards                       |
| 79 17275  | Shot, putting (indoor and outdoor)                   |
| 79 17276  | Hammers, throwing                                    |
| 79 17277  | Hurdles  |
| 79 17278  | Batons, relay  |
| 79 17279  | Track and field equipment, not elsewhere classified  |
| 79 1799   | Miscellaneous athletic goods, except uniforms        |
| 79 179901 | Bob-sleds, racing                                    |
| 79 179902 | Curling stones                                       |
| 79 179903 | Handballs  |
| 79 179904 | Horseshoes, pitching                                 |
| 79 179905 | Lawn bowls   |
| 79 179906 | Paddle tennis equipment                              |
| 79 179907 | Playground balls                                     |
| 79 179908 | Polo balls   |
| 79 179911 | Polo mallets   |
| 79 179912 | Push balls   |
| 79 179913 | Quoits   |
| 79 179914 | Shuffleboard cues                                    |
| 79 179915 | Shuffleboard discs                                   |
| 79 179916 | Snowshoes  |
| 79 179917 | Toboggans  |
| 79 179918 | Volley balls   |

MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES—Continued

GAMES, TOYS, SPORTING AND ATHLETIC GOODS—Continued

Athletic Goods, Except Uniforms—Continued

Miscellaneous athletic goods, except uniforms—Continued

79 179921 Waterpolo balls

79 179999 Athletic goods, except uniforms, not elsewhere classified

79 2000 JEWELRY

79 2100 *Jewelers' Findings*<sup>1</sup>

79 2110 Precious metal

79 2111 Platinum

79 2112 Gold

79 2113 Silver

79 2114 Gold-filled and rolled-gold-plated

79 2119 Jewelers' findings, precious metal, not elsewhere classified

79 2120 Base metal

79 2121 Electroplated

79 2122 Not electroplated

79 2200 *Jewelry, Precious Metal*<sup>2</sup>

79 2210 Set with precious, semi-precious or synthetic stones

79 2211 Platinum

79 2212 Gold

79 2213 Silver

79 2214 Gold-filled and rolled-gold-plated

79 2219 Jewelry, precious metal, set with precious, semiprecious or synthetic stones, not elsewhere classified

79 2220 Not set with stones

79 2221 Platinum

79 2222 Gold

79 2223 Silver

79 2224 Gold-filled and rolled-gold-plated

79 2229 Jewelry, precious metal, not set with stones, not elsewhere classified

79 2300 *Jewelry, Base Metal*<sup>2</sup>

79 2310 Set with semi-precious stones, synthetic stones or imitations

79 2311 Electroplated

79 2312 Not electroplated

79 2320 Not set with stones

79 2321 Electroplated

79 2322 Not electroplated

79 2400 *Pearls, Strung, Except Imitation*

79 2410 Natural

79 2420 Cultured (Cultivated)

79 2500 *Costume Jewelry, Except Metal*

79 2510 Pearl imitations

75 2520 Costume jewelry, except pearl imitations

79 2521 Ceramics

79 2522 Coral

79 2523 Glass

79 2524 Jet

79 2525 Leather

79 2526 Plastic

79 2527 Shell

79 2528 Wood

79 2529 Costume jewelry, except pearl imitations, not elsewhere classified

79 2900 *Jewelry, Not Elsewhere Classified*

79 3000 OPHTHALMIC GOODS

79 3100 *Eyeglass and Spectacle Frames, Mountings and Parts*

79 3110 Frames

79 3111 Metal

79 3112 Plastic

79 3113 Shell

79 3119 Frames, not elsewhere classified

79 3120 Mountings

79 3130 Parts

<sup>1</sup> See Supplementary Code 79-1 on page 621.

<sup>2</sup> See Supplementary Codes 79-2 and 79-3 on pages 621 and 622.

MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES—Continued

OPHTHALMIC GOODS—Continued

- 79 3200 *Ophthalmic Lenses, Ground and Polished*
- 79 3210 Single vision
- 79 3211 Colored
- 79 3212 Not colored
- 79 3220 Multi-vision (bifocal and trifocal)
- 79 3221 Colored
- 79 3222 Not colored
- 79 3290 Ophthalmic lenses, ground and polished, not elsewhere classified
- 79 3300 *Spectacles and Eyeglasses*
- 79 3310 Metal frame
- 79 3311 Single vision lenses
  - 79 33111 Colored
  - 79 33112 Not colored
- 79 3312 Multi-vision lenses (bifocal and trifocal)
  - 79 33121 Colored
  - 79 33122 Not colored
- 79 3320 Plastic frame
- 79 3321 Single vision lenses
  - 79 33211 Colored
  - 79 33212 Not colored
- 79 3322 Multi-vision lenses (bifocal and trifocal)
  - 79 33221 Colored
  - 79 33222 Not colored
- 79 3330 Shell and other frames
- 79 3331 Single vision lenses
  - 79 33311 Colored
  - 79 33312 Not colored
- 79 3332 Multi-vision lenses (bifocal and trifocal)
  - 79 33321 Colored
  - 79 33322 Not colored
- 79 3400 *Ray Absorbing Glasses and Goggles*
- 79 3410 Sun and glare glasses and goggles
- 79 3411 Optically ground and polished lenses
  - 79 34111 Metal frame
  - 79 34112 Plastic frame
  - 79 34113 Frames, except metal and plastic
- 79 3412 Lenses, except optically ground and polished
  - 79 34121 Metal frame
  - 79 34122 Plastic frame
  - 79 34123 Frames, except metal and plastic
- 79 3420 Ray absorbing glasses and goggles, except sun and glare glasses and goggles
- 79 3900 *Ophthalmic Goods, Not Elsewhere Classified*
- 79 4000 SURGICAL, MEDICAL AND DENTAL SUPPLIES, AND ORTHOPEDIC APPLIANCES
- 79 4100 *Surgical and Medical Supplies*
- 79 4110 Surgical gauze and dressings
- 79 4120 Absorbent cotton (Cotton, purified)
- 79 4130 Bandages
- 79 4140 Sanitary napkins
- 79 4150 Adhesive plaster
- 79 4160 Sutures
- 79 4170 First aid kits
  - 79 4171 Industrial
  - 79 4172 Household
  - 79 4179 First aid kits, not elsewhere classified
- 79 4180 Atomizers, medical
- 79 4190 Miscellaneous surgical and medical supplies
  - 79 4191 Tongue depressors
  - 79 4192 Vaccine cups
  - 79 4199 Surgical and medical supplies, not elsewhere classified
- 79 4200 *Dental Supplies*
- 79 4210 Teeth
- 79 4211 Acrylic
  - 79 42111 Crown and bridge
  - 79 42112 Prosthetic



MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES—Continued  
 SURGICAL, MEDICAL AND DENTAL SUPPLIES, AND ORTHOPEDIC APPLIANCES—Continued  
*Dental Supplies*—Continued  
 Teeth—Continued

79 4212	Porcelain
	79 42121 Crown and bridge
	79 42122 Prosthetic
79 4219	Teeth, not elsewhere classified
79 4220	Dental abrasive points, wheels, and discs
79 4230	Dental filling materials, except metal
79 4231	Cements and filling porcelain
79 4232	Acrylic resins for inlays and crowns
79 4233	Temporary stoppings
79 4234	Dental filling materials, except metal, not elsewhere classified
79 4240	Waxes, compounds and investments
79 4241	Waxes
79 4242	Compounds, impression and modelling
79 4243	Investments, impression and modelling
79 4250	Denture base materials
79 4251	Dental rubber
	79 42511 Base
	79 42512 Full denture
	79 42513 Granular gum
	79 42514 Inlay material
	79 42515 Veneering
	79 42516 Dental rubber, not elsewhere classified
79 4252	Acrylic resin
79 4259	Denture base materials, not elsewhere classified
79 4260	Dental precious metals and orthodontic appliances
79 4261	Gold and gold-base alloys
	79 426110 Solder
	79 426120 Casting
	79 426130 Filling
	79 426131 Cylinders
	79 426132 Ropes
	79 426133 Foil
	79 426139 Filling golds and gold alloys, not elsewhere classified
	79 426140 Orthodontic appliances
	79 426150 Lingual and palatal bars and bar wire
	79 426160 Shells and crowns
	79 426170 Plates and ingots
	79 426180 Clasp wire and clasp plates
	79 426190 Gold and gold-base alloys, not elsewhere classified
79 4262	Silver and silver-base alloys
	79 42621 Solder
	79 42622 Alloys and amalgams
	79 42623 Orthodontic appliances
	79 42629 Silver and silver-base alloys, not elsewhere classified
79 4263	Platinum
	79 42631 Solder
	79 42632 Foil
	79 42639 Platinum, not elsewhere classified
79 4269	Dental precious metals, not elsewhere classified
79 4270	Dental nonprecious metals and orthodontic appliances
79 4271	Stainless steel
	79 42711 Clasp wire and plate
	79 42712 Lingual and palatal bars and bar wire
	79 42713 Orthodontic appliances
	79 42719 Stainless steel, not elsewhere classified
79 4272	Copper and copper-base alloys
	79 42721 Alloys and amalgams
	79 42722 Nickel-silver wire and plate
	79 42723 Bands
	79 42729 Copper and copper-base alloys, not elsewhere classified

MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES—Continued

SURGICAL, MEDICAL AND DENTAL SUPPLIES, AND ORTHOPEDIC APPLIANCES—Continued

*Dental Supplies*—Continued

Dental nonprecious metals and orthodontic appliances—Con.

- 79 4273 Aluminum
  - 79 42731 Shells
  - 79 42732 Bands
  - 79 42733 Impression trays
  - 79 42739 Aluminum, not elsewhere classified
- 79 4274 Tin
  - 79 42741 Foil
  - 79 42749 Tin, not elsewhere classified
- 79 4279 Dental nonprecious metals, not elsewhere classified
- 79 4290 Miscellaneous dental supplies
- 79 4291 Separating strips and mouth props
- 79 4292 Dental dams
- 79 4293 Rubber orthodontic bands
- 79 4299 Dental supplies, not elsewhere classified
- 79 4300 *Orthopedic Appliances and Related Products*
- 79 4301 Artificial limbs
- 79 4302 Crutches
- 79 4303 Fracture appliances
- 79 4304 Elastic hosiery
- 79 4305 Stump socks
- 79 4306 Wheel chairs and invalid walkers
- 79 4307 Trusses
- 79 4308 Abdominal supporters
- 79 4311 Braces
- 79 4312 Surgical belts
- 79 4313 Suspensories
- 79 4314 Foot appliances
  - 79 43141 Arch supports
  - 79 43149 Foot appliances, not elsewhere classified
- 79 4399 Orthopedic appliances and related products, not elsewhere classified
- 79 4900 *Miscellaneous Surgical and Medical Supplies*
- 79 4910 Artificial eyes
- 79 4920 Hearing aids
- 79 4990 Surgical and medical supplies, not elsewhere classified
- 79 5000 MORTICIANS' GOODS
- 79 5100 *Caskets and Coffins*
- 79 5110 Wooden, natural finish
- 79 5120 Wooden, cloth-covered
- 79 5130 Metal, except cloth-covered
- 79 5140 Metal, cloth-covered
- 79 5190 Caskets and coffins, not elsewhere classified
- 79 5200 *Burial and Shipping Cases*
- 79 5210 Wooden
- 79 5220 Metal
- 79 5290 Burial and shipping cases, not elsewhere classified
- 79 5300 *Burial Garments and Accessories*
- 79 5310 Garments
- 79 5320 Gloves
- 79 5330 Slippers
- 79 5390 Burial garments and accessories, not elsewhere classified
- 79 5400 *Embalming Chemicals and Preparations*
- 79 5410 Embalming fluids
- 79 5420 Cosmetics
- 79 5430 Plastic surgery restorations
- 79 5490 Embalming chemicals and preparations, not elsewhere classified
- 79 5500 *Morticians' Equipment*
- 79 5510 Instruments
- 79 5530 Operating tables
- 79 5590 Morticians' equipment, not elsewhere classified
- 79 5600 *Burial Vaults*
- 79 5610 Metal
- 79 5620 Concrete

MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES—Continued

MORTICIANS' GOODS—Continued

Burial Vaults—Continued

- 79 5630 Plastic
- 79 5690 Burial vaults, not elsewhere classified
- 79 5700 *Funeral Equipment*
- 79 5710 Grave lowering devices
- 79 5730 Grave markers
- 79 5740 Urns for ashes
- 79 5750 Crematory retorts
- 79 5790 Funeral equipment, not elsewhere classified
- 79 5900 *Morticians' Goods, Not Elsewhere Classified*

MUSICAL INSTRUMENTS AND PHONOGRAPHS

Pianos

- 79 6110 Grand
- 79 6120 Upright
- 79 6130 Spinets
- 79 6140 Consoles
- 79 6190 Pianos, not elsewhere classified

Organs

- 79 6210 Pipe organs
- 79 6220 Organs, except pipe organs

79 6300 *Wind Instruments, Except Accordions and Concertinas*

79 6310 Reed

- 79 6311 Clarinets
- 79 6312 Saxophones
- 79 6313 Bassoons
- 79 6314 Oboes
- 79 6319 Reed instruments, not elsewhere classified

79 6320 Cup-mouthpiece

- 79 6321 Bugles
- 79 6322 Cornets and trumpets
- 79 6323 Trombones
- 79 6324 French horns
- 79 6325 Altos
- 79 6326 Baritones

79 6327 Bass

79 6328 Sousaphone

79 6329 Cup-mouthpiece instruments, not elsewhere classified

79 6390 Miscellaneous wind instruments, except accordions and concertinas

79 6391 Flutes

79 6392 Piccolos

79 6393 Pifes

79 6399 Wind instruments, except accordions and concertinas, not elsewhere classified

79 6400

*Stringed Instruments*

- 79 6410 Violins and violas
- 79 6420 Violoncellos and double basses

79 6430 Fretted instruments

- 79 6431 Guitars
- 79 6432 Mandolins
- 79 6433 Banjos and ukeleles
- 79 6434 Balalaikas

79 6439 Fretted instruments, not elsewhere classified

79 6440 Harps

79 6490 Stringed instruments, not elsewhere classified

79 6500 *Percussion Instruments*

79 6510 Cymbals

79 6520 Drums

79 6521 Bass

79 6522 Kettle

79 6523 Snare

79 6529 Drums, not elsewhere classified

79 6530 Xylophones

79 6540 Tambourines

79 6550 Castanets



MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES—Continued

MUSICAL INSTRUMENTS AND PHONOGRAPHS—Continued

*Percussion Instruments—Continued*

- 79 6560 Triangles
- 79 6590 Percussion instruments, not elsewhere classified
- 79 6600 *Electrically Amplified Musical Instruments*
- 79 6610 Electronic pianos
- 79 6620 Reed organs
- 79 6630 Electronic organs
- 79 6640 Fretted instruments
- 79 6690 Electrically amplified musical instruments, not elsewhere classified

*Phonographs and Accessories*

- 79 6710 Electrical phonographs (equipped with an electric motor and a crystal or magnetic pick-up)
- 79 6711 Commercial (include coin-operated phonographs)
- 79 6712 Phonographs, except commercial and phonograph-radio combinations
- 79 6713 Record players (include record players for radio manufacturers and phonograph assemblies)
- 79 6720 Acoustic phonographs (equipped with a spring motor and diaphragm pick-up)
- 79 6721 Portable
- 79 6722 Non-portable
- 79 6730 Phonograph records
- 79 6731 Records (78 rpm)
- 79 6732 Records (33½ rpm), (include electrical transcriptions)
- 79 6739 Phonograph records, not elsewhere classified
- 79 6740 Blank records
- 79 6750 Master records
- 79 6760 Phonograph needles and styli
- 79 6761 Permanent (include diamond point)
- 79 6762 Semi-permanent (include sapphire point)
- 79 6763 Steel needles
- 79 6764 Styli
- 79 6769 Phonograph needles, not elsewhere classified
- 79 6790 Phonographs and accessories, not elsewhere classified

*Parts and Accessories for Musical Instruments*

- 79 6810 Parts for pianos
- 79 6811 Piano actions
- 79 6819 Parts for pianos, not elsewhere classified
- 79 6820 Parts for organs
- 79 6830 Parts for wind instruments
- 79 6831 Reeds
- 79 6832 Mouthpieces
- 79 6833 Keys
- 79 6839 Parts for wind instruments, not elsewhere classified
- 79 6840 Parts for stringed instruments
- 79 6841 Metal strings
- 79 6842 Gut strings
- 79 6843 Bows
- 79 6849 Parts for stringed instruments, not elsewhere classified
- 79 6850 Parts for percussion instruments
- 79 6851 Sticks, brushes and mallets
- 79 6852 Pedals
- 79 6853 Trap racks and holders
- 79 6859 Parts for percussion instruments, not elsewhere classified
- 79 6860 Parts for electrically amplified musical instruments
- 79 6870 Parts for accordions and concertinas
- 79 6871 Reeds
- 79 6879 Parts for accordions and concertinas, not elsewhere classified
- 79 6880 Accessories for musical instruments
- 79 68801 Batons
- 79 68802 Chin rests
- 79 68803 Instrument cases
- 79 68804 Instrument stands
- 79 68805 Metronomes

MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES—Continued

MUSICAL INSTRUMENTS AND PHONOGRAPHS—Continued

Parts and Accessories for Musical Instruments—Continued

Accessories for musical instruments—Continued

- 79 68806 Music stands
- 79 68807 Mutes
- 79 68808 Picks and steels
- 79 68811 Pitch pipes
- 79 68812 Tuning forks
- 79 68899 Accessories for musical instruments, not elsewhere classified

79 6900 *Miscellaneous Musical Instruments*

- 79 6910 Piano accordions
- 79 6920 Accordions, except piano accordions
- 79 6930 Concertinas
- 79 6940 Mouth organs and harmonicas
- 79 6950 Music boxes
- 79 6960 Tuned bells and carillons
- 79 6990 Musical instruments, not elsewhere classified

79 7000 STATIONERS' AND OFFICE SUPPLIES; AND ARTISTS' MATERIALS

79 7100 *Fountain Pens and Mechanical Pencils*

- 79 7110 Fountain pens (include stylographic)
- 79 7120 Fountain pen desk sets
- 79 7130 Fountain pen points
- 79 7131 Gold (14 k)
- 79 7132 Gold plated
- 79 7139 Fountain pen points, not elsewhere classified
- 79 7150 Mechanical pencils

79 7160 Fountain pen and mechanical pencil sets

79 7200 *Penholders and Pen points*

- 79 7210 Penholders
- 79 7220 Pen points
- 79 7221 Alloy steel
- 79 7222 Steel, except alloy
- 79 7229 Pen points, not elsewhere classified

79 7300 *Pencils, Pencil Leads, and Crayons*

- 79 7310 Drawing pencils
- 79 7320 Pencils, black lead, except drawing
- 79 7330 Colored lead pencils (include indelible)
- 79 7340 Pencil leads (include mechanical pencil leads)
- 79 7341 Black
- 79 7342 Indelible and colored
- 79 7360 Chalk crayons

79 7370 Crayons, except chalk crayons

79 7490 *Marking Devices*

- 79 7410 Stamps, dies, seals, and presses
- 79 7420 Letters, figures, and numerals
- 79 7430 Stencils (do not include stencil paper)
- 79 7440 Merchandise markers
- 79 7490 Marking devices, not elsewhere classified

79 7500 *Artists' Materials, Except Drawing Paper and Brushes*

- 79 7510 Artists' and children's paints, including paint sets
- 79 7520 Artists' canvas
- 79 7590 Artists' materials, except drawing paper and brushes, not elsewhere classified

79 7900 *Miscellaneous Stationers' and Office Supplies*

- 79 7902 Book-ends
- 79 7903 Carbon paper
- 79 7904 Calendar stands
- 79 7905 Desk pads
- 79 7906 Desk sets
- 79 7907 Desk baskets and trays
- 79 7908 Eyeleters
- 79 7911 Inked ribbon (include typewriter ribbon)
- 79 7912 Inkstands
- 79 7913 Indexes

MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES—Continued

STATIONERS' AND OFFICE SUPPLIES; AND ARTISTS' MATERIALS—Continued  
*Miscellaneous Stationers' and Office Supplies—Continued*

- 79 7914 Paper cutters
- 79 7915 Paper clips
- 79 7916 Pencil sharpeners
- 79 7917 Perforators and punches
- 79 7918 Stencil paper (typewriter stencils)
- 79 7921 Stamp pads
- 79 7922 Stamp-pad ink
- 79 7923 Staplers
- 79 7924 Staples
- 79 7925 Tackers
- 79 7926 Thumb tacks
- 79 7927 Waste-paper baskets
- 79 7928 Writing ink
- 79 7931 Rulers, office
- 79 7999 Stationers' and office supplies, not elsewhere classified

79 8000 PLASTIC END PRODUCTS (WHOLLY OR PRINCIPALLY OF MATERIALS IN WHICH PLASTICS ARE THE CHIEF BINDING AGENT)

- 79 8010 Candlesticks
- 79 8020 Canteens
- 79 8030 Closures for bottles, vials, jars, and tubes
- 79 8040 Containers (include bottles, jars, vials, and tubes)
- 79 8050 Coin banks
- 79 8060 Combs
- 79 8070 Compacts and vanity cases
- 79 8080 Displays and signs
- 79 8110 Dust pans
- 79 8120 Fruit juicers
- 79 8130 Furniture coverings
- 79 8140 Hairpins
- 79 8150 Helmets
- 79 8160 Knitting needles and crochet hooks
- 79 8170 Napkin rings
- 79 8180 Notions
- 79 8210 Ornaments (figuerettes and statuettes)
- 79 8220 Sheaths and scabbards
- 79 8230 Slide fasteners (Zippers)
- 79 8240 Snap fasteners
- 79 8250 Stoppers
- 79 8260 Tableware
- 79 8270 Transparent paper and tape
- 79 8280 Trays
- 79 8310 Visors and eye shields
- 79 8320 Window shades and pulls
- 79 8330 Utility boxes (include hat, jewelry, cigar, and cigarette boxes)
- 79 8990 Plastic end products, not elsewhere classified

79 9000 MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES

*Brooms and Brushes*

- 79 9100 Brooms
- 79 9111 Floor brooms, except push brooms
  - 79 91111 Broomcorn
  - 79 91112 Floor brooms, except broomcorn
- 79 9112 Push brooms
  - 79 91121 Broomcorn
  - 79 91122 Bass and Bassine
  - 79 91123 Bamboo, rattan and reed
  - 79 91124 Horsehair
  - 79 91125 Hog bristle
  - 79 91129 Push brooms, not elsewhere classified
- 79 9113 Whisk brooms
  - 79 91131 Broomcorn
  - 79 91132 Whisk brooms, except broomcorn
- 79 9114 Street-sweeping machine brooms
- 79 9119 Brooms, not elsewhere classified



MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES—Continued

MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES—Con.  
Brooms and Brushes—Continued

79 9120	Brushes
79 9121	Toilet brushes, except tooth and shaving brushes (include ornamented, mounted, and fretted)
	79 91211 Hog bristle
	79 91212 Synthetic fiber
	79 91219 Toilet brushes, not elsewhere classified
79 9122	Tooth brushes
	79 91221 Hog bristle
	79 91222 Synthetic fiber
	79 91229 Tooth brushes, not elsewhere classified
79 9123	Shaving brushes
	79 91231 Hog bristle
	79 91232 Beaver
	79 91239 Shaving brushes, not elsewhere classified
79 9124	Artists' brushes and hair pencils
79 9125	Paint and varnish brushes, except artists' brushes and hair pencils
	79 91251 Hog bristle
	79 91252 Synthetic fiber
	79 91253 Horsehair
	79 91259 Paint and varnish brushes, not elsewhere classified
79 9126	Industrial brushes, except paint brushes
	79 91261 Rotary power brushes
	79 91262 Wood-back-hand wire brushes
	79 91269 Industrial brushes, except paint brushes, not elsewhere classified
79 9127	Household brushes
	79 91271 Vegetable fiber
	79 91272 Animal hair
	79 91273 Synthetic fiber
79 9129	Brushes, not elsewhere classified
79 9200	Smokers' Articles
79 9210	Pipes
79 9211	Wood
	79 92111 Briar
	79 92112 Wood, except briar
79 9212	Meerschaut
79 9213	Clay
79 9214	Corn cob
79 9215	Porcelain
79 9219	Pipes, not elsewhere classified
79 9220	Holders, cigar and cigarette
79 9221	Wood
	79 92211 Briar
	79 92212 Wood, except briar
79 9222	Meerschaut
79 9223	Clay
79 9226	Metal
79 9227	Paper and quill
79 9228	Amber
79 9229	Holders, cigar and cigarette, not elsewhere classified
79 9230	Tobacco receptacles
79 9231	Tobacco humidors
79 9232	Cigar cases( except jewelry) and humidors
79 9233	Cigarette cases and boxes, except jewelry
79 9234	Tobacco pouches
79 9239	Tobacco receptacles, not elsewhere classified
79 9240	Smokers' accessories
79 9241	Lighters
79 9242	Lighter fluid
79 9243	Pipe reamers, tampers and cleaners
79 9244	Smokers' stands
79 9245	Ash trays
79 9249	Smokers' accessories, not elsewhere classified
79 9290	Smokers' articles, not elsewhere classified

MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES—Continued

MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES—Con.

- 79 9300 *Umbrellas, Parasols and Canes*
- 79 9310 Umbrellas, beach and garden
- 79 9320 Umbrellas, except beach and garden
- 79 9330 Parasols
- 79 9340 Umbrella and parasol frames
- 79 9350 Umbrella and parasol handles and ferrules, except jewelry
- 79 9360 Canes
- 79 9400 *Feathers, Flowers, Foliage and Fruits, Processed for Ornamental Purposes*
- 79 9410 Feathers, ornamental
- 79 9411 Artificial
- 79 9412 Natural
- 79 9420 Flowers, foliage and fruits, artificial
- 79 9421 Costume and millinery
- 79 9422 Decorative, except display
- 79 9423 Display
- 79 9430 Flowers, foliage and fruits, natural
- 79 9500 *Matches*
- 79 9510 Strike anywhere (wood)
- 79 9520 Strike on a prepared surface
- 79 9521 Wood
- 79 9522 Paper
- 79 9590 Matches, not elsewhere classified
- 79 9600 *Luggage*
- 79 9610 Suitcases and traveling bags
- 79 9611 Leather
- 79 9619 Suitcases and traveling bags, not elsewhere classified
- 79 9620 Trunks
- 79 9621 Leather
- 79 9629 Trunks, not elsewhere classified
- 79 9630 Satchels and Boston bags
- 79 9631 Leather
- 79 9639 Satchels and Boston bags, not elsewhere classified
- 79 9640 Briefcases
- 79 9641 Leather
- 79 9649 Briefcases, not elsewhere classified
- 79 9690 Miscellaneous luggage
- 79 9691 Leather
- 79 9699 Luggage, not elsewhere classified
- 79 9700 *Cork Products*
- 79 9710 Bumpers and fenders
- 79 9720 Bulletin boards
- 79 9730 Fishing floats
- 79 9731 Bobbers
- 79 9732 Seines
- 79 9739 Fishing floats, not elsewhere classified
- 79 9740 Life preservers
- 79 9750 Buoy
- 79 9751 Ring
- 79 9752 Mooring
- 79 9759 Buoys, not elsewhere classified
- 79 9760 Closures
- 79 9761 Bungs
- 79 9762 Daubers
- 79 9763 Stoppers
- 79 9769 Cork closures, not elsewhere classified
- 79 9770 Mats
- 79 9771 Table
- 79 9772 Bath
- 79 9779 Cork mats, not elsewhere classified
- 79 9780 Wheels, polishing and grinding
- 79 9790 Cork products, not elsewhere classified
- 79 9800 *Buttons*
- 79 9810 Metal, except jewelry
- 79 9811 Embossed
- 79 9812 Metal buttons, except embossed

MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES—Continued

MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES—Con.  
Buttons—Continued

79 9820	Pearl
79 9821	Ocean
79 9822	Fresh-water
79 9830	Vegetable ivory
79 9840	Plastic
79 9841	Synthetic resin
79 9842	Cellulose
79 9843	Casein (Galalith)
79 9849	Plastic buttons, not elsewhere classified
79 9850	Wood
79 9860	Leather
79 9870	Glass
79 9880	Covered with fabric
79 9890	Miscellaneous buttons
79 9891	Bone
79 9892	Horn
79 9893	Porcelain
79 9894	Textile (crochet)
79 9899	Buttons, not elsewhere classified
79 9900	<i>Miscellaneous End Products of Manufacturing Industries</i>
79 9910	Fireworks
79 9911	Industrial
	79 99111 Flares
	79 99112 Railroad fuzes
	79 99113 Railroad torpedoes
	79 99119 Industrial fireworks, not elsewhere classified
79 9912	Display and exhibition
	79 99121 Set pieces
	79 99122 Aerial bombs
	79 99123 Rockets
	79 99124 Colored flares
	79 99129 Display and exhibition fireworks, not elsewhere classified
79 9913	Novelty fireworks
	79 99131 Firecrackers (Salutes)
	79 99132 Caps
	79 99133 Roman candles
	79 99134 Torpedoes
	79 99135 Fountains
	79 99136 Sparklers
	79 99137 Sky rockets
	79 99138 Snakes
	79 99139 Novelty fireworks, not elsewhere classified
79 9920	Candles
79 9921	Beeswax
79 9922	Paraffin
79 9923	Stearin
79 9929	Candles, not elsewhere classified
79 9930	Signs and advertising displays, except printed
79 9931	Vitreous enameled
79 9932	Neon
79 9933	Electric, except neon
79 9934	Metal
79 9939	Signs and advertising displays, except printed, not elsewhere classified
79 9940	Hair manufactures
79 9941	Nets
79 9942	Wigs
79 9943	Transformations
79 9944	Switches
79 9945	Toupees
79 9949	Hair manufactures, not elsewhere classified
79 9950	Military insignia, except textile
79 9960	Identification plates, badges, emblems, and tags, except textile and paper



**MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES—Continued**

**MISCELLANEOUS END PRODUCTS OF MANUFACTURING INDUSTRIES—Con.**  
*Miscellaneous End Products of Manufacturing Industries—Con.*

- 79 9970 Novelties
- 79 9971 Garlands
- 79 9972 Festoons
- 79 9973 Christmas tree decorations
- 79 9979 Novelties, not elsewhere classified
- 79 9980 Models and patterns, except paper patterns
- 79 9990 End products of manufacturing industries, not elsewhere classified

**SUPPLEMENTARY CODE 79-1 FOR JEWELERS' FINDINGS TO BE USED  
IN GROUP 79 2100**

- 01 Bezels
- 02 Chain
- 03 Clasps, necklace and bracelet
- 04 Ear mountings
- 05 Galleries
- 06 Joints
- 07 Jump rings
- 08 Lapel button backs
- 11 Letters and numerals
- 12 Pin stems
- 13 Ring blanks and shanks
- 14 Ring guards
- 15 Ring settings and tops
- 16 Safety catches
- 17 Snap catches
- 18 Spring rings
- 21 Swivels
- 99 Jewelers' findings, not elsewhere classified

**SUPPLEMENTARY CODE 79-2 FOR JEWELRY (PRECIOUS AND BASE  
METAL) TO BE USED IN GROUPS 79 2200 AND 79 2300**

- 01 Bags, mesh
- 02 Bags, set with rhinestones
- 03 Bracelets, adornment
- 04 Bracelets, identification
- 05 Bracelets, watch
- 06 Buckles
- 07 Chains, cable
- 08 Chains, curb
- 11 Chains, novelty
- 12 Chains, rope
- 13 Cigar cases
- 14 Cigar cutters
- 15 Cigar holders
- 16 Cigar and cigarette lighters
- 17 Cigarette cases
- 18 Cigarette holders
- 21 Collar, cuff and dress buttons
- 22 Combs
- 23 Compacts, powder and vanity cases
- 24 Earrings
- 25 Fraternal, college, and school charms, emblems, and pins
- 26 Key chains or holders
- 27 Lockets, lavallieres, pendants, crosses, and religious medals, except chains
- 28 Match boxes
- 32 Millinery and hair ornaments
- 33 Money clips
- 34 Necklaces, necklets, and chokers
- 35 Pill boxes
- 36 Pins (include bar, brooch, lapel, chatelaine, and clips)
- 37 Rings

**SUPPLEMENTARY CODE 79-2 FOR JEWELRY (PRECIOUS AND BASE METAL)—Continued**

38	Rosaries and chaplets
41	Stamp cases
42	Stick pins
43	Tie clips and holders, and collar holders
99	Jewelry, not elsewhere classified

**SUPPLEMENTARY CODE 79-3 FOR JEWELRY (PRECIOUS AND BASE METAL) TO BE USED IN GROUPS 79 2200 AND 79 2300**

1	Men's jewelry
2	Women's jewelry
3	Children's jewelry
9	Jewelry, not elsewhere classified

## MAJOR GROUP 81—SMALL ARMS AND COMPONENTS

81 0000	<i>SMALL ARMS AND COMPONENTS</i>
81 1000	<i>SMALL ARMS, ASSEMBLED</i>
81 1100	<i>Rifles</i>
81 1110	.22 Cal. Rifle
81 1120	.30 Cal. Rifle
81 1130	.30 Cal. Carbine
81 1140	.303 Cal. Rifle
81 1150	.55 Cal. Rifle
81 1190	Rifles, not elsewhere classified
81 1200	<i>Machine Guns and Submachine Guns</i> <sup>1</sup>
81 1210	.30 Cal. Machine gun
81 1220	.303 Cal. Machine gun
81 1230	9 mm Submachine gun
81 1240	.45 Cal. Submachine gun
81 1250	.50 Cal. Machine gun
81 1290	Machine guns and submachine guns, not elsewhere classified
81 1300	<i>Pistols, Revolvers, and Automatics</i>
81 1310	.22 Cal.
81 1320	.25 Cal.
81 1330	.32 Cal.
81 1340	.38 Cal.
81 1350	.45 Cal.
81 1390	Pistols, revolvers, and automatics, not elsewhere classified
81 1400	<i>Shotguns</i>
81 1410	410 Gauge
81 1420	28 Gauge
81 1430	20 Gauge
81 1440	16 Gauge
81 1450	12 Gauge
81 1460	10 Gauge
81 1490	Shotguns, not elsewhere classified
81 1500	<i>Pyrotechnic Pistols and Projectors</i>
81 1900	<i>Small Arms, Assembled, Not Elsewhere Classified</i>
81 2000	<i>GUN BARRELS</i>
81 2100	<i>Rifle Barrels</i>
81 2110	.22 Cal. Rifle
81 2120	.30 Cal. Rifle
81 2130	.30 Cal. Carbine
81 2140	.303 Cal. Rifle
81 2150	.55 Cal. Rifle
81 2190	Rifle barrels, not elsewhere classified
81 2200	<i>Machine Gun and Submachine Gun Barrels</i>
81 2210	.30 Cal. Machine gun
81 2220	.303 Cal. Machine gun
81 2230	9 mm Submachine gun
81 2240	.45 Cal. Submachine gun
81 2250	.50 Cal. Machine gun
81 2290	Machine gun and submarine gun barrels, not elsewhere classified
81 2400	<i>Shotgun Barrels</i>
81 2410	410 Gauge
81 2420	28 Gauge
81 2430	20 Gauge
81 2440	16 Gauge
81 2450	12 Gauge

<sup>1</sup> See Supplementary Code 81-1 on page 624 for types of machine guns and submachine guns.



# SMALL ARMS AND COMPONENTS—Continued

## GUN BARRELS—Continued

### Shotgun Barrels—Continued

- 81 2460 10 Gauge
- 81 2490 Shotgun barrels, not elsewhere classified
- 81 2900 Gun Barrels, Not Elsewhere Classified

## GUN MOUNTS

### Machine Gun and Submachine Gun Mounts

- 81 3210 .30 Cal. Machine gun
- 81 3220 .303 Cal. Machine gun
- 81 3230 9 mm Submachine gun
- 81 3240 .45 Cal. Submachine gun
- 81 3250 .50 Cal. Machine gun
- 81 3290 Machine gun and submachine gun mounts, not elsewhere classified

- 81 3900 Gun Mounts, Not Elsewhere Classified

## GUN MAGAZINES, CYLINDERS, AND CLIPS

## GUN STOCKS

## SMALL ARMS ACCESSORIES

- 81 6100 Metallic Link Belts
- 81 6200 Ammunition Belts
- 81 6300 Bandoleers
- 81 6400 Bayonets, Knives, and Swords
- 81 6900 Small Arms Accessories, Not Elsewhere Classified
- 81 9000 SMALL ARMS AND COMPONENTS, NOT ELSEWHERE CLASSIFIED

## SUPPLEMENTARY CODE 81-1

### Types of Machine Guns and Submachine Guns

- 1 Aircraft
- 2 Anti-aircraft
- 3 Tank
- 4 Combat Vehicle
- 5 Ground Defense
- 6 Tank Destroyer
- 7 Pack
- 9 Not Elsewhere Classified

## MAJOR GROUP 82—ARTILLERY, NAVAL GUNS, MORTARS, AND COMPONENTS

82 0000	ARTILLERY, NAVAL GUNS, MORTARS, AND COMPONENTS
82 1000	ARTILLERY, NAVAL GUNS, AND MORTARS, ASSEMBLED <sup>1</sup>
82 2000	ARTILLERY AND NAVAL GUN BARRELS
82 3000	ARTILLERY AND NAVAL GUN RECOIL MECHANISMS
82 4000	ARTILLERY AND NAVAL GUN MOUNTS AND CARRIAGES
82 9000	ARTILLERY, NAVAL GUNS, MORTARS, AND THEIR COMPONENTS, NOT ELSEWHERE CLASSIFIED

### *Classification By Size\**

01	20 mm Hispano Suiza Gun
02	20 mm Oerlikon Gun
03	25 mm Gun
04	1.1" Gun
05	37 mm Gun
06	1.457" Gun
11	1 Pdr. Gun
12	40 mm Gun
13	2 Pdr. Gun
14	3 Pdr. Gun
15	2" Gun
16	2" Mortar (Bomb thrower)
21	6 Pdr. Gun
22	57 mm Gun
23	60 mm Gun
24	2.36" Rocket projector
25	12 Pdr. Gun
26	17 Pdr. Gun
31	2.95" Gun
32	75 mm Gun
33	75 mm Howitzer
24	76 mm Gun
35	3" Gun
36	3" Mortar
41	81 mm Mortar
43	18 Pdr. Gun
44	25 Pdr. Gun
45	90 mm Gun
46	3.7" Gun
51	4" Gun
52	105 mm Gun
53	105 mm Howitzer
54	4.2" Mortar
55	4.5" Gun
61	4.7" Gun
62	5" Gun
63	5.5" Gun
64	6" Gun
65	155 mm Gun
66	155 mm Howitzer
71	7.2" Gun
72	8" Gun

<sup>1</sup> See Supplementary Code 82-1 for types of artillery, naval guns, and mortars on page C26.

\*Classification by size should be used for groups 8210, 8220, 8230, 8240 and 8290 when applicable. The two-digit code is a part of the Standard Classification system and should be used on fifth and sixth digit positions.

**ARTILLERY, NAVAL GUNS, MORTERS, AND COMPONENTS—Con.**  
*Classification by Size—Continued*

73	8" Howitzer
74	9.2" Gun
75	240 mm Howitzer
76	12" Gun
81	12" Mortar
82	14" Gun
83	16" Gun
90	Not elsewhere classified

**SUPPLEMENTARY CODE 82-1**

*Types of Artillery, Naval Guns and Mortars*

1	Aircraft
2	Anti-aircraft
3	Field Artillery
4	Seacoast and Railway Artillery
5	Tank and self-propelled
6	Anti-tank
7	Surface
9	Not Elsewhere Classified



## MAJOR GROUP 83—SMALL ARMS AMMUNITION AND SPECIFICALLY ADAPTED COMPONENTS

83 0000	SMALL ARMS AMMUNITION AND SPECIFICALLY ADAPTED COMPONENTS
83 1000	COMPLETE ROUNDS
83 1100	Armor Piercing
83 1200	Ball
83 1300	Incendiary
83 1400	Tracer
83 1500	Dummy
83 1600	Practice
83 1700	Blank
83 1800	Buckshot
83 1900	Complete Rounds, Not Elsewhere Classified
83 2000	BULLET CORES <sup>1</sup>
83 2100	Armor Piercing
83 2200	Ball
83 2300	Incendiary
83 2400	Tracer
83 2500	Dummy
83 2600	Practice
83 2700	Blank
83 2800	Buckshot
83 2900	Bullet Cores, Not Elsewhere Classified
83 3000	BULLET JACKETS <sup>1</sup>
83 4000	CARTRIDGE CASES <sup>1</sup>
83 9000	SMALL ARMS AMMUNITION AND SPECIFICALLY ADAPTED COMPONENTS, NOT ELSEWHERE CLASSIFIED <sup>1</sup>

### Classification By Size\*

01	.22 Cal.
02	.25 Cal.
03	.30 Cal.
04	.303 Cal.
05	7.92 mm
11	.32 Cal.
12	9 mm
13	.38 Cal.
14	.45 Cal.
15	.455 Cal.
21	.50 Cal.
22	.55 Cal.
31	410 Gauge
32	28 Gauge
33	20 Gauge
34	16 Gauge
35	12 Gauge
36	10 Gauge
90	Not elsewhere classified

## SUPPLEMENTARY CODE 83-1

### Material Used in Manufacturing Bullet Cores, Bullet Jackets, and Cartridge Cases

1	Brass
2	Steel
3	Copper
4	Gilding Metal
5	Lead
9	Not Elsewhere Classified

<sup>1</sup> See Supplementary Code 83-1 for material used in manufacturing these items.

\*Classification by size should be used for all groups in Major Group 83 when applicable. Fifth and sixth digits should be used for this Code.



## MAJOR GROUP 84—ARTILLERY, NAVAL, AND MORTAR AMMUNITION AND SPECIFICALLY ADAPTED COM- PONENTS

- 84 0000 *ARTILLERY, NAVAL, AND MORTAR AMMUNITION AND SPE-  
CIFICALLY ADAPTED COMPONENTS*
- 84 1000 *COMPLETE ROUNDS*
- 84 1100 *Armor Piercing and Semi-armor Piercing*
- 84 1200 *Ball and Inert*
- 84 1300 *Chemical (Gas, Smoke, and Incendiary)*
- 84 1400 *High Explosive (Include High Capacity)*
- 84 1500 *Shrapnel and Canister*
- 84 1600 *Tracer*
- 84 1700 *Practice and Training*
- 84 1900 *Complete Rounds, Not Elsewhere Classified*
- 84 2000 *PROJECTILE BODIES*
- 84 2100 *Armor Piercing and Semi-armor Piercing*
- 84 2200 *Ball and Inert*
- 84 2300 *Chemical (Gas, Smoke, and Incendiary)*
- 84 2400 *High Explosive (Include High Capacity)*
- 84 2500 *Shrapnel and Canister*
- 84 2600 *Tracer*
- 84 2700 *Practice and Training*
- 84 2900 *Projectile Bodies, Not Elsewhere Classified*
- 84 3000 *CARTRIDGE CASES<sup>1</sup>*
- 84 4000 *CARTRIDGE BAGS*
- 84 4100 *Silk*
- 84 4200 *Cotton*
- 84 4300 *Rayon*
- 84 4400 *Nylon*
- 84 4900 *Cartridge Bags, Not Elsewhere Classified*
- 84 9000 *ARTILLERY, NAVAL, AND MORTAR AMMUNITION COMPONENTS, NOT ELSE-  
WHERE CLASSIFIED*

### *Classification By Size\**

01	20 mm Hispano Suiza Gun
02	20 mm Oerlikon Gun
03	25 mm Gun
04	1.1" Gun
05	37 mm Gun
06	1.457" Gun
11	1 Pdr. Gun
12	40 mm Gun
13	2 Pdr. Gun
14	3 Pdr. Gun
15	2" Gun
16	2" Mortar (Bomb thrower)
21	6 Pdr. Gun
22	57 mm Gun
23	60 mm Gun
24	2.36" Rocket
25	12 Pdr. Gun
26	17 Pdr. Gun

<sup>1</sup> See Supplementary Code 83-1 for material used in manufacturing these items on page 627.

\*Classification by size should be used for all groups in Major Group 84 when applicable. Fifth and sixth digits should be used for this Code.



**ARTILLERY, NAVAL, AND MORTAR AMMUNITION AND SPECIFICALLY ADAPTED COMPONENTS—Continued**  
*Classified by Size—Continued*

31	2.95" Gun
32	75 mm Gun
33	75 mm Howitzer
34	76 mm Gun
35	8" Gun
36	3" Mortar
41	81 mm Mortar
43	18 Pdr. Gun
44	25 Pdr. Gun
45	90 mm Gun
46	3.7" Gun
51	4" Gun
52	105 mm Gun
53	105 mm Howitzer
54	4.2" Mortar
55	4.5" Gun
61	4.7" Gun
62	5" Gun
63	5.5" Gun
64	6" Gun
65	155 mm Gun
66	155 mm Howitzer
71	7.2" Gun
72	8" Gun
73	8" Howitzer
74	9.2" Gun
75	240 mm Howitzer
76	12" Gun
81	12" Mortar
82	14" Gun
83	16" Gun
90	Not elsewhere classified

## MAJOR GROUP 85—AERIAL BOMBS AND SPECIFICALLY ADAPTED COMPONENTS

85 0000	<b>AERIAL BOMBS AND SPECIFICALLY ADAPTED COMPONENTS</b>
85 1000	<b>BOMBS, ASSEMBLED</b>
85 1100	<i>Armor Piercing and Semi-armor Piercing</i>
85 1200	<i>Chemical</i>
85 1300	<i>Demolition</i>
85 1400	<i>Depth (Aerial)</i>
85 1500	<i>Fragmentation</i>
85 1600	<i>General Purpose</i>
85 1700	<i>Incendiary</i>
85 1800	<i>Practice</i>
85 1900	<i>Bombs, Assembled, Not Elsewhere Classified</i>
85 2000	<b>METAL PARTS ASSEMBLIES</b>
85 2100	<i>Armor Piercing and Semi-armor Piercing Bomb Assemblies</i>
85 2200	<i>Chemical Bomb Assemblies</i>
85 2300	<i>Demolition Bomb Assemblies</i>
85 2400	<i>Depth Bomb (Aerial) Assemblies</i>
85 2500	<i>Fragmentation Bomb Assemblies</i>
85 2600	<i>General Purpose Bomb Assemblies</i>
85 2700	<i>Incendiary Bomb Assemblies</i>
85 2800	<i>Practice Bomb Assemblies</i>
85 2900	<i>Metal Parts Assemblies, Not Elsewhere Classified</i>
85 3000	<b>BOMB BODIES, CASINGS, AND TUBES</b>
85 3100	<i>Armor Piercing and Semi-armor Piercing Bomb Bodies, Casings, and Tubes</i>
85 3200	<i>Chemical Bomb Bodies, Casings, and Tubes</i>
85 3300	<i>Demolition Bomb Bodies, Casings, and Tubes</i>
85 3400	<i>Depth Bomb (Aerial) Bodies, Casings, and Tubes</i>
85 3500	<i>Fragmentation Bomb Bodies, Casings, and Tubes</i>
85 3600	<i>General Purpose Bomb Bodies, Casings, and Tubes</i>
85 3700	<i>Incendiary Bomb Bodies, Casings, and Tubes</i>
85 3800	<i>Practice Bomb Bodies, Casings, and Tubes</i>
85 3900	<i>Bomb Bodies, Casings, and Tubes, Not Elsewhere Classified</i>
85 4000	<b>BOMB NOSES</b>
85 4100	<i>Armor Piercing and Semi-armor Piercing Bomb Noses</i>
85 4200	<i>Chemical Bomb Noses</i>
85 4300	<i>Demolition Bomb Noses</i>
85 4400	<i>Depth Bomb (Aerial) Noses</i>
85 4500	<i>Fragmentation Bomb Noses</i>
85 4600	<i>General Purpose Bomb Noses</i>
85 4700	<i>Incendiary Bomb Noses</i>
85 4800	<i>Practice Bomb Noses</i>
85 4900	<i>Bomb Noses, Not Elsewhere Classified</i>
85 5000	<b>CLUSTER ADAPTERS</b>
85 5200	<i>Chemical Bomb Cluster Adapters</i>
85 5300	<i>Fragmentation Bomb Cluster Adapters</i>
85 5700	<i>Incendiary Bomb Cluster Adapters</i>
85 5800	<i>Practice Bomb Cluster Adapters</i>
85 5900	<i>Cluster Adapters, Not Elsewhere Classified</i>
85 6000	<b>TRUNNION AND SUSPENSION BANDS AND LUGS</b>
85 6100	<i>Armor Piercing and Semi-armor Piercing Bomb Trunnion and Suspension Bands and Lugs</i>
85 6200	<i>Chemical Bomb Trunnion and Suspension Bands and Lugs</i>
85 6300	<i>Demolition Bomb Trunnion and Suspension Bands and Lugs</i>
85 6400	<i>Depth Bomb (Aerial) Trunnion and Suspension Bands and Lugs</i>
85 6500	<i>Fragmentation Bomb Trunnion and Suspension Bands and Lugs</i>
85 6600	<i>General Purpose Bomb Trunnion and Suspension Bands and Lugs</i>

# AERIAL BOMBS AND SPECIFICALLY ADAPTED COMPONENTS--

Continued

## TRUNNION AND SUSPENSION BANDS AND LUGS--Continued

85 6700	<i>Incendiary Bomb Trunnion and Suspension Bands and Lugs</i>
85 6800	<i>Practice Bomb Trunnion and Suspension Bands and Lugs</i>
85 6900	<i>Trunnion and Suspension Bands and Lugs, Not Elsewhere Classified</i>
85 7000	ARMING WIRE ASSEMBLY
85 9000	AERIAL BOMBS AND SPECIFICALLY ADAPTED COMPONENTS, NOT ELSE-

WHERE CLASSIFIED

### Classification By Size \*

01	2.7 Lb.
02	4 Lb.
03	6 Lb.
04	20 Lb.
05	23 Lb.
11	30 Lb.
12	40 Lb.
13	100 Lb.
14	115 Lb.
15	250 Lb.
21	300 Lb.
22	500 Lb.
23	600 Lb.
24	800 Lb.
25	900 Lb.
31	1,000 Lb.
32	1,100 Lb.
33	1,400 Lb.
34	1,600 Lb.
35	1,900 Lb.
41	2,000 Lb.
42	4,000 Lb.
99	Not elsewhere classified

\*Classification by size should be used for all items in Major Group 85 when applicable. Fifth and sixth digits should be used for this Code.



## MAJOR GROUP 86—MISCELLANEOUS AMMUNITION AND RELATED PRODUCTS

- 86 0000 MISCELLANEOUS AMMUNITION AND RELATED PRODUCTS
- 86 1000 TORPEDOES AND SPECIFICALLY ADAPTED COMPONENTS
- 86 1100 *Torpedoes, Assembled*
- 86 1110 Aerial torpedoes
- 86 1120 Marine torpedoes
- 86 1190 Torpedoes, assembled, not elsewhere classified
- 86 1200 *Metal Parts Assemblies*
- 86 1210 Aerial torpedo assemblies
- 86 1220 Marine torpedo assemblies
- 86 1290 Metal parts assemblies, not elsewhere classified
- 86 1900 *Torpedoes and Specifically Adapted Components, Not Elsewhere Classified*
- 86 2000 DEPTH CHARGES AND SPECIFICALLY ADAPTED COMPONENTS
- 86 2100 *Depth Charges, Assembled*
- 86 2110 Aerial depth charges
- 86 2120 Marine depth charges
- 86 2190 Depth charges, assembled, not elsewhere classified
- 86 2200 *Metal Parts Assemblies*
- 86 2210 Aerial depth charge assemblies
- 86 2220 Marine depth charge assemblies
- 86 2290 Metal parts assemblies, not elsewhere classified
- 86 2900 *Depth Charges and Specifically Adapted Components, Not Elsewhere Classified*
- 86 3000 MINES AND SPECIFICALLY ADAPTED COMPONENTS
- 86 3100 *Mines, Assembled*
- 86 3110 Marine mines
- 86 3120 Land mines
- 86 3190 Mines, assembled, not elsewhere classified
- 86 3200 *Metal Parts Assemblies*
- 86 3210 Marine mine assemblies
- 86 3220 Land mine assemblies
- 86 3290 Metal parts assemblies, not elsewhere classified
- 86 3900 *Mines and Specifically Adapted Components, Not Elsewhere Classified*
- 86 4000 PYROTECHNIC AMMUNITION AND SPECIFICALLY ADAPTED COMPONENTS
- 86 4100 *Flares*
- 86 4110 Flares, assembled
- 86 4111 Aircraft
- 86 4112 Ground
- 86 4113 Marine
- 86 4119 Flares, assembled, not elsewhere classified
- 86 4120 Flare components, not elsewhere classified
- 86 4200 *Signals*
- 86 4210 Signals, assembled
- 86 4211 Aircraft
- 86 4212 Ground
- 86 4213 Marine
- 86 4219 Signals, assembled, not elsewhere classified
- 86 4220 Signal components, not elsewhere classified
- 86 4300 *Photoflash Bombs*
- 86 4310 Photoflash bombs, assembled
- 86 4320 Photoflash bomb components, not elsewhere classified
- 86 4400 *Pyrotechnic Rockets*
- 86 4410 Pyrotechnic rockets, assembled
- 86 4420 Pyrotechnic rocket components, not elsewhere classified
- 86 4900 *Pyrotechnic Ammunition and Specifically Adapted Components, Not Elsewhere Classified*

# MISCELLANEOUS AMMUNITION AND RELATED PRODUCTS—Con.

86 5000	GRENADERS AND SPECIFICALLY ADAPTED COMPONENTS
86 5100	<i>Hand Grenades</i>
86 5110	Hand grenades, assembled
86 5111	Anti-tank
86 5112	Demolition
86 5113	Fragmentation
86 5114	Incendiary
86 5119	Hand grenades, assembled, not elsewhere classified
86 5120	Metal parts assemblies
86 5121	Anti-tank assemblies
86 5122	Demolition assemblies
86 5123	Fragmentation assemblies
86 5124	Incendiary assemblies
86 5129	Metal parts assemblies, not elsewhere classified
86 5130	Hand grenade components, except metal parts assemblies
86 5200	<i>Rifle Grenades (Anti-tank)</i>
86 5210	Rifle grenades, assembled
86 5220	Metal parts assemblies
86 5230	Rifle grenade components, except metal parts assemblies
86 5900	<i>Grenades and Specifically Adapted Components, Not Elsewhere Classified</i>
86 9000	MISCELLANEOUS AMMUNITION AND RELATED PRODUCTS, NOT ELSEWHERE CLASSIFIED

## MAJOR GROUP 87—COMMON COMPONENTS OF AMMUNITION

87 0000	COMMON COMPONENTS OF AMMUNITION
87 1000	BOOSTERS AND BURSTERS
87 1200	<i>Artillery, Naval, and Mortar Ammunition</i>
87 1300	<i>Aerial Bomb Boosters and Bursters</i>
87 1400	<i>Torpedo Boosters and Bursters</i>
87 1500	<i>Depth Charge Boosters and Bursters</i>
87 1600	<i>Mine Boosters and Bursters</i>
87 1700	<i>Pyrotechnic Ammunition</i>
87 1800	<i>Grenade Boosters and Bursters</i>
87 1900	<i>Boosters and Bursters, Not Elsewhere Classified</i>
87 2000	FIN ASSEMBLIES
87 2200	<i>Artillery, Naval, and Mortar Ammunition</i>
87 2300	<i>Aerial Bomb Assemblies</i>
87 2400	<i>Torpedo Assemblies</i>
87 2700	<i>Pyrotechnic Ammunition</i>
87 2800	<i>Grenade Assemblies</i>
87 2900	<i>Fin Assemblies, Not Elsewhere Classified</i>
87 3000	FUZES
87 3200	<i>Artillery, Naval, and Mortar Ammunition</i>
87 3300	<i>Aerial Bomb Fuzes</i>
87 3400	<i>Torpedo Fuzes</i>
87 3500	<i>Depth Charge Fuzes</i>
87 3600	<i>Mine Fuzes</i>
87 3700	<i>Pyrotechnic Ammunition</i>
87 3800	<i>Grenade Fuzes</i>
87 3900	<i>Fuzes, Not Elsewhere Classified</i>
87 4000	PRIMERS, DETONATORS, TRACERS, AND IGNITERS
87 4100	<i>Small Arms Ammunition</i>
87 4200	<i>Artillery, Naval, and Mortar Ammunition</i>
87 4300	<i>Aerial Bomb Primers, Detonators, Tracers, and Igniters</i>
87 4400	<i>Torpedo Primers, Detonators, Tracers, and Igniters</i>
87 4500	<i>Depth Charge Primers, Detonators, Tracers, and Igniters</i>
87 4600	<i>Mine Primers, Detonators, Tracers, and Igniters</i>
87 4700	<i>Pyrotechnic Ammunition</i>
87 4800	<i>Grenade Primers, Detonators, Tracers, and Igniters</i>
87 4900	<i>Primers, Detonators, Tracers, and Igniters, Not Elsewhere Classified</i>
87 9000	COMMON COMPONENTS OF AMMUNITION, NOT ELSEWHERE CLASSIFIED





## MAJOR GROUP 88—FIRE CONTROL EQUIPMENT

88 0000	<i>FIRE CONTROL EQUIPMENT</i>
88 1000	REMOTE CONTROL SYSTEMS
88 1100	<i>37 mm and 40 mm Remote Control Systems</i>
88 1200	<i>3", 90 mm, and 4.7" Remote Control Systems</i>
88 1900	<i>Remote Control Systems, Not Elsewhere Classified</i>
88 2000	DIRECTORS, OPTICAL
88 2100	<i>37 mm and 40 mm Anti-aircraft Gun Directors</i>
88 2200	<i>3", 90 mm, and 4.7" Anti-aircraft Gun Directors</i>
88 2300	<i>Naval Gun Directors (Broadside)</i>
88 2400	<i>Torpedo Directors</i>
88 2900	<i>Directors, Not Elsewhere Classified</i>
88 3000	HEIGHT FINDERS, OPTICAL
88 4000	SIGHTS
88 4100	<i>Bomb Sights</i>
88 4200	<i>Gun and Mortar Sights</i>
88 4900	<i>Sights, Not Elsewhere Classified</i>
88 9000	MISCELLANEOUS FIRE CONTROL EQUIPMENT
88 9100	<i>Fuze Setters</i>
88 9300	<i>Aiming Circles</i>
88 9400	<i>Range Finders</i>
88 9500	<i>Gyro-Stabilizers</i>
88 9600	<i>Roll Correctors</i>
88 9700	<i>Flank Spotting Instruments</i>
88 9800	<i>Ranging Sets, Flash and Sound</i>
88 9900	<i>Fire Control Equipment, Not Elsewhere Classified</i>

# MAJOR GROUP 2—FIRE CONTROL EQUIPMENT

24 0000	FIRE CONTROL EQUIPMENT
24 1000	Fire Control Equipment
24 1100	Fire Control Equipment
24 1200	Fire Control Equipment
24 1300	Fire Control Equipment
24 1400	Fire Control Equipment
24 1500	Fire Control Equipment
24 1600	Fire Control Equipment
24 1700	Fire Control Equipment
24 1800	Fire Control Equipment
24 1900	Fire Control Equipment
24 2000	Fire Control Equipment
24 2100	Fire Control Equipment
24 2200	Fire Control Equipment
24 2300	Fire Control Equipment
24 2400	Fire Control Equipment
24 2500	Fire Control Equipment
24 2600	Fire Control Equipment
24 2700	Fire Control Equipment
24 2800	Fire Control Equipment
24 2900	Fire Control Equipment
24 3000	Fire Control Equipment
24 3100	Fire Control Equipment
24 3200	Fire Control Equipment
24 3300	Fire Control Equipment
24 3400	Fire Control Equipment
24 3500	Fire Control Equipment
24 3600	Fire Control Equipment
24 3700	Fire Control Equipment
24 3800	Fire Control Equipment
24 3900	Fire Control Equipment
24 4000	Fire Control Equipment
24 4100	Fire Control Equipment
24 4200	Fire Control Equipment
24 4300	Fire Control Equipment
24 4400	Fire Control Equipment
24 4500	Fire Control Equipment
24 4600	Fire Control Equipment
24 4700	Fire Control Equipment
24 4800	Fire Control Equipment
24 4900	Fire Control Equipment
24 5000	Fire Control Equipment



## MAJOR GROUP 89—MISCELLANEOUS ORDNANCE AND ORDNANCE MATÉRIEL

89 0000	MISCELLANEOUS ORDNANCE AND ORDNANCE MATÉRIEL
89 1000	MISCELLANEOUS WEAPONS
89 1100	<i>Catapult Guns</i>
89 1200	<i>Anti-submarine Projectors</i>
89 1300	<i>Torpedo Tubes</i>
89 1400	<i>Nets and Booms</i>
89 1500	<i>Livens Projectors</i>
89 1600	<i>Flame Throwers</i>
89 1900	<i>Weapons, Not Elsewhere Classified</i>
89 2000	AMMUNITION BOXES AND CHESTS
89 2100	<i>Metal</i>
89 2200	<i>Wooden</i>
89 2900	<i>Ammunition Boxes and Chests, Not Elsewhere Classified</i>
89 9000	ORDNANCE AND ORDNANCE MATÉRIEL, NOT ELSEWHERE CLASSIFIED

PART 4—SUPPLEMENTARY NOTES

Major group 89—

# MAJOR GROUP 80—MISCELLANEOUS ORDNANCE AND ORDNANCE MATERIAL

80 0000	MISCELLANEOUS ORDNANCE AND ORDNANCE MATERIAL
80 1000	Handwritten Weapons
80 1100	Handwritten Weapons
80 1200	Handwritten Weapons
80 1300	Handwritten Weapons
80 1400	Handwritten Weapons
80 1500	Handwritten Weapons
80 1600	Handwritten Weapons
80 1700	Handwritten Weapons
80 1800	Handwritten Weapons
80 1900	Handwritten Weapons
80 2000	Handwritten Weapons
80 2100	Handwritten Weapons
80 2200	Handwritten Weapons
80 2300	Handwritten Weapons
80 2400	Handwritten Weapons
80 2500	Handwritten Weapons
80 2600	Handwritten Weapons
80 2700	Handwritten Weapons
80 2800	Handwritten Weapons
80 2900	Handwritten Weapons
80 3000	Handwritten Weapons

## **PART 4—SUPPLEMENTARY ITEMS**

(Major groups 91-99)



PART 4—SUPPLEMENTARY ITEMS

(Major Groups 91-99)

## MAJOR GROUPS 91-99

Major groups 91-99 will remain unused in the *Standard Classified List of Commodities*. This will enable agencies to use these groups to meet special needs without in any way disturbing the classification structure.

SECTION 100-100-100

Section 100-100-100 is a section of the Code of Ordinances of the City of Chicago, Illinois, which relates to the regulation of the use of the streets and alleys of the City of Chicago, Illinois. This section is a part of the Code of Ordinances of the City of Chicago, Illinois, which is a part of the Code of Ordinances of the City of Chicago, Illinois.



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