

potentially responsible parties to undertake response actions.

(e) Because state and local public safety organizations would normally be the first government representatives at the scene of a discharge or release, they are expected to initiate public safety measures that are necessary to protect the public health and welfare and that are consistent with containment and cleanup requirements in the NCP, and are responsible for directing evacuations pursuant to existing state or local procedures.

[59 FR 47473, Sept. 15, 1994, as amended at 80 FR 37121, June 29, 2015; 83 FR 5209, Feb. 6, 2018; 84 FR 56670, Oct. 22, 2019; 85 FR 22342, Apr. 21, 2020]

EFFECTIVE DATE NOTE: At 88 FR 38356, June 12, 2023, appendix E to part 300 was removed, effective Dec. 11, 2023.

PART 302—DESIGNATION, REPORTABLE QUANTITIES, AND NOTIFICATION

Sec.

302.1 Applicability.

302.2 [Reserved]

302.3 Definitions.

302.4 Hazardous substances and reportable quantities.

302.5 Determination of reportable quantities.

302.6 Notification requirements.

302.7 Penalties.

302.8 Continuous releases.

AUTHORITY: 33 U.S.C. 1251 *et. seq.*, 42 U.S.C. 9601 *et. seq.*, 42 U.S.C. 9602, 42 U.S.C. 9603.

SOURCE: 50 FR 13474, Apr. 4, 1985, unless otherwise noted.

§ 302.1 Applicability.

This regulation designates under section 102(a) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (“the Act”) those substances in the statutes referred to in section 101(14) of the Act, identifies reportable quantities for these substances, and sets forth the notification requirements for releases of these substances. This regulation also sets forth reportable quantities for hazardous substances designated under section 311(b)(2)(A) of the Clean Water Act.

§ 302.2 [Reserved]

§ 302.3 Definitions.

As used in this part, all terms shall have the meaning set forth below:

The Act, CERCLA, or Superfund means the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (Pub. L. 96-510);

Administrator means the Administrator of the United States Environmental Protection Agency (“EPA”);

Animal waste means feces, urine, or other excrement, digestive emission, urea, or similar substances emitted by animals (including any form of livestock, poultry, or fish). The term “animal waste” includes animal waste that is mixed or commingled with bedding, compost, feed, soil, or any other material typically found with such waste.

Consumer product shall have the meaning stated in 15 U.S.C. 2052;

Environment means (1) the navigable waters, the waters of the contiguous zone, and the ocean waters of which the natural resources are under the exclusive management authority of the United States under the Fishery Conservation and Management Act of 1976, and (2) any other surface water, ground water, drinking water supply, land surface or subsurface strata, or ambient air within the United States or under the jurisdiction of the United States;

Facility means (1) any building, structure, installation, equipment, pipe or pipeline (including any pipe into a sewer or publicly owned treatment works), well, pit, pond, lagoon, impoundment, ditch, landfill, storage container, motor vehicle, rolling stock, or aircraft, or (2) any site or area where a hazardous substance has been deposited, stored, disposed of, or placed, or otherwise come to be located; but does not include any consumer product in consumer use or any vessel;

Farm means a site or area (including associated structures) that—

(1) Is used for—

(i) The production of a crop; or

(ii) The raising or selling of animals (including any form of livestock, poultry, or fish); and

(2) Under normal conditions, produces during a farm year any agricultural products with a total value equal to not less than \$1,000.

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Hazardous substance means any substance designated pursuant to 40 CFR part 302;

Hazardous waste shall have the meaning provided in 40 CFR 261.3;

Navigable waters means the waters of the United States, including the territorial seas, as defined in §120.2 of this chapter.

Offshore facility means any facility of any kind located in, on, or under, any of the navigable waters of the United States, and any facility of any kind which is subject to the jurisdiction of the United States and is located in, on, or under any other waters, other than a vessel or a public vessel;

Onshore facility means any facility (including, but not limited to, motor vehicles and rolling stock) of any kind located in, on, or under, any land or non-navigable waters within the United States;

Person means an individual, firm, corporation, association, partnership, consortium, joint venture, commercial entity, United States Government, State, municipality, commission, political subdivision of a State, or any interstate body;

Release means any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment (including the abandonment or discarding of barrels, containers, and other closed receptacles containing any hazardous substance or pollutant or contaminant), but excludes:

(1) Any release which results in exposure to persons solely within a workplace, with respect to a claim which such persons may assert against the employer of such persons;

(2) Emissions from the engine exhaust of a motor vehicle, rolling stock, aircraft, vessel, or pipeline pumping station engine;

(3) Release of source, byproduct, or special nuclear material from a nuclear incident, as those terms are defined in the Atomic Energy Act of 1954, if such release is subject to requirements with respect to financial protection established by the Nuclear Regulatory Commission under section 170 of such Act, or for the purposes of section 104 of the Comprehensive Environmental Response, Compensation, and Liability

Act or any other response action, any release of source, byproduct, or special nuclear material from any processing site designated under section 102(a)(1) or 302(a) of the Uranium Mill Tailings Radiation Control Act of 1978; and

(4) The normal application of fertilizer;

Reportable quantity (“RQ”) means that quantity, as set forth in this part, the release of which requires notification pursuant to this part;

United States include the several States of the United States, the District of Columbia, the Commonwealth of Puerto Rico, Guam, American Samoa, the United States Virgin Islands, the Commonwealth of the Northern Marianas, and any other territory or possession over which the United States has jurisdiction; and

Vessel means every description of watercraft or other artificial contrivance used, or capable of being used, as a means of transportation on water.

[50 FR 13474, Apr. 4, 1985, as amended at 67 FR 45321, July 9, 2002; 73 FR 76959, Dec. 18, 2008; 80 FR 37123, June 29, 2015; 83 FR 5209, Feb. 6, 2018; 83 FR 37446, Aug. 1, 2018; 84 FR 56671, Oct. 22, 2019; 85 FR 22342, Apr. 21, 2020]

§ 302.4 Hazardous substances and reportable quantities.

(a) *Listed hazardous substances.* The elements and compounds and hazardous wastes appearing in table 302.4 are designated as hazardous substances under section 102(a) of the Act.

(b) *Unlisted hazardous substances.* A solid waste, as defined in 40 CFR 261.2, which is not excluded from regulation as a hazardous waste under 40 CFR 261.4(b), is a hazardous substance under section 101(14) of the Act if it exhibits any of the characteristics identified in 40 CFR 261.20 through 261.24.

NOTE I TO TABLE 302.4 The numbers under the column headed “CASRN” are the Chemical Abstracts Service Registry Numbers for each hazardous substance. CASRNs are unique numeric identifiers for specific substances. CASRNs are updated by the Chemical Abstract Service and are sometimes deleted or replaced. This list of CERCLA hazardous substances relies on information provided in the statutory lists that comprise the table. CASRNs are provided for convenience only to aid in the identification of the designated hazardous substance. Some

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CASRN's are given only for parent compounds. In some cases, a chemical name may have more than one CASRN associated with it due to the chemical's various forms; however, each CAS Registry Number is a unique numeric identifier and designates only one substance. That is, two substances, or two forms of a substance, do not have the same CAS Registry Number. If there is a discrepancy between the hazardous substance name and the listed CAS Registry Number, the hazardous substance names appearing in Table 302.4 should be used as the official means to determine if a given chemical or substance is reportable.

NOTE II TO TABLE 302.4 Hazardous substances are given a Statutory Code based on their statutory source. The "Statutory Code" column indicates the statutory source for designating each substance as a CERCLA hazardous substance. Statutory Code "1" in-

dicates a Clean Water Act (CWA) Hazardous Substance [40 CFR 116.4; 33 U.S.C. 1321(b)(2)(A)]. Statutory Code "2" indicates a CWA Toxic Pollutant [40 CFR 401.15, 40 CFR part 423 Appendix A, and/or 40 CFR 131.36; 33 U.S.C. 1317(a)]. Statutory Code "3" indicates a CAA HAP [42 U.S.C. 7412(b); Pub. L. 101-549 November 15, 1990; 70 FR 75047 December 19, 2005; 69 FR 69320 November 29, 2004; 61 FR 30816 June 18, 1996; 65 FR 47342 August 2, 2000; 87 FR 393 January 5, 2022]. Statutory Code "4" indicates Resource Conservation and Recovery Act (RCRA) Hazardous Wastes [40 CFR part 261 Subpart D—Lists of Hazardous Wastes; 42 U.S.C. 6921]. The "RCRA waste No." column provides the waste identification numbers assigned by RCRA regulations. The "Final RQ [pounds (kg)]" column provides the reportable quantity for each hazardous substance in pounds and kilograms.

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ⁱ | Statutory code ⁱⁱ | RCRA waste No. | Final RQ [pounds (kg)] |
|---|--------------------|------------------------------|----------------|------------------------|
| A2213 | 30558-43-1 | 4 | U394 | 5000 (2270) |
| Acenaphthene | 83-32-9 | 2 | ..... | 100 (45.4) |
| Acenaphthylene | 208-96-8 | 2 | ..... | 5000 (2270) |
| Acetaldehyde | 75-07-0 | 1,3,4 | U001 | 1000 (454) |
| Acetaldehyde, chloro- | 107-20-0 | 4 | P023 | 1000 (454) |
| Acetaldehyde, trichloro- | 75-87-6 | 4 | U034 | 5000 (2270) |
| Acetamide | 60-35-5 | 3 | ..... | 100 (45.4) |
| Acetamide, N-(aminothioxomethyl)- | 591-08-2 | 4 | P002 | 1000 (454) |
| Acetamide, N-(4-ethoxyphenyl)- | 62-44-2 | 4 | U187 | 100 (45.4) |
| Acetamide, N-9H-fluoren-2-yl- | 53-96-3 | 3,4 | U005 | 1 (0.454) |
| Acetamide, 2-fluoro- | 640-19-7 | 4 | P057 | 100 (45.4) |
| Acetic acid | 64-19-7 | 1 | ..... | 5000 (2270) |
| Acetic acid, (2,4-dichlorophenoxy)-, salts & esters | 94-75-7 | 1,3,4 | U240 | 100 (45.4) |
| Acetic acid, ethyl ester | 141-78-6 | 4 | U112 | 5000 (2270) |
| Acetic acid, fluoro-, sodium salt | 62-74-8 | 4 | P058 | 10 (4.54) |
| Acetic acid, lead(2+) salt | 301-04-2 | 1,4 | U144 | 10 (4.54) |
| Acetic acid, thallium(1+) salt | 563-68-8 | 4 | U214 | 100 (45.4) |
| Acetic acid, (2,4,5-trichlorophenoxy)- | 93-76-5 | 1,4 | See F027 | 1000 (454) |
| Acetic anhydride | 108-24-7 | 1 | ..... | 5000 (2270) |
| Acetone | 67-64-1 | 4 | U002 | 5000 (2270) |
| Acetone cyanohydrin | 75-86-5 | 1,4 | P069 | 10 (4.54) |
| Acetonitrile | 75-05-8 | 3,4 | U003 | 5000 (2270) |
| Acetophenone | 98-86-2 | 3,4 | U004 | 5000 (2270) |
| 2-Acetylaminofluorene | 53-96-3 | 3,4 | U005 | 1 (0.454) |
| Acetyl bromide | 506-96-7 | 1 | ..... | 5000 (2270) |
| Acetyl chloride | 75-36-5 | 1,4 | U006 | 5000 (2270) |
| 1-Acetyl-2-thiourea | 591-08-2 | 4 | P002 | 1000 (454) |
| Acrolein | 107-02-8 | 1,2,3,4 | P003 | 1 (0.454) |
| Acrylamide | 79-06-1 | 3,4 | U007 | 5000 (2270) |
| Acrylic acid | 79-10-7 | 3,4 | U008 | 5000 (2270) |
| Acrylonitrile | 107-13-1 | 1,2,3,4 | U009 | 100 (45.4) |
| Adipic acid | 124-04-9 | 1 | ..... | 5000 (2270) |
| Aldicarb | 116-06-3 | 4 | P070 | 1 (0.454) |
| Aldicarb sulfone | 1646-88-4 | 4 | P203 | 100 (45.4) |
| Aldrin | 309-00-2 | 1,2,4 | P004 | 1 (0.454) |
| Allyl alcohol | 107-18-6 | 1,4 | P005 | 100 (45.4) |
| Allyl chloride | 107-05-1 | 1,3 | ..... | 1000 (454) |
| Aluminum phosphide | 20859-73-8 | 4 | P006 | 100 (45.4) |
| Aluminum sulfate | 10043-01-3 | 1 | ..... | 5000 (2270) |
| 4-Aminobiphenyl | 92-67-1 | 3 | ..... | 1 (0.454) |
| 5-(Aminomethyl)-3-isoxazolol | 2763-96-4 | 4 | P007 | 1000 (454) |
| 4-Aminopyridine | 504-24-5 | 4 | P008 | 1000 (454) |
| Amitrole | 61-82-5 | 4 | U011 | 10 (4.54) |
| Ammonia | 7664-41-7 | 1 | | 100 (45.4) |
| Ammonium acetate | 631-61-8 | 1 | | 5000 (2270) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ¹ | Statutory code ² | RCRA waste No. | Final RQ [pounds (kg)] |
|--|--------------------|-----------------------------|----------------|------------------------|
| Ammonium benzoate | 1863-63-4 | 1 | | 5000 (2270) |
| Ammonium bicarbonate | 1066-33-7 | 1 | | 5000 (2270) |
| Ammonium bichromate | 7789-09-5 | 1 | | 10 (4.54) |
| Ammonium bifluoride | 1341-49-7 | 1 | | 100 (45.4) |
| Ammonium bisulfite | 10192-30-0 | 1 | | 5000 (2270) |
| Ammonium carbamate | 1111-78-0 | 1 | | 5000 (2270) |
| Ammonium carbonate | 506-87-6 | 1 | | 5000 (2270) |
| Ammonium chloride | 12125-02-9 | 1 | | 5000 (2270) |
| Ammonium chromate | 7788-98-9 | 1 | | 10 (4.54) |
| Ammonium citrate, dibasic | 3012-65-5 | 1 | | 5000 (2270) |
| Ammonium fluoborate | 13826-83-0 | 1 | | 5000 (2270) |
| Ammonium fluoride | 12125-01-8 | 1 | | 100 (45.4) |
| Ammonium hydroxide | 1336-21-6 | 1 | | 1000 (454) |
| Ammonium oxalate | 6009-70-7 | 1 | | 5000 (2270) |
| | 5972-73-6 | | | |
| | 14256-49-2 | | | |
| Ammonium picrate | 131-74-8 | 4 | P009 | 10 (4.54) |
| Ammonium silicofluoride | 16919-19-0 | 1 | | 1000 (454) |
| Ammonium sulfamate | 7773-06-0 | 1 | | 5000 (2270) |
| Ammonium sulfide | 12135-76-1 | 1 | | 100 (45.4) |
| Ammonium sulfite | 10196-04-0 | 1 | | 5000 (2270) |
| Ammonium tartrate | 14307-43-8 | 1 | | 5000 (2270) |
| | 3164-29-2 | | | |
| Ammonium thiocyanate | 1762-95-4 | 1 | | 5000 (2270) |
| Ammonium vanadate | 7803-55-6 | 4 | P119 | 1000 (454) |
| Amyl acetate | 628-63-7 | 1 | | 5000 (2270) |
| iso-Amyl acetate | 123-92-2 | 1 | | 5000 (2270) |
| sec-Amyl acetate | 626-38-0 | 1 | | 5000 (2270) |
| tert-Amyl acetate | 625-16-1 | 1 | | 5000 (2270) |
| Aniline | 62-53-3 | 1,3,4 | U012 | 5000 (2270) |
| o-Anisidine | 90-04-0 | 3 | | 100 (45.4) |
| Anthracene | 120-12-7 | 2 | | 5000 (2270) |
| ANTIMONY AND COMPOUNDS | N.A. | 2,3 | | ** |
| Antimony Compounds | N.A. | 2,3 | | ** |
| Antimony ^{III} | 7440-36-0 | 2 | | 5000 (2270) |
| Antimony pentachloride | 7647-18-9 | 1 | | 1000 (454) |
| Antimony potassium tartrate | 28300-74-5 | 1 | | 100 (45.4) |
| Antimony tribromide | 7789-61-9 | 1 | | 1000 (454) |
| Antimony trichloride | 10025-91-9 | 1 | | 1000 (454) |
| Antimony trifluoride | 7783-56-4 | 1 | | 1000 (454) |
| Antimony trioxide | 1309-64-4 | 1 | | 1000 (454) |
| Argentate(1-), bis(cyano-C)-, potassium | 506-61-6 | 4 | P099 | 1 (0.454) |
| Aroclors | 1336-36-3 | 1,2,3 | | 1 (0.454) |
| Aroclor 1016 | 12674-11-2 | 1,2,3 | | 1 (0.454) |
| Aroclor 1221 | 11104-28-2 | 1,2,3 | | 1 (0.454) |
| Aroclor 1232 | 11141-16-5 | 1,2,3 | | 1 (0.454) |
| Aroclor 1242 | 53469-21-9 | 1,2,3 | | 1 (0.454) |
| Aroclor 1248 | 12672-29-6 | 1,2,3 | | 1 (0.454) |
| Aroclor 1254 | 11097-69-1 | 1,2,3 | | 1 (0.454) |
| Aroclor 1260 | 11096-82-5 | 1,2,3 | | 1 (0.454) |
| ARSENIC AND COMPOUNDS | N.A. | 2,3 | | ** |
| Arsenic Compounds (inorganic including arsine) | N.A. | 2,3 | | ** |
| Arsenic ^{III} | 7440-38-2 | 2,3 | | 1 (0.454) |
| Arsenic acid H3AsO4 | 7778-39-4 | 4 | P010 | 1 (0.454) |
| Arsenic disulfide | 12044-79-0 | 1 | | 1 (0.454) |
| Arsenic oxide As2O3 | 1327-53-3 | 1,4 | P012 | 1 (0.454) |
| Arsenic oxide As2O5 | 1303-28-2 | 1,4 | P011 | 1 (0.454) |
| Arsenic pentoxide | 1303-28-2 | 1,4 | P011 | 1 (0.454) |
| Arsenic trichloride | 7784-34-1 | 1 | | 1 (0.454) |
| Arsenic trioxide | 1327-53-3 | 1,4 | P012 | 1 (0.454) |
| Arsenic trisulfide | 1303-33-9 | 1 | | 1 (0.454) |
| Arsine, diethyl- | 692-42-2 | 4 | P038 | 1 (0.454) |
| Arsinic acid, dimethyl- | 75-60-5 | 4 | U136 | 1 (0.454) |
| Arsonous dichloride, phenyl- | 696-28-6 | 4 | P036 | 1 (0.454) |
| Asbestos ^{IV} | 1332-21-4 | 2,3 | | 1 (0.454) |
| Auramine | 492-80-8 | 4 | U014 | 100 (45.4) |
| Azaserine | 115-02-6 | 4 | U015 | 1 (0.454) |
| Aziridine | 151-56-4 | 3,4 | P054 | 1 (0.454) |
| Aziridine, 2-methyl- | 75-55-8 | 3,4 | P067 | 1 (0.454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ¹ | Statutory code ¹¹ | RCRA waste No. | Final RQ [pounds (kg)] |
|---|--------------------|------------------------------|----------------|------------------------|
| Azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione, 6-amino-8-[[[(aminocarbonyl)oxy]methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-, [1aS- (1alpha,8beta,8aalp, 8balp)]]- | 50-07-7 | 4 | U010 | 10 (4.54) |
| Barban | 101-27-9 | 4 | U280 | 10 (4.54) |
| Barium cyanide | 542-62-1 | 1,4 | P013 | 10 (4.54) |
| Bendiocarb | 22781-23-3 | 4 | U278 | 100 (45.4) |
| Bendiocarb phenol | 22961-82-6 | 4 | U364 | 1000 (454) |
| Benomyl | 17804-35-2 | 4 | U271 | 10 (4.54) |
| Benz[<i>j</i>]aceanthrylene, 1,2-dihydro-3-methyl- | 56-49-5 | 4 | U157 | 10 (4.54) |
| Benz[<i>c</i>]acridine | 225-51-4 | 4 | U016 | 100 (45.4) |
| Benzal chloride | 98-87-3 | 4 | U017 | 5000 (2270) |
| Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)- | 23950-58-5 | 4 | U192 | 5000 (2270) |
| Benz[<i>a</i>]anthracene | 56-55-3 | 2,4 | U018 | 10 (4.54) |
| 1,2-Benzanthracene | 56-55-3 | 2,4 | U018 | 10 (4.54) |
| Benz[<i>a</i>]anthracene, 7,12-dimethyl- | 57-97-6 | 4 | U094 | 1 (0.454) |
| Benzenamine | 62-53-3 | 1,3,4 | U012 | 5000 (2270) |
| Benzenamine, 4,4'-carbonimidoylbis (N,N dimethyl- .. | 492-80-8 | 4 | U014 | 100 (45.4) |
| Benzenamine, 4-chloro- | 106-47-8 | 4 | P024 | 1000 (454) |
| Benzenamine, 4-chloro-2-methyl-, hydrochloride | 3165-93-3 | 4 | U049 | 100 (45.4) |
| Benzenamine, N,N-dimethyl-4-(phenylazo)- | 60-11-7 | 3,4 | U093 | 10 (4.54) |
| Benzenamine, 2-methyl- | 95-53-4 | 3,4 | U328 | 100 (45.4) |
| Benzenamine, 4-methyl- | 106-49-0 | 4 | U353 | 100 (45.4) |
| Benzenamine, 4,4'-methylenebis [2-chloro- | 101-14-4 | 3,4 | U158 | 10 (4.54) |
| Benzenamine, 2-methyl-,hydrochloride | 636-21-5 | 4 | U222 | 100 (45.4) |
| Benzenamine, 2-methyl-5-nitro- | 99-55-8 | 4 | U181 | 100 (45.4) |
| Benzenamine, 4-nitro- | 100-01-6 | 4 | P077 | 5000 (2270) |
| Benzene ^a | 71-43-2 | 1,2,3,4 | U019 | 10 (4.54) |
| Benzeneacetic acid, 4-chloro- α -(4-chlorophenyl)- α -hydroxy-, ethyl ester. | 510-15-6 | 3,4 | U038 | 10 (4.54) |
| Benzene, 1-bromo-4-phenoxy- | 101-55-3 | 2,4 | U030 | 100 (45.4) |
| Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- | 305-03-3 | 4 | U035 | 10 (4.54) |
| Benzene, chloro- | 108-90-7 | 1,2,3,4 | U037 | 100 (45.4) |
| Benzene, (chloromethyl)- | 100-44-7 | 1,3,4 | P028 | 100 (45.4) |
| Benzenediamine, ar-methyl- | 95-80-7 | 3,4 | U221 | 10 (4.54) |
| ..... | 496-72-0 | | | |
| ..... | 823-40-5 | | | |
| ..... | 25376-45-8 | | | |
| 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester | 117-81-7 | 2,3,4 | U028 | 100 (45.4) |
| 1,2-Benzenedicarboxylic acid, dibutyl ester | 84-74-2 | 1,2,3,4 | U069 | 10 (4.54) |
| 1,2-Benzenedicarboxylic acid, diethyl ester | 84-66-2 | 2,4 | U088 | 1000 (454) |
| 1,2-Benzenedicarboxylic acid, dimethyl ester | 131-11-3 | 2,3,4 | U102 | 5000 (2270) |
| 1,2-Benzenedicarboxylic acid, dioctyl ester | 117-84-0 | 2,4 | U107 | 5000 (2270) |
| Benzene, 1,2-dichloro- | 95-50-1 | 1,2,4 | U070 | 100 (45.4) |
| Benzene, 1,3-dichloro- | 541-73-1 | 2,4 | U071 | 100 (45.4) |
| Benzene, 1,4-dichloro- | 106-46-7 | 1,2,3,4 | U072 | 100 (45.4) |
| Benzene, 1,1'-(2,2-dichloroethylidene) bis[4-chloro- .. | 72-54-8 | 1,2,4 | U060 | 1 (0.454) |
| Benzene, (dichloromethyl)- | 98-87-3 | 4 | U017 | 5000 (2270) |
| Benzene, 1,3-diisocyanatomethyl- | 91-08-7 | 3,4 | U223 | 100 (45.4) |
| ..... | 584-84-9 | | | |
| ..... | 26471-62-5 | | | |
| Benzene, dimethyl- | 1330-20-7 | 1,3,4 | U239 | 100 (45.4) |
| 1,3-Benzenediol | 108-46-3 | 1,4 | U201 | 5000 (2270) |
| 1,2-Benzenediol,4-[1-hydroxy-2-(methyl amino)ethyl]- | 51-43-4 | 4 | P042 | 1000 (454) |
| Benzenethanamine, alpha,alpha-dimethyl- | 122-09-8 | 4 | P046 | 5000 (2270) |
| Benzene, hexachloro- | 118-74-1 | 2,3,4 | U127 | 10 (4.54) |
| Benzene, hexahydro- | 110-82-7 | 1,4 | U056 | 1000 (454) |
| Benzene, methyl- | 108-88-3 | 1,2,3,4 | U220 | 1000 (454) |
| Benzene, 1-methyl-2,4-dinitro- | 121-14-2 | 1,2,3,4 | U105 | 10 (4.54) |
| Benzene, 2-methyl-1,3-dinitro- | 606-20-2 | 1,2,4 | U106 | 100 (45.4) |
| Benzene, (1-methylethyl)- | 98-82-8 | 3,4 | U055 | 5000 (2270) |
| Benzene, nitro- | 98-95-3 | 1,2,3,4 | U169 | 1000 (454) |
| Benzene, pentachloro- | 608-93-5 | 4 | U183 | 10 (4.54) |
| Benzene, pentachloronitro- | 82-68-8 | 3,4 | U185 | 100 (45.4) |
| Benzenesulfonic acid chloride | 98-09-9 | 4 | U020 | 100 (45.4) |
| Benzenesulfonyl chloride | 98-09-9 | 4 | U020 | 100 (45.4) |
| Benzene, 1,2,4,5-tetrachloro- | 95-94-3 | 4 | U207 | 5000 (2270) |
| Benzenethiol | 108-98-5 | 4 | P014 | 100 (45.4) |
| Benzene, 1,1'-(2,2,2-trichloroethylidene) bis[4-chloro- .. | 50-29-3 | 1,2,4 | U061 | 1 (0.454) |
| Benzene, 1,1'-(2,2,2-trichloroethylidene) bis[4-methoxy- .. | 72-43-5 | 1,3,4 | U247 | 1 (0.454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ¹ | Statutory code ² | RCRA waste No. | Final RQ [pounds (kg)] |
|---|--------------------|-----------------------------|----------------|------------------------|
| Benzene, (trichloromethyl)- | 98-07-7 | 3,4 | U023 | 10 (4.54) |
| Benzene, 1,3,5-trinitro- | 99-35-4 | 4 | U234 | 10 (4.54) |
| Benzidine | 92-87-5 | 2,3,4 | U021 | 1 (0.454) |
| Benzo[a]anthracene | 56-55-3 | 2,4 | U018 | 10 (4.54) |
| 1,3-Benzodioxole, 5-(1-propenyl)-1 | 120-58-1 | 4 | U141 | 100 (45.4) |
| 1,3-Benzodioxole, 5-(2-propenyl)- | 94-59-7 | 4 | U203 | 100 (45.4) |
| 1,3-Benzodioxole, 5-propyl- | 94-58-6 | 4 | U090 | 10 (4.54) |
| 1,3-Benzodioxol-4-ol, 2,2-dimethyl- | 22961-82-6 | 4 | U364 | 1000 (454) |
| 1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate. | 22781-23-3 | 4 | U278 | 100 (45.4) |
| Benzo[b]fluoranthene | 205-99-2 | 2 | | 1 (0.454) |
| Benzo[k]fluoranthene | 207-08-9 | 2 | | 5000 (2270) |
| 7-Benzofuranol, 2,3-dihydro-2,2-dimethyl- | 1563-38-8 | 4 | U367 | 10 (4.54) |
| 7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate. | 1563-66-2 | 1,4 | P127 | 10 (4.54) |
| Benzoic acid | 65-85-0 | 1 | | 5000 (2270) |
| Benzoic acid, 2-hydroxy-, compd. with (3aS-cis)-1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-yl methylcarbamate ester (1:1). | 57-64-7 | 4 | P188 | 100 (45.4) |
| Benzonitrile | 100-47-0 | 1 | | 5000 (2270) |
| Benzo[rs]pentaphene | 189-55-9 | 4 | U064 | 10 (4.54) |
| Benzo[ghi]perylene | 191-24-2 | 2 | | 5000 (2270) |
| 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts. | 81-81-2 | 4 | P001 U248 | 100 (45.4) |
| Benzo[a]pyrene | 50-32-8 | 2,4 | U022 | 1 (0.454) |
| 3,4-Benzopyrene | 50-32-8 | 2,4 | U022 | 1 (0.454) |
| p-Benzoquinone | 106-51-4 | 3,4 | U197 | 10 (4.54) |
| Benzotrichloride | 98-07-7 | 3,4 | U023 | 10 (4.54) |
| Benzoyl chloride | 98-88-4 | 1 | | 1000 (454) |
| Benzyl chloride | 100-44-7 | 1,3,4 | P028 | 100 (45.4) |
| BERYLLIUM AND COMPOUNDS | N.A. | 2,3 | | ** |
| Beryllium ^{III} | 7440-41-7 | 2,3,4 | P015 | 10 (4.54) |
| Beryllium chloride | 7787-47-5 | 1 | | 1 (0.454) |
| Beryllium compounds | N.A. | 2,3 | | ** |
| Beryllium fluoride | 7787-49-7 | 1 | | 1 (0.454) |
| Beryllium nitrate | 13597-99-4 | 1 | | 1 (0.454) |
| Beryllium powder ^{III} | 7440-41-7 | 2,3,4 | P015 | 10 (4.54) |
| alpha-BHC | 319-84-6 | 2 | | 10 (4.54) |
| beta-BHC | 319-85-7 | 2 | | 1 (0.454) |
| delta-BHC | 319-86-8 | 2 | | 1 (0.454) |
| gamma-BHC | 58-89-9 | 1,2,3,4 | U129 | 1 (0.454) |
| 2,2'-Bioxirane | 1464-53-5 | 4 | U085 | 10 (4.54) |
| Biphenyl | 92-52-4 | 3 | | 100 (45.4) |
| [1,1'-Biphenyl]-4,4'-diamine | 92-87-5 | 2,3,4 | U021 | 1 (0.454) |
| [1,1'-Biphenyl]-4,4'-diamine,3,3'-dichloro- | 91-94-1 | 2,3,4 | U073 | 1 (0.454) |
| [1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethoxy- | 119-90-4 | 3,4 | U091 | 100 (45.4) |
| [1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethyl- | 119-93-7 | 3,4 | U095 | 10 (4.54) |
| Bis(2-chloroethoxy) methane | 111-91-1 | 2,4 | U024 | 1000 (454) |
| Bis(2-chloroethyl) ether | 111-44-4 | 2,3,4 | U025 | 10 (4.54) |
| Bis(chloromethyl) ether | 542-88-1 | 3,4 | P016 | 10 (4.54) |
| Bis(2-ethylhexyl) phthalate | 117-81-7 | 3,4 | U028 | 100 (45.4) |
| Bromoacetone | 598-31-2 | 4 | P017 | 1000 (454) |
| 1-Bromopropane (1-BP) | 106-94-5 | 3 | | 1 (0.454) |
| Bromoform | 75-25-2 | 2,3,4 | U225 | 100 (45.4) |
| Bromomethane | 74-83-9 | 2,3,4 | U029 | 1000 (454) |
| 4-Bromophenyl phenyl ether | 101-55-3 | 2,4 | U030 | 100 (45.4) |
| Brucine | 357-57-3 | 4 | P018 | 100 (45.4) |
| 1,3-Butadiene | 106-99-0 | 3 | | 10 (4.54) |
| 1,3-Butadiene, 1,1,2,3,4,4-hexachloro- | 87-68-3 | 2,3,4 | U128 | 1 (0.454) |
| 1-Butanamine, N-butyl-N-nitroso- | 924-16-3 | 4 | U172 | 10 (4.54) |
| 1-Butanol | 71-36-3 | 4 | U031 | 5000 (2270) |
| 2-Butanone | 78-93-3 | 4 | U159 | 5000 (2270) |
| 2-Butanone, 3,3-dimethyl-1-(methylthio)-, O-[(methylamino)carbonyl] oxime. | 39196-18-4 | 4 | P045 | 100 (45.4) |
| 2-Butanone peroxide | 1338-23-4 | 4 | U160 | 10 (4.54) |
| 2-Butenal | 123-73-9 | 1,4 | U053 | 100 (45.4) |
| | 4170-30-3 | | | |
| 2-Butene, 1,4-dichloro- | 764-41-0 | 4 | U074 | 1 (0.454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ¹ | Statutory code ¹¹ | RCRA waste No. | Final RQ [pounds (kg)] |
|---|--------------------|------------------------------|----------------|------------------------|
| 2-Butenoic acid, 2-methyl-, 7-[[2,3-dihydroxy-2-(1-methoxyethyl)-3- methyl-1-oxobutoxy] methyl]-2,3,5,7a-tetrahydro- 1H-pyrrolizin-1-yl ester, [1S-[1alpha(Z), 7(2S*,3R*),7alpha]]- | 303-34-4 | 4 | U143 | 10 (4.54) |
| Butyl acetate | 123-86-4 | 1 | ..... | 5000 (2270) |
| iso-Butyl acetate | 110-19-0 | 1 | ..... | 5000 (2270) |
| sec-Butyl acetate | 105-46-4 | 1 | ..... | 5000 (2270) |
| tert-Butyl acetate | 540-88-5 | 1 | ..... | 5000 (2270) |
| n-Butyl alcohol | 71-36-3 | 4 | U031 | 5000 (2270) |
| Butylamine | 109-73-9 | 1 | ..... | 1000 (454) |
| iso-Butylamine | 78-81-9 | 1 | ..... | 1000 (454) |
| sec-Butylamine | 513-49-5 | 1 | ..... | 1000 (454) |
| tert-Butylamine | 13952-84-6 | 1 | ..... | 1000 (454) |
| Butyl benzyl phthalate | 75-64-9 | 2 | ..... | 100 (45.4) |
| n-Butyl phthalate | 85-68-7 | 1,2,3,4 | U069 | 10 (4.54) |
| Butyric acid | 84-74-2 | 1 | ..... | 5000 (2270) |
| iso-Butyric acid | 107-92-6 | 1 | ..... | 5000 (2270) |
| Cacodylic acid | 79-31-2 | 4 | U136 | 1 (0.454) |
| CADMIUM AND COMPOUNDS | 75-60-5 | 2,3 | ..... | ** |
| Cadmium ^{III} | N.A. | 2 | ..... | 10 (4.54) |
| Cadmium acetate | 7440-43-9 | 1 | ..... | 10 (4.54) |
| Cadmium bromide | 543-90-8 | 1 | ..... | 10 (4.54) |
| Cadmium chloride | 7789-42-6 | 1 | ..... | 10 (4.54) |
| Cadmium compounds | 10108-64-2 | 2,3 | ..... | ** |
| Calcium arsenate | N.A. | 1 | ..... | 1 (0.454) |
| Calcium arsenite | 7778-44-1 | 1 | ..... | 1 (0.454) |
| Calcium carbide | 52740-16-6 | 1 | ..... | 10 (4.54) |
| Calcium chromate | 75-20-7 | 1,4 | U032 | 10 (4.54) |
| Calcium cyanamide | 13765-19-0 | 3 | ..... | 1000 (454) |
| Calcium cyanide Ca(CN) ₂ | 156-62-7 | 1,4 | P021 | 10 (4.54) |
| Calcium dodecylbenzenesulfonate | 592-01-8 | 1 | ..... | 1000 (454) |
| Calcium hypochlorite | 26264-06-2 | 1 | ..... | 10 (4.54) |
| Captan | 7778-54-3 | 1,3 | ..... | 10 (4.54) |
| Carbamic acid, 1H-benzimidazol-2-yl, methyl ester ... | 133-06-2 | 4 | U372 | 10 (4.54) |
| Carbamic acid, [1-[(butylamino)carbonyl]-1H-benzimidazol-2-yl]-,methyl ester. | 10605-21-7 | 4 | U271 | 10 (4.54) |
| Carbamic acid, (3-chlorophenyl)-, 4-chloro-2-butynyl ester. | 17804-35-2 | 4 | ..... | 10 (4.54) |
| Carbamic acid, [(dibutylamino)-thio]methyl-, 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ester. | 101-27-9 | 4 | P189 | 1000 (454) |
| Carbamic acid, dimethyl-, 1-[(dimethylamino)carbonyl]-5-methyl-1H-pyrazol-3-yl ester. | 55285-14-8 | 4 | P191 | 1 (0.454) |
| Carbamic acid, dimethyl-, 3-methyl-1-(1-methylethyl)-1H-pyrazol-5-yl ester. | 644-64-4 | 4 | P192 | 100 (45.4) |
| Carbamic acid, ethyl ester | 119-38-0 | 3,4 | U238 | 100 (45.4) |
| Carbamic acid, methyl-, 3-methylphenyl ester | 51-79-6 | 4 | P190 | 1000 (454) |
| Carbamic acid, methylnitroso-, ethyl ester | 1129-41-5 | 4 | U178 | 1 (0.454) |
| Carbamic acid, [1,2-phenylenebis(iminocarbonothioyl)]bis-, dimethyl ester. | 615-53-2 | 4 | U409 | 10 (4.54) |
| Carbamic chloride, dimethyl- | 23564-05-8 | 4 | U373 | 1000 (454) |
| Carbamodithioic acid, 1,2-ethanediybis-, salts & esters. | 122-42-9 | 3,4 | U097 | 1 (0.454) |
| Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester. | 79-44-7 | 4 | U114 | 5000 (2270) |
| Carbamothioic acid, bis(1-methylethyl)-, S-(2,3,3-trichloro-2-propenyl) ester. | 111-54-6 | 4 | ..... | 100 (45.4) |
| Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester | 2303-16-4 | 4 | U062 | 5000 (2270) |
| Carbaryl | 2303-17-5 | 4 | U389 | 100 (45.4) |
| Carbendazim | 52888-80-9 | 1,3,4 | U279 | 100 (45.4) |
| Carbofuran | 63-25-2 | 4 | U372 | 10 (4.54) |
| Carbofuran phenol | 10605-21-7 | 1,4 | P127 | 10 (4.54) |
| Carbon disulfide | 1563-66-2 | 4 | U367 | 10 (4.54) |
| Carbonic acid, dithallium(1 +) salt | 1563-38-8 | 1,3,4 | P022 | 100 (45.4) |
| Carbonic dichloride | 75-15-0 | 4 | U215 | 100 (45.4) |
| Carbonic difluoride | 75-44-5 | 1,3,4 | P095 | 10 (4.54) |
| Carbonochloridic acid, methyl ester | 353-50-4 | 4 | U033 | 1000 (454) |
| Carbon oxyfluoride | 79-22-1 | 4 | U156 | 1000 (454) |
| | 353-50-4 | 4 | U033 | 1000 (454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ¹ | Statutory code ¹¹ | RCRA waste No. | Final RQ [pounds (kg)] |
|---|--------------------|------------------------------|----------------|------------------------|
| Carbon tetrachloride | 56-23-5 | 1,2,3,4 | U211 | 10 (4.54) |
| Carbonyl sulfide | 463-58-1 | 3 | | 100 (45.4) |
| Carbosulfan | 55285-14-8 | 4 | P189 | 1000 (454) |
| Catechol | 120-80-9 | 3 | | 100 (45.4) |
| Chloral | 75-87-6 | 4 | U034 | 5000 (2270) |
| Chloramben | 133-90-4 | 3 | | 100 (45.4) |
| Chlorambucil | 305-03-3 | 4 | U035 | 10 (4.54) |
| CHLORDANE (TECHNICAL MIXTURE AND METABOLITES) | 57-74-9 | 1,2,3,4 | U036 | 1 (0.454) |
| Chlordane | 57-74-9 | 1,2,3,4 | U036 | 1 (0.454) |
| Chlordane, alpha & gamma isomers | 5103-71-9 | 1,2,3,4 | U036 | 1 (0.454) |
| | 5103-74-2 | | | |
| CHLORINATED BENZENES | N.A. | 2 | | ** |
| Chlorinated camphene | 8001-35-2 | 1,2,3,4 | P123 | 1 (0.454) |
| CHLORINATED ETHANES | N.A. | 2 | | ** |
| CHLORINATED NAPHTHALENE | N.A. | 2 | | ** |
| CHLORINATED PHENOLS | N.A. | 2 | | ** |
| Chlorine | 7782-50-5 | 1,3 | | 10 (4.54) |
| Chloromaphazine | 494-03-1 | 4 | U026 | 100 (45.4) |
| Chloroacetaldehyde | 107-20-0 | 4 | P023 | 1000 (454) |
| Chloroacetic acid | 79-11-8 | 3 | | 100 (45.4) |
| 2-Chloroacetophenone | 532-27-4 | 3 | | 100 (45.4) |
| CHLOROALKYL ETHERS | N.A. | 2 | | ** |
| p-Chloroaniline | 106-47-8 | 4 | P024 | 1000 (454) |
| Chlorobenzene | 108-90-7 | 1,2,3,4 | U037 | 100 (45.4) |
| Chlorobenzilate | 510-15-6 | 3,4 | U038 | 10 (4.54) |
| p-Chloro-m-cresol | 59-50-7 | 2,4 | U039 | 5000 (2270) |
| Chlorodibromomethane | 124-48-1 | 2 | | 100 (45.4) |
| 1-Chloro-2,3-epoxypropane | 106-89-8 | 1,3,4 | U041 | 100 (45.4) |
| Chloroethane | 75-00-3 | 2,3 | | 100 (45.4) |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2,4 | U042 | 1000 (454) |
| Chloroform | 67-66-3 | 1,2,3,4 | U044 | 10 (4.54) |
| Chloromethane | 74-87-3 | 2,3,4 | U045 | 100 (45.4) |
| Chloromethyl methyl ether | 107-30-2 | 3,4 | U046 | 10 (4.54) |
| beta-Chloronaphthalene | 91-58-7 | 2,4 | U047 | 5000 (2270) |
| 2-Chloronaphthalene | 91-58-7 | 2,4 | U047 | 5000 (2270) |
| 2-Chlorophenol | 95-57-8 | 2,4 | U048 | 100 (45.4) |
| o-Chlorophenol | 95-57-8 | 2,4 | U048 | 100 (45.4) |
| 4-Chlorophenyl phenyl ether | 7005-72-3 | 2 | | 5000 (2270) |
| 1-(o-Chlorophenyl)thiourea | 5344-82-1 | 4 | P026 | 100 (45.4) |
| Chloroprene | 126-99-8 | 3 | | 100 (45.4) |
| 3-Chloropropionitrile | 542-76-7 | 4 | P027 | 1000 (454) |
| Chlorosulfonic acid | 7790-94-5 | 1 | | 1000 (454) |
| 4-Chloro-o-toluidine, hydrochloride | 3165-93-3 | 4 | U049 | 100 (45.4) |
| Chlorpyrifos | 2921-88-2 | 1 | | 1 (0.454) |
| Chromic acetate | 1066-30-4 | 1 | | 1000 (454) |
| Chromic acid | 7738-94-5 | 1 | | 10 (4.54) |
| Chromic acid H ₂ CrO ₄ , calcium salt | 13765-19-0 | 1,4 | U032 | 10 (4.54) |
| Chromic sulfate | 10101-53-8 | 1 | | 1000 (454) |
| CHROMIUM AND COMPOUNDS | N.A. | 2,3 | | ** |
| Chromium Compounds | N.A. | 2,3 | | ** |
| Chromium ^{III} | 7440-47-3 | 2 | | 5000 (2270) |
| Chromous chloride | 10049-05-5 | 1 | | 1000 (454) |
| Chrysene | 218-01-9 | 2,4 | U050 | 100 (45.4) |
| Cobalt Compounds | N.A. | 3 | | ** |
| Cobaltous bromide | 7789-43-7 | 1 | | 1000 (454) |
| Cobaltous formate | 544-18-3 | 1 | | 1000 (454) |
| Cobaltous sulfamate | 14017-41-5 | 1 | | 1000 (454) |
| Coke Oven Emissions | N.A. | 3 | | 1 (0.454) |
| COPPER AND COMPOUNDS | N.A. | 2 | | ** |
| Copper ^{III} | 7440-50-8 | 2 | | 5000 (2270) |
| Copper cyanide Cu(CN) | 544-92-3 | 4 | P029 | 10 (4.54) |
| Coumaphos | 56-72-4 | 1 | | 10 (4.54) |
| Creosote | N.A. | 4 | U051 | 1 (0.454) |
| Cresol (cresylic acid) | 1319-77-3 | 1,3,4 | U052 | 100 (45.4) |
| m-Cresol | 108-39-4 | 3 | | 100 (45.4) |
| o-Cresol | 95-48-7 | 3 | | 100 (45.4) |
| p-Cresol | 106-44-5 | 3 | | 100 (45.4) |
| Cresols (isomers and mixture) | 1319-77-3 | 1,3,4 | U052 | 100 (45.4) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ¹ | Statutory code ¹¹ | RCRA waste No. | Final RQ [pounds (kg)] |
|--|--------------------|------------------------------|----------------|------------------------|
| Cresylic acid (isomers and mixture) | 1319-77-3 | 1,3,4 | U052 | 100 (45.4) |
| Crotonaldehyde | 123-73-9 | 1,4 | U053 | 100 (45.4) |
| | 4170-30-3 | | | |
| Cumene | 98-82-8 | 3,4 | U055 | 5000 (2270) |
| m-Cumenyl methylcarbamate | 64-00-6 | 4 | P202 | 10 (4.54) |
| Cupric acetate | 142-71-2 | 1 | | 100 (45.4) |
| Cupric acetoarsenite | 12002-03-8 | 1 | | 1 (0.454) |
| Cupric chloride | 7447-39-4 | 1 | | 10 (4.54) |
| Cupric nitrate | 3251-23-8 | 1 | | 100 (45.4) |
| Cupric oxalate | 55671-32-4 | 1 | | 100 (45.4) |
| Cupric sulfate | 7758-98-7 | 1 | | 10 (4.54) |
| Cupric sulfate, ammoniated | 10380-29-7 | 1 | | 100 (45.4) |
| Cupric tartrate | 815-82-7 | 1 | | 100 (45.4) |
| CYANIDES | N.A. | 2,3 | | ** |
| Cyanide Compounds | N.A. | 2,3 | | ** |
| Cyanides (soluble salts and complexes) not otherwise specified. | N.A. | 4 | P030 | 10 (4.54) |
| Cyanogen | 460-19-5 | 4 | P031 | 100 (45.4) |
| Cyanogen bromide (CN)Br | 506-68-3 | 4 | U246 | 1000 (454) |
| Cyanogen chloride (CN)Cl | 506-77-4 | 1,4 | P033 | 10 (4.54) |
| 2,5-Cyclohexadiene-1,4-dione | 106-51-4 | 3,4 | U197 | 10 (4.54) |
| Cyclohexane | 110-82-7 | 1,4 | U056 | 1000 (454) |
| Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1 α , 2 α , 3 β -, 4 α , 5 α , 6 β). | 58-89-9 | 1,2,3,4 | U129 | 1 (0.454) |
| Cyclohexanone | 108-94-1 | 4 | U057 | 5000 (2270) |
| 2-Cyclohexyl-4,6-dinitrophenol | 131-89-5 | 4 | P034 | 100 (45.4) |
| 1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro- | 77-47-4 | 1,2,3,4 | U130 | 10 (4.54) |
| Cyclophosphamide | 50-18-0 | 4 | U058 | 10 (4.54) |
| 2,4-D Acid | 94-75-7 | 1,3,4 | U240 | 100 (45.4) |
| 2,4-D Ester | 94-11-1 | 1 | | 100 (45.4) |
| | 94-79-1 | | | |
| | 94-80-4 | | | |
| | 1320-18-9 | | | |
| | 1928-38-7 | | | |
| | 1928-61-6 | | | |
| | 1929-73-3 | | | |
| | 2971-38-2 | | | |
| | 25168-26-7 | | | |
| | 53467-11-1 | | | |
| 2,4-D, salts and esters | 94-75-7 | 1,3,4 | U240 | 100 (45.4) |
| Daunomycin | 20830-81-3 | 4 | U059 | 10 (4.54) |
| DDD | 72-54-8 | 1,2,4 | U060 | 1 (0.454) |
| 4,4'-DDD | 72-54-8 | 1,2,4 | U060 | 1 (0.454) |
| DDE ^b | 72-55-9 | 2,4 | | 1 (0.454) |
| DDE ^b | 3547-04-4 | 3 | | 5000 (2270) |
| 4,4'-DDE | 72-55-9 | 2,4 | | 1 (0.454) |
| DDT | 50-29-3 | 1,2,4 | U061 | 1 (0.454) |
| 4,4'-DDT | 50-29-3 | 1,2,4 | U061 | 1 (0.454) |
| DDT AND METABOLITES | N.A. | 2 | | ** |
| DEHP | 117-81-7 | 2,3,4 | U028 | 100 (45.4) |
| Diallate | 2303-16-4 | 4 | U062 | 100 (45.4) |
| Diazinon | 333-41-5 | 1 | | 1 (0.454) |
| Diazomethane | 334-88-3 | 3 | | 100 (45.4) |
| Dibenz[a,h]anthracene | 53-70-3 | 2,4 | U063 | 1 (0.454) |
| 1,2:5,6-Dibenzanthracene | 53-70-3 | 2,4 | U063 | 1 (0.454) |
| Dibenzofuran | 132-64-9 | 3 | | 100 (45.4) |
| Dibenzo[a,l]pyrene | 189-55-9 | 4 | U064 | 10 (4.54) |
| 1,2-Dibromo-3-chloropropane | 96-12-8 | 3,4 | U066 | 1 (0.454) |
| Dibromoethane | 106-93-4 | 1,3,4 | U067 | 1 (0.454) |
| Dibutyl phthalate | 84-74-2 | 1,2,3,4 | U069 | 10 (4.54) |
| Di-n-butyl phthalate | 84-74-2 | 1,2,3,4 | U069 | 10 (4.54) |
| Dicamba | 1918-00-9 | 1 | | 1000 (454) |
| Dichlobenil | 1194-65-6 | 1 | | 100 (45.4) |
| Dichlone | 117-80-6 | 1 | | 1 (0.454) |
| Dichlorobenzene | 25321-22-6 | 1,2 | | 100 (45.4) |
| 1,2-Dichlorobenzene | 95-50-1 | 1,2,4 | U070 | 100 (45.4) |
| 1,3-Dichlorobenzene | 541-73-1 | 2,4 | U071 | 100 (45.4) |
| 1,4-Dichlorobenzene | 106-46-7 | 1,2,3,4 | U072 | 100 (45.4) |
| m-Dichlorobenzene | 541-73-1 | 2,4 | U071 | 100 (45.4) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ¹ | Statutory code ² | RCRA waste No. | Final RQ [pounds (kg)] |
|--|--------------------|-----------------------------|----------------|------------------------|
| o-Dichlorobenzene | 95-50-1 | 1,2,4 | U070 | 100 (45.4) |
| p-Dichlorobenzene | 106-46-7 | 1,2,3,4 | U072 | 100 (45.4) |
| DICHLOROBENZIDINE | 1331-47-1 | 2 | | ** |
| 3,3'-Dichlorobenzidine | 91-94-1 | 2,3,4 | U073 | 1 (0.454) |
| Dichlorobromomethane | 75-27-4 | 2 | | 5000 (2270) |
| 1,4-Dichloro-2-butene | 764-41-0 | 4 | U074 | 1 (0.454) |
| Dichlorodifluoromethane | 75-71-8 | 4 | U075 | 5000 (2270) |
| 1,1-Dichloroethane | 75-34-3 | 2,3,4 | U076 | 1000 (454) |
| 1,2-Dichloroethane | 107-06-2 | 1,2,3,4 | U077 | 100 (45.4) |
| 1,1-Dichloroethylene | 75-35-4 | 1,2,3,4 | U078 | 100 (45.4) |
| 1,2-Dichloroethylene | 156-60-5 | 2,4 | U079 | 1000 (454) |
| Dichloroethyl ether | 111-44-4 | 2,3,4 | U025 | 10 (4.54) |
| Dichloroisopropyl ether | 108-60-1 | 2,4 | U027 | 1000 (454) |
| Dichloromethane | 75-09-2 | 2,3,4 | U080 | 1000 (454) |
| Dichloromethoxy ethane | 111-91-1 | 2,4 | U024 | 1000 (454) |
| Dichloromethyl ether | 542-88-1 | 3,4 | P016 | 10 (4.54) |
| 2,4-Dichlorophenol | 120-83-2 | 2,4 | U081 | 100 (45.4) |
| 2,6-Dichlorophenol | 87-65-0 | 4 | U082 | 100 (45.4) |
| Dichlorophenylarsine | 696-28-6 | 4 | P036 | 1 (0.454) |
| Dichloropropane | 26638-19-7 | 1,2 | | 1000 (454) |
| 1,1-Dichloropropane | 78-99-9 | 1,2 | | 1000 (454) |
| 1,2-Dichloropropane | 78-87-5 | 1,2,3,4 | U083 | 1000 (454) |
| 1,3-Dichloropropane | 142-28-9 | 1,2 | | 1000 (454) |
| Dichloropropane—Dichloropropene (mixture) | 8003-19-8 | 1 | | 100 (45.4) |
| Dichloropropene | 26952-23-8 | 1,2 | | 100 (45.4) |
| 1,3-Dichloropropene | 542-75-6 | 1,2,3,4 | U084 | 100 (45.4) |
| 2,3-Dichloropropene | 78-88-6 | 1,2 | | 100 (45.4) |
| 2,2-Dichloropropionic acid | 75-99-0 | 1 | | 5000 (2270) |
| Dichlorvos | 62-73-7 | 1,3 | | 10 (4.54) |
| Dicofol | 115-32-2 | 1 | | 10 (4.54) |
| Dieldrin | 60-57-1 | 1,2,4 | P037 | 1 (0.454) |
| 1,2,3,4-Diepoxybutane | 1464-53-5 | 4 | U085 | 10 (4.54) |
| Diethanolamine | 111-42-2 | 3 | | 100 (45.4) |
| Diethylamine | 109-89-7 | 1 | | 100 (45.4) |
| N,N-Diethylaniline | 91-66-7 | 3 | | 1000 (454) |
| Diethylarsine | 692-42-2 | 4 | P038 | 1 (0.454) |
| 1,4-Diethyleneoxide | 123-91-1 | 3,4 | U108 | 100 (45.4) |
| Diethylene glycol, dicarbamate | 5952-26-1 | 4 | U395 | 5000 (2270) |
| Diethylhexyl phthalate | 117-81-7 | 2,3,4 | U028 | 100 (45.4) |
| N,N'-Diethylhydrazine | 1615-80-1 | 4 | U086 | 10 (4.54) |
| O,O-Diethyl S-methyl dithiophosphate | 3288-58-2 | 4 | U087 | 5000 (2270) |
| Diethyl-p-nitrophenyl phosphate | 311-45-5 | 4 | P041 | 100 (45.4) |
| Diethyl phthalate | 84-66-2 | 2,4 | U088 | 1000 (454) |
| O,O-Diethyl O-pyrazinyl phosphorothioate | 297-97-2 | 4 | P040 | 100 (45.4) |
| Diethylstilbestrol | 56-53-1 | 4 | U089 | 1 (0.454) |
| Diethyl sulfate | 64-67-5 | 3 | | 10 (4.54) |
| Dihydrosafrole | 94-58-6 | 4 | U090 | 10 (4.54) |
| Diisopropylfluorophosphate (DFP) | 55-91-4 | 4 | P043 | 100 (45.4) |
| 1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4beta,5alpha,8alpha,8beta)- | 309-00-2 | 1,2,4 | P004 | 1 (0.454) |
| 1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4beta,5beta,8beta,8beta)- | 465-73-6 | 4 | P060 | 1 (0.454) |
| 2,7:3,6-Dimethanonaphth[2,3-b]oxirene,3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-,(1alpha,2beta,2alpha,3beta,6beta,6alpha,7beta,7alpha)- | 60-57-1 | 1,2,4 | P037 | 1 (0.454) |
| 2,7:3,6-Dimethanonaphth[2,3-b]oxirene,3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-,(1alpha,2beta,2alpha,3beta,6beta,6alpha,7beta,7alpha)-, & metabolites. | 72-20-8 | 1,2,4 | P051 | 1 (0.454) |
| Dimethoate | 60-51-5 | 4 | P044 | 10 (4.54) |
| 3,3'-Dimethoxybenzidine | 119-90-4 | 3,4 | U091 | 100 (45.4) |
| Dimethylamine | 124-40-3 | 1,4 | U092 | 1000 (454) |
| Dimethyl aminoazobenzene | 60-11-7 | 3,4 | U093 | 10 (4.54) |
| p-Dimethylaminoazobenzene | 60-11-7 | 3,4 | U093 | 10 (4.54) |
| N,N-Dimethylaniline | 121-69-7 | 3 | | 100 (45.4) |
| 7,12-Dimethylbenz[a]anthracene | 57-97-6 | 4 | U094 | 1 (0.454) |
| 3,3'-Dimethylbenzidine | 119-93-7 | 3,4 | U095 | 10 (4.54) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ¹ | Statutory code ¹¹ | RCRA waste No. | Final RQ [pounds (kg)] |
|---|--------------------|------------------------------|----------------|------------------------|
| alpha,alpha-Dimethylbenzylhydroperoxide | 80-15-9 | 4 | U096 | 10 (4.54) |
| Dimethylcarbomoyl chloride | 79-44-7 | 3,4 | U097 | 1 (0.454) |
| Dimethylformamide | 68-12-2 | 3 | ..... | 100 (45.4) |
| 1,1-Dimethylhydrazine | 57-14-7 | 3,4 | U098 | 10 (4.54) |
| 1,2-Dimethylhydrazine | 540-73-8 | 4 | U099 | 1 (0.454) |
| alpha,alpha-Dimethylphenethylamine | 122-09-8 | 4 | P046 | 5000 (2270) |
| 2,4-Dimethylphenol | 105-67-9 | 2,4 | U101 | 100 (45.4) |
| Dimethyl phthalate | 131-11-3 | 2,3,4 | U102 | 5000 (2270) |
| Dimethyl sulfate | 77-78-1 | 3,4 | U103 | 100 (45.4) |
| Dimetilan | 644-64-4 | 4 | P191 | 1 (0.454) |
| Dinitrobenzene (mixed) | 25154-54-5 | 1 | ..... | 100 (45.4) |
| m-Dinitrobenzene | 99-65-0 | 1 | ..... | 100 (45.4) |
| o-Dinitrobenzene | 528-29-0 | 1 | ..... | 100 (45.4) |
| p-Dinitrobenzene | 100-25-4 | 1 | ..... | 100 (45.4) |
| 4,6-Dinitro-o-cresol | 534-52-1 | 2,3,4 | P047 | 10 (4.54) |
| 4,6-Dinitro-o-cresol, and salts | 534-52-1 | 3,4 | P047 | 10 (4.54) |
| Dinitrophenol | 25550-58-7 | 1 | ..... | 10 (4.54) |
| 2,4-Dinitrophenol | 51-28-5 | 1,2,3,4 | P048 | 10 (4.54) |
| 2,5-Dinitrophenol | 329-71-5 | 1 | ..... | 10 (4.54) |
| 2,6-Dinitrophenol | 573-56-8 | 1 | ..... | 10 (4.54) |
| Dinitrotoluene | 25321-14-6 | 1,2 | ..... | 10 (4.54) |
| 2,4-Dinitrotoluene | 121-14-2 | 1,2,3,4 | U105 | 10 (4.54) |
| 2,6-Dinitrotoluene | 606-20-2 | 1,2,4 | U106 | 100 (45.4) |
| 3,4-Dinitrotoluene | 610-39-9 | 1,2 | ..... | 10 (4.54) |
| Dinoseb | 88-85-7 | 4 | P020 | 1000 (454) |
| Di-n-octyl phthalate | 117-84-0 | 2,4 | U107 | 5000 (2270) |
| 1,4-Dioxane | 123-91-1 | 3,4 | U108 | 100 (45.4) |
| DIPHENYLHYDRAZINE | 38622-18-3 | 2 | ..... | ** |
| 1,2-Diphenylhydrazine | 122-66-7 | 2,3,4 | U109 | 10 (4.54) |
| Diphosphoramidate, octamethyl- | 152-16-9 | 4 | P085 | 100 (45.4) |
| Diphosphoric acid, tetraethyl ester | 107-49-3 | 1,4 | P111 | 10 (4.54) |
| Dipropylamine | 142-84-7 | 4 | U110 | 5000 (2270) |
| Di-n-propylnitrosamine | 621-64-7 | 2,4 | U111 | 10 (4.54) |
| Diquat | 85-00-7 | 1 | ..... | 1000 (454) |
| ..... | 2764-72-9 | ..... | ..... | ..... |
| Disulfoton | 298-04-4 | 1,4 | P039 | 1 (0.454) |
| Dithiobiuret | 541-53-7 | 4 | P049 | 100 (45.4) |
| 1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O- [(methylamino)-carbonyl]oxime | 26419-73-8 | 4 | P185 | 100 (45.4) |
| Diuron | 330-54-1 | 1 | ..... | 100 (45.4) |
| Dodecylbenzenesulfonic acid | 27176-87-0 | 1 | ..... | 1000 (454) |
| ENDOSULFAN AND METABOLITES | N.A. | 2 | ..... | ** |
| Endosulfan | 115-29-7 | 1,2,4 | P050 | 1 (0.454) |
| alpha-Endosulfan | 959-98-8 | 2 | ..... | 1 (0.454) |
| beta-Endosulfan | 33213-65-9 | 2 | ..... | 1 (0.454) |
| Endosulfan sulfate | 1031-07-8 | 2 | ..... | 1 (0.454) |
| Endothall | 145-73-3 | 4 | P088 | 1000 (454) |
| ENDRIN AND METABOLITES | N.A. | 2,4 | P051 | ** |
| Endrin, & metabolites | 72-20-8 | 1,2,4 | P051 | 1 (0.454) |
| Endrin | 72-20-8 | 1,2,4 | P051 | 1 (0.454) |
| Endrin aldehyde | 7421-93-4 | 2 | ..... | 1 (0.454) |
| Epichlorohydrin | 106-89-8 | 1,3,4 | U041 | 100 (45.4) |
| Epinephrine | 51-43-4 | 4 | P042 | 1000 (454) |
| 1,2-Epoxybutane | 106-88-7 | 3 | ..... | 100 (45.4) |
| Ethanal | 75-07-0 | 1,3,4 | U001 | 1000 (454) |
| Ethanamine, N,N-diethyl- | 121-44-8 | 1,3,4 | U404 | 5000 (2270) |
| Ethanamine, N-ethyl-N-nitroso- | 55-18-5 | 4 | U174 | 1 (0.454) |
| 1,2-Ethanediamine, N,N-dimethyl-N'-2- pyridinyl-N'- (2- thienylmethyl)- | 91-80-5 | 4 | U155 | 5000 (2270) |
| Ethane, 1,2-dibromo- | 106-93-4 | 1,3,4 | U067 | 1 (0.454) |
| Ethane, 1,1-dichloro- | 75-34-3 | 2,3,4 | U076 | 1000 (454) |
| Ethane, 1,2-dichloro- | 107-06-2 | 1,2,3,4 | U077 | 100 (45.4) |
| Ethanedinitrile | 460-19-5 | 4 | P031 | 100 (45.4) |
| Ethane, hexachloro- | 67-72-1 | 2,3,4 | U131 | 100 (45.4) |
| Ethane, 1,1'-[methylenebis(oxy)]bis[2- chloro- | 111-91-1 | 2,4 | U024 | 1000 (454) |
| Ethane, 1,1'-oxybis- | 60-29-7 | 4 | U117 | 100 (45.4) |
| Ethane, 1,1'-oxybis[2-chloro- | 111-44-4 | 2,3,4 | U025 | 10 (4.54) |
| Ethane, pentachloro- | 76-01-7 | 4 | U184 | 10 (4.54) |
| Ethane, 1,1,1,2-tetrachloro- | 630-20-6 | 4 | U208 | 100 (45.4) |
| Ethane, 1,1,2,2-tetrachloro- | 79-34-5 | 2,3,4 | U209 | 100 (45.4) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ¹ | Statutory code ² | RCRA waste No. | Final RQ [pounds (kg)] |
|---|--------------------|-----------------------------|----------------|------------------------|
| Ethanethioamide | 62-55-5 | 4 | U218 | 10 (4.54) |
| Ethane, 1,1,1-trichloro- | 71-55-6 | 2,3,4 | U226 | 1000 (454) |
| Ethane, 1,1,2-trichloro- | 79-00-5 | 2,3,4 | U227 | 100 (45.4) |
| Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo-, methyl ester. | 30558-43-1 | 4 | U394 | 5000 (2270) |
| Ethanimidothioic acid, 2-(dimethylamino)-N-[[methylamino]carbonyloxy]-2-oxo-, methyl ester. | 23135-22-0 | 4 | P194 | 100 (45.4) |
| Ethanimidothioic acid, N-[[methylamino]carbonyloxy]-, methyl ester. | 16752-77-5 | 4 | P066 | 100 (45.4) |
| Ethanimidothioic acid, N,N'-[thiobis(methylimino)carbonyloxy]bis-, dimethyl ester. | 59669-26-0 | 4 | U410 | 100 (45.4) |
| Ethanol, 2-ethoxy- | 110-80-5 | 4 | U359 | 1000 (454) |
| Ethanol, 2,2'-(nitrosoimino)bis- | 1116-54-7 | 4 | U173 | 1 (0.454) |
| Ethanol, 2,2'-oxybis-, dicarbamate | 5952-26-1 | 4 | U395 | 5000 (2270) |
| Ethanone, 1-phenyl- | 98-86-2 | 3,4 | U004 | 5000 (2270) |
| Ethene, chloro- | 75-01-4 | 2,3,4 | U043 | 1 (0.454) |
| Ethene, (2-chloroethoxy)- | 110-75-8 | 2,4 | U042 | 1000 (454) |
| Ethene, 1,1-dichloro- | 75-35-4 | 1,2,3,4 | U078 | 100 (45.4) |
| Ethene, 1,2-dichloro-(E) | 156-60-5 | 2,4 | U079 | 1000 (454) |
| Ethene, tetrachloro- | 127-18-4 | 2,3,4 | U210 | 100 (45.4) |
| Ethene, trichloro- | 79-01-6 | 1,2,3,4 | U228 | 100 (45.4) |
| Ethion | 563-12-2 | 1 | | 10 (4.54) |
| Ethyl acetate | 141-78-6 | 4 | U112 | 5000 (2270) |
| Ethyl acrylate | 140-88-5 | 3,4 | U113 | 1000 (454) |
| Ethylbenzene | 100-41-4 | 1,2,3 | | 1000 (454) |
| Ethyl carbamate | 51-79-6 | 3,4 | U238 | 100 (45.4) |
| Ethyl chloride | 75-00-3 | 2,3 | | 100 (45.4) |
| Ethyl cyanide | 107-12-0 | 4 | P101 | 10 (4.54) |
| Ethylenebisdithiocarbamic acid, salts & esters | 111-54-6 | 4 | U114 | 5000 (2270) |
| Ethylenediamine | 107-15-3 | 1 | | 5000 (2270) |
| Ethylenediamine-tetraacetic acid (EDTA) | 60-00-4 | 1 | | 5000 (2270) |
| Ethylene dibromide | 106-93-4 | 1,3,4 | U067 | 1 (0.454) |
| Ethylene dichloride | 107-06-2 | 1,2,3,4 | U077 | 100 (45.4) |
| Ethylene glycol | 107-21-1 | 3 | | 5000 (2270) |
| Ethylene glycol monoethyl ether | 110-80-5 | 4 | U359 | 1000 (454) |
| Ethylene oxide | 75-21-8 | 3,4 | U115 | 10 (4.54) |
| Ethylenethiourea | 96-45-7 | 3,4 | U116 | 10 (4.54) |
| Ethylenimine | 151-56-4 | 3,4 | P054 | 1 (0.454) |
| Ethyl ether | 60-29-7 | 4 | U117 | 100 (45.4) |
| Ethylidene dichloride | 75-34-3 | 2,3,4 | U076 | 1000 (454) |
| Ethyl methacrylate | 97-63-2 | 4 | U118 | 1000 (454) |
| Ethyl methanesulfonate | 62-50-0 | 4 | U119 | 1 (0.454) |
| Famphur | 52-85-7 | 4 | P097 | 1000 (454) |
| Ferric ammonium citrate | 1185-57-5 | 1 | | 1000 (454) |
| Ferric ammonium oxalate | 2944-67-4 | 1 | | 1000 (454) |
| Ferric chloride | 55488-87-4 | | | |
| Ferric chloride | 7705-08-0 | 1 | | 1000 (454) |
| Ferric fluoride | 7783-50-8 | 1 | | 100 (45.4) |
| Ferric nitrate | 10421-48-4 | 1 | | 1000 (454) |
| Ferric sulfate | 10028-22-5 | 1 | | 1000 (454) |
| Ferrous ammonium sulfate | 10045-89-3 | 1 | | 1000 (454) |
| Ferrous chloride | 7758-94-3 | 1 | | 100 (45.4) |
| Ferrous sulfate | 7720-78-7 | 1 | | 1000 (454) |
| Ferrous sulfate | 7782-63-0 | | | |
| Fine mineral fibers ^c | N.A. | 3 | | ** |
| Fluoranthene | 206-44-0 | 2,4 | U120 | 100 (45.4) |
| Fluorene | 86-73-7 | 2 | | 5000 (2270) |
| Fluorine | 7782-41-4 | 4 | P056 | 10 (4.54) |
| Fluoroacetamide | 640-19-7 | 4 | P057 | 100 (45.4) |
| Fluoroacetic acid, sodium salt | 62-74-8 | 4 | P058 | 10 (4.54) |
| Formaldehyde | 50-00-0 | 1,3,4 | U122 | 100 (45.4) |
| Formetanate hydrochloride | 23422-53-9 | 4 | P198 | 100 (45.4) |
| Formic acid | 64-18-6 | 1,4 | U123 | 5000 (2270) |
| Formparanate | 17702-57-7 | 4 | P197 | 100 (45.4) |
| Fulminic acid, mercury(2+) salt | 628-86-4 | 4 | P065 | 10 (4.54) |
| Fumaric acid | 110-17-8 | 1 | | 5000 (2270) |
| Furan | 110-00-9 | 4 | U124 | 100 (45.4) |
| 2-Furancarboxaldehyde | 98-01-1 | 1,4 | U125 | 5000 (2270) |
| 2,5-Furandione | 108-31-6 | 1,3,4 | U147 | 5000 (2270) |
| Furan, tetrahydro- | 109-99-9 | 4 | U213 | 1000 (454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ¹ | Statutory code ¹¹ | RCRA waste No. | Final RQ [pounds (kg)] |
|---|--------------------|------------------------------|----------------|------------------------|
| Furfural | 98-01-1 | 1,4 | U125 | 5000 (2270) |
| Furfuran | 110-00-9 | 4 | U124 | 100 (45.4) |
| Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-,D- | 18883-66-4 | 4 | U206 | 1 (0.454) |
| D-Glucose, 2-deoxy-2-[[[(methylnitrosoamino)-carbonyl]amino]- | 18883-66-4 | 4 | U206 | 1 (0.454) |
| Glycidylaldehyde | 765-34-4 | 4 | U126 | 10 (4.54) |
| Glycol ethers ^d | N.A. | 3 | | ** |
| Guanidine, N-methyl-N'-nitro-N-nitroso- | 70-25-7 | 4 | U163 | 10 (4.54) |
| Guthion | 86-50-0 | 1 | | 1 (0.454) |
| HALOETHERS | N.A. | 2 | | ** |
| HALOMETHANES | N.A. | 2 | | ** |
| HEPTACHLOR AND METABOLITES | N.A. | 2 | | ** |
| Heptachlor | 76-44-8 | 1,2,3,4 | P059 | 1 (0.454) |
| Heptachlor epoxide | 1024-57-3 | 2 | | 1 (0.454) |
| Hexachlorobenzene | 118-74-1 | 2,3,4 | U127 | 10 (4.54) |
| Hexachlorobutadiene | 87-68-3 | 2,3,4 | U128 | 1 (0.454) |
| HEXACHLOROXYCLOHEXANE (all isomers) | 608-73-1 | 2 | | ** |
| Hexachlorocyclopentadiene | 77-47-4 | 1,2,3,4 | U130 | 10 (4.54) |
| Hexachloroethane | 67-72-1 | 2,3,4 | U131 | 100 (45.4) |
| Hexachlorophene | 70-30-4 | 4 | U132 | 100 (45.4) |
| Hexachloropropene | 1888-71-7 | 4 | U243 | 1000 (454) |
| Hexaethyl tetraphosphate | 757-58-4 | 4 | P062 | 100 (45.4) |
| Hexamethylene-1,6-diisocyanate | 822-06-0 | 3 | | 100 (45.4) |
| Hexamethylphosphoramide | 680-31-9 | 3 | | 1 (0.454) |
| Hexane | 110-54-3 | 3 | | 5000 (2270) |
| Hexone | 108-10-1 | 3,4 | U161 | 5000 (2270) |
| Hydrazine | 302-01-2 | 3,4 | U133 | 1 (0.454) |
| Hydrazinecarbothioamide | 79-19-6 | 4 | P116 | 100 (45.4) |
| Hydrazine, 1,2-diethyl- | 1615-80-1 | 4 | U086 | 10 (4.54) |
| Hydrazine, 1,1-dimethyl- | 57-14-7 | 3,4 | U098 | 10 (4.54) |
| Hydrazine, 1,2-dimethyl- | 540-73-8 | 4 | U099 | 1 (0.454) |
| Hydrazine, 1,2-diphenyl- | 122-66-7 | 2,3,4 | U109 | 10 (4.54) |
| Hydrazine, methyl- | 60-34-4 | 3,4 | P068 | 10 (4.54) |
| Hydrochloric acid | 7647-01-0 | 1,3 | | 5000 (2270) |
| Hydrocyanic acid | 74-90-8 | 1,4 | P063 | 10 (4.54) |
| Hydrofluoric acid | 7664-39-3 | 1,3,4 | U134 | 100 (45.4) |
| Hydrogen chloride | 7647-01-0 | 1,3 | | 5000 (2270) |
| Hydrogen cyanide | 74-90-8 | 1,4 | P063 | 10 (4.54) |
| Hydrogen fluoride | 7664-39-3 | 1,3,4 | U134 | 100 (45.4) |
| Hydrogen phosphide | 7803-51-2 | 3,4 | P096 | 100 (45.4) |
| Hydrogen sulfide H2S | 7783-06-4 | 1,4 | U135 | 100 (45.4) |
| Hydroperoxide, 1-methyl-1-phenylethyl- | 80-15-9 | 4 | U096 | 10 (4.54) |
| Hydroquinone | 123-31-9 | 3 | | 100 (45.4) |
| 2-Imidazolidinethione | 96-45-7 | 3,4 | U116 | 10 (4.54) |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 2,4 | U137 | 100 (45.4) |
| Iodomethane | 74-88-4 | 3,4 | U138 | 100 (45.4) |
| 1,3-Isobenzofurandione | 85-44-9 | 3,4 | U190 | 5000 (2270) |
| Isobutyl alcohol | 78-83-1 | 4 | U140 | 5000 (2270) |
| Isodrin | 465-73-6 | 4 | P060 | 1 (0.454) |
| Isolan | 119-38-0 | 4 | P192 | 100 (45.4) |
| Isophorone | 78-59-1 | 2,3 | | 5000 (2270) |
| Isoprene | 78-79-5 | 1 | | 100 (45.4) |
| Isopropanolamine dodecylbenzenesulfonate | 42504-46-1 | 1 | | 1000 (454) |
| 3-Isopropylphenyl N-methylcarbamate | 64-00-6 | 4 | P202 | 10 (4.54) |
| Isosafrole | 120-58-1 | 4 | U141 | 100 (45.4) |
| 3(2H)-Isoxazolone, 5-(aminomethyl)- | 2763-96-4 | 4 | P007 | 1000 (454) |
| Kepone | 143-50-0 | 1,4 | U142 | 1 (0.454) |
| Lasiocarpine | 303-34-4 | 4 | U143 | 10 (4.54) |
| LEAD AND COMPOUNDS | N.A. | 2,3 | | ** |
| Lead ^{III} | 7439-92-1 | 2 | | 10 (4.54) |
| Lead acetate | 301-04-2 | 1,4 | U144 | 10 (4.54) |
| Lead arsenate | 7784-40-9 | 1 | | 1 (0.454) |
| | 7645-25-2 | | | |
| | 10102-48-4 | | | |
| Lead, bis(acetato-O)tetrahydroxytri- | 1335-32-6 | 4 | U146 | 10 (4.54) |
| Lead chloride | 7758-95-4 | 1 | | 10 (4.54) |
| Lead compounds | N.A. | 2,3 | | ** |
| Lead fluoroborate | 13814-96-5 | 1 | | 10 (4.54) |
| Lead fluoride | 7783-46-2 | 1 | | 10 (4.54) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ¹ | Statutory code ² | RCRA waste No. | Final RQ [pounds (kg)] |
|--|--------------------|-----------------------------|----------------|------------------------|
| Lead iodide | 10101-63-0 | 1 | | 10 (4.54) |
| Lead nitrate | 10099-74-8 | 1 | | 10 (4.54) |
| Lead phosphate | 7446-27-7 | 4 | U145 | 10 (4.54) |
| Lead stearate | 1072-35-1 | 1 | | 10 (4.54) |
| | 7428-48-0 | | | |
| | 56189-09-4 | | | |
| Lead subacetate | 1335-32-6 | 4 | U146 | 10 (4.54) |
| Lead sulfate | 7446-14-2 | 1 | | 10 (4.54) |
| | 15739-80-7 | | | |
| Lead sulfide | 1314-87-0 | 1 | | 10 (4.54) |
| Lead thiocyanate | 592-87-0 | 1 | | 10 (4.54) |
| Lindane | 58-89-9 | 1,2,3,4 | U129 | 1 (0.454) |
| Lindane (all isomers) | 58-89-9 | 1,2,3,4 | U129 | 1 (0.454) |
| Lithium chromate | 14307-35-8 | 1 | | 10 (4.54) |
| Malathion | 121-75-5 | 1 | | 100 (45.4) |
| Maleic acid | 110-16-7 | 1 | | 5000 (2270) |
| Maleic anhydride | 108-31-6 | 1,3,4 | U147 | 5000 (2270) |
| Maleic hydrazide | 123-33-1 | 4 | U148 | 5000 (2270) |
| Malononitrile | 109-77-3 | 4 | U149 | 1000 (454) |
| Manganese, bis (dimethylcarbomodithioato-S,S')- | 15339-36-3 | 4 | P196 | 10 (4.54) |
| Manganese Compounds | N.A. | 3 | | ** |
| Manganese dimethylthiocarbamate | 15339-36-3 | 4 | P196 | 10 (4.54) |
| MDI | 101-68-8 | 3 | | 5000 (2270) |
| MEK | 78-93-3 | 4 | U159 | 5000 (2270) |
| Melphalan | 148-82-3 | 4 | U150 | 1 (0.454) |
| Mercaptodimethur | 2032-65-7 | 1,4 | P199 | 10 (4.54) |
| MERCURY AND COMPOUNDS | N.A. | 2,3 | | ** |
| Mercury Compounds | N.A. | 2,3 | | ** |
| Mercuric cyanide | 592-04-1 | 1 | | 1(0.454) |
| Mercuric nitrate | 10045-94-0 | 1 | | 10 (4.54) |
| Mercuric sulfate | 7783-35-9 | 1 | | 10 (4.54) |
| Mercuric thiocyanate | 592-85-8 | 1 | | 10 (4.54) |
| Mercurous nitrate | 10415-75-5 | 1 | | 10 (4.54) |
| Mercury | 7782-86-7 | 2,3,4 | U151 | 1 (0.454) |
| | 7439-97-6 | | | |
| Mercury, (acetato-O)phenyl- | 62-38-4 | 4 | P092 | 100 (45.4) |
| Mercury fulminate | 628-86-4 | 4 | P065 | 10 (4.54) |
| Methacrylonitrile | 126-98-7 | 4 | U152 | 1000 (454) |
| Methanamine, N-methyl- | 124-40-3 | 1,4 | U092 | 1000 (454) |
| Methanamine, N-methyl-N-nitroso- | 62-75-9 | 2,3,4 | P082 | 10 (4.54) |
| Methane, bromo- | 74-83-9 | 2,3,4 | U029 | 1000 (454) |
| Methane, chloro- | 74-87-3 | 2,3,4 | U045 | 100 (45.4) |
| Methane, chloromethoxy- | 107-30-2 | 3,4 | U046 | 10 (4.54) |
| Methane, dibromo- | 74-95-3 | 4 | U068 | 1000 (454) |
| Methane, dichloro- | 75-09-2 | 2,3,4 | U080 | 1000 (454) |
| Methane, dichlorodifluoro- | 75-71-8 | 4 | U075 | 5000 (2270) |
| Methane, iodo- | 74-88-4 | 3,4 | U138 | 100 (45.4) |
| Methane, isocyanato- | 624-83-9 | 3,4 | P064 | 10 (4.54) |
| Methane, oxybis(chloro- | 542-88-1 | 3,4 | P016 | 10 (4.54) |
| Methanesulfonyl chloride, trichloro- | 594-42-3 | 4 | P118 | 100 (45.4) |
| Methanesulfonic acid, ethyl ester | 62-50-0 | 4 | U119 | 1 (0.454) |
| Methane, tetrachloro- | 56-23-5 | 1,2,3,4 | U211 | 10 (4.54) |
| Methane, tetranitro- | 509-14-8 | 4 | P112 | 10 (4.54) |
| Methanethiol | 74-93-1 | 1,4 | U153 | 100 (45.4) |
| Methane, tribromo- | 75-25-2 | 2,3,4 | U225 | 100 (45.4) |
| Methane, trichloro- | 67-66-3 | 1,2,3,4 | U044 | 10 (4.54) |
| Methane, trichlorofluoro- | 75-69-4 | 4 | U121 | 5000 (2270) |
| Methanimidamide, N,N-dimethyl-N'-[3-[[[(methylamino)carbonyl]oxy]phenyl]-monohydrochloride. | 23422-53-9 | 4 | P198 | 100 (45.4) |
| Methanimidamide, N,N-dimethyl-N'-[2-methyl-4-[[[(methylamino)carbonyl]oxy]phenyl]- | 17702-57-7 | 4 | P197 | 100 (45.4) |
| 6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-, 3-oxide. | 115-29-7 | 1,2,4 | P050 | 1 (0.454) |
| 4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro- | 76-44-8 | 1,2,3,4 | P059 | 1 (0.454) |
| 4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro- | 57-74-9 | 1,2,3,4 | U036 | 1 (0.454) |
| Methanol | 67-56-1 | 3,4 | U154 | 5000 (2270) |
| Methapyrilene | 91-80-5 | 4 | U155 | 5000 (2270) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ¹ | Statutory code ² | RCRA waste No. | Final RQ [pounds (kg)] |
|---|--------------------|-----------------------------|----------------|------------------------|
| 1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5a,5b,6-decachlorooctahydro- | 143-50-0 | 1,4 | U142 | 1 (0.454) |
| Methiocarb | 2032-65-7 | 1,4 | P199 | 10 (4.54) |
| Methomyl | 16752-77-5 | 4 | P066 | 100 (45.4) |
| Methoxychlor | 72-43-5 | 1,3,4 | U247 | 1 (0.454) |
| Methyl alcohol | 67-56-1 | 3,4 | U154 | 5000 (2270) |
| 2-Methyl aziridine | 75-55-8 | 3,4 | P067 | 1 (0.454) |
| Methyl bromide | 74-83-9 | 2,3,4 | U029 | 1000 (454) |
| 1-Methylbutadiene | 504-60-9 | 4 | U186 | 100 (45.4) |
| Methyl chloride | 74-87-3 | 2,3,4 | U045 | 100 (45.4) |
| Methyl chlorocarbonate | 79-22-1 | 4 | U156 | 1000 (454) |
| Methyl chloroform | 71-55-6 | 2,3,4 | U226 | 1000 (454) |
| 3-Methylcholanthrene | 56-49-5 | 4 | U157 | 10 (4.54) |
| 4,4'-Methylenebis(2-chloroaniline) | 101-14-4 | 3,4 | U158 | 10 (4.54) |
| Methylene bromide | 74-95-3 | 4 | U068 | 1000 (454) |
| Methylene chloride | 75-09-2 | 2,3,4 | U080 | 1000 (454) |
| 4,4'-Methylenedianiline | 101-77-9 | 3 | ..... | 10 (4.54) |
| Methylene diphenyl diisocyanate | 101-68-8 | 3 | ..... | 5000 (2270) |
| Methyl ethyl ketone | 78-93-3 | 4 | U159 | 5000 (2270) |
| Methyl ethyl ketone peroxide | 1338-23-4 | 4 | U160 | 10 (4.54) |
| Methyl hydrazine | 60-34-4 | 3,4 | P068 | 10 (4.54) |
| Methyl iodide | 74-88-4 | 3,4 | U138 | 100 (45.4) |
| Methyl isobutyl ketone | 108-10-1 | 3,4 | U161 | 5000 (2270) |
| Methyl isocyanate | 624-83-9 | 3,4 | P064 | 10 (4.54) |
| 2-Methylacetonitrile | 75-86-5 | 1,4 | P069 | 10 (4.54) |
| Methyl mercaptan | 74-93-1 | 1,4 | U153 | 100 (45.4) |
| Methyl methacrylate | 80-62-6 | 1,3,4 | U162 | 1000 (454) |
| Methyl parathion | 298-00-0 | 1,4 | P071 | 100 (45.4) |
| 4-Methyl-2-pentanone | 108-10-1 | 3,4 | U161 | 5000 (2270) |
| Methyl tert-butyl ether | 1634-04-4 | 3 | ..... | 1000 (454) |
| Methylthiouracil | 56-04-2 | 4 | U164 | 10 (4.54) |
| Metolcarb | 1129-41-5 | 4 | P190 | 1000 (454) |
| Mevinphos | 7786-34-7 | 1 | ..... | 10 (4.54) |
| Mexacarbate | 315-18-4 | 1,4 | P128 | 1000 (454) |
| Mitomycin C | 50-07-7 | 4 | U010 | 10 (4.54) |
| MNNG | 70-25-7 | 4 | U163 | 10 (4.54) |
| Monoethylamine | 75-04-7 | 1 | ..... | 100 (45.4) |
| Monomethylamine | 74-89-5 | 1 | ..... | 100 (45.4) |
| Naled | 300-76-5 | 1 | ..... | 10 (4.54) |
| 5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy-alpha-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)- | 20830-81-3 | 4 | U059 | 10 (4.54) |
| 1-Naphthalenamine | 134-32-7 | 4 | U167 | 100 (45.4) |
| 2-Naphthalenamine | 91-59-8 | 4 | U168 | 10 (4.54) |
| Naphthalenamine, N,N'-bis(2-chloroethyl)- | 494-03-1 | 4 | U026 | 100 (45.4) |
| Naphthalene | 91-20-3 | 1,2,3,4 | U165 | 100 (45.4) |
| Naphthalene, 2-chloro- | 91-58-7 | 2,4 | U047 | 5000 (2270) |
| 1,4-Naphthalenedione | 130-15-4 | 4 | U166 | 5000 (2270) |
| 2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethyl-(1,1'-biphenyl)-4,4'-diyl)-bis(azo)]bis(5-amino-4-hydroxy)-tetrasodium salt | 72-57-1 | 4 | U236 | 10 (4.54) |
| 1-Naphthalenol, methylcarbamate | 63-25-2 | 1,3,4 | U279 | 100 (45.4) |
| Naphthenic acid | 1338-24-5 | 1 | ..... | 100 (45.4) |
| 1,4-Naphthoquinone | 130-15-4 | 4 | U166 | 5000 (2270) |
| alpha-Naphthylamine | 134-32-7 | 4 | U167 | 100 (45.4) |
| beta-Naphthylamine | 91-59-8 | 4 | U168 | 10 (4.54) |
| alpha-Naphthylthiourea | 86-88-4 | 4 | P072 | 100 (45.4) |
| NICKEL AND COMPOUNDS | N.A. | 2,3 | ..... | ** |
| Nickel ^{III} | 7440-02-0 | 2 | ..... | 100 (45.4) |
| Nickel ammonium sulfate | 15699-18-0 | 1 | ..... | 100 (45.4) |
| Nickel carbonyl Ni(CO) ₄ , (T-4)- | 13463-39-3 | 4 | P073 | 10 (4.54) |
| Nickel chloride | 7718-54-9 | 1 | ..... | 100 (45.4) |
| ..... | 37211-05-5 | ..... | ..... | ..... |
| Nickel compounds | N.A. | 2,3 | ..... | ** |
| Nickel cyanide Ni(CN) ₂ | 557-19-7 | 4 | P074 | 10 (4.54) |
| Nickel hydroxide | 12054-48-7 | 1 | ..... | 10 (4.54) |
| Nickel nitrate | 14216-75-2 | 1 | ..... | 100 (45.4) |
| Nickel sulfate | 7786-81-4 | 1 | | 100 (45.4) |
| Nicotine, & salts | 54-11-5 | 4 | P075 | 100 (45.4) |
| Nitric acid | 7697-37-2 | 1 | | 1000 (454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ¹ | Statutory code ² | RCRA waste No. | Final RQ [pounds (kg)] |
|---|--------------------|-----------------------------|----------------|------------------------|
| Nitric acid, thallium (1 +) salt | 10102-45-1 | 4 | U217 | 100 (45.4) |
| Nitric oxide | 10102-43-9 | 4 | P076 | 10 (4.54) |
| p-Nitroaniline | 100-01-6 | 4 | P077 | 5000 (2270) |
| Nitrobenzene | 98-95-3 | 1,2,3,4 | U169 | 1000 (454) |
| 4-Nitrobiphenyl | 92-93-3 | 3 | | 10 (4.54) |
| Nitrogen dioxide | 10102-44-0 | 1,4 | P078 | 10 (4.54) |
| | 10544-72-6 | | | |
| Nitrogen oxide NO | 10102-43-9 | 4 | P076 | 10 (4.54) |
| Nitrogen oxide NO ₂ | 10102-44-0 | 1,4 | P078 | 10 (4.54) |
| | 10544-72-6 | | | |
| Nitroglycerine | 55-63-0 | 4 | P081 | 10 (4.54) |
| NITROPHENOLS | 25154-55-6 | 2 | | ** |
| Nitrophenol (mixed) | 25154-55-6 | 1 | | 100 (45.4) |
| m-Nitrophenol | 554-84-7 | 1 | | 100 (45.4) |
| o-Nitrophenol | 88-75-5 | 1,2 | | 100 (45.4) |
| p-Nitrophenol | 100-02-7 | 1,2,3,4 | U170 | 100 (45.4) |
| 2-Nitrophenol | 88-75-5 | 1,2 | | 100 (45.4) |
| 4-Nitrophenol | 100-02-7 | 1,2,3,4 | U170 | 100 (45.4) |
| 2-Nitropropane | 79-46-9 | 3,4 | U171 | 10 (4.54) |
| NITROSAMINES | N.A. | 2 | | ** |
| N-Nitrosodi-n-butylamine | 924-16-3 | 4 | U172 | 10 (4.54) |
| N-Nitrosodiethanolamine | 1116-54-7 | 4 | U173 | 1 (0.454) |
| N-Nitrosodimethylamine | 55-18-5 | 4 | U174 | 1 (0.454) |
| N-Nitrosodimethylamine | 62-75-9 | 2,3,4 | P082 | 10 (4.54) |
| N-Nitrosodiphenylamine | 86-30-6 | 2 | | 100 (45.4) |
| N-Nitroso-N-ethylurea | 759-73-9 | 4 | U176 | 1 (0.454) |
| N-Nitroso-N-methylurea | 684-93-5 | 3,4 | U177 | 1 (0.454) |
| N-Nitroso-N-methylurethane | 615-53-2 | 4 | U178 | 1 (0.454) |
| N-Nitrosomethylvinylamine | 4549-40-0 | 4 | P084 | 10 (4.54) |
| N-Nitrosomorpholine | 59-89-2 | 3 | | 1 (0.454) |
| N-Nitrosopiperidine | 100-75-4 | 4 | U179 | 10 (4.54) |
| N-Nitrosopyrrolidine | 930-55-2 | 4 | U180 | 1 (0.454) |
| Nitrotoluene | 1321-12-6 | 1 | | 1000 (454) |
| m-Nitrotoluene | 99-08-1 | 1 | | 1000 (454) |
| o-Nitrotoluene | 88-72-2 | 1 | | 1000 (454) |
| p-Nitrotoluene | 99-09-0 | 1 | | 1000 (454) |
| 5-Nitro-o-toluidine | 99-55-8 | 4 | U181 | 100 (45.4) |
| Octamethylpyrophosphoramide | 152-16-9 | 4 | P085 | 100 (45.4) |
| Osmium oxide OsO ₄ , (T-4)- | 20816-12-0 | 4 | P087 | 1000 (454) |
| Osmium tetroxide | 20816-12-0 | 4 | P087 | 1000 (454) |
| 7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid | 145-73-3 | 4 | P088 | 1000 (454) |
| Oxamyl | 23135-22-0 | 4 | P194 | 100 (45.4) |
| 1,2-Oxathiolane, 2,2-dioxide | 1120-71-4 | 3,4 | U193 | 10 (4.54) |
| 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide. | 50-18-0 | 4 | U058 | 10 (4.54) |
| Oxirane | 75-21-8 | 3,4 | U115 | 10 (4.54) |
| Oxiranecarboxyaldehyde | 765-34-4 | 4 | U126 | 10 (4.54) |
| Oxirane, (chloromethyl)- | 106-89-8 | 1,3,4 | U041 | 100 (45.4) |
| Paraformaldehyde | 30525-89-4 | 1 | | 1000 (454) |
| Paraldehyde | 123-63-7 | 4 | U182 | 1000 (454) |
| Parathion | 56-38-2 | 1,3,4 | P089 | 10 (4.54) |
| PCBs | 1336-36-3 | 1,2,3 | | 1 (0.454) |
| PCNB | 82-68-8 | 3,4 | U185 | 100 (45.4) |
| Pentachlorobenzene | 608-93-5 | 4 | U183 | 10 (4.54) |
| Pentachloroethane | 76-01-7 | 4 | U184 | 10 (4.54) |
| Pentachloronitrobenzene | 82-68-8 | 3,4 | U185 | 100 (45.4) |
| Pentachlorophenol | 87-86-5 | 1,2,3,4 | See F027 | 10 (4.54) |
| 1,3-Pentadiene | 504-60-9 | 4 | U186 | 100 (45.4) |
| Perchloroethylene | 127-18-4 | 2,3,4 | U210 | 100 (45.4) |
| Phenacetin | 62-44-2 | 4 | U187 | 100 (45.4) |
| Phenanthrene | 85-01-8 | 2 | | 5000 (2270) |
| Phenol | 108-95-2 | 1,2,3,4 | U188 | 1000 (454) |
| Phenol, 2-chloro- | 95-57-8 | 2,4 | U048 | 100 (45.4) |
| Phenol, 4-chloro-3-methyl- | 59-50-7 | 2,4 | U039 | 5000 (2270) |
| Phenol, 2-cyclohexyl-4,6-dinitro- | 131-89-5 | 4 | P034 | 100 (45.4) |
| Phenol, 2,4-dichloro- | 120-83-2 | 2,4 | U081 | 100 (45.4) |
| Phenol, 2,6-dichloro- | 87-65-0 | 4 | U082 | 100 (45.4) |
| Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E) | 56-53-1 | 4 | U089 | 1 (0.454) |
| Phenol, 2,4-dimethyl- | 105-67-9 | 2,4 | U101 | 100 (45.4) |
| Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester). | 315-18-4 | 1,4 | P128 | 1000 (454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ¹ | Statutory code ¹¹ | RCRA waste No. | Final RQ [pounds (kg)] |
|--|--------------------|------------------------------|----------------|------------------------|
| Phenol, (3,5-dimethyl-4-(methylthio)-, methylcarbamate. | 2032-65-7 | 1,4 | P199 | 10 (4.54) |
| Phenol, 2,4-dinitro | 51-28-5 | 1,2,3,4 | P048 | 10 (4.54) |
| Phenol, methyl- | 1319-77-3 | 1,3,4 | U052 | 100 (45.4) |
| Phenol, 2-methyl-4,6-dinitro | 534-52-1 | 2,3,4 | P047 | 10 (4.54) |
| Phenol, 2-methyl-4,6-dinitro-, & salts | 534-52-1 | 3,4 | P047 | 10 (4.54) |
| Phenol, 2,2'-methylenebis[3,4,6- trichloro- | 70-30-4 | 4 | U132 | 100 (45.4) |
| Phenol, 2-(1-methylethoxy)-, methylcarbamate | 114-26-1 | 3,4 | U411 | 100 (45.4) |
| Phenol, 3-(1-methylethyl)-, methyl carbamate | 64-00-6 | 4 | P202 | 10 (4.54) |
| Phenol, 3-methyl-5-(1-methylethyl)-, methyl carbamate. | 2631-37-0 | 4 | P201 | 1000 (454) |
| Phenol, 2-(1-methylpropyl)-4,6-dinitro- | 88-85-7 | 4 | P020 | 1000 (454) |
| Phenol, 4-nitro- | 100-02-7 | 1,2,3,4 | U170 | 100 (45.4) |
| Phenol, pentachloro- | 87-86-5 | 1,2,3,4 | See F027 | 10 (4.54) |
| Phenol, 2,3,4,6-tetrachloro- | 58-90-2 | 4 | See F027 | 10 (4.54) |
| Phenol, 2,4,5-trichloro- | 95-95-4 | 1,3,4 | See F027 | 10 (4.54) |
| Phenol, 2,4,6-trichloro- | 88-06-2 | 1,2,3,4 | See F027 | 10 (4.54) |
| Phenol, 2,4,6-trinitro-, ammonium salt | 131-74-8 | 4 | P009 | 10 (4.54) |
| L-Phenylalanine, 4-[bis(2-chloroethyl)amino]- | 148-82-3 | 4 | U150 | 1 (0.454) |
| p-Phenylenediamine | 106-50-3 | 3 | | 5000 (2270) |
| Phenylmercury acetate | 62-38-4 | 4 | P092 | 100 (45.4) |
| Phenylthiourea | 103-85-5 | 4 | P093 | 100 (45.4) |
| Phorate | 298-02-2 | 4 | P094 | 10 (4.54) |
| Phosgene | 75-44-5 | 1,3,4 | P095 | 10 (4.54) |
| Phosphine | 7803-51-2 | 3,4 | P096 | 100 (45.4) |
| Phosphoric acid | 7664-38-2 | 1 | | 5000 (2270) |
| Phosphoric acid, diethyl 4-nitrophenyl ester | 311-45-5 | 4 | P041 | 100 (45.4) |
| Phosphoric acid, lead(2+) salt (2:3) | 7446-27-7 | 4 | U145 | 10 (4.54) |
| Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester. | 298-04-4 | 1,4 | P039 | 1 (0.454) |
| Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester. | 298-02-2 | 4 | P094 | 10 (4.54) |
| Phosphorodithioic acid, O,O-diethyl S-methyl ester ... | 3288-58-2 | 4 | U087 | 5000 (2270) |
| Phosphorodithioic acid, O,O-dimethyl S-[2(methylamino)-2-oxoethyl] ester. | 60-51-5 | 4 | P044 | 10 (4.54) |
| Phosphorofluoridic acid, bis(1-methylethyl) ester | 55-91-4 | 4 | P043 | 100 (45.4) |
| Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester. | 56-38-2 | 1,3,4 | P089 | 10 (4.54) |
| Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester .. | 297-97-2 | 4 | P040 | 100 (45.4) |
| Phosphorothioic acid, O-[4-[(dimethylamino) sulfonyl]phenyl] O,O-dimethyl ester. | 52-85-7 | 4 | P097 | 1000 (454) |
| Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl) ester. | 298-00-0 | 1,4 | P071 | 100 (45.4) |
| Phosphorus | 7723-14-0 | 1,3 | | 1 (0.454) |
| Phosphorus oxychloride | 10025-87-3 | 1 | | 1000 (454) |
| Phosphorus pentasulfide | 1314-80-3 | 1,4 | U189 | 100 (45.4) |
| Phosphorus sulfide | 1314-80-3 | 1,4 | U189 | 100 (45.4) |
| Phosphorus trichloride | 7719-12-2 | 1 | | 1000 (454) |
| Physostigmine | 57-47-6 | 4 | P204 | 100 (45.4) |
| Physostigmine salicylate | 57-64-7 | 4 | P188 | 100 (45.4) |
| PHTHALATE ESTERS | N.A. | 2 | | ** |
| Phthalic anhydride | 85-44-9 | 3,4 | U190 | 5000 (2270) |
| 2-Picoline | 109-06-8 | 4 | U191 | 5000 (2270) |
| Piperidine, 1-nitroso- | 100-75-4 | 4 | U179 | 10 (4.54) |
| Plumbane, tetraethyl- | 78-00-2 | 1,4 | P110 | 10 (4.54) |
| POLYCHLORINATED BIPHENYLS | 1336-36-3 | 1,2,3 | | 1 (0.454) |
| Polycyclic Organic Matter ⁶ | N.A. | 3 | | ** |
| POLYNUCLEAR AROMATIC HYDROCARBONS | N.A. | 2 | | ** |
| Potassium arsenate | 7784-41-0 | 1 | | 1 (0.454) |
| Potassium arsenite | 10124-50-2 | 1 | | 1 (0.454) |
| Potassium bichromate | 7778-50-9 | 1 | | 10 (4.54) |
| Potassium chromate | 7789-00-6 | 1 | | 10 (4.54) |
| Potassium cyanide K(CN) | 151-50-8 | 1,4 | P098 | 10 (4.54) |
| Potassium hydroxide | 1310-58-3 | 1 | | 1000 (454) |
| Potassium permanganate | 7722-64-7 | 1 | | 100 (45.4) |
| Potassium silver cyanide | 506-61-6 | 4 | P099 | 1 (0.454) |
| Promecarb | 2631-37-0 | 4 | P201 | 1000 (454) |
| Pronamide | 23950-58-5 | 4 | U192 | 5000 (2270) |
| Propanal, 2-methyl-2-(methyl- sulfonyl)-, O-[(methylamino)carbonyl] oxime. | 1646-88-4 | 4 | P203 | 100 (45.4) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ¹ | Statutory code ¹¹ | RCRA waste No. | Final RQ [pounds (kg)] |
|--|--------------------|------------------------------|----------------|------------------------|
| Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl]oxime. | 116-06-3 | 4 | P070 | 1 (0.454) |
| 1-Propanamine | 107-10-8 | 4 | U194 | 5000 (2270) |
| 1-Propanamine, N-propyl- | 142-84-7 | 4 | U110 | 5000 (2270) |
| 1-Propanamine, N-nitroso-N-propyl- | 621-64-7 | 2,4 | U111 | 10 (4.54) |
| Propane, 1,2-dibromo-3-chloro- | 96-12-8 | 3,4 | U066 | 1 (0.454) |
| Propane, 1,2-dichloro- | 78-87-5 | 1,2,3,4 | U083 | 1000 (454) |
| Propanedinitrile | 109-77-3 | 4 | U149 | 1000 (454) |
| Propanenitrile | 107-12-0 | 4 | P101 | 10 (4.54) |
| Propanenitrile, 3-chloro- | 542-76-7 | 4 | P027 | 1000 (454) |
| Propanenitrile, 2-hydroxy-2-methyl- | 75-86-5 | 1,4 | P069 | 10 (4.54) |
| Propane, 2-nitro- | 79-46-9 | 3,4 | U171 | 10 (4.54) |
| Propane, 2,2'-oxybis[2-chloro- | 108-60-1 | 2,4 | U027 | 1000 (454) |
| 1,3-Propane sultone | 1120-71-4 | 3,4 | U193 | 10 (4.54) |
| 1,2,3-Propanetriol, trinitrate | 55-63-0 | 4 | P081 | 10 (4.54) |
| Propanoic acid, 2-(2,4,5-trichlorophenoxy)- | 93-72-1 | 1,4 | See F027 | 100 (45.4) |
| 1-Propanol, 2,3-dibromo-, phosphate (3:1) | 126-72-7 | 4 | U235 | 10 (4.54) |
| 1-Propanol, 2-methyl- | 78-83-1 | 4 | U140 | 5000 (2270) |
| 2-Propanone | 67-64-1 | 4 | U002 | 5000 (2270) |
| 2-Propanone, 1-bromo- | 598-31-2 | 4 | P017 | 1000 (454) |
| Propargite | 2312-35-8 | 1 | | 10 (4.54) |
| Propargyl alcohol | 107-19-7 | 4 | P102 | 1000 (454) |
| 2-Propenal | 107-02-8 | 1,2,3,4 | P003 | 1 (0.454) |
| 2-Propenamide | 79-06-1 | 3,4 | U007 | 5000 (2270) |
| 1-Propene, 1,3-dichloro- | 542-75-6 | 1,2,3,4 | U084 | 100 (45.4) |
| 1-Propene, 1,1,2,3,3,3-hexachloro- | 1888-71-7 | 4 | U243 | 1000 (454) |
| 2-Propenenitrile | 107-13-1 | 1,2,3,4 | U009 | 100 (45.4) |
| 2-Propenenitrile, 2-methyl- | 126-98-7 | 4 | U152 | 1000 (454) |
| 2-Propenoic acid | 79-10-7 | 3,4 | U008 | 5000 (2270) |
| 2-Propenoic acid, ethyl ester | 140-88-5 | 3,4 | U113 | 1000 (454) |
| 2-Propenoic acid, 2-methyl-, ethyl ester | 97-63-2 | 4 | U118 | 1000 (454) |
| 2-Propenoic acid, 2-methyl-, methyl ester | 80-62-6 | 1,3,4 | U162 | 1000 (454) |
| 2-Propen-1-ol | 107-18-6 | 1,4 | P005 | 100 (45.4) |
| Propham | 122-42-9 | 4 | U373 | 1000 (454) |
| beta-Propiolactone | 57-57-8 | 3 | | 10 (4.54) |
| Propionaldehyde | 123-38-6 | 3 | | 1000 (454) |
| Propionic acid | 79-09-4 | 1 | | 5000 (2270) |
| Propionic anhydride | 123-62-6 | 1 | | 5000 (2270) |
| Propoxur (Baygon) | 114-26-1 | 3,4 | U411 | 100 (45.4) |
| n-Propylamine | 107-10-8 | 4 | U194 | 5000 (2270) |
| n-Propyl bromide (nPB) | 106-94-5 | 3 | | 1 (0.454) |
| Propylene dichloride | 78-87-5 | 1,2,3,4 | U083 | 1000 (454) |
| Propylene oxide | 75-56-9 | 1,3 | | 100 (45.4) |
| 1,2-Propylenimine | 75-55-8 | 3,4 | P067 | 1 (0.454) |
| 2-Propyn-1-ol | 107-19-7 | 4 | P102 | 1000 (454) |
| Prosulfocarb | 52888-80-9 | 4 | U387 | 5000 (2270) |
| Pyrene | 129-00-0 | 2 | | 5000 (2270) |
| Pyrethrins | 121-29-9 | 1 | | 1 (0.454) |
| | 121-21-1 | | | |
| | 8003-34-7 | | | |
| 3,6-Pyridazinedione, 1,2-dihydro- | 123-33-1 | 4 | U148 | 5000 (2270) |
| 4-Pyridinamine | 504-24-5 | 4 | P008 | 1000 (454) |
| Pyridine | 110-86-1 | 4 | U196 | 1000 (454) |
| Pyridine, 2-methyl- | 109-06-8 | 4 | U191 | 5000 (2270) |
| Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-, & salts | 54-11-5 | 4 | P075 | 100 (45.4) |
| 2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]- | 66-75-1 | 4 | U237 | 10 (4.54) |
| 4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo- | 56-04-2 | 4 | U164 | 10 (4.54) |
| Pyrrolidine, 1-nitroso- | 930-55-2 | 4 | U180 | 1 (0.454) |
| Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3aS-cis)- | 57-47-6 | 4 | P204 | 100 (45.4) |
| Quinoline | 91-22-5 | 1,3 | | 5000 (2270) |
| Quinone | 106-51-4 | 3,4 | U197 | 10 (4.54) |
| Quintobenzene | 82-68-8 | 3,4 | U185 | 100 (45.4) |
| Radionuclides (including radon) | N.A. | 3 | | § |
| Reserpine | 50-55-5 | 4 | U200 | 5000 (2270) |
| Resorcinol | 108-46-3 | 1,4 | U201 | 5000 (2270) |
| Safrole | 94-59-7 | 4 | U203 | 100 (45.4) |
| SELENIUM AND COMPOUNDS | N.A. | 2,3 | | ** |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ¹ | Statutory code ¹¹ | RCRA waste No. | Final RQ [pounds (kg)] |
|---------------------------------------|--------------------|------------------------------|----------------|------------------------|
| Selenium Compounds | N.A. | 2,3 | | ** |
| Selenious acid | 7783-00-8 | 4 | U204 | 10 (4.54) |
| Selenious acid, dithallium (1 +) salt | 12039-52-0 | 4 | P114 | 1000 (454) |
| Selenium ^{III} | 7782-49-2 | 2 | | 100 (45.4) |
| Selenium dioxide | 7746-08-4 | 1,4 | U204 | 10 (4.54) |
| Selenium oxide | 7746-08-4 | 1 | | 10 (4.54) |
| Selenium sulfide SeS ₂ | 7488-56-4 | 4 | U205 | 10 (4.54) |
| Selenourea | 630-10-4 | 4 | P103 | 1000 (454) |
| L-Serine, diazoacetate (ester) | 115-02-6 | 4 | U015 | 1 (0.454) |
| SILVER AND COMPOUNDS | N.A. | 2 | | ** |
| Silver ^{III} | 7440-22-4 | 2 | | 1000 (454) |
| Silver cyanide Ag(CN) | 506-64-9 | 4 | P104 | 1 (0.454) |
| Silver nitrate | 7761-88-8 | 1 | | 1 (0.454) |
| Silvex (2,4,5-TP) | 93-72-1 | 1,4 | See F027 | 100 (45.4) |
| Sodium | 7440-23-5 | 1 | | 10 (4.54) |
| Sodium arsenate | 7631-89-2 | 1 | | 1 (0.454) |
| Sodium arsenite | 7784-46-5 | 1 | | 1 (0.454) |
| Sodium azide | 26628-22-8 | 4 | P105 | 1000 (454) |
| Sodium bichromate | 10588-01-9 | 1 | | 10 (4.54) |
| Sodium bifluoride | 1333-83-1 | 1 | | 100 (45.4) |
| Sodium bisulfite | 7631-90-5 | 1 | | 5000 (2270) |
| Sodium chromate | 7775-11-3 | 1 | | 10 (4.54) |
| Sodium cyanide Na(CN) | 143-33-9 | 1,4 | P106 | 10 (4.54) |
| Sodium dodecylbenzenesulfonate | 25155-30-0 | 1 | | 1000 (454) |
| Sodium fluoride | 7681-49-4 | 1 | | 1000 (454) |
| Sodium hydrosulfide | 16721-80-5 | 1 | | 5000 (2270) |
| Sodium hydroxide | 1310-73-2 | 1 | | 1000 (454) |
| Sodium hypochlorite | 7681-52-9 | 1 | | 100 (45.4) |
| | 10022-70-5 | | | |
| Sodium methylate | 124-41-4 | 1 | | 1000 (454) |
| Sodium nitrite | 7632-00-0 | 1 | | 100 (45.4) |
| Sodium phosphate, dibasic | 7558-79-4 | 1 | | 5000 (2270) |
| | 10039-32-4 | | | |
| | 10140-65-5 | | | |
| Sodium phosphate, tribasic | 7601-54-9 | 1 | | 5000 (2270) |
| | 10101-89-0 | | | |
| | 10361-89-4 | | | |
| Sodium selenite | 7782-82-3 | 1 | | 100 (45.4) |
| | 10102-18-8 | | | |
| Streptozotocin | 18883-66-4 | 4 | U206 | 1 (0.454) |
| Strontium chromate | 7789-06-2 | 1 | | 10 (4.54) |
| Strychnidin-10-one, & salts | 57-24-9 | 1,4 | P108 | 10 (4.54) |
| Strychnidin-10-one, 2,3-dimethoxy- | 357-57-3 | 4 | P018 | 100 (45.4) |
| Strychnine, & salts | 57-24-9 | 1,4 | P108 | 10 (4.54) |
| Styrene | 100-42-5 | 1,3 | | 1000 (454) |
| Styrene oxide | 96-09-3 | 3 | | 100 (45.4) |
| Sulfuric acid | 7664-93-9 | 1 | | 1000 (454) |
| | 8014-95-7 | | | |
| Sulfuric acid, dimethyl ester | 77-78-1 | 3,4 | U103 | 100 (45.4) |
| Sulfuric acid, dithallium (1 +) salt | 7446-18-6 | 1,4 | P115 | 100 (45.4) |
| | 10031-59-1 | | | |
| Sulfur monochloride | 12771-08-3 | 1 | | 1000 (454) |
| Sulfur phosphide | 1314-80-3 | 1,4 | U189 | 100 (45.4) |
| 2,4,5-T | 93-76-5 | 1,4 | See F027 | 1000 (454) |
| 2,4,5-T acid | 93-76-5 | 1,4 | See F027 | 1000 (454) |
| 2,4,5-T amines | 2008-46-0 | 1 | | 5000 (2270) |
| | 1319-72-8 | | | |
| | 3813-14-7 | | | |
| | 6369-96-6 | | | |
| | 6369-97-7 | | | |
| 2,4,5-T esters | 93-79-8 | 1 | | 1000 (454) |
| | 1928-47-8 | | | |
| | 2545-59-7 | | | |
| | 25168-15-4 | | | |
| | 61792-07-2 | | | |
| 2,4,5-T salts | 13560-99-1 | 1 | | 1000 (454) |
| TCDD | 1746-01-6 | 2,3 | | 1 (0.454) |
| TDE | 72-54-8 | 1,2,4 | U060 | 1 (0.454) |
| 1,2,4,5-Tetrachlorobenzene | 95-94-3 | 4 | U207 | 5000 (2270) |
| 2,3,7,8-Tetrachlorodibenzo-p-dioxin | 1746-01-6 | 2,3 | | 1 (0.454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ^I | Statutory code ^{II} | RCRA waste No. | Final RQ [pounds (kg)] |
|--|--------------------|------------------------------|----------------|------------------------|
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 4 | U208 | 100 (45.4) |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2,3,4 | U209 | 100 (45.4) |
| Tetrachloroethylene | 127-18-4 | 2,3,4 | U210 | 100 (45.4) |
| 2,3,4,6-Tetrachlorophenol | 58-90-2 | 4 | See F027 | 10 (4.54) |
| Tetraethyl pyrophosphate | 107-49-3 | 1,4 | P111 | 10 (4.54) |
| Tetraethyl lead | 78-00-2 | 1,4 | P110 | 10 (4.54) |
| Tetraethyldithiopyrophosphate | 3689-24-5 | 4 | P109 | 100 (45.4) |
| Tetrahydrofuran | 109-99-9 | 4 | U213 | 1000 (454) |
| Tetranitromethane | 509-14-8 | 4 | P112 | 10 (4.54) |
| Tetraphosphoric acid, hexaethyl ester | 757-58-4 | 4 | P062 | 100 (45.4) |
| THALLIUM AND COMPOUNDS | N.A. | 2 | | ** |
| Thallic oxide | 1314-32-5 | 4 | P113 | 100 (45.4) |
| Thallium ^{III} | 7440-28-0 | 2 | | 1000 (454) |
| Thallium (I) acetate | 563-68-8 | 4 | U214 | 100 (45.4) |
| Thallium (I) carbonate | 6533-73-9 | 4 | U215 | 100 (45.4) |
| Thallium chloride TlCl | 7791-12-0 | 4 | U216 | 100 (45.4) |
| Thallium (I) nitrate | 10102-45-1 | 4 | U217 | 100 (45.4) |
| Thallium oxide Tl ₂ O ₃ | 1314-32-5 | 4 | P113 | 100 (45.4) |
| Thallium (I) selenite | 12039-52-0 | 4 | P114 | 1000 (454) |
| Thallium (I) sulfate | 7446-18-6 | 1,4 | P115 | 100 (45.4) |
| | 10031-59-1 | | | |
| Thioacetamide | 62-55-5 | 4 | U218 | 10 (4.54) |
| Thiodicarb | 59669-26-0 | 4 | U410 | 100 (45.4) |
| Thiodiphosphoric acid, tetraethyl ester | 3689-24-5 | 4 | P109 | 100 (45.4) |
| Thiofanox | 39196-18-4 | 4 | P045 | 100 (45.4) |
| Thioimidodicarbonic diamide [(H ₂ N)C(S)] ₂ NH | 541-53-7 | 4 | P049 | 100 (45.4) |
| Thiomethanol | 74-93-1 | 1,4 | U153 | 100 (45.4) |
| Thioperoxydicarbonic diamide [(H ₂ N)C(S)] ₂ S ₂ , tetramethyl- | 137-26-8 | 4 | U244 | 10 (4.54) |
| Thiophanate-methyl | 23564-05-8 | 4 | U409 | 10 (4.54) |
| Thiophenol | 108-98-5 | 4 | P014 | 100 (45.4) |
| Thiosemicarbazide | 79-19-6 | 4 | P116 | 100 (45.4) |
| Thiourea | 62-56-6 | 4 | U219 | 10 (4.54) |
| Thiourea, (2-chlorophenyl)- | 5344-82-1 | 4 | P026 | 100 (45.4) |
| Thiourea, 1-naphthalenyl- | 86-88-4 | 4 | P072 | 100 (45.4) |
| Thiourea, phenyl- | 103-85-5 | 4 | P093 | 100 (45.4) |
| Thiram | 137-26-8 | 4 | U244 | 10 (4.54) |
| Tirpate | 26419-73-8 | 4 | P185 | 100 (45.4) |
| Titanium tetrachloride | 7550-45-0 | 3 | | 1000 (454) |
| Toluene | 108-88-3 | 1,2,3,4 | U220 | 1000 (454) |
| Toluenediamine | 95-80-7 | 3,4 | U221 | 10 (4.54) |
| | 496-72-0 | | | |
| | 823-40-5 | | | |
| | 25376-45-8 | | | |
| 2,4-Toluene diamine | 95-80-7 | 3,4 | U221 | 10 (4.54) |
| | 496-72-0 | | | |
| | 823-40-5 | | | |
| | 25376-45-8 | | | |
| Toluene diisocyanate | 91-08-7 | 3,4 | U223 | 100 (45.4) |
| | 584-84-9 | | | |
| | 26471-62-5 | | | |
| 2,4-Toluene diisocyanate | 91-08-7 | 3,4 | U223 | 100 (45.4) |
| | 584-84-9 | | | |
| | 26471-62-5 | | | |
| o-Toluidine | 95-53-4 | 3,4 | U328 | 100 (45.4) |
| p-Toluidine | 106-49-0 | 4 | U353 | 100 (45.4) |
| o-Toluidine hydrochloride | 636-21-5 | 4 | U222 | 100 (45.4) |
| Toxaphene | 8001-35-2 | 1,2,3,4 | P123 | 1 (0.454) |
| 2,4,5-TP acid | 93-72-1 | 1,4 | See F027 | 100 (45.4) |
| 2,4,5-TP esters | 32534-95-5 | 1 | | 100 (45.4) |
| Triallate | 2303-17-5 | 4 | U389 | 100 (45.4) |
| 1H-1,2,4-Triazol-3-amine | 61-82-5 | 4 | U011 | 10 (4.54) |
| Trichlorfon | 52-68-6 | 1 | | 100 (45.4) |
| 1,2,4-Trichlorobenzene | 120-82-1 | 2,3 | | 100 (45.4) |
| 1,1,1-Trichloroethane | 71-55-6 | 2,3,4 | U226 | 1000 (454) |
| 1,1,2-Trichloroethane | 79-00-5 | 2,3,4 | U227 | 100 (45.4) |
| Trichloroethylene | 79-01-6 | 1,2,3,4 | U228 | 100 (45.4) |
| Trichloromethanesulfonyl chloride | 594-42-3 | 4 | P118 | 100 (45.4) |
| Trichloromonofluoromethane | 75-69-4 | 4 | U121 | 5000 (2270) |
| Trichlorophenol | 25167-82-2 | 1,2 | | 10 (4.54) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ¹ | Statutory code ² | RCRA waste No. | Final RQ [pounds (kg)] |
|---|--------------------------|-----------------------------|----------------|------------------------|
| 2,3,4-Trichlorophenol | 15950-66-0 | 1,2 | | 10 (4.54) |
| 2,3,5-Trichlorophenol | 933-78-8 | 1,2 | | 10 (4.54) |
| 2,3,6-Trichlorophenol | 933-75-5 | 1,2 | | 10 (4.54) |
| 2,4,5-Trichlorophenol | 95-95-4 | 1,2,3,4 | See F027 | 10 (4.54) |
| 2,4,6-Trichlorophenol | 88-06-2 | 1,2,3,4 | See F027 | 10 (4.54) |
| 3,4,5-Trichlorophenol | 609-19-8 | 1,2 | | 10 (4.54) |
| Triethanolamine dodecylbenzenesulfonate | 27323-41-7 | 1 | | 1000 (454) |
| Triethylamine | 121-44-8 | 1,3,4 | U404 | 5000 (2270) |
| Trifluralin | 1582-09-8 | 3 | | 10 (4.54) |
| Trimethylamine | 75-50-3 | 1 | | 100 (45.4) |
| 2,2,4-Trimethylpentane | 540-84-1 | 3 | | 1000 (454) |
| 1,3,5-Trinitrobenzene | 99-35-4 | 4 | U234 | 10 (4.54) |
| 1,3,5-Trioxane, 2,4,6-trimethyl- | 123-63-7 | 4 | U182 | 1000 (454) |
| Tris(2,3-dibromopropyl) phosphate | 126-72-7 | 4 | U235 | 10 (4.54) |
| Trypan blue | 72-57-1 | 4 | U236 | 10 (4.54) |
| Unlisted Hazardous Wastes Characteristic of Corrosivity. | N.A. | 4 | D002 | 100 (45.4) |
| Unlisted Hazardous Wastes Characteristic of Ignitability. | N.A. | 4 | D001 | 100 (45.4) |
| Unlisted Hazardous Wastes Characteristic of Reactivity. | N.A. | 4 | D003 | 100 (45.4) |
| Unlisted Hazardous Wastes Characteristic of Toxicity | | | | |
| Arsenic (D004) | N.A. | 4 | D004 | 1 (0.454) |
| Barium (D005) | N.A. | 4 | D005 | 1000 (454) |
| Benzene (D018) | N.A. | 1,2,3,4 | D018 | 10 (4.54) |
| Cadmium (D006) | N.A. | 4 | D006 | 10 (4.54) |
| Carbon tetrachloride (D019) | N.A. | 1,2,4 | D019 | 10 (4.54) |
| Chlordane (D020) | N.A. | 1,2,4 | D020 | 1 (0.454) |
| Chlorobenzene (D021) | N.A. | 1,2,4 | D021 | 100 (45.4) |
| Chloroform (D022) | N.A. | 1,2,4 | D022 | 10 (4.54) |
| Chromium (D007) | N.A. | 4 | D007 | 10 (4.54) |
| o-Cresol (D023) | N.A. | 4 | D023 | 100 (45.4) |
| m-Cresol (D024) | N.A. | 4 | D024 | 100 (45.4) |
| p-Cresol (D025) | N.A. | 4 | D025 | 100 (45.4) |
| Cresol (D026) | N.A. | 4 | D026 | 100 (45.4) |
| 2,4-D (D016) | N.A. | 1,4 | D016 | 100 (45.4) |
| 1,4-Dichlorobenzene (D027) | N.A. | 1,2,4 | D027 | 100 (45.4) |
| 1,2-Dichloroethane (D028) | N.A. | 1,2,4 | D028 | 100 (45.4) |
| 1,1-Dichloroethylene (D029) | N.A. | 1,2,4 | D029 | 100 (45.4) |
| 2,4-Dinitrotoluene (D030) | N.A. | 1,2,4 | D030 | 10 (4.54) |
| Endrin (D012) | N.A. | 1,4 | D012 | 1 (0.454) |
| Heptachlor (and epoxide) (D031) | N.A. | 1,2,4 | D031 | 1 (0.454) |
| Hexachlorobenzene (D032) | N.A. | 2,4 | D032 | 10 (4.54) |
| Hexachlorobutadiene (D033) | N.A. | 2,4 | D033 | 1 (0.454) |
| Hexachloroethane (D034) | N.A. | 2,4 | D034 | 100 (45.4) |
| Lead (D008) | N.A. | 4 | D008 | 10 (4.54) |
| Lindane (D013) | N.A. | 1,4 | D013 | 1 (0.454) |
| Mercury (D009) | N.A. | 4 | D009 | 1 (0.454) |
| Methoxychlor (D014) | N.A. | 1,4 | D014 | 1 (0.454) |
| Methyl ethyl ketone (D035) | N.A. | 4 | D035 | 5000 (2270) |
| Nitrobenzene (D036) | N.A. | 1,2,4 | D036 | 1000 (454) |
| Pentachlorophenol (D037) | N.A. | 1,2,4 | D037 | 10 (4.54) |
| Pyridine (D038) | N.A. | 4 | D038 | 1000 (454) |
| Selenium (D010) | N.A. | 4 | D010 | 10 (4.54) |
| Silver (D011) | N.A. | 4 | D011 | 1 (0.454) |
| Tetrachloroethylene (D039) | N.A. | 2,4 | D039 | 100 (45.4) |
| Toxaphene (D015) | N.A. | 1,4 | D015 | 1 (0.454) |
| Trichloroethylene (D040) | N.A. | 1,2,4 | D040 | 100 (45.4) |
| 2,4,5-Trichlorophenol (D041) | N.A. | 1,4 | D041 | 10 (4.54) |
| 2,4,6-Trichlorophenol (D042) | N.A. | 1,2,4 | D042 | 10 (4.54) |
| 2,4,5-TP (D017) | N.A. | 1,4 | D017 | 100 (45.4) |
| Vinyl chloride (D043) | N.A. | 2,3,4 | D043 | 1 (0.454) |
| Uracil mustard | 66-75-1 | 4 | U237 | 10 (4.54) |
| Uranyl acetate | 541-09-3 | 1 | | 100 (45.4) |
| Uranyl nitrate | 10102-06-4 36478-76-9 | 1 | | 100 (45.4) |
| Urea, N-ethyl-N-nitroso- | 759-73-9 | 4 | U176 | 1 (0.454) |
| Urea, N-methyl-N-nitroso- | 684-93-5 | 3,4 | U177 | 1 (0.454) |
| Urethane | 51-79-6 | 3,4 | U238 | 100 (45.4) |
| Vanadic acid, ammonium salt | 7803-55-6 | 4 | P119 | 1000 (454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ^I | Statutory code ^{II} | RCRA waste No. | Final RQ [pounds (kg)] |
|---|--------------------|------------------------------|----------------|------------------------|
| Vanadium oxide V2O5 | 1314-62-1 | 1,4 | P120 | 1000 (454) |
| Vanadium pentoxide | 1314-62-1 | 1,4 | P120 | 1000 (454) |
| Vanadyl sulfate | 27774-13-6 | 1 | | 1000 (454) |
| Vinyl acetate | 108-05-4 | 1,3 | | 5000 (2270) |
| Vinyl acetate monomer | 108-05-4 | 1,3 | | 5000 (2270) |
| Vinylamine, N-methyl-N-nitroso- | 4549-40-0 | 4 | P084 | 10 (4.54) |
| Vinyl bromide | 593-60-2 | 3 | | 100 (45.4) |
| Vinyl chloride | 75-01-4 | 2,3,4 | U043 | 1 (0.454) |
| Vinylidene chloride | 75-35-4 | 1,2,3,4 | U078 | 100 (45.4) |
| Warfarin, & salts | 81-81-2 | 4 | P001, U248 | 100 (45.4) |
| Xylene (mixed) | 1330-20-7 | 1,3,4 | U239 | 100 (45.4) |
| Xylenes (isomers and mixture) | 1330-20-7 | 1,3,4 | U239 | 100 (45.4) |
| Xylene | 1330-20-7 | 1,3,4 | U239 | 100 (45.4) |
| m-Xylene | 108-38-3 | 3 | | 1000 (454) |
| o-Xylene | 95-47-6 | 3 | | 1000 (454) |
| p-Xylene | 106-42-3 | 3 | | 100 (45.4) |
| Xylenol | 1300-71-6 | 1 | | 1000 (454) |
| Yohimban-16-carboxylic acid,11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester (3beta,16beta,17alpha, 18beta,20alpha). | 50-55-54 | 4 | U200 | 5000 (2270) |
| ZINC AND COMPOUNDS | N.A. | 2 | | ** |
| Zinc ^{III} | 7440-66-6 | 2 | | 1000 (454) |
| Zinc acetate | 557-34-6 | 1 | | 1000 (454) |
| Zinc ammonium chloride | 52628-25-8 | 1 | | 1000 (454) |
| | 14639-97-5 | | | |
| | 14639-98-6 | | | |
| Zinc, bis(dimethylcarbomdithioato-S,S')- | 137-30-4 | 4 | P205 | 10 (4.54) |
| Zinc borate | 1332-07-6 | 1 | | 1000 (454) |
| Zinc bromide | 7699-45-8 | 1 | | 1000 (454) |
| Zinc carbonate | 3486-35-9 | 1 | | 1000 (454) |
| Zinc chloride | 7646-85-7 | 1 | | 1000 (454) |
| Zinc cyanide Zn(CN)2 | 557-21-1 | 1,4 | P121 | 10 (4.54) |
| Zinc fluoride | 7783-49-5 | 1 | | 1000 (454) |
| Zinc formate | 557-41-5 | 1 | | 1000 (454) |
| Zinc hydrosulfite | 7779-86-4 | 1 | | 1000 (454) |
| Zinc nitrate | 7779-88-6 | 1 | | 1000 (454) |
| Zinc phenolsulfonate | 127-82-2 | 1 | | 5000 (2270) |
| Zinc phosphide Zn3P2 | 1314-84-7 | 1,4 | P122, U249 | 100 (45.4) |
| Zinc silicofluoride | 16871-71-9 | 1 | | 5000 (2270) |
| Zinc sulfate | 7733-02-0 | 1 | | 1000 (454) |
| Ziram | 137-30-4 | 4 | P205 | 10 (4.54) |
| Zirconium nitrate | 13746-89-9 | 1 | | 5000 (2270) |
| Zirconium potassium fluoride | 16923-95-8 | 1 | | 1000 (454) |
| Zirconium sulfate | 14644-61-2 | 1 | | 5000 (2270) |
| Zirconium tetrachloride | 10026-11-6 | 1 | | 5000 (2270) |
| F001—The following spent halogenated solvents used in degreasing; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the halogenated solvents listed below or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. | | 4 | F001 | 10 (4.54) |
| (a) Tetrachloroethylene | 127-18-4 | 2,3,4 | U210 | 100 (45.4) |
| (b) Trichloroethylene | 79-01-6 | 1,2,3,4 | U228 | 100 (45.4) |
| (c) Methylene chloride | 75-09-2 | 2,3,4 | U080 | 1000 (454) |
| (d) 1,1,1-Trichloroethane | 71-55-6 | 2,3,4 | U226 | 1000 (454) |
| (e) Carbon tetrachloride | 56-23-5 | 1,2,3,4 | U211 | 10 (4.54) |
| (f) Chlorinated fluorocarbons | N.A. | | | 5000 (2270) |
| F002—The following spent halogenated solvents; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the halogenated solvents listed below or those solvents listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. | | 4 | F002 | 10 (4.54) |
| (a) Tetrachloroethylene | 127-18-4 | 2,3,4 | U210 | 100 (45.4) |
| (b) Methylene chloride | 75-09-2 | 2,3,4 | U080 | 1000 (454) |
| (c) Trichloroethylene | 79-01-6 | 1,2,3,4 | U228 | 100 (45.4) |
| (d) 1,1,1-Trichloroethane | 71-55-6 | 2,3,4 | U226 | 1000 (454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ⁱ | Statutory code ⁱⁱ | RCRA waste No. | Final RQ [pounds (kg)] |
|--|--------------------|------------------------------|----------------|------------------------|
| (e) Chlorobenzene | 108-90-7 | 1,2,3,4 | U037 | 100 (45.4) |
| (f) 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1 | ..... | ..... | 5000 (2270) |
| (g) o-Dichlorobenzene | 95-50-1 | 1,2,4 | U070 | 100 (45.4) |
| (h) Trichlorofluoromethane | 75-69-4 | 4 | U121 | 5000 (2270) |
| (i) 1,1,2-Trichloroethane | 79-00-5 | 2,3,4 | U227 | 100 (45.4) |
| F003—The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents. | ..... | 4 | F003 | 100 (45.4) |
| (a) Xylene | 1330-20-7 | ..... | ..... | 1000 (454) |
| (b) Acetone | 67-64-1 | ..... | ..... | 5000 (2270) |
| (c) Ethyl acetate | 141-78-6 | ..... | ..... | 5000 (2270) |
| (d) Ethylbenzene | 100-41-4 | ..... | ..... | 1000 (454) |
| (e) Ethyl ether | 60-29-7 | ..... | ..... | 100 (45.4) |
| (f) Methyl isobutyl ketone | 108-10-1 | ..... | ..... | 5000 (2270) |
| (g) n-Butyl alcohol | 71-36-3 | ..... | ..... | 5000 (2270) |
| (h) Cyclohexanone | 108-94-1 | ..... | ..... | 5000 (2270) |
| (i) Methanol | 67-56-1 | ..... | ..... | 5000 (2270) |
| F004—The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents. | ..... | 4 | F004 | 100 (45.4) |
| (a) Cresols/Cresylic acid | 1319-77-3 | 1,3,4 | U052 | 100 (45.4) |
| (b) Nitrobenzene | 98-95-3 | 1,2,3,4 | U169 | 1000 (454) |
| F005—The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents. | ..... | 4 | F005 | 100 (45.4) |
| (a) Toluene | 108-88-3 | 1,2,3,4 | U220 | 1000 (454) |
| (b) Methyl ethyl ketone | 78-93-3 | 4 | U159 | 5000 (2270) |
| (c) Carbon disulfide | 75-15-0 | 1,3,4 | P022 | 100 (45.4) |
| (d) Isobutanol | 78-83-1 | 4 | U140 | 5000 (2270) |
| (e) Pyridine | 110-86-1 | 4 | U196 | 1000 (454) |
| F006—Wastewater treatment sludges from electroplating operations except from the following processes: (1) Sulfuric acid anodizing of aluminum, (2) tin plating on carbon steel, (3) zinc plating (segregated basis) on carbon steel, (4) aluminum or zinc-aluminum plating on carbon steel, (5) cleaning/stripping associated with tin, zinc and aluminum plating on carbon steel, and (6) chemical etching and milling of aluminum. | ..... | 4 | F006 | 10 (4.54) |
| F007—Spent cyanide plating bath solutions from electroplating operations. | ..... | 4 | F007 | 10 (4.54) |
| F008—Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process. | ..... | 4 | F008 | 10 (4.54) |
| F009—Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process. | ..... | 4 | F009 | 10 (4.54) |
| F010—Quenching bath residues from oil baths from metal heat treating operations where cyanides are used in the process. | ..... | 4 | F010 | 10 (4.54) |
| F011—Spent cyanide solutions from salt bath pot cleaning from metal heat treating operations. | ..... | 4 | F011 | 10 (4.54) |
| F012—Quenching wastewater treatment sludges from metal heat treating operations where cyanides are used in the process. | | 4 | F012 | 10 (4.54) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ⁱ | Statutory code ⁱⁱ | RCRA waste No. | Final RQ [pounds (kg)] |
|---|--------------------|------------------------------|----------------|------------------------|
| F019—Wastewater treatment sludges from the chemical conversion coating of aluminum except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process . . . Wastewater treatment sludges from the manufacturing of motor vehicles using a zinc phosphating process will not be subject to this listing at the point of generation if the wastes are not placed outside on the land prior to shipment to a landfill for disposal and are either: Disposed in a Subtitle D municipal or industrial landfill unit that is equipped with a single clay liner and is permitted, licensed or otherwise authorized by the state; or disposed in a landfill unit subject to, or otherwise meeting, the landfill requirements in § 258.40, § 264.301 or § 265.301. For the purposes of this listing, motor vehicle manufacturing is defined in § 261.31(b)(4)(i) and § 261.31(b)(4)(ii) describes the recordkeeping requirements for motor vehicle manufacturing facilities. | | 4 | F019 | 10 (4.54) |
| F020—Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- or tetrachlorophenol or of intermediates used to produce their pesticide derivatives. (This listing does not include wastes from the production of hexachlorophene from highly purified 2,4,5-trichlorophenol). | | 4 | F020 | 1 (0.454) |
| F021—Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of pentachlorophenol or of intermediates used to produce its derivatives. | | 4 | F021 | 1 (0.454) |
| F022—Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzenes under alkaline conditions. | | 4 | F022 | 1 (0.454) |
| F023—Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or a component in a formulating process) of tri- and tetrachlorophenols. (This listing does not include wastes from equipment used only for the production or use of hexachlorophene from highly purified 2,4,5-trichlorophenol). | | 4 | F023 | 1 (0.454) |
| F024—Process wastes, including but not limited to, distillation residues, heavy ends, tars, and reactor clean-out wastes, from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. (This listing does not include wastewaters, wastewater treatment sludges, spent catalysts, and wastes listed in 40 CFR 261.31 or 261.32). | | 4 | F024 | 1 (0.454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ⁱ | Statutory code ⁱⁱ | RCRA waste No. | Final RQ [pounds (kg)] |
|---|--------------------|------------------------------|----------------|------------------------|
| F025—Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. | | 4 | F025 | 1 (0.454) |
| F026—Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzene under alkaline conditions. | | 4 | F026 | 1 (0.454) |
| F027—Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing hexachlorophene synthesized from prepurified 2,4,5- trichlorophenol as the sole component). | | 4 | F027 | 1 (0.454) |
| F028—Residues resulting from the incineration or thermal treatment of soil contaminated with EPA Hazardous Waste Nos. F020, F021, F022, F023, F026, and F027. | | 4 | F028 | 1 (0.454) |
| F032—Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that currently use or have previously used chlorophenolic formulations (except potentially cross-contaminated wastes that have had the F032 waste code deleted in accordance with §261.35 of this chapter or potentially cross-contaminated wastes that are otherwise currently regulated as hazardous wastes (i.e., F034 or F035), and where the generator does not resume or initiate use of chlorophenolic formulations). This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol. | | 4 | F032 | 1 (0.454) |
| F034—Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use creosote formulations. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol. | | 4 | F034 | 1 (0.454) |
| F035—Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use inorganic preservatives containing arsenic or chromium. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol. | | 4 | F035 | 1 (0.454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ⁱ | Statutory code ⁱⁱ | RCRA waste No. | Final RQ [pounds (kg)] |
|---|--------------------|------------------------------|----------------|------------------------|
| F037—Petroleum refinery primary oil/water/solids separation sludge—Any sludge generated from the gravitational separation of oil/water/solids during the storage or treatment of process wastewaters and oily cooling wastewaters from petroleum refineries. Such sludges include, but are not limited to those generated in oil/water/solids separators; tanks and impoundments; ditches and other conveyances; sumps; and stormwater units receiving dry weather flow. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges generated in aggressive biological treatment units as defined in § 261.31(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units) and K051 wastes are not included in this listing. This listing does include residuals generated from processing or recycling oil-bearing hazardous secondary materials excluded under § 261.4(a)(12)(i), if those residuals are to be disposed of. | | 4 | F037 | 1 (0.454) |
| F038—Petroleum refinery secondary (emulsified) oil/water/solids separation sludge—Any sludge and/or float generated from the physical and/or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in: Induced air flotation (IAF) units, tanks and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges and floats generated in aggressive biological treatment units as defined in § 261.31(b)(2) (including sludges and floats generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units) and F037, K048, and K051 wastes are not included in this listing. | | 4 | F038 | 1 (0.454) |
| F039—Leachate (liquids that have percolated through land disposed wastes) resulting from the disposal of more than one restricted waste classified as hazardous under subpart D of 40 CFR part 261. (Leachate resulting from the disposal of one or more of the following EPA Hazardous Wastes and no other hazardous wastes retains its EPA Hazardous Waste Number(s): F020, F021, F022, F026, F027, and/or F028). | | 4 | F039 | 1 (0.454) |
| K001—Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol. | | 4 | K001 | 1 (0.454) |
| K002—Wastewater treatment sludge from the production of chrome yellow and orange pigments. | | 4 | K002 | 10 (4.54) |
| K003—Wastewater treatment sludge from the production of molybdate orange pigments. | | 4 | K003 | 10 (4.54) |
| K004—Wastewater treatment sludge from the production of zinc yellow pigments. | | 4 | K004 | 10 (4.54) |
| K005—Wastewater treatment sludge from the production of chrome green pigments. | | 4 | K005 | 10 (4.54) |
| K006—Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated). | | 4 | K006 | 10 (4.54) |
| K007—Wastewater treatment sludge from the production of iron blue pigments. | | 4 | K007 | 10 (4.54) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ¹ | Statutory code ¹¹ | RCRA waste No. | Final RQ [pounds (kg)] |
|--|--------------------|------------------------------|----------------|------------------------|
| K008—Oven residue from the production of chrome oxide green pigments. | | 4 | K008 | 10 (4.54) |
| K009—Distillation bottoms from the production of acetaldehyde from ethylene. | | 4 | K009 | 10 (4.54) |
| K010—Distillation side cuts from the production of acetaldehyde from ethylene. | | 4 | K010 | 10 (4.54) |
| K011—Bottom stream from the wastewater stripper in the production of acrylonitrile. | | 4 | K011 | 10 (4.54) |
| K013—Bottom stream from the acetonitrile column in the production of acrylonitrile. | | 4 | K013 | 10 (4.54) |
| K014—Bottoms from the acetonitrile purification column in the production of acrylonitrile. | | 4 | K014 | 5000 (2270) |
| K015—Still bottoms from the distillation of benzyl chloride. | | 4 | K015 | 10 (4.54) |
| K016—Heavy ends or distillation residues from the production of carbon tetrachloride. | | 4 | K016 | 1 (0.454) |
| K017—Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin. | | 4 | K017 | 10 (4.54) |
| K018—Heavy ends from the fractionation column in ethyl chloride production. | | 4 | K018 | 1 (0.454) |
| K019—Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production. | | 4 | K019 | 1 (0.454) |
| K020—Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production. | | 4 | K020 | 1 (0.454) |
| K021—Aqueous spent antimony catalyst waste from fluoromethanes production. | | 4 | K021 | 10 (4.54) |
| K022—Distillation bottom tars from the production of phenol/acetone from cumene. | | 4 | K022 | 1 (0.454) |
| K023—Distillation light ends from the production of phthalic anhydride from naphthalene. | | 4 | K023 | 5000 (2270) |
| K024—Distillation bottoms from the production of phthalic anhydride from naphthalene. | | 4 | K024 | 5000 (2270) |
| K025—Distillation bottoms from the production of nitrobenzene by the nitration of benzene. | | 4 | K025 | 10 (4.54) |
| K026—Stripping still tails from the production of methyl ethyl pyridines. | | 4 | K026 | 1000 (454) |
| K027—Centrifuge and distillation residues from toluene diisocyanate production. | | 4 | K027 | 10 (4.54) |
| K028—Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane. | | 4 | K028 | 1 (0.454) |
| K029—Waste from the product steam stripper in the production of 1,1,1-trichloroethane. | | 4 | K029 | 1 (0.454) |
| K030—Column bottoms or heavy ends from the combined production of trichloroethylene and perchloroethylene. | | 4 | K030 | 1 (0.454) |
| K031—By-product salts generated in the production of MSMA and cacodylic acid. | | 4 | K031 | 1 (0.454) |
| K032—Wastewater treatment sludge from the production of chlordane. | | 4 | K032 | 10 (4.54) |
| K033—Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane. | | 4 | K033 | 10 (4.54) |
| K034—Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane. | | 4 | K034 | 10 (4.54) |
| K035—Wastewater treatment sludges generated in the production of creosote. | | 4 | K035 | 1 (0.454) |
| K036—Still bottoms from toluene reclamation distillation in the production of disulfoton. | | 4 | K036 | 1 (0.454) |
| K037—Wastewater treatment sludges from the production of disulfoton. | | 4 | K037 | 1 (0.454) |
| K038—Wastewater from the washing and stripping of phorate production. | | 4 | K038 | 10 (4.54) |
| K039—Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate. | | 4 | K039 | 10 (4.54) |
| K040—Wastewater treatment sludge from the production of phorate. | | 4 | K040 | 10 (4.54) |
| K041—Wastewater treatment sludge from the production of toxaphene. | | 4 | K041 | 1 (0.454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ¹ | Statutory code ² | RCRA waste No. | Final RQ [pounds (kg)] |
|--|--------------------|-----------------------------|----------------|------------------------|
| K042—Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T. | | 4 | K042 | 10 (4.54) |
| K043—2,6-Dichlorophenol waste from the production of 2,4-D. | | 4 | K043 | 10 (4.54) |
| K044—Wastewater treatment sludges from the manufacturing and processing of explosives. | | 4 | K044 | 10 (4.54) |
| K045—Spent carbon from the treatment of wastewater containing explosives. | | 4 | K045 | 10 (4.54) |
| K046—Wastewater treatment sludges from the manufacturing, formulation and loading of lead-based initiating compounds. | | 4 | K046 | 10 (4.54) |
| K047—Pink/red water from TNT operations | | 4 | K047 | 10 (4.54) |
| K048—Dissolved air flotation (DAF) float from the petroleum refining industry. | | 4 | K048 | 10 (4.54) |
| K049—Slop oil emulsion solids from the petroleum refining industry. | | 4 | K049 | 10 (4.54) |
| K050—Heat exchanger bundle cleaning sludge from the petroleum refining industry. | | 4 | K050 | 10 (4.54) |
| K051—API separator sludge from the petroleum refining industry. | | 4 | K051 | 10 (4.54) |
| K052—Tank bottoms (leaded) from the petroleum refining industry. | | 4 | K052 | 10 (4.54) |
| K060—Ammonia still lime sludge from coking operations. | | 4 | K060 | 1 (0.454) |
| K061—Emission control dust/sludge from the primary production of steel in electric furnaces. | | 4 | K061 | 10 (4.54) |
| K062—Spent pickle liquor generated by steel finishing operations of facilities within the iron and steel industry (SIC Codes 331 and 332). | | 4 | K062 | 10 (4.54) |
| K069—Emission control dust/sludge from secondary lead smelting. (Note: This listing is stayed administratively for sludge generated from secondary acid scrubber systems. The stay will remain in effect until further administrative action is taken. If EPA takes further action effecting the stay, EPA will publish a notice of the action in the Federal Register). | | 4 | K069 | 10 (4.54) |
| K071—Brine purification muds from the mercury cell process in chlorine production, where separately prepurified brine is not used. | | 4 | K071 | 1 (0.454) |
| K073—Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using graphite anodes in chlorine production. | | 4 | K073 | 10 (4.54) |
| K083—Distillation bottoms from aniline production | | 4 | K083 | 100 (45.4) |
| K084—Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds. | | 4 | K084 | 1 (0.454) |
| K085—Distillation or fractionation column bottoms from the production of chlorobenzenes. | | 4 | K085 | 10 (4.54) |
| K086—Solvent washes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tubs and equipment used in the formulation of ink from pigments, driers, soaps, and stabilizers containing chromium and lead. | | 4 | K086 | 10 (4.54) |
| K087—Decanter tank tar sludge from coking operations. | | 4 | K087 | 100 (45.4) |
| K088—Spent potliners from primary aluminum reduction. | | 4 | K088 | 10 (4.54) |
| K093—Distillation light ends from the production of phthalic anhydride from ortho-xylene. | | 4 | K093 | 5000 (2270) |
| K094—Distillation bottoms from the production of phthalic anhydride from ortho-xylene. | | 4 | K094 | 5000 (2270) |
| K095—Distillation bottoms from the production of 1,1,1-trichloroethane. | | 4 | K095 | 100 (45.4) |
| K096—Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane. | | 4 | K096 | 100 (45.4) |
| K097—Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane. | | 4 | K097 | 1 (0.454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ¹ | Statutory code ² | RCRA waste No. | Final RQ [pounds (kg)] |
|--|--------------------|-----------------------------|----------------|------------------------|
| K098—Untreated process wastewater from the production of toxaphene. | | 4 | K098 | 1 (0.454) |
| K099—Untreated wastewater from the production of 2,4-D. | | 4 | K099 | 10 (4.54) |
| K100—Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting. | | 4 | K100 | 10 (4.54) |
| K101—Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds. | | 4 | K101 | 1 (0.454) |
| K102—Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds. | | 4 | K102 | 1 (0.454) |
| K103—Process residues from aniline extraction from the production of aniline. | | 4 | K103 | 100 (45.4) |
| K104—Combined wastewater streams generated from nitrobenzene/aniline production. | | 4 | K104 | 10 (4.54) |
| K105—Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes. | | 4 | K105 | 10 (4.54) |
| K106—Wastewater treatment sludge from the mercury cell process in chlorine production. | | 4 | K106 | 1 (0.454) |
| K107—Column bottoms from product separation from the production of 1,1- dimethylhydrazine (UDMH) from carboxylic acid hydrazines. | | 4 | K107 | 10 (4.54) |
| K108—Condensed column overheads from product separation and condensed reactor vent gases from the production of 1,1- dimethylhydrazine (UDMH) from carboxylic acid hydrazides. | | 4 | K108 | 10 (4.54) |
| K109—Spent filter cartridges from product purification from the production of 1,1- dimethylhydrazine (UDMH) from carboxylic acid hydrazides. | | 4 | K109 | 10 (4.54) |
| K110—Condensed column overheads from intermediate separation from the production of 1,1- dimethylhydrazine (UDMH) from carboxylic acid hydrazides. | | 4 | K110 | 10 (4.54) |
| K111—Product washwaters from the production of dinitrotoluene via nitration of toluene. | | 4 | K111 | 10 (4.54) |
| K112—Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene. | | 4 | K112 | 10 (4.54) |
| K113—Condensed liquid light ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene. | | 4 | K113 | 10 (4.54) |
| K114—Vicinals from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene. | | 4 | K114 | 10 (4.54) |
| K115—Heavy ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene. | | 4 | K115 | 10 (4.54) |
| K116—Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine. | | 4 | K116 | 10 (4.54) |
| K117—Wastewater from the reactor vent gas scrubber in the production of ethylene dibromide via bromination of ethene. | | 4 | K117 | 1 (0.454) |
| K118—Spent adsorbent solids from purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene. | | 4 | K118 | 1 (0.454) |
| K123—Process wastewater (including supernates, filtrates, and washwaters) from the production of ethylenebisdithiocarbamic acid and its salts. | | 4 | K123 | 10 (4.54) |
| K124—Reactor vent scrubber water from the production of ethylenebisdithiocarbamic acid and its salts. | | 4 | K124 | 10 (4.54) |
| K125—Filtration, evaporation, and centrifugation solids from the production of ethylenebisdithiocarbamic acid and its salts. | | 4 | K125 | 10 (4.54) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ⁱ | Statutory code ⁱⁱ | RCRA waste No. | Final RQ [pounds (kg)] |
|--|--------------------|------------------------------|----------------|------------------------|
| K126—Baghouse dust and floor sweepings in milling and packaging operations from the production or formulation of ethylenebisdithiocarbamic acid and its salts. | | 4 | K126 | 10 (4.54) |
| K131—Wastewater from the reactor and spent sulfuric acid from the acid dryer from the production of methyl bromide. | | 4 | K131 | 100 (45.4) |
| K132—Spent adsorbent and wastewater separator solids from the production of methyl bromide. | | 4 | K132 | 1000 (454) |
| K136—Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene. | | 4 | K136 | 1 (0.454) |
| K141—Process residues from the recovery of coal tar, including, but not limited to, collecting sump residues from the production of coke from coal or the recovery of coke by-products produced from coal This listing does not include K087 (decanter tank tar sludges from coking operations). | | 4 | K141 | 1 (0.454) |
| K142—Tar storage tank residues from the production of coke from coal or from the recovery of coke by-products produced from coal. | | 4 | K142 | 1 (0.454) |
| K143—Process residues from the recovery of light oil, including, but not limited to, those generated in stills, decanters, and wash oil recovery units from the recovery of coke by-products produced from coal. | | 4 | K143 | 1 (0.454) |
| K144—Wastewater sump residues from light oil refining, including, but not limited to, intercepting or contamination sump sludges from the recovery of coke by-products produced from coal. | | 4 | K144 | 1 (0.454) |
| K145—Residues from naphthalene collection and recovery operations from the recovery of coke by-products produced from coal. | | 4 | K145 | 1 (0.454) |
| K147—Tar storage tank residues from coal tar refining. | | 4 | K147 | 1 (0.454) |
| K148—Residues from coal tar distillation, including, but not limited to, still bottoms. | | 4 | K148 | 1 (0.454) |
| K149—Distillation bottoms from the production of alpha-(or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. [This waste does not include still bottoms from the distillation of benzyl chloride]. | | 4 | K149 | 10 (4.54) |
| K150—Organic residuals, excluding spent carbon adsorbent, from the spent chlorine gas and hydrochloric acid recovery processes associated with the production of alpha- (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. | | 4 | K150 | 10 (4.54) |
| K151—Wastewater treatment sludges, excluding neutralization and biological sludges, generated during the treatment of waste-waters from the production of alpha- (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. | | 4 | K151 | 10 (4.54) |
| K156—Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and decantates) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate). | | 4 | K156 | 10 (4.54) |
| K157—Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate). | | 4 | K157 | 10 (4.54) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[All comments/notes are located at the end of the table.]

| Hazardous substance | CASRN ¹ | Statutory code ^{II} | RCRA waste No. | Final RQ [pounds (kg)] |
|--|--------------------|------------------------------|----------------|------------------------|
| K158—Bag house dusts and filter/separation solids from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate). | | 4 | K158 | 10 (4.54) |
| K159—Organics from the treatment of thiocarbamate wastes. | | 4 | K159 | 10 (4.54) |
| K161—Purification solids (including filtration, evaporation, and centrifugation solids), bag-house dust and floor sweepings from the production of dithiocarbamate acids and their salts. (This listing does not include K125 or K126). | | 4 | K161 | 1 (0.454) |
| K169 ^I —Crude oil storage tank sediment from petroleum refining operations. | | 4 | K169 | 10 (4.54) |
| K170 ^I —Clarified slurry oil tank sediment and/or in-line filter/separation solids from petroleum refining operations. | | 4 | K170 | 1 (0.454) |
| K171 ^I —Spent hydrotreating catalyst from petroleum refining operations. (This listing does not include inert support media). | | 4 | K171 | 1 (0.454) |
| K172 ^I —Spent hydrorefining catalyst from petroleum refining operations. (This listing does not include inert support media). | | 4 | K172 | 1 (0.454) |
| K174 ^I | | 4 | K174 | 1 (0.454) |
| K175 ^I | | 4 | K175 | 1 (0.454) |
| K176—Baghouse filters from the production of antimony oxide, including filters from the production of intermediates (e.g., antimony metal or crude antimony oxide). | | 4 | K176 | 1 (0.454) |
| K177—Slag from the production of antimony oxide that is speculatively accumulated or disposed, including slag from the production of intermediates (e.g., antimony metal or crude antimony oxide). | | 4 | K177 | 5000 (2270) |
| K178—Residues from manufacturing and manufacturing-site storage of ferric chloride from acids formed during the production of titanium dioxide using the chloride-ilmenite process. | | 4 | K178 | 1000 (454) |
| K181—Nonwastewaters from the production of dyes and/or pigments (including nonwastewaters commingled at the point of generation with nonwastewaters from other processes) that, at the point of generation, contain mass loadings of any of the constituents identified in paragraph (c) of section 261.32 that are equal to or greater than the corresponding paragraph (c) levels, as determined on a calendar year basis. | | 4 | K181 | (##) |

¹ Provides reference to Note I to Table 302.4 to discuss the applicability of CASRNs.
^{II} Indicates the statutory source defined by 1, 2, 3, and 4, as described in the Note II to Table 302.4.
^{III} No reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is larger than 100 micrometers (0.004 inches).
^{IV} The RQ for asbestos is limited to friable forms only.
^{##} The Agency may adjust the statutory RQ for this hazardous substance in a future rulemaking; until then the statutory one-pound RQ applies.
[§] The adjusted RQs for radionuclides may be found in appendix B to this table.
^{**} Indicates that no RQ is being assigned to the generic or broad class.
^a Benzene was already a CERCLA hazardous substance prior to the CAA Amendments of 1990 and received an adjusted 10-pound RQ based on potential carcinogenicity in an August 14, 1989, final rule (54 FR 33418). The CAA Amendments specify that "benzene (including benzene from gasoline)" is a hazardous air pollutant and, thus, a CERCLA hazardous substance.
^b The CAA Amendments of 1990 list DDE (3547-04-4) as a CAA hazardous air pollutant. The CAS number, 3547-04-4, is for the chemical, p,p'-dichlorodiphenylethane. DDE or p,p'-dichlorodiphenyldichloroethylene, CAS number 72-55-9, is already listed in Table 302.4 with a final RQ of 1 pound. The substance identified by the CAS number 3547-04-4 has been evaluated and listed as DDE to be consistent with the CAA section 112 listing, as amended.
^c Includes mineral fiber emissions from facilities manufacturing or processing glass, rock, or slag fibers (or other mineral derived fibers) of average diameter 1 micrometer or less.
^d Includes mono- and di-ethers of ethylene glycol, diethylene glycol, and triethylene glycol R-(OCH₂CH₂)_n-OR' where:
n = 1, 2, or 3;
R = alkyl C7 or less; or
R = phenyl or alkyl substituted phenyl;
R' = H or alkyl C7 or less; or
OR' consisting of carboxylic acid ester, sulfate, phosphate, nitrate, or sulfonate.
^e Includes organic compounds with more than one benzene ring, and which have a boiling point greater than or equal to 100 °C.
^f See 40 CFR 302.6(b)(1) for application of the mixture rule to this hazardous waste.

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APPENDIX A TO §302.4—SEQUENTIAL CAS REGISTRY NUMBER LIST OF CERCLA HAZARDOUS SUBSTANCES

Appendix A to §302.4 lists CERCLA hazardous substances in sequential

order by CASRN and provides a per-substance grouping of regulatory synonyms (*i.e.*, names by which each hazardous substance is identified in other statutes and their implementing regulations).

| CASRN | Hazardous substance |
|---------|---|
| 50–00–0 | Formaldehyde. |
| 50–07–7 | Azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione,6-amino-8-[[aminocarbonyl]oxy]methyl]-1,1a,2,8,8a, 8b-hexahydro-8a-methoxy-5-methyl-, [1aS-(1aalpha, 8beta,8aalp,8balp)]-. |
| 50–18–0 | Mitomycin C. Cyclophosphamide. 2H–1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide. |
| 50–29–3 | Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro-]. DDT. 4,4'-DDT. |
| 50–32–8 | Benzo[a]pyrene. 3,4-Benzopyrene. |
| 50–55–5 | Reserpine. Yohimban-16-carboxylic acid,11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester (3beta, 16beta,17alpha,18beta,20alpha)-. |
| 51–28–5 | Phenol, 2,4-dinitro-. |
| 51–43–4 | 2,4-Dinitrophenol. Epinephrine. |
| 51–79–6 | 1,2-Benzenediol,4-[1-hydroxy-2-(methylamino) ethyl]-. Carbamic acid, ethyl ester. Ethyl carbamate. Urethane. |
| 52–68–6 | Trichlorfon. |
| 52–85–7 | Famphur. Phosphorothioic acid, O-[4-[(dimethylamino) sulfonyl]phenyl] O,O-dimethyl ester. |
| 53–70–3 | Dibenz[a,h]anthracene. Dibenzo[a,h]anthracene. 1,2:5,6-Dibenzanthracene. |
| 53–96–3 | Acetamide, N–9H-fluoren-2-yl-. 2-Acetylaminofluorene. |
| 54–11–5 | Nicotine, & salts. Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-, & salts. |
| 55–18–5 | Ethanamine, N-ethyl-N-nitroso-. N-Nitrosodiethylamine. |
| 55–63–0 | Nitroglycerine. 1,2,3-Propanetriol, trinitrate. |
| 55–91–4 | Diisopropylfluorophosphate (DFP). Phosphorofluoridic acid, bis(1-methylethyl) ester. |
| 56–04–2 | Methylthiouracil. 4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-. |
| 56–23–5 | Carbon tetrachloride. Methane, tetrachloro-. |
| 56–38–2 | Parathion. Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester. |
| 56–49–5 | Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-. 3-Methylcholanthrene. |
| 56–53–1 | Diethylstilbestrol. Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E). |
| 56–55–3 | Benz[a]anthracene. Benzo[a]anthracene. 1,2-Benzanthracene. |
| 56–72–4 | Coumaphos. |
| 57–14–7 | Hydrazine, 1,1-dimethyl-. 1,1-Dimethylhydrazine. |
| 57–24–9 | Strychnidin-10-one, & salts. Strychnine, & salts. |
| 57–47–6 | Physostigmine. |

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| CASRN | Hazardous substance |
|---------|---|
| 57-57-8 | Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3aS-cis)-. |
| 57-64-7 | beta-Propiolactone. Benzoic acid, 2-hydroxy-, compd. with (3aS-cis)-1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-yl methylcarbamate ester (1:1). |
| 57-74-9 | Physostigmine salicylate. Chlordane. Chlordane, alpha & gamma isomers. CHLORDANE (TECHNICAL MIXTURE AND METABOLITES). |
| 57-97-6 | 4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8- octachloro-2,3,3a,4,7,7a-hexahydro-. Benz[a]anthracene, 7,12-dimethyl-. 7,12-Dimethylbenz[a]anthracene. |
| 58-89-9 | γ-BHC. Cyclohexane, 1,2,3,4,5,6-hexachloro-(1α,2α,3β,4α,5α,6β)-. Lindane. Lindane (all isomers). |
| 58-90-2 | Phenol, 2,3,4,6-tetrachloro-. 2,3,4,6-Tetrachlorophenol. |
| 59-50-7 | p-Chloro-m-cresol. Phenol, 4-chloro-3-methyl-. |
| 59-89-2 | N-Nitrosomorpholine. |
| 60-00-4 | Ethylenediamine-tetraacetic acid (EDTA). |
| 60-11-7 | Benzenamine, N,N-dimethyl-4-(phenylazo)-. Dimethyl aminoazobenzene. p-Dimethylaminoazobenzene. |
| 60-29-7 | Ethane, 1,1'-oxybis-. Ethyl ether. |
| 60-34-4 | Hydrazine, methyl-. Methyl hydrazine. |
| 60-35-5 | Acetamide. |
| 60-51-5 | Dimethoate. Phosphorodithioic acid, O,O-dimethyl S-[2(methylamino)-2-oxoethyl] ester. |
| 60-57-1 | Dieldrin. 2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2, 2a,3,6,6a,7,7a-octahydro-, (1aalpha,2beta,2aalpha,3beta,6beta, 6aalpha,7beta, 7aalpha)-. |
| 61-82-5 | Amitrole. 1H-1,2,4-Triazol-3-amine. |
| 62-38-4 | Mercury, (acetato-O)phenyl-. Phenylmercury acetate. |
| 62-44-2 | Acetamide, N-(4-ethoxyphenyl)-. Phenacetin. |
| 62-50-0 | Ethyl methanesulfonate. Methanesulfonic acid, ethyl ester. |
| 62-53-3 | Aniline. Benzenamine. |
| 62-55-5 | Ethanethioamide. Thioacetamide. |
| 62-56-6 | Thiourea. |
| 62-73-7 | Dichlorvos. |
| 62-74-8 | Acetic acid, fluoro-, sodium salt. Fluoroacetic acid, sodium salt. |
| 62-75-9 | Methanamine, N-methyl-N-nitroso-. N-Nitrosodimethylamine. |
| 63-25-2 | Carbaryl. 1-Naphthalenol, methylcarbamate. |
| 64-00-6 | m-Cumenyl methylcarbamate. 3-Isopropylphenyl N-methylcarbamate. Phenol, 3-(1-methylethyl)-, methyl carbamate. |
| 64-18-6 | Formic acid. |
| 64-19-7 | Acetic acid. |
| 64-67-5 | Diethyl sulfate. |
| 65-85-0 | Benzoic acid. |
| 66-75-1 | Uracil mustard. 2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl) amino]-. |
| 67-56-1 | Methanol. |

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| CASRN | Hazardous substance |
|---------------|---|
| 67–64–1 | Methyl alcohol. Acetone. 2-Propanone. |
| 67–66–3 | Chloroform. Methane, trichloro-. |
| 67–72–1 | Ethane, hexachloro-. Hexachloroethane. |
| 68–12–2 | Dimethylformamide. |
| 70–25–7 | Guanidine, N-methyl-N'-nitro-N-nitroso- MNG. |
| 70–30–4 | Hexachlorophene. |
| 71–36–3 | Phenol, 2,2'-methylenebis[3,4,6-tri- chloro- n-Butyl alcohol. 1-Butanol. |
| 71–43–2 | Benzene. |
| 71–55–6 | Ethane, 1,1,1-trichloro-. Methyl chloroform. 1,1,1-Trichloroethane. |
| 72–20–8 | Endrin. Endrin, & metabolites. 2,7:3,6-Dimethanonaphth[2,3-b]oxirene,3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a- octahydro-, (1alpha,2beta,2abeta,3alpha, 6alpha,6abeta,7beta,7aalpha)-, & metabo- lites. |
| 72–43–5 | Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4- methoxy- Methoxychlor. |
| 72–54–8 | Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro- DDD. TDE. 4,4'-DDD. |
| 72–55–9 | DDE. 4,4'-DDE. |
| 72–57–1 | Trypan blue. 2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethyl-(1,1'-biphenyl)-4,4'-diyl)- bis(azo)]bis(5-amino-4-hydroxy)-tetrasodium salt. |
| 74–83–9 | Bromomethane. Methane, bromo-. Methyl bromide. |
| 74–87–3 | Chloromethane. Methane, chloro-. Methyl chloride. |
| 74–88–4 | Iodomethane. Methane, iodo-. Methyl iodide. |
| 74–89–5 | Monomethylamine. |
| 74–90–8 | Hydrocyanic acid. Hydrogen cyanide. |
| 74–93–1 | Methanethiol. Methyl mercaptan. Thiomethanol. |
| 74–95–3 | Methane, dibromo-. Methylene bromide. |
| 75–00–3 | Chloroethane. Ethyl chloride. |
| 75–01–4 | Ethene, chloro-. Vinyl chloride. |
| 75–04–7 | Monoethylamine. |
| 75–05–8 | Acetonitrile. |
| 75–07–0 | Acetaldehyde. Ethanal. |
| 75–09–2 | Dichloromethane. Methane, dichloro-. Methylene chloride. |
| 75–15–0 | Carbon disulfide. |
| 75–20–7 | Calcium carbide. |
| 75–21–8 | Ethylene oxide. |

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| CASRN | Hazardous substance |
|---------------|---|
| | Oxirane. |
| 75-25-2 | Bromoform. |
| | Methane, tribromo-. |
| 75-27-4 | Dichlorobromomethane. |
| 75-34-3 | Ethane, 1,1-dichloro-. |
| | Ethylidene dichloride. |
| | 1,1-Dichloroethane. |
| 75-35-4 | Ethene, 1,1-dichloro-. |
| | Vinylidene chloride. |
| | 1,1-Dichloroethylene. |
| 75-36-5 | Acetyl chloride. |
| 75-44-5 | Carbonic dichloride. |
| | Phosgene. |
| 75-50-3 | Trimethylamine. |
| 75-55-8 | Aziridine, 2-methyl-. |
| | 2-Methyl aziridine. |
| | 1,2-Propylenimine. |
| 75-56-9 | Propylene oxide. |
| 75-60-5 | Arsinic acid, dimethyl-. |
| | Cacodylic acid. |
| 75-64-9 | tert-Butylamine. |
| 75-69-4 | Methane, trichlorofluoro-. |
| | Trichloromonofluoromethane. |
| 75-71-8 | Dichlorodifluoromethane. |
| | Methane, dichlorodifluoro-. |
| 75-86-5 | Acetone cyanohydrin. |
| | Propanenitrile, 2-hydroxy-2-methyl-. |
| | 2-Methylacetonitrile. |
| 75-87-6 | Acetaldehyde, trichloro-. |
| | Chloral. |
| 75-99-0 | 2,2-Dichloropropionic acid. |
| 76-01-7 | Ethane, pentachloro-. |
| | Pentachloroethane. |
| 76-44-8 | Heptachlor. |
| | 4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-. |
| 77-47-4 | Hexachlorocyclopentadiene. |
| | 1,3-Cyclopentadiene, 1,2,3,4,5,5-hexa-chloro-. |
| 77-78-1 | Dimethyl sulfate. |
| | Sulfuric acid, dimethyl ester. |
| 78-00-2 | Plumbane, tetraethyl-. |
| | Tetraethyl lead. |
| 78-59-1 | Isophorone. |
| 78-79-5 | Isoprene. |
| 78-81-9 | iso-Butylamine. |
| 78-83-1 | Isobutyl alcohol. |
| | 1-Propanol, 2-methyl-. |
| 78-87-5 | Propane, 1,2-dichloro-. |
| | Propylene dichloride. |
| | 1,2-Dichloropropane. |
| 78-88-6 | 2,3-Dichloropropene. |
| 78-93-3 | 2-Butanone. |
| | MEK. |
| | Methyl ethyl ketone. |
| 78-99-9 | 1,1-Dichloropropane. |
| 79-00-5 | Ethane, 1,1,2-trichloro-. |
| | 1,1,2-Trichloroethane. |
| 79-01-6 | Ethene, trichloro-. |
| | Trichloroethylene. |
| 79-06-1 | Acrylamide. |
| | 2-Propenamide. |
| 79-09-4 | Propionic acid. |
| 79-10-7 | Acrylic acid. |
| | 2-Propenoic acid. |
| 79-11-8 | Chloroacetic acid. |
| 79-19-6 | Hydrazinecarbothioamide. |

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| CASRN | Hazardous substance |
|---------|---|
| 79-22-1 | Thiosemicarbazide. Carbonochloridic acid, methyl ester. Methyl chlorocarbonate. |
| 79-31-2 | iso-Butyric acid. |
| 79-34-5 | Ethane, 1,1,2,2-tetrachloro-. |
| 79-44-7 | 1,1,2,2-Tetrachloroethane. Carbamic chloride, dimethyl-. |
| 79-46-9 | Dimethylcarbamoyl chloride. Propane, 2-nitro-. |
| 80-15-9 | 2-Nitropropane. alpha,alpha-Dimethylbenzylhydroperoxide. |
| 80-62-6 | Hydroperoxide, 1-methyl-1-phenylethyl-. |
| 81-81-2 | Methyl methacrylate. 2-Propenoic acid, 2-methyl-, methyl ester. |
| 82-68-8 | Warfarin, & salts. 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts. |
| 83-32-9 | Benzene, pentachloronitro-. |
| 84-66-2 | PCNB. Pentachloronitrobenzene. |
| 84-74-2 | Quintobenzene. Acenaphthene. |
| 85-00-7 | Diethyl phthalate. 1,2-Benzenedicarboxylic acid, diethyl ester. |
| 85-01-8 | Di-n-butyl phthalate. Dibutyl phthalate. |
| 85-44-9 | n-Butyl phthalate. 1,2-Benzenedicarboxylic acid, dibutyl ester. |
| 85-68-7 | Diquat. Phenanthrene. |
| 86-30-6 | Phthalic anhydride. 1,3-Isobenzofurandione. |
| 86-50-0 | Butyl benzyl phthalate. |
| 86-73-7 | N-Nitrosodiphenylamine. |
| 86-88-4 | Guthion. Fluorene. |
| 87-65-0 | alpha-Naphthylthiourea. Thiourea, 1-naphthalenyl-. |
| 87-68-3 | Phenol, 2,6-dichloro-. |
| 87-86-5 | 2,6-Dichlorophenol. Hexachlorobutadiene. |
| 88-06-2 | 1,3-Butadiene, 1,1,2,3,4,4-hexachloro-. |
| 88-72-2 | Pentachlorophenol. Phenol, pentachloro-. |
| 88-75-5 | Phenol, 2,4,6-trichloro-. |
| 88-85-7 | 2,4,6-Trichlorophenol. o-Nitrotoluene. |
| 90-04-0 | o-Nitrophenol. |
| 91-08-7 | 2-Nitrophenol. Dinoseb. |
| 91-20-3 | Phenol, 2-(1-methylpropyl)-4,6-dinitro-. |
| 91-22-5 | o-Anisidine. |
| 91-58-7 | Benzene, 1,3-diisocyanatomethyl-. |
| 91-59-8 | Toluene diisocyanate. 2,4-Toluene diisocyanate. |
| 91-66-7 | Naphthalene. |
| 91-80-5 | Quinoline. |
| 91-94-1 | beta-Chloronaphthalene. Naphthalene, 2-chloro-. |
| | 2-Chloronaphthalene. |
| | beta-Naphthylamine. |
| | 2-Naphthalenamine. |
| | N,N-Diethylaniline. |
| | Methapyrilene. |
| | 1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'- (2-thienylmethyl)-. |
| | [1,1'-Biphenyl]-4,4'-diamine,3,3'-dichloro-. |

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| CASRN | Hazardous substance |
|---------------|--|
| 92-52-4 | 3,3'-Dichlorobenzidine. |
| 92-67-1 | Biphenyl. |
| 92-87-5 | 4-Aminobiphenyl. |
| 92-93-3 | Benzidine. [1,1'-Biphenyl]-4,4'-diamine. |
| 93-76-5 | 4-Nitrobiphenyl. |
| 93-72-1 | Propanoic acid, 2-(2,4,5-trichlorophenoxy)-. Silvex (2,4,5-TP). 2,4,5-TP acid. |
| 93-79-8 | Acetic acid, (2,4,5-trichlorophenoxy)-. |
| 94-11-1 | 2,4,5-T. |
| 94-58-6 | 2,4,5-T acid. |
| 94-59-7 | 2,4,5-T esters. |
| 94-79-1 | 2,4-D Ester. |
| 94-80-4 | Dihydrosafrole. |
| 95-47-6 | 1,3-Benzodioxole, 5-propyl-. |
| 95-48-7 | Safrole. |
| 95-50-1 | 1,3-Benzodioxole, 5-(2-propenyl)-. |
| 95-53-4 | 2,4-D Ester. |
| 95-57-8 | 2,4-D Ester. |
| 95-80-7 | o-Xylene. |
| 95-94-3 | o-Cresol. |
| 95-95-4 | Benzene, 1,2-dichloro-. |
| 96-09-3 | o-Dichlorobenzene. |
| 96-12-8 | 1,2-Dichlorobenzene. |
| 96-45-7 | Benzenamine, 2-methyl-. |
| 97-63-2 | o-Toluidine. |
| 98-01-1 | o-Chlorophenol. |
| 98-07-7 | Phenol, 2-chloro-. |
| 98-09-9 | 2-Chlorophenol. |
| 98-82-8 | Benzenediamine, ar-methyl-. |
| 98-86-2 | Toluenediamine. |
| 98-87-3 | 2,4-Toluene diamine. |
| 98-88-4 | Benzene, 1,2,4,5-tetrachloro-. |
| 98-95-3 | 1,2,4,5-Tetrachlorobenzene. |
| 99-08-1 | Phenol, 2,4,5-trichloro-. |
| 99-35-4 | 2,4,5-Trichlorophenol. |
| 99-55-8 | Styrene oxide. |
| 99-65-0 | Propane, 1,2-dibromo-3-chloro-. |
| | 1,2-Dibromo-3-chloropropane. |
| | Ethylenethiourea. |
| | 2-Imidazolidinethione. |
| | Ethyl methacrylate. |
| | 2-Propenoic acid, 2-methyl-, ethyl ester. |
| | Furfural. |
| | 2-Furancarboxaldehyde. |
| | Benzene, (trichloromethyl)-. |
| | Benzotrichloride. |
| | Benzenesulfonic acid chloride. |
| | Benzenesulfonyl chloride. |
| | Benzene, (1-methylethyl)-. |
| | Cumene. |
| | Acetophenone. |
| | Ethanone, 1-phenyl-. |
| | Benzal chloride. |
| | Benzene, (dichloromethyl)-. |
| | Benzoyl chloride. |
| | Benzene, nitro-. |
| | Nitrobenzene. |
| | m-Nitrotoluene. |
| | Benzene, 1,3,5-trinitro-. |
| | 1,3,5-Trinitrobenzene. |
| | Benzenamine, 2-methyl-5-nitro-. |
| | 5-Nitro-o-toluidine. |
| | m-Dinitrobenzene. |

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| CASRN | Hazardous substance |
|----------------|---|
| 99-99-0 | p-Nitrotoluene. |
| 100-01-6 | Benzenamine, 4-nitro-. |
| | p-Nitroaniline. |
| 100-02-7 | p-Nitrophenol. |
| | Phenol, 4-nitro-. |
| | 4-Nitrophenol. |
| 100-25-4 | p-Dinitrobenzene. |
| 100-41-4 | Ethylbenzene. |
| 100-42-5 | Styrene. |
| 100-44-7 | Benzene, (chloromethyl)-. |
| | Benzyl chloride. |
| 100-47-0 | Benzonitrile. |
| 100-75-4 | N-Nitrosopiperidine. |
| | Piperidine, 1-nitroso-. |
| 101-14-4 | Benzenamine, 4,4'-methylenebis[2-chloro-. |
| | 4,4'-Methylenebis(2-chloroaniline). |
| 101-27-9 | Barban. |
| | Carbamic acid, (3-chlorophenyl)-, 4-chloro-2-butynyl ester. |
| 101-55-3 | Benzene, 1-bromo-4-phenoxy-. |
| | 4-Bromophenyl phenyl ether. |
| 101-68-8 | MDI. |
| | Methylene diphenyl diisocyanate. |
| 101-77-9 | 4,4'-Methylenedianiline. |
| 103-85-5 | Phenylthiourea. |
| | Thiourea, phenyl-. |
| 105-46-4 | sec-Butyl acetate. |
| 105-67-9 | Phenol, 2,4-dimethyl-. |
| | 2,4-Dimethylphenol. |
| 106-42-3 | p-Xylene. |
| 106-44-5 | p-Cresol. |
| 106-46-7 | Benzene, 1,4-dichloro-. |
| | p-Dichlorobenzene. |
| | 1,4-Dichlorobenzene. |
| 106-47-8 | Benzenamine, 4-chloro-. |
| | p-Chloroaniline. |
| 106-49-0 | Benzenamine, 4-methyl-. |
| | p-Toluidine. |
| 106-50-3 | p-Phenylenediamine. |
| 106-51-4 | p-Benzoquinone. |
| | 2,5-Cyclohexadiene-1,4-dione. |
| | Quinone. |
| 106-88-7 | 1,2-Epoxybutane. |
| 106-89-8 | 1-Chloro-2,3-epoxypropane. |
| | Epichlorohydrin. |
| | Oxirane, (chloromethyl)-. |
| 106-93-4 | Dibromoethane. |
| | Ethane, 1,2-dibromo-. |
| | Ethylene dibromide. |
| 106-94-5 | 1-Bromopropane (BP). |
| | n-Propyl bromide (nPB). |
| 106-99-0 | 1,3-Butadiene. |
| 107-02-8 | Acrolein. |
| | 2-Propenal. |
| 107-05-1 | Allyl chloride. |
| 107-06-2 | Ethane, 1,2-dichloro-. |
| | Ethylene dichloride. |
| | 1,2-Dichloroethane. |
| 107-10-8 | n-Propylamine. |
| | 1-Propanamine. |
| 107-12-0 | Ethyl cyanide. |
| | Propanenitrile. |
| 107-13-1 | Acrylonitrile. |
| | 2-Propenenitrile. |
| 107-15-3 | Ethylenediamine. |
| 107-18-6 | Allyl alcohol. |

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| CASRN | Hazardous substance |
|----------|---|
| 107-19-7 | 2-Propen-1-ol. Propargyl alcohol. 2-Propyn-1-ol. |
| 107-20-0 | Acetaldehyde, chloro-. Chloroacetaldehyde. |
| 107-21-1 | Ethylene glycol. |
| 107-30-2 | Chloromethyl methyl ether. Methane, chloromethoxy-. |
| 107-49-3 | Diphosphoric acid, tetraethyl ester. Tetraethyl pyrophosphate. |
| 107-92-6 | Butyric acid. |
| 108-05-4 | Vinyl acetate. Vinyl acetate monomer. |
| 108-10-1 | Hexone. Methyl isobutyl ketone. 4-Methyl-2-pentanone. |
| 108-24-7 | Acetic anhydride. |
| 108-31-6 | Maleic anhydride. 2,5-Furandione. |
| 108-38-3 | m-Xylene. |
| 108-39-4 | m-Cresol. |
| 108-46-3 | Resorcinol. 1,3-Benzenediol. |
| 108-60-1 | Dichloroisopropyl ether. Propane, 2,2'-oxybis[2-chloro-. |
| 108-88-3 | Benzene, methyl-. Toluene. |
| 108-90-7 | Benzene, chloro-. Chlorobenzene. |
| 108-94-1 | Cyclohexanone. |
| 108-95-2 | Phenol. |
| 108-98-5 | Benzenethiol. Thiophenol. |
| 109-06-8 | Pyridine, 2-methyl-. 2-Picoline. |
| 109-73-9 | Butylamine. |
| 109-77-3 | Malononitrile. Propanedinitrile. |
| 109-89-7 | Diethylamine. |
| 109-99-9 | Furan, tetrahydro-. Tetrahydrofuran. |
| 110-00-9 | Furan. Furfuran. |
| 110-16-7 | Maleic acid. |
| 110-17-8 | Fumaric acid. |
| 110-19-0 | iso-Butyl acetate. |
| 110-54-3 | Hexane. |
| 110-75-8 | Ethene, (2-chloroethoxy)-. 2-Chloroethyl vinyl ether. |
| 110-80-5 | Ethanol, 2-ethoxy-. Ethylene glycol monoethyl ether. |
| 110-82-7 | Benzene, hexahydro-. Cyclohexane. |
| 110-86-1 | Pyridine. |
| 111-42-2 | Diethanolamine. |
| 111-44-4 | Bis(2-chloroethyl) ether. Dichloroethyl ether. |
| 111-54-6 | Ethane, 1,1'-oxybis[2-chloro-. Carbamodithioic acid, 1,2-ethanediybis-, salts & esters. Ethylenebisdithiocarbamic acid, salts & esters. |
| 111-91-1 | Bis(2-chloroethoxy) methane. Dichloromethoxy ethane. |
| 114-26-1 | Ethane, 1,1'-[methylenebis(oxy)]bis(2-chloro-. Phenol, 2-(1-methylethoxy)-, methylcarbamate. Propoxur (Baygon). |

| CASRN | Hazardous substance |
|----------------|--|
| 115–02–6 | Azaserine. |
| 115–29–7 | L-Serine, diazoacetate (ester). Endosulfan. |
| 115–32–2 | 6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-, 3-oxide. |
| 116–06–3 | Dicofol. |
| 117–80–6 | Aldicarb. |
| 117–81–7 | Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl]oxime. Dichlone. |
| 117–84–0 | 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester. Bis(2-ethylhexyl)phthalate. DEHP. Diethylhexyl phthalate. |
| 118–74–1 | Di-n-octyl phthalate. 1,2-Benzenedicarboxylic acid, dioctyl ester. |
| 119–38–0 | Benzene, hexachloro-. Hexachlorobenzene. |
| 119–90–4 | Carbamic acid, dimethyl-, 3-methyl-1-(1-methylethyl)-1H-pyrazol-5-yl ester. Isolan. |
| 119–93–7 | [1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethoxy-. 3,3'-Dimethoxybenzidine. |
| 120–12–7 | [1,1'-Biphenyl]-4,4'-diamine,3,3'- dimethyl-. 3,3'-Dimethylbenzidine. |
| 120–58–1 | Anthracene. |
| 120–80–9 | Isosafrole. |
| 120–82–1 | 1,3-Benzodioxole, 5-(1-propenyl)-. Catechol. |
| 120–83–2 | 1,2,4-Trichlorobenzene. |
| 121–14–2 | Phenol, 2,4-dichloro-. 2,4-Dichlorophenol. |
| 121–21–1 | Benzene, 1-methyl-2,4-dinitro-. 2,4-Dinitrotoluene. |
| 121–29–9 | Pyrethrins. |
| 121–44–8 | Pyrethrins. |
| 121–69–7 | Ethanamine, N,N-diethyl-. Triethylamine. |
| 121–75–5 | N,N-Dimethylaniline. |
| 122–09–8 | Malathion. |
| 122–42–9 | alpha,alpha-Dimethylphenethylamine. Benzeneethanamine, alpha,alpha-dimethyl-. Carbamic acid, phenyl-, 1-methylethyl ester. Propham. |
| 122–66–7 | Hydrazine, 1,2-diphenyl-. 1,2-Diphenylhydrazine. |
| 123–31–9 | Hydroquinone. |
| 123–33–1 | Maleic hydrazide. |
| 123–38–6 | 3,6-Pyridazinedione, 1,2-dihydro-. |
| 123–62–6 | Propionaldehyde. |
| 123–63–7 | Propionic anhydride. |
| 123–73–9 | Paraldehyde. 1,3,5-Trioxane, 2,4,6-trimethyl-. |
| 123–86–4 | Crotonaldehyde. |
| 123–91–1 | 2-Butenal. |
| 124–04–9 | Butyl acetate. |
| 124–40–3 | 1,4-Diethyleneoxide. 1,4-Dioxane. |
| 124–41–4 | iso-Amyl acetate. |
| 124–48–1 | Adipic acid. |
| 126–72–7 | Dimethylamine. Methanamine, N-methyl-. |
| 126–98–7 | Sodium methylate. Chlorodibromomethane. |
| | Tris(2,3-dibromopropyl) phosphate. |
| | 1-Propanol, 2,3-dibromo-, phosphate (3:1). |
| | Methacrylonitrile. |

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| CASRN | Hazardous substance |
|----------------|---|
| 126-99-8 | 2-Propenenitrile, 2-methyl-. |
| 127-18-4 | Chloroprene. |
| 127-82-2 | Ethene, tetrachloro-. |
| 129-00-0 | Perchloroethylene. |
| 130-15-4 | Tetrachloroethylene. |
| 131-11-3 | Zinc phenolsulfonate. |
| 131-74-8 | Pyrene. |
| 131-89-5 | 1,4-Naphthalenedione. |
| 132-64-9 | 1,4-Naphthoquinone. |
| 133-06-2 | Dimethyl phthalate. |
| 133-90-4 | 1,2-Benzenedicarboxylic acid, dimethyl ester. |
| 134-32-7 | Ammonium picrate. |
| 137-26-8 | Phenol, 2,4,6-trinitro-, ammonium salt. |
| 137-30-4 | Phenol, 2-cyclohexyl-4,6-dinitro-. |
| 140-88-5 | 2-Cyclohexyl-4,6-dinitrophenol. |
| 141-78-6 | Dibenzofuran. |
| 142-28-9 | Captan. |
| 142-71-2 | Chloramben. |
| 142-84-7 | alpha-Naphthylamine. |
| 143-33-9 | 1-Naphthalenamine. |
| 143-50-0 | Thioperoxydicarbonic diamide ((H2N)C(S))2S2, tetramethyl-. |
| 144-82-3 | Thiram. |
| 145-73-3 | Zinc, bis(dimethylcarbamodithioato-S,S')-. |
| 148-82-3 | Ziram. |
| 151-50-8 | Ethyl acrylate. |
| 151-56-4 | 2-Propenoic acid, ethyl ester. |
| 152-16-9 | Acetic acid, ethyl ester. |
| 156-60-5 | Ethyl acetate. |
| 189-55-9 | 1,3-Dichloropropane. |
| 191-24-2 | Cupric acetate. |
| 193-39-5 | Dipropylamine. |
| 205-99-2 | 1-Propanamine, N-propyl-. |
| 206-44-0 | Sodium cyanide Na(CN). |
| 207-08-9 | Kepone. |
| 208-96-8 | 1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5a,5b,6-decachlorooctahydro-. |
| 218-01-9 | Endothall. |
| 225-51-4 | 7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid. |
| 229-97-2 | L-Phenylalanine, 4-[bis(2-chloroethyl)amino]-. |
| 297-97-2 | Melphalan. |
| 298-00-0 | Potassium cyanide K(CN). |
| 298-02-2 | Aziridine. |
| 298-04-4 | Ethylenimine. |
| 298-05-2 | Diphosphoramidate, octamethyl-. |
| 298-06-2 | Octamethylpyrophosphoramidate. |
| 298-07-2 | Ethene, 1,2-dichloro- (E). |
| 298-08-2 | 1,2-Dichloroethylene. |
| 298-09-2 | Calcium cyanamide. |
| 298-10-2 | Benzo[rs]pentaphene. |
| 298-11-2 | Dibenzo[a,i]pyrene. |
| 298-12-2 | Benzo[ghi]perylene. |
| 298-13-2 | Indeno(1,2,3-cd)pyrene. |
| 298-14-2 | Benzo[b]fluoranthene. |
| 298-15-2 | Fluoranthene. |
| 298-16-2 | Benzo(k)fluoranthene. |
| 298-17-2 | Acenaphthylene. |
| 298-18-2 | Chrysene. |
| 298-19-2 | Benz[c]acridine. |
| 298-20-2 | O, O-Diethyl O-pyrazinyl phosphorothioate. |
| 298-21-2 | Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester. |
| 298-22-2 | Methyl parathion. |
| 298-23-2 | Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl) ester. |
| 298-24-2 | Phorate. |
| 298-25-2 | Phosphorodithioic acid, O,O-diethyl S-[(ethylthio) methyl] ester. |
| 298-26-2 | Disulfoton. |

| CASRN | Hazardous substance |
|----------------|--|
| 300–76–5 | Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester. |
| 301–04–2 | Naled. |
| 302–01–2 | Acetic acid, lead(2 +) salt. |
| 303–34–4 | Lead acetate. |
| 305–03–3 | Hydrazine. |
| 309–00–2 | Lasiocarpine. |
| 311–45–5 | 2-Butenoic acid, 2-methyl-, 7-[[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy]methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester, [1S-[1alpha(Z),7(2S*,3R*), 7alpha]]-. |
| 315–18–4 | Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]-. |
| 319–84–6 | Chlorambucil. |
| 319–85–7 | Aldrin. |
| 319–86–8 | 1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4beta,5alpha,8alpha, 8beta)-. |
| 329–71–5 | Diethyl-p-nitrophenyl phosphate. |
| 330–54–1 | Phosphoric acid, diethyl 4-nitrophenyl ester. |
| 333–41–5 | Mexacarbate. |
| 334–88–3 | Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester). |
| 353–50–4 | alpha—BHC. |
| 357–57–3 | beta—BHC. |
| 460–19–5 | delta—BHC. |
| 463–58–1 | 2,5-Dinitrophenol. |
| 465–73–6 | Diuron. |
| 492–80–8 | Diazinon. |
| 494–03–1 | Diazomethane. |
| 496–72–0 | Carbon oxyfluoride. |
| 504–24–5 | Carbonic difluoride. |
| 504–60–9 | Brucine. |
| 506–61–6 | Strychnidin-10-one, 2,3-dimethoxy-. |
| 506–64–9 | Cyanogen. |
| 506–68–3 | Ethanedinitrile. |
| 506–77–4 | Carbonyl sulfide. |
| 506–87–6 | Isodrin. |
| 506–96–7 | 1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4beta,5beta,8beta, 8beta)-. |
| 509–14–8 | Auramine. |
| 510–15–6 | Benzenamine, 4,4'-carbonimidoylbis[N,N-dimethyl]-. |
| 513–49–5 | Chlornaphazine. |
| 528–29–0 | Naphthalenamine, N,N'-bis(2-chloroethyl)-. |
| 532–27–4 | Benzenediamine, ar-methyl-. |
| 534–52–1 | Toluenediamine. |
| 540–73–8 | 2,4-Toluene diamine. |
| | 4-Aminopyridine. |
| | 4-Pyridinamine. |
| | 1-Methylbutadiene. |
| | 1,3-Pentadiene. |
| | Argentate(1-), bis(cyano-C)-, potassium. |
| | Potassium silver cyanide. |
| | Silver cyanide Ag(CN). |
| | Cyanogen bromide (CN)Br. |
| | Cyanogen chloride (CN)Cl. |
| | Ammonium carbonate. |
| | Acetyl bromide. |
| | Methane, tetranitro-. |
| | Tetranitromethane. |
| | Benzeneacetic acid, 4-chloro- α - (4-chlorophenyl)- α -hydroxy-, ethyl ester. |
| | Chlorobenzilate. |
| | sec-Butylamine. |
| | o-Dinitrobenzene. |
| | 2-Chloroacetophenone. |
| | 4,6-Dinitro-o-cresol. |
| | 4,6-Dinitro-o-cresol, and salts. |
| | Phenol, 2-methyl-4,6-dinitro-. |
| | Phenol, 2-methyl-4,6-dinitro-, & salts. |
| | Hydrazine, 1,2-dimethyl-. |

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| CASRN | Hazardous substance |
|----------------|---|
| | 1,2-Dimethylhydrazine. |
| 540-84-1 | 2,2,4-Trimethylpentane. |
| 540-88-5 | tert-Butyl acetate. |
| 541-09-3 | Uranyl acetate. |
| 541-53-7 | Dithiobiuret. |
| | Thioimidodicarbonic diamide [(H ₂ N)C(S)] ₂ NH. |
| 541-73-1 | Benzene, 1,3-dichloro-. |
| | m-Dichlorobenzene. |
| | 1,3-Dichlorobenzene. |
| 542-62-1 | Barium cyanide. |
| 542-75-6 | 1-Propene, 1,3-dichloro-. |
| | 1,3-Dichloropropene. |
| 542-76-7 | Propanenitrile, 3-chloro-. |
| | 3-Chloropropionitrile. |
| 542-88-1 | Bis(chloromethyl)ether. |
| | Dichloromethyl ether. |
| | Methane, oxybis(chloro-. |
| 543-90-8 | Cadmium acetate. |
| 544-18-3 | Cobaltous formate. |
| 544-92-3 | Copper cyanide Cu(CN). |
| 554-84-7 | m-Nitrophenol. |
| 557-19-7 | Nickel cyanide Ni(CN) ₂ . |
| 557-21-1 | Zinc cyanide Zn(CN) ₂ . |
| 557-34-6 | Zinc acetate. |
| 557-41-5 | Zinc formate. |
| 563-12-2 | Ethion. |
| 563-68-8 | Acetic acid, thallium(1 +) salt. |
| | Thallium(I) acetate. |
| 573-56-8 | 2,6-Dinitrophenol. |
| 584-84-9 | Benzene, 1,3-diisocyanatomethyl-. |
| | Toluene diisocyanate. |
| | 2,4-Toluene diisocyanate. |
| 591-08-2 | Acetamide, N-(aminothioxomethyl)-. |
| | 1-Acetyl-2-thiourea. |
| 592-01-8 | Calcium cyanide Ca(CN) ₂ . |
| 592-04-1 | Mercuric cyanide. |
| 592-85-8 | Mercuric thiocyanate. |
| 592-87-0 | Lead thiocyanate. |
| 593-60-2 | Vinyl bromide. |
| 594-42-3 | Methanesulfonyl chloride, trichloro-. |
| | Trichloromethanesulfonyl chloride. |
| 598-31-2 | Bromoacetone. |
| | 2-Propanone, 1-bromo-. |
| 606-20-2 | Benzene, 2-methyl-1,3-dinitro-. |
| | 2,6-Dinitrotoluene. |
| 608-73-1 | HEXACHLOROCYCLOHEXANE (all isomers). |
| 608-93-5 | Benzene, pentachloro-. |
| | Pentachlorobenzene. |
| 609-19-8 | 3,4,5-Trichlorophenol. |
| 610-39-9 | 3,4-Dinitrotoluene. |
| 615-53-2 | Carbamic acid, methylnitroso-, ethyl ester. |
| | N-Nitroso-N-methylurethane. |
| 621-64-7 | Di-n-propylnitrosamine. |
| | 1-Propanamine, N-nitroso-N-propyl-. |
| 624-83-9 | Methane, isocyanato-. |
| | Methyl isocyanate. |
| 625-16-1 | tert-Amyl acetate. |
| 626-38-0 | sec-Amyl acetate. |
| 628-63-7 | Amyl acetate. |
| 628-86-4 | Fulminic acid, mercury(2 +) salt. |
| | Mercury fulminate. |
| 630-10-4 | Selenourea. |
| 630-20-6 | Ethane, 1,1,1,2-tetrachloro-. |
| | 1,1,1,2-Tetrachloroethane. |
| 631-61-8 | Ammonium acetate. |

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| CASRN | Hazardous substance |
|-----------------|--|
| 636–21–5 | Benzenamine, 2-methyl-, hydrochloride. o-Toluidine hydrochloride. |
| 640–19–7 | Acetamide, 2-fluoro-. Fluoroacetamide. |
| 644–64–4 | Carbamic acid, dimethyl-, 1-[(dimethyl-amino)carbonyl]-5-methyl-1H-pyrazol-3-yl ester. Dimetilan. |
| 680–31–9 | Hexamethylphosphoramide. |
| 684–93–5 | N-Nitroso-N-methylurea. Urea, N-methyl-N-nitroso-. |
| 692–42–2 | Arsine, diethyl-. Diethylarsine. |
| 696–28–6 | Arsonous dichloride, phenyl-. Dichlorophenylarsine. |
| 757–58–4 | Hexaethyl tetraphosphate. Tetraphosphoric acid, hexaethyl ester. |
| 759–73–9 | N-Nitroso-N-ethylurea. Urea, N-ethyl-N-nitroso-. |
| 764–41–0 | 1,4-Dichloro-2-butene. 2-Butene, 1,4-dichloro-. |
| 765–34–4 | Glycidylaldehyde. Oxiranecarboxyaldehyde. |
| 815–82–7 | Cupric tartrate. |
| 822–06–0 | Hexamethylene-1,6-diisocyanate. |
| 823–40–5 | Benzenediamine, ar-methyl-. Toluenediamine. 2,4-Toluene diamine. |
| 924–16–3 | N-Nitrosodi-n-butylamine. 1-Butanamine, N-butyl-N-nitroso-. |
| 930–55–2 | N-Nitrosopyrrolidine. Pyrrolidine, 1-nitroso-. |
| 933–75–5 | 2,3,6-Trichlorophenol. |
| 933–78–8 | 2,3,5-Trichlorophenol. |
| 959–98–8 | alpha-Endosulfan. |
| 1024–57–3 | Heptachlor epoxide. |
| 1031–07–8 | Endosulfan sulfate. |
| 1066–30–4 | Chromic acetate. |
| 1066–33–7 | Ammonium bicarbonate. |
| 1072–35–1 | Lead stearate. |
| 1111–78–0 | Ammonium carbamate. |
| 1116–54–7 | Ethanol, 2,2'-(nitrosoimino)bis-. N-Nitrosodiethanolamine. |
| 1120–71–4 | 1,2-Oxathiolane, 2,2-dioxide. 1,3-Propane sultone. |
| 1129–41–5 | Carbamic acid, methyl-, 3-methylphenyl ester. Metolcarb. |
| 1185–57–5 | Ferric ammonium citrate. |
| 1194–65–6 | Dichlobenil. |
| 1300–71–6 | Xylenol. |
| 1303–28–2 | Arsenic oxide As ₂ O ₅ . Arsenic pentoxide. |
| 1303–33–9 | Arsenic trisulfide. |
| 1309–64–4 | Antimony trioxide. |
| 1310–58–3 | Potassium hydroxide. |
| 1310–73–2 | Sodium hydroxide. |
| 1314–32–5 | Thallic oxide. Thallium oxide Tl ₂ O ₃ . |
| 1314–62–1 | Vanadium oxide V ₂ O ₅ . Vanadium pentoxide. |
| 1314–80–3 | Phosphorus pentasulfide. Phosphorus sulfide. Sulfur phosphide. |
| 1314–84–7 | Zinc phosphide Zn ₃ P ₂ . |
| 1314–87–0 | Lead sulfide. |
| 1319–72–8 | 2,4,5-T amines. |
| 1319–77–3 | Cresol (cresylic acid). |

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| CASRN | Hazardous substance |
|-----------------|--|
| | Cresols (isomers and mixture). |
| | Cresylic acid (isomers and mixture). |
| | Phenol, methyl-. |
| 1320-18-9 | 2,4-D Ester. |
| 1321-12-6 | Nitrotoluene. |
| 1327-53-3 | Arsenic oxide As ₂ O ₃ . |
| | Arsenic trioxide. |
| 1330-20-7 | Benzene, dimethyl-. |
| | Xylene. |
| | Xylene (mixed). |
| | Xylenes (isomers and mixture). |
| 1331-47-1 | Dichlorobenzidine. |
| 1332-07-6 | Zinc borate. |
| 1332-21-4 | Asbestos. |
| 1333-83-1 | Sodium bifluoride. |
| 1335-32-6 | Lead subacetate. |
| | Lead, bis(acetato-O)tetrahydroxytri. |
| 1336-21-6 | Ammonium hydroxide. |
| 1336-36-3 | Aroclors. |
| | PCBs. |
| | POLYCHLORINATED BIPHENYLS. |
| 1338-23-4 | Methyl ethyl ketone peroxide. |
| | 2-Butanone peroxide. |
| 1338-24-5 | Naphthenic acid. |
| 1341-49-7 | Ammonium bifluoride. |
| 1464-53-5 | 1,2:3,4-Diepoxybutane. |
| | 2,2'-Bioxirane. |
| 1563-38-8 | 7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-. |
| | Carbofuran phenol. |
| 1563-66-2 | 7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate. |
| | Carbofuran. |
| 1582-09-8 | Trifluralin. |
| 1615-80-1 | Hydrazine, 1,2-diethyl-. |
| | N,N'-Diethylhydrazine. |
| 1634-04-4 | Methyl tert-butyl ether. |
| 1646-88-4 | Aldicarb sulfone. |
| | Propanal, 2-methyl-2-(methyl-sulfonyl)-, O-[(methylamino)carbonyl] oxime. |
| 1746-01-6 | TCDD. |
| | 2,3,7,8-Tetrachlorodibenzo-p-dioxin. |
| 1762-95-4 | Ammonium thiocyanate. |
| 1863-63-4 | Ammonium benzoate. |
| 1888-71-7 | Hexachloropropene. |
| | 1-Propene, 1,1,2,3,3,3-hexachloro-. |
| 1918-00-9 | Dicamba. |
| 1928-38-7 | 2,4-D Ester. |
| 1928-47-8 | 2,4,5-T Esters. |
| 1928-61-6 | 2,4-D Ester. |
| 1929-73-3 | 2,4-D Ester. |
| 2008-46-0 | 2,4,5-T amines. |
| 2032-65-7 | Mercaptodimethur. |
| | Methiocarb. |
| | Phenol, (3,5-dimethyl-4-(methylthio)-, methylcarbamate. |
| 2303-16-4 | Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester. |
| | Diallate. |
| 2303-17-5 | Carbamothioic acid, bis(1-methylethyl)-, S-(2,3,3-trichloro-2-propenyl) ester. |
| | Triallate. |
| 2312-35-8 | Propargite. |
| 2545-59-7 | 2,4,5-T esters. |
| 2631-37-0 | Phenol, 3-methyl-5-(1-methylethyl)-, methyl carbamate. |
| | Promecarb. |
| 2763-96-4 | 3(2H)-Isoxazolone, 5-(aminomethyl)-. |
| | 5-(Aminomethyl)-3-isoxazolol. |
| 2764-72-9 | Diquat. |
| 2921-88-2 | Chlorpyrifos. |
| 2944-67-4 | Ferric ammonium oxalate. |

| CASRN | Hazardous substance |
|-----------------|--|
| 2971-38-2 | 2,4-D Ester. |
| 3012-65-5 | Ammonium citrate, dibasic. |
| 3164-29-2 | Ammonium tartrate. |
| 3165-93-3 | Benzenamine, 4-chloro-2-methyl-, hydrochloride. 4-Chloro-o-toluidine, hydrochloride. |
| 3251-23-8 | Cupric nitrate. |
| 3288-58-2 | O,O-Diethyl S-methyl dithiophosphate. Phosphorodithioic acid, O,O-diethyl S-methyl ester. |
| 3486-35-9 | Zinc carbonate. |
| 3547-04-4 | DDE. |
| 3689-24-5 | Tetraethyldithiopyrophosphate. Thiodiphosphoric acid, tetraethyl ester. |
| 3813-14-7 | 2,4,5-T amines. |
| 4170-30-3 | Crotonaldehyde. 2-Butenal. |
| 4549-40-0 | N-Nitrosomethylvinylamine. Vinylamine, N-methyl-N-nitroso-. |
| 5103-71-9 | Chlordane, alpha isomer. |
| 5103-74-2 | Chlordane, gamma isomer. |
| 5344-82-1 | Thiourea, (2-chlorophenyl)-. 1-(o-Chlorophenyl)thiourea. |
| 5952-26-1 | Ethanol, 2,2'-oxybis-, dicarbamate. Diethylene glycol, dicarbamate. |
| 5972-73-6 | Ammonium oxalate. |
| 6009-70-7 | Ammonium oxalate. |
| 6369-96-6 | 2,4,5-T amines. |
| 6369-97-7 | 2,4,5-T amines. |
| 6533-73-9 | Carbonic acid, dithallium(1 +) salt. Thallium(I) carbonate. |
| 7005-72-3 | 4-Chlorophenyl phenyl ether. |
| 7421-93-4 | Endrin aldehyde. |
| 7428-48-0 | Lead stearate. |
| 7439-92-1 | Lead. |
| 7439-97-6 | Mercury. |
| 7440-02-0 | Nickel. |
| 7440-22-4 | Silver. |
| 7440-23-5 | Sodium. |
| 7440-28-0 | Thallium. |
| 7440-36-0 | Antimony. |
| 7440-38-2 | Arsenic. |
| 7440-41-7 | Beryllium. Beryllium powder. |
| 7440-43-9 | Cadmium. |
| 7440-47-3 | Chromium. |
| 7440-50-8 | Copper. |
| 7440-66-6 | Zinc. |
| 7446-08-4 | Selenium dioxide. Selenium oxide. |
| 7446-14-2 | Lead sulfate. |
| 7446-18-6 | Sulfuric acid, dithallium(1 +) salt. Thallium(I) sulfate. |
| 7446-27-7 | Lead phosphate. Phosphoric acid, lead(2 +) salt (2:3). |
| 7447-39-4 | Cupric chloride. |
| 7488-56-4 | Selenium sulfide SeS ₂ . |
| 7550-45-0 | Titanium tetrachloride. |
| 7558-79-4 | Sodium phosphate, dibasic. |
| 7601-54-9 | Sodium phosphate, tribasic. |
| 7631-89-2 | Sodium arsenate. |
| 7631-90-5 | Sodium bisulfite. |
| 7632-00-0 | Sodium nitrite. |
| 7645-25-2 | Lead arsenate. |
| 7646-85-7 | Zinc chloride. |
| 7647-01-0 | Hydrochloric acid. Hydrogen chloride. |

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| CASRN | Hazardous substance |
|-----------------|--|
| 7647-18-9 | Antimony pentachloride. |
| 7664-38-2 | Phosphoric acid. |
| 7664-39-3 | Hydrofluoric acid. |
| | Hydrogen fluoride. |
| 7664-41-7 | Ammonia. |
| 7664-93-9 | Sulfuric acid. |
| 7681-49-4 | Sodium fluoride. |
| 7681-52-9 | Sodium hypochlorite. |
| 7697-37-2 | Nitric acid. |
| 7699-45-8 | Zinc bromide. |
| 7705-08-0 | Ferric chloride. |
| 7718-54-9 | Nickel chloride. |
| 7719-12-2 | Phosphorus trichloride. |
| 7720-78-7 | Ferrous sulfate. |
| 7722-64-7 | Potassium permanganate. |
| 7723-14-0 | Phosphorus. |
| 7733-02-0 | Zinc sulfate. |
| 7738-94-5 | Chromic acid. |
| 7758-94-3 | Ferrous chloride. |
| 7758-95-4 | Lead chloride. |
| 7758-98-7 | Cupric sulfate. |
| 7761-88-8 | Silver nitrate. |
| 7773-06-0 | Ammonium sulfamate. |
| 7775-11-3 | Sodium chromate. |
| 7778-39-4 | Arsenic acid H ₃ AsO ₄ . |
| 7778-44-1 | Calcium arsenate. |
| 7778-50-9 | Potassium bichromate. |
| 7778-54-3 | Calcium hypochlorite. |
| 7779-86-4 | Zinc hydrosulfite. |
| 7779-88-6 | Zinc nitrate. |
| 7782-41-4 | Fluorine. |
| 7782-49-2 | Selenium. |
| 7782-50-5 | Chlorine. |
| 7782-63-0 | Ferrous sulfate. |
| 7782-82-3 | Sodium selenite. |
| 7782-86-7 | Mercurous nitrate. |
| 7783-00-8 | Selenious acid. |
| 7783-06-4 | Hydrogen sulfide H ₂ S. |
| 7783-35-9 | Mercuric sulfate. |
| 7783-46-2 | Lead fluoride. |
| 7783-49-5 | Zinc fluoride. |
| 7783-50-8 | Ferric fluoride. |
| 7783-56-4 | Antimony trifluoride. |
| 7784-34-1 | Arsenic trichloride. |
| 7784-40-9 | Lead arsenate. |
| 7784-41-0 | Potassium arsenate. |
| 7784-46-5 | Sodium arsenite. |
| 7786-34-7 | Mevinphos. |
| 7786-81-4 | Nickel sulfate. |
| 7787-47-5 | Beryllium chloride. |
| 7787-49-7 | Beryllium fluoride. |
| 7787-55-5 | Beryllium nitrate. |
| 7788-98-9 | Ammonium chromate. |
| 7789-00-6 | Potassium chromate. |
| 7789-06-2 | Strontium chromate. |
| 7789-09-5 | Ammonium bichromate. |
| 7789-42-6 | Cadmium bromide. |
| 7789-43-7 | Cobaltous bromide. |
| 7789-61-9 | Antimony tribromide. |
| 7790-94-5 | Chlorosulfonic acid. |
| 7791-12-0 | Thallium chloride TlCl. |
| 7803-51-2 | Hydrogen phosphide. |
| | Phosphine. |
| 7803-55-6 | Ammonium vanadate. |
| | Vanadic acid, ammonium salt. |

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| CASRN | Hazardous substance |
|------------------|---|
| 8001-35-2 | Chlorinated camphene. Toxaphene. |
| 8003-19-8 | Dichloropropane—Dichloropropene (mixture). |
| 8003-34-7 | Pyrethrins. |
| 8014-95-7 | Sulfuric acid. |
| 10022-70-5 | Sodium hypochlorite. |
| 10025-87-3 | Phosphorus oxychloride. |
| 10025-91-9 | Antimony trichloride. |
| 10026-11-6 | Zirconium tetrachloride. |
| 10028-22-5 | Ferric sulfate. |
| 10031-59-1 | Sulfuric acid, dithallium(1 +) salt. Thallium(I) sulfate. |
| 10039-32-4 | Sodium phosphate, dibasic. |
| 10043-01-3 | Aluminum sulfate. |
| 10045-89-3 | Ferrous ammonium sulfate. |
| 10045-94-0 | Mercuric nitrate. |
| 10049-05-5 | Chromous chloride. |
| 10099-74-8 | Lead nitrate. |
| 10101-53-8 | Chromic sulfate. |
| 10101-63-0 | Lead iodide. |
| 10101-89-0 | Sodium phosphate, tribasic. |
| 10102-06-4 | Uranyl nitrate. |
| 10102-18-8 | Sodium selenite. |
| 10102-43-9 | Nitric oxide. Nitrogen oxide NO. |
| 10102-44-0 | Nitrogen dioxide. Nitrogen oxide NO ₂ . |
| 10102-45-1 | Nitric acid, thallium(1 +) salt. Thallium(I) nitrate. |
| 10102-48-4 | Lead arsenate. |
| 10108-64-2 | Cadmium chloride. |
| 10124-50-2 | Potassium arsenite. |
| 10140-65-5 | Sodium phosphate, dibasic. |
| 10192-30-0 | Ammonium bisulfite. |
| 10196-04-0 | Ammonium sulfite. |
| 10361-89-4 | Sodium phosphate, tribasic. |
| 10380-29-7 | Cupric sulfate, ammoniated. |
| 10415-75-5 | Mercurous nitrate. |
| 10421-48-4 | Ferric nitrate. |
| 10544-72-6 | Nitrogen dioxide. Nitrogen oxide NO ₂ . |
| 10588-01-9 | Sodium bichromate. |
| 10605-21-7 | Carbamic acid, 1H-benzimidazol-2-yl, methyl ester. Carbendazim. |
| 11096-82-5 | Aroclor 1260. |
| 11097-69-1 | Aroclor 1254. |
| 11104-28-2 | Aroclor 1221. |
| 11141-16-5 | Aroclor 1232. |
| 12002-03-8 | Cupric acetoarsenite. |
| 12039-52-0 | Selenious acid, dithallium(1 +) salt. Thallium (I) selenite. |
| 12044-79-0 | Arsenic disulfide. |
| 12054-48-7 | Nickel hydroxide. |
| 12125-01-8 | Ammonium fluoride. |
| 12125-02-9 | Ammonium chloride. |
| 12135-76-1 | Ammonium sulfide. |
| 12672-29-6 | Aroclor 1248. |
| 12674-11-2 | Aroclor 1016. |
| 12771-08-3 | Sulfur monochloride. |
| 13463-39-3 | Nickel carbonyl Ni(CO) ₄ , (T-4)-. |
| 13560-99-1 | 2,4,5-T salts. |
| 13597-99-4 | Beryllium nitrate. |
| 13746-89-9 | Zirconium nitrate. |
| 13765-19-0 | Calcium chromate. Chromic acid H ₂ CrO ₄ , calcium salt. |

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| CASRN | Hazardous substance |
|------------------|---|
| 13814-96-5 | Lead fluoborate. |
| 13826-83-0 | Ammonium fluoborate. |
| 13952-84-6 | sec-Butylamine. |
| 14017-41-5 | Cobaltous sulfamate. |
| 14216-75-2 | Nickel nitrate. |
| 14258-49-2 | Ammonium oxalate. |
| 14307-35-8 | Lithium chromate. |
| 14307-43-8 | Ammonium tartrate. |
| 14639-97-5 | Zinc ammonium chloride. |
| 14639-98-6 | Zinc ammonium chloride. |
| 14644-61-2 | Zirconium sulfate. |
| 15339-36-3 | Manganese, bis(dimethylcarbomodithioato-S,S')-. Manganese dimethyldithiocarbamate. |
| 15699-18-0 | Nickel ammonium sulfate. |
| 15739-80-7 | Lead sulfate. |
| 15950-66-0 | 2,3,4-Trichlorophenol. |
| 16721-80-5 | Sodium hydrosulfide. |
| 16752-77-5 | Ethanimidothioic acid, N-[[[(methylamino)carbonyl]oxy]-, methyl ester. Methomyl. |
| 16871-71-9 | Zinc silicofluoride. |
| 16919-19-0 | Ammonium silicofluoride. |
| 16923-95-8 | Zirconium potassium fluoride. |
| 17702-57-7 | Formparanate. |
| 17804-35-2 | Methanimidamide, N,N-dimethyl-N'-[2-methyl-4-[[[(methylamino)carbonyl]oxy]phenyl]-. Benomyl. |
| 18883-66-4 | Carbamic acid, [1-[(butylamino)carbonyl]-1H-benzimidazol-2-yl]-, methyl ester. D-Glucose, 2-deoxy-2[[[(methylnitrosoamino)-carbonyl]amino]-. Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-, D-. Streptozotocin. |
| 20816-12-0 | Osmium oxide OsO ₄ , (T-4)-. Osmium tetroxide. |
| 20830-81-3 | Daunomycin. 5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy-alpha-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-. |
| 20859-73-8 | Aluminum phosphide. |
| 22781-23-3 | Bendiocarb. 1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate. |
| 22961-82-6 | Bendiocarb phenol. 1,3-Benzodioxol-4-ol, 2,2-dimethyl-. |
| 23135-22-0 | Ethanimidothioic acid, 2-(dimethylamino)-N-[[[(methylamino)carbonyl]oxy]-2-oxo-, methyl ester. Oxamyl. |
| 23422-53-9 | Methanimidamide, N,N-dimethyl-N'-[3-[[[(methylamino)-carbonyl]oxy]phenyl]-, monohydrochloride. Formetanate hydrochloride. |
| 23564-05-8 | Carbamic acid, [1,2-phenylenebis(iminocarbonothioyl)]bis-, dimethyl ester. Thiophanate-methyl. |
| 23950-58-5 | Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-. Pronamide. |
| 25154-54-5 | Dinitrobenzene (mixed). |
| 25154-55-6 | Nitrophenol (mixed). Nitrophenols. |
| 25155-30-0 | Sodium dodecylbenzenesulfonate. |
| 25167-82-2 | Trichlorophenol. |
| 25168-15-4 | 2,4,5-T esters. |
| 25168-26-7 | 2,4-D Ester. |
| 25321-14-6 | Dinitrotoluene. |
| 25321-22-6 | Dichlorobenzene. |
| 25376-45-8 | Benzenediamine, ar-methyl-. Toluenediamine. 2,4-Toluene diamine. |
| 25550-58-7 | Dinitrophenol. |
| 26264-06-2 | Calcium dodecylbenzenesulfonate. |
| 26419-73-8 | 1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O-[[[(methylamino)-carbonyl]oxime]. Tirpate. |

| CASRN | Hazardous substance |
|------------------|---|
| 26471-62-5 | Benzene, 1,3-diisocyanatomethyl- Toluene diisocyanate. 2,4-Toluene diisocyanate. |
| 26628-22-8 | Sodium azide. |
| 26638-19-7 | Dichloropropane. |
| 26952-23-8 | Dichloropropene. |
| 27176-87-0 | Dodecylbenzenesulfonic acid. |
| 27323-41-7 | Triethanolamine dodecylbenzene sulfonate. |
| 27774-13-6 | Vanadyl sulfate. |
| 28300-74-5 | Antimony potassium tartrate. |
| 30525-89-4 | Paraformaldehyde. |
| 30558-43-1 | Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo-, methyl ester. A2213. |
| 32534-95-5 | 2,4,5-TP esters. |
| 33213-65-9 | beta-Endosulfan. |
| 36478-76-9 | Uranyl nitrate. |
| 37211-05-5 | Nickel chloride. |
| 38622-18-3 | Diphenylhydrazine. |
| 39196-18-4 | Thiofanox. 2-Butanone, 3,3-dimethyl-1-(methylthio)-,O-[(methylamino)carbonyl] oxime. |
| 42504-46-1 | Isopropanolamine dodecylbenzenesulfonate. |
| 52628-25-8 | Zinc ammonium chloride. |
| 52740-16-6 | Calcium arsenite. |
| 52888-80-9 | Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester. Prosulfocarb. |
| 53467-11-1 | 2,4-D Ester. |
| 53469-21-9 | Aroclor 1242. |
| 55285-14-8 | Carbamic acid, [(dibutylamino)-thio]methyl-, 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ester. Carbosulfan. |
| 55488-87-4 | Ferric ammonium oxalate. |
| 55671-32-4 | Cupric oxalate. |
| 56189-09-4 | Lead stearate. |
| 59669-26-0 | Ethanimidothioic acid, N,N'-[thiobis[(methylimino)carbonyloxy]]bis-, dimethyl ester. Thiodicarb. |
| 61792-07-2 | 2,4,5-T esters. |

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting §302.4, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at www.govinfo.gov.

§302.5 Determination of reportable quantities.

(a) *Listed hazardous substances.* The quantity listed in the column “Final RQ” for each substance in table 302.4, or in appendix B to table 302.4, is the reportable quantity (RQ) for that substance. The RQs in table 302.4 are in units of pounds based on chemical toxicity, while the RQs in appendix B to table 302.4 are in units of curies based on radiation hazard. Whenever the RQs in table 302.4 and appendix B to the table are in conflict, the lowest RQ shall apply.

(b) *Unlisted hazardous substances.* Unlisted hazardous substances designated

by 40 CFR 302.4(b) have the reportable quantity of 100 pounds, except for those unlisted hazardous wastes which exhibit toxicity identified in 40 CFR 261.24. Unlisted hazardous wastes which exhibit toxicity have the reportable quantities listed in Table 302.4 for the contaminant on which the characteristic of toxicity is based. The reportable quantity applies to the waste itself, not merely to the toxic contaminant. If an unlisted hazardous waste exhibits toxicity on the basis of more than one contaminant, the reportable quantity for that waste shall be the lowest of the reportable quantities listed in Table 302.4 for those contaminants. If an unlisted hazardous waste exhibits the characteristic of toxicity and one or more of the other characteristics referenced in 40 CFR 302.4(b), the reportable quantity for that waste

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shall be the lowest of the applicable reportable quantities.

[51 FR 34547, Sept. 29, 1986, as amended at 54 FR 22538, May 24, 1989; 67 FR 45356, July 9, 2002]

§ 302.6 Notification requirements.

(a) Any person in charge of a vessel or an offshore or an onshore facility shall, as soon as he or she has knowledge of any release (other than a federally permitted release or application of a pesticide) of a hazardous substance from such vessel or facility in a quantity equal to or exceeding the reportable quantity determined by this part in any 24-hour period, immediately notify the National Response Center (1-800-424-8802; in Washington, DC 202-267-2675; the facsimile number is 202-267-1322).

(b) Releases of mixtures or solutions (including hazardous waste streams) of

(1) Hazardous substances, except for radionuclides, are subject to the following notification requirements:

(i) If the quantity of all of the hazardous constituent(s) of the mixture or solution is known, notification is required where an RQ or more of any hazardous constituent is released;

(ii) If the quantity of one or more of the hazardous constituent(s) of the mixture or solution is unknown, notification is required where the total amount of the mixture or solution released equals or exceeds the RQ for the hazardous constituent with the lowest RQ; or

(iii) For waste streams K169, K170, K171, K172, K174, and K175, knowledge of the quantity of all of the hazardous constituent(s) may be assumed, based on the following maximum observed constituent concentrations identified by EPA:

| Waste | Constituent | max ppm |
|-------|------------------------------------|---------|
| K169 | Benzene | 220.0 |
| K170 | Benzene | 1.2 |
| | Benzo (a) pyrene | 230.0 |
| | Dibenz (a,h) anthracene | 49.0 |
| | Benzo (a) anthracene | 390.0 |
| | Benzo (b) fluoranthene | 110.0 |
| | Benzo (k) fluoranthene | 110.0 |
| | 3-Methylcholanthrene | 27.0 |
| | 7, 12-Dimethylbenz (a) anthracene. | 1,200.0 |
| K171 | Benzene | 500.0 |
| | Arsenic | 1,600.0 |
| K172 | Benzene | 100.0 |
| | Arsenic | 730.0 |

| Waste | Constituent | max ppm |
|-------|---------------------|-----------|
| K174 | 2,3,7,8-TCDD | 0.000039 |
| | 1,2,3,7,8-PeCDD | 0.0000108 |
| | 1,2,3,4,7,8-HxCDD | 0.0000241 |
| | 1,2,3,6,7,8-HxCDD | 0.000083 |
| | 1,2,3,7,8,9-HxCDD | 0.000062 |
| | 1,2,3,4,6,7,8-HpCDD | 0.00123 |
| | OCDD | 0.0129 |
| | 2,3,7,8-TCDF | 0.000145 |
| | 1,2,3,7,8-PeCDF | 0.0000777 |
| | 2,3,4,7,8-PeCDF | 0.000127 |
| | 1,2,3,4,7,8-HxCDF | 0.001425 |
| | 1,2,3,6,7,8-HxCDF | 0.000281 |
| | 1,2,3,7,8,9-HxCDF | 0.00014 |
| | 2,3,4,6,7,8-HxCDF | 0.000648 |
| | 1,2,3,4,6,7,8-HpCDF | 0.0207 |
| | 1,2,3,4,7,8,9-HpCDF | 0.0135 |
| | OCDF | 0.212 |
| K175 | Mercury | 9200 |

(2) Radionuclides are subject to this section's notification requirements only in the following circumstances:

(i) If the identity and quantity (in curies) of each radionuclide in a released mixture or solution is known, the ratio between the quantity released (in curies) and the RQ for the radionuclide must be determined for each radionuclide. The only such releases subject to this section's notification requirements are those in which the sum of the ratios for the radionuclides in the mixture or solution released is equal to or greater than one.

(ii) If the identity of each radionuclide in a released mixture or solution is known but the quantity released (in curies) of one or more of the radionuclides is unknown, the only such releases subject to this section's notification requirements are those in which the total quantity (in curies) of the mixture or solution released is equal to or greater than the lowest RQ of any individual radionuclide in the mixture or solution.

(iii) If the identity of one or more radionuclides in a released mixture or solution is unknown (or if the identity of a radionuclide released by itself is unknown), the only such releases subject to this section's notification requirements are those in which the total quantity (in curies) released is equal to or greater than either one curie or the lowest RQ of any known individual radionuclide in the mixture or solution, whichever is lower.

(c) The following categories of releases are exempt from the notification requirements of this section:

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(1) Releases of those radionuclides that occur naturally in the soil from land holdings such as parks, golf courses, or other large tracts of land.

(2) Releases of naturally occurring radionuclides from land disturbance activities, including farming, construction, and land disturbance incidental to extraction during mining activities, except that which occurs at uranium, phosphate, tin, zircon, hafnium, vanadium, monazite, and rare earth mines. Land disturbance incidental to extraction includes: land clearing; overburden removal and stockpiling; excavating, handling, transporting, and storing ores and other raw (not beneficiated or processed) materials; and replacing in mined-out areas coal ash, earthen materials from farming or construction, or overburden or other raw materials generated from the emptied mining activities.

(3) Releases of radionuclides from the dumping and transportation of coal and coal ash (including fly ash, bottom ash, and boiler slags), including the dumping and land spreading operations that occur during coal ash uses.

(4) Releases of radionuclides from piles of coal and coal ash, including fly ash, bottom ash, and boiler slags.

(d) Except for releases of radionuclides, notification of the release of an RQ of solid particles of antimony, arsenic, beryllium, cadmium, chromium, copper, lead, nickel, selenium, silver, thallium, or zinc is not required if the mean diameter of the particles released is larger than 100 micrometers (0.004 inches).

(e) The following releases are exempt from the notification requirements of this section:

(1) Releases in amounts less than 1,000 pounds per 24 hours of nitrogen oxide to the air which are the result of combustion and combustion-related activities.

(2) Releases in amounts less than 1,000 pounds per 24 hours of nitrogen dioxide to the air which are the result of combustion and combustion-related activities.

(3) Air emissions from animal waste (including decomposing animal waste) at a farm.

[50 FR 13474, Apr. 4, 1985, as amended at 54 FR 22538, May 24, 1989; 54 FR 33481, Aug. 14, 1989; 63 FR 13475, Mar. 19, 1998; 63 FR 42189, Aug. 6, 1998; 64 FR 13114, Mar. 17, 1999; 65 FR 67132, Nov. 8, 2000; 67 FR 45356, July 9, 2002; 71 FR 58533, Oct. 4, 2006; 73 FR 76959, Dec. 18, 2008; 76 FR 9666, Feb. 22, 2011; 77 FR 10390, Feb. 22, 2012; 83 FR 37446, Aug. 1, 2018]

§ 302.7 Penalties.

(a) Any person—

(1) In charge of a vessel from which a hazardous substance is released, other than a federally permitted release, into or upon the navigable waters of the United States, adjoining shorelines, or into or upon the waters of the contiguous zone,

(2) In charge of a vessel from which a hazardous substance is released, other than a federally permitted release, which may affect natural resources belonging to, appertaining to, or under the exclusive management authority of the United States (including resources under the Fishery Conservation and Management Act of 1976), and who is otherwise subject to the jurisdiction of the United States at the time of the release, or

(3) In charge of a facility from which a hazardous substance is released, other than a federally permitted release, in a quantity equal to or greater than that reportable quantity determined under this part who fails to notify immediately the National Response Center as soon as he or she has knowledge of such release or who submits in such a notification any information which he knows to be false or misleading shall be subject to all of the sanctions, including criminal penalties, set forth in section 103(b) of the Act.

(b) Notification received pursuant to this section or information obtained by the exploitation of such notification shall not be used against any such person in any criminal case, except a prosecution for perjury or for giving a false statement.

(c) This section shall not apply to the application of a pesticide product registered under the Federal Insecticide, Fungicide, and Rodenticide Act or to

the handling and storage of such a pesticide product by an agricultural producer.

[50 FR 13474, Apr. 4, 1985, as amended at 67 FR 45356, July 9, 2002]

§ 302.8 Continuous releases.

(a) Except as provided in paragraph (c) of this section, no notification is required for any release of a hazardous substance that is, pursuant to the definitions in paragraph (b) of this section, continuous and stable in quantity and rate.

(b) *Definitions.* The following definitions apply to notification of continuous releases:

Continuous. A continuous release is a release that occurs without interruption or abatement or that is routine, anticipated, and intermittent and incidental to normal operations or treatment processes.

Normal range. The normal range of a release is all releases (in pounds or kilograms) of a hazardous substance reported or occurring over any 24-hour period under normal operating conditions during the preceding year. Only releases that are both continuous and stable in quantity and rate may be included in the normal range.

Routine. A routine release is a release that occurs during normal operating procedures or processes.

Stable in quantity and rate. A release that is stable in quantity and rate is a release that is predictable and regular in amount and rate of emission.

Statistically significant increase. A statistically significant increase in a release is an increase in the quantity of the hazardous substance released above the upper bound of the reported normal range of the release.

(c) *Notification.* The following notifications shall be given for any release qualifying for reduced reporting under this section:

- (1) Initial telephone notification;
- (2) Initial written notification within 30 days of the initial telephone notification;
- (3) Follow-up notification within 30 days of the first anniversary date of the initial written notification;
- (4) Notification of a change in the composition or source(s) of the release or in the other information submitted

in the initial written notification of the release under paragraph (c)(2) of this section or the follow-up notification under paragraph (c)(3) of this section; and

(5) Notification at such times as an increase in the quantity of the hazardous substance being released during any 24-hour period represents a statistically significant increase as defined in paragraph (b) of this section.

(d) *Initial telephone notification.* Prior to making an initial telephone notification of a continuous release, the person in charge of a facility or vessel must establish a sound basis for qualifying the release for reporting under CERCLA section 103(f)(2) by:

(1) Using release data, engineering estimates, knowledge of operating procedures, or best professional judgment to establish the continuity and stability of the release;

(2) Reporting the release to the National Response Center for a period sufficient to establish the continuity and stability of the release; or

(3) When a person in charge of the facility or vessel believes that a basis has been established to qualify the release for reduced reporting under this section, initial notification to the National Response Center shall be made by telephone. The person in charge must identify the notification as an initial continuous release notification report and provide the following information:

- (i) The name and location of the facility or vessel; and
- (ii) The name(s) and identity(ies) of the hazardous substance(s) being released.

(e) *Initial written notification.* Initial written notification of a continuous release shall be made to the appropriate EPA HQ office. (Note: In addition to the requirements of this part, releases of CERCLA hazardous substances are also subject to the provisions of SARA Title III, also known as the Emergency Planning and Community Right-to-Know Act (EPCRA), section 304, and EPA's implementing regulations codified at 40 CFR part 355, which require

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initial telephone and written notifications of continuous releases to be submitted to the appropriate State emergency response commission and local emergency planning committee.)

(1) Initial written notification to the appropriate EPA HQ office shall occur within 30 days of the initial telephone notification to the National Response Center, and shall include, for each release for which reduced reporting as a continuous release is claimed, the following information:

(i) The name of the facility or vessel; the location, including the latitude and longitude; the case number assigned by the National Response Center or the Environmental Protection Agency; the Dun and Bradstreet number of the facility, if available; the port of registration of the vessel; the name and telephone number of the person in charge of the facility or vessel.

(ii) The population density within a one-mile radius of the facility or vessel, described in terms of the following ranges: 0-50 persons, 51-100 persons, 101-500 persons, 501-1,000 persons, more than 1,000 persons.

(iii) The identity and location of sensitive populations and ecosystems within a one-mile radius of the facility or vessel (e.g., elementary schools, hospitals, retirement communities, or wetlands).

(iv) For each hazardous substance release claimed to qualify for reporting under CERCLA section 103(f)(2), the following information must be supplied:

(A) The name/identity of the hazardous substance; the Chemical Abstracts Service Registry Number for the substance (if available); and if the substance being released is a mixture, the components of the mixture and their approximate concentrations and quantities, by weight.

(B) The upper and lower bounds of the normal range of the release (in pounds or kilograms) over the previous year.

(C) The source(s) of the release (e.g., valves, pump seals, storage tank vents, stacks). If the release is from a stack, the stack height (in feet or meters).

(D) The frequency of the release and the fraction of the release from each release source and the specific period over which it occurs.

(E) A brief statement describing the basis for stating that the release is continuous and stable in quantity and rate.

(F) An estimate of the total annual amount that was released in the previous year (in pounds or kilograms).

(G) The environmental medium(a) affected by the release:

(1) If surface water, the name of the surface water body;

(2) If a stream, the stream order or average flowrate (in cubic feet/second) and designated use;

(3) If a lake, the surface area (in acres) and average depth (in feet or meters);

(4) If on or under ground, the location of public water supply wells within two miles.

(H) A signed statement that the hazardous substance release(s) described is(are) continuous and stable in quantity and rate under the definitions in paragraph (b) of this section and that all reported information is accurate and current to the best knowledge of the person in charge.

(f) *Follow-up notification.* Within 30 days of the first anniversary date of the initial written notification, the person in charge of the facility or vessel shall evaluate each hazardous substance release reported to verify and update the information submitted in the initial written notification. The follow-up written notification shall be submitted to the appropriate EPA HQ office. The follow-up notification shall include the following information:

(1) The name of the facility or vessel; the location, including the latitude and longitude; the case number assigned by the National Response Center or the Environmental Protection Agency; the Dun and Bradstreet number of the facility, if available; the port of registration of the vessel; the name and telephone number of the person in charge of the facility or vessel.

(2) The population density within a one-mile radius of the facility or vessel, described in terms of the following ranges: 0-50 persons, 51-100 persons, 101-500 persons, 501-1,000 persons, more than 1,000 persons.

(3) The identity and location of sensitive populations and ecosystems within a one-mile radius of the facility

or vessel (e.g., elementary schools, hospitals, retirement communities, or wetlands).

(4) For each hazardous substance release claimed to qualify for reporting under CERCLA section 103(f)(2), the following information shall be supplied:

(i) The name/identity of the hazardous substance; the Chemical Abstracts Service Registry Number for the substance (if available); and if the substance being released is a mixture, the components of the mixture and their approximate concentrations and quantities, by weight.

(ii) The upper and lower bounds of the normal range of the release (in pounds or kilograms) over the previous year.

(iii) The source(s) of the release (e.g., valves, pump seals, storage tank vents, stacks). If the release is from a stack, the stack height (in feet or meters).

(iv) The frequency of the release and the fraction of the release from each release source and the specific period over which it occurs.

(v) A brief statement describing the basis for stating that the release is continuous and stable in quantity and rate.

(vi) An estimate of the total annual amount that was released in the previous year (in pounds or kilograms).

(vii) The environmental medium(a) affected by the release:

(A) If surface water, the name of the surface water body;

(B) If a stream, the stream order or average flowrate (in cubic feet/second) and designated use;

(C) If a lake, the surface area (in acres) and average depth (in feet or meters);

(D) If on or under ground, the location of public water supply wells within two miles.

(viii) A signed statement that the hazardous substance release(s) is(are) continuous and stable in quantity and rate under the definitions in paragraph (b) of this section and that all reported information is accurate and current to the best knowledge of the person in charge.

(g) *Notification of changes in the release.* If there is a change in the release, notification of the change, not

otherwise reported, shall be provided in the following manner:

(1) *Change in source or composition.* If there is any change in the composition or source(s) of the release, the release is a new release and must be qualified for reporting under this section by the submission of initial telephone notification and initial written notification in accordance with paragraphs (c) (1) and (2) of this section as soon as there is a sufficient basis for asserting that the release is continuous and stable in quantity and rate;

(2) *Change in the normal range.* If there is a change in the release such that the quantity of the release exceeds the upper bound of the reported normal range, the release must be reported as a statistically significant increase in the release. If a change will result in a number of releases that exceed the upper bound of the normal range, the person in charge of a facility or vessel may modify the normal range by:

(i) Reporting at least one statistically significant increase report as required under paragraph (h) of this section and, at the same time, informing the National Response Center of the change in the normal range; and

(ii) Submitting, within 30 days of the telephone notification, written notification to the appropriate EPA Headquarters office describing the new normal range, the reason for the change, and the basis for stating that the release in the increased amount is continuous and stable in quantity and rate under the definitions in paragraph (b) of this section.

(3) *Changes in other reported information.* If there is a change in any information submitted in the initial written notification or the follow-up notification other than a change in the source, composition, or quantity of the release, the person in charge of the facility or vessel shall provide written notification of the change to the appropriate EPA HQ office, within 30 days of determining that the information submitted previously is no longer valid. Notification shall include the reason for the change, and the basis for stating that the release is continuous and stable under the changed conditions.

(4) *Certificate of changes.* Notification of changes shall include the case number assigned by the National Response Center or the Environmental Protection Agency and also the signed certification statement required at (e)(1)(iv)(H) of this section.

(h) *Notification of a statistically significant increase in a release.* Notification of a statistically significant increase in a release shall be made to the National Response Center as soon as the person in charge of the facility or vessel has knowledge of the increase. The release must be identified as a statistically significant increase in a continuous release. A determination of whether an increase is a “statistically significant increase” shall be made based upon calculations or estimation procedures that will identify releases that exceed the upper bound of the reported normal range.

(i) *Annual evaluation of releases.* Each hazardous substance release shall be evaluated annually to determine if changes have occurred in the information submitted in the initial written notification, the followup notification, and/or in a previous change notification.

(j) *Use of the SARA Title III (EPCRA) section 313 form.* In lieu of an initial written report or a follow-up report, owners or operators of facilities subject to the requirements of SARA Title III (EPCRA) section 313 may submit to the appropriate EPA HQ office, a copy of the Toxic Release Inventory form submitted under SARA Title III (EPCRA) section 313 the previous July 1, provided that the following information is added:

(1) The population density within a one-mile radius of the facility or vessel, described in terms of the following ranges: 0-50 persons, 51-100 persons, 101-500 persons, 501-1,000 persons, more than 1,000 persons.

(2) The identity and location of sensitive populations and ecosystems within a one-mile radius of the facility or vessel (e.g., elementary schools, hospitals, retirement communities, or wetlands).

(3) For each hazardous substance release claimed to qualify for reporting under CERCLA section 103(f)(2), the following information must be supplied:

(i) The upper and lower bounds of the normal range of the release (in pounds or kilograms) over the previous year.

(ii) The frequency of the release and the fraction of the release from each release source and the specific period over which it occurs.

(iii) A brief statement describing the basis for stating that the release is continuous and stable in quantity and rate.

(iv) A signed statement that the hazardous substance release(s) is(are) continuous and stable in quantity and rate under the definitions in paragraph (b) of this section and that all reported information is accurate and current to the best knowledge of the person in charge.

(k) *Documentation supporting notification.* Where necessary to satisfy the requirements of this section, the person in charge may rely on recent release data, engineering estimates, the operating history of the facility or vessel, or other relevant information to support notification. All supporting documents, materials, and other information shall be kept on file at the facility, or in the case of a vessel, at an office within the United States in either a port of call, a place of regular berthing, or the headquarters of the business operating the vessel. Supporting materials shall be kept on file for a period of one year and shall substantiate the reported normal range of releases, the basis for stating that the release is continuous and stable in quantity and rate, and the other information in the initial written report, the followup report, and the annual evaluations required under paragraphs (e), (f), and (i), respectively. Such information shall be made available to EPA upon request as necessary to enforce the requirements of this section.

(l) *Multiple concurrent releases.* Multiple concurrent releases of the same substance occurring at various locations with respect to contiguous plants or installations upon contiguous grounds that are under common ownership or control may be considered separately or added together in determining whether such releases constitute a continuous release or a statistically significant increase under the

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definitions in paragraph (b) of this section; whichever approach is elected for purposes of determining whether a release is continuous also must be used to determine a statistically significant increase in the release.

(m) *Penalties for failure to comply.* The reduced reporting requirements provided for under this section shall apply only so long as the person in charge complies fully with all requirements of paragraph (c) of this section. Failure to comply with respect to any release from the facility or vessel shall subject the person in charge to all of the reporting requirements of §302.6 for each such release, to the penalties under §302.7, and to any other applicable penalties provided for by law.

[55 FR 30185, July 24, 1990, as amended at 67 FR 45357, July 9, 2002; 86 FR 62737, Nov. 12, 2021]

PART 303—CITIZEN AWARDS FOR INFORMATION ON CRIMINAL VIOLATIONS UNDER SUPERFUND

Subpart A—General

Sec.

303.10 Purpose.

303.11 Definitions.

303.12 Criminal violations covered by this award authority.

Subpart B—Eligibility To File a Claim for Award and Determination of Eligibility and Amount of Award

303.20 Eligibility to file a claim for award.

303.21 Determination of eligibility and amount of award.

Subpart C—Criteria for Payment of Award

303.30 Criteria for payment of award.

303.31 Assurance of claimant confidentiality.

303.32 Pre-payment offers.

303.33 Filing a claim.

AUTHORITY: 42 U.S.C. 9609(d), Executive Order No. 12580.

SOURCE: 54 FR 26143, June 21, 1989, unless otherwise noted.

Subpart A—General

§ 303.10 Purpose.

This regulation implements the “citizen award” authority granted by Congress to the President in the 1986

Amendments to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), section 109(d). As authorized in the Superfund Amendments and Reauthorization Act of 1986 (SARA) section 109(c) and Executive Order No. 12580 (issued by the President on January 23, 1987), the Environmental Protection Agency is empowered to pay up to \$10,000.00 from the Superfund to any individual who provides information leading to the arrest and conviction of any person for a violation subject to a criminal penalty under CERCLA as amended.

§ 303.11 Definitions.

(a) Arrest. Restraint of an arrestee’s liberty or the equivalent through the service of judicial process compelling such a person to respond to a criminal accusation.

(b) Conviction. A judgment of guilt entered in U.S. District Court, upon a verdict rendered by the court or petit jury or by a plea of guilty, including a plea of *nolo contendere*.

(c) Individual. A natural person, not a corporation or other legal entity nor an association of persons.

§ 303.12 Criminal violations covered by this award authority.

(a) Failure to Give Required Notice of a Release of a Reportable Quantity of a Hazardous Substance, 42 U.S.C. 9603(a);

(b) Destruction or Concealment of Records Required under CERCLA to have been Retained, 42 U.S.C. 9603(d).

Subpart B—Eligibility To File a Claim for Award and Determination of Eligibility and Amount of Award

§ 303.20 Eligibility to file a claim for award.

(a) Any individual, except law enforcement officers and persons convicted in the case giving rise to the award claim and any persons identified in §303.20(b) shall be eligible to file a claim for an award as provided for in §303.33 of this subpart.

(b) No person who was an employee of or contractor for the United States Environmental Protection Agency at the time he or she came into possession of