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defined as a chemical substance under TSCA section 3(2).

(b) *Chemicals from natural sources.* A manufacturer of a chemical substance which is extracted from an ore, from oil, or from any other natural source must report only about the manufacturing steps for, and the uses of, that chemical, not about production of the natural source material or other crude precursors derived from the natural source material.

For example, persons who manufacture a chemical substance such as “sweetened naphtha, 64741-87-3,” but do not refine the naphtha to produce “hexane, 110-54-3” would not report on hexane. Only the production of “hexane” as an isolated product must be reported—not previous production of more crude, complex substances such as naphtha from which hexane is extracted. Thus, persons who produce crude oil, ores, and other crude natural materials, but do not carry them through further manufacturing steps that produce a listed chemical have no reporting responsibilities under this Part. Note, however, that any method of extraction, refinement, or purification of a listed chemical substance is considered to be manufacturing for the purposes of this rule.

(c) *Chemical substances as marketed.* This part requires reporting about chemical substances as they are marketed or used in practice. The following preparations of a chemical substance must be reported as the substance itself, not as a mixture, since these preparations are regarded as the substance in practice.

(1) The chemical substance in aqueous solution.

(2) The chemical substance containing an additive (such as a stabilizer or other chemical) to maintain the integrity or physical form of the substance.

(3) The chemical substance in any grade of purity.

§ 712.7 Report of readily obtainable information for subparts B and C.

TSCA section 8(a) authorizes EPA to require persons to report information that is known to or reasonably ascertainable by them. For purposes of subpart B, however, a lesser standard applies. Companies must report information that is readily obtainable by management and supervisory employees responsible for manufacturing, proc-

essing, distributing, technical services, and marketing. Extensive file searches are not required.

[47 FR 26998, June 22, 1982, as amended at 60 FR 31921, June 19, 1995]

§ 712.15 Confidentiality.

(a) Any person submitting information under this part may assert business confidentiality claims for the information as described in the pertinent reporting form and its instructions. Any information covered by a claim will be disclosed by EPA only as provided in the procedures set forth at 40 CFR part 2.

(b) Persons must certify to the validity of a claim of confidentiality they make for information reported under this part, as specified on the reporting form.

(c) If no claim accompanies the information at the time it is submitted to EPA or if certification as to the claim is not made on the reporting form, EPA may place the information in an open file available to the public without further notice to the submitter.

Subpart B—Manufacturers Reporting—Preliminary Assessment Information

§ 712.20 Manufacturers and importers who must report.

Except as described in § 712.25, at the time a chemical substance is listed in § 712.3, the following persons must submit the “Manufacturer’s Report—Preliminary Assessment Information” (as described in § 712.28) for each plant site at which they manufactured or imported the chemical substance during the reporting period specified in § 712.30:

(a) Persons who manufactured one or more of the chemical substances listed in § 712.30 for commercial purposes.

(b) Persons who imported in bulk form one or more of the chemical substances listed in § 712.30 for commercial purposes.

§ 712.25 Exempt manufacturers and importers.

(a) Persons who manufactured or imported the chemical substance during

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the reporting period, solely for purposes of scientific experimentation, analysis, or research, including research or analysis for product development, are not subject to reporting under § 712.20.

(b) Persons who, during the reporting period, manufactured or imported fewer than 500 kilograms (1100 pounds) of the chemical substance at a single plant site are not subject to reporting for that site under § 712.20.

(c) Persons who qualify as small manufacturers (including importers) in respect to a specific chemical substance listed in § 712.30 are exempt. However, the exemption in this paragraph (c) does not apply with respect to any chemical in § 712.30 designated by an asterisk. A manufacturer is qualified as small and is exempt from submitting a report under this subpart for a chemical substance manufactured at a particular plant site if it meets the definition for small manufacturer in § 704.3 of this chapter.

(d) Persons are not subject to reporting under § 712.20 if they manufactured or imported the chemical substance during the reporting period only in the following forms:

(1) As a byproduct that was not used or sold or that was formed as described in 40 CFR 710.4(d) (3) through (7).

(2) As a non-isolated intermediate.

(3) As an impurity.

[47 FR 26998, June 22, 1982; 47 FR 28382, June 30, 1982, as amended at 85 FR 31995, May 28, 2020]

§ 712.28 Form and instructions.

(a) Manufacturers and importers subject to this subpart must submit a single EPA Form No. 7710-35, “Manufacturer’s Report—Preliminary Assessment Information,” for each plant site manufacturing or importing a chemical substance listed in § 712.30.

(b) Reporting companies may submit their reports through individual plant sites or company headquarters as they choose. A separate form must be submitted for each plant site manufacturing the chemical substance.

(c) Persons authorized to report information under this subpart must include the following information on Form 7710-35, Manufacturer’s Report—

Preliminary Assessment Information (Manufacturer’s Report):

(1) A certification as to the truth and accuracy of the information reported signed and dated by an authorized person located at the plant site or corporate headquarters of the respondent company.

(2) A confidentiality statement signed and dated by an authorized person located at the plant site or corporate headquarters of the respondent company.

(3) The specific chemical name and Chemical Abstracts Service (CAS) Registry Number listed in 40 CFR 712.30.

(4) The name, company, address, city, State, ZIP code, and telephone number of a person who is submitting the form, which may be a person located at a plant site or corporate headquarters that will serve as the respondent, and will be able to answer questions about the information submitted by the company to EPA. A respondent to this subpart must include the appropriate Dun and Bradstreet Number for each plant site reported.

(5) The plant site activities, such as the manufacturing of a chemical substance, including the total quantity of the chemical substance (in kilograms) imported in bulk during the reporting period.

(6) The total number of workers and total worker-hours in each process category, which includes enclosed process, controlled release process, and open process.

(7) The information related to chemical substance processing by customers, including customers’ use in industrial and consumer products, the market names under which the chemical substance is manufactured or imported, and the customer’s process categories that are sold to customers for further processing.

(d) Persons must use the CISS tool to complete and submit Form 7710-35, Manufacturer’s Report, and accompanying letters, via CDX. Submission requires registration with CDX, and must be made only as set forth in this section.

(e) To access the CISS tool go to <https://cdx.epa.gov/ssl/CSPP/PrimaryAuthorizedOfficial/Home.aspx> and follow the appropriate links, and

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for further instructions to go <http://www.epa.gov/oppt/chemtest/ereporting/index.html>.

[47 FR 26998, June 22, 1982, as amended at 52 FR 20083, May 29, 1987; 53 FR 12523, Apr. 15, 1988; 60 FR 31921, June 19, 1995; 60 FR 34463, July 3, 1995; 71 FR 47126, Aug. 16, 2006; 78 FR 72825, Dec. 4, 2013]

§ 712.30 Chemical lists and reporting periods.

(a)(1) Persons subject to this subpart B must submit a Preliminary Assessment Information Manufacturer's Report for each chemical substance or mixture that is listed or designated in this section.

(2) Unless a respondent has already prepared a Manufacturer's Report in conformity with conditions set forth in paragraph (a)(3) of this section, the information in each Manufacturer's Report must cover the respondent's latest complete corporate fiscal year as of the effective date. The effective date will be 30 days after the FEDERAL REGISTER publishes a rule amendment making the substance or mixture subject to this subpart B.

(3) Persons subject to this subpart B need not comply with the requirements of paragraph (a)(2) of this section if they meet either one of the following conditions:

(i)(A) The respondent has previously and voluntarily provided EPA with a Manufacturer's Report on a chemical substance or mixture subject to subpart B of this part, which contains data for a 1-year period ending no more than 3 years prior to the effective date described in paragraph (a)(2) of this section. Respondents meeting this condition must notify EPA by letter of their desire to have the voluntary submission used in lieu of a current data submission and must verify the completeness and current accuracy of the voluntarily submitted data. Such letters, sent in accordance with the method specified in § 712.28(d) to EPA, must contain the following language:

I hereby certify that, to the best of my knowledge and belief, all information entered on this form is complete and accurate. I agree to permit access to, and the copying of records by, a duly authorized representative of the EPA Administrator, in accordance with the Toxic Substances Control Act,

to document any information reported on the form.

(B) Notification letters must be submitted in accordance with the method specified in § 712.28(d) prior to the reporting deadline.

(ii)(A) The respondent has previously submitted a Manufacturer's Report on a chemical substance or mixture subject to subpart B of this part to the Interagency Testing Committee, but not to EPA, and that Manufacturer's Report contained data for a 1-year period ending less than 3 years prior to the effective date described in paragraph (a)(2) of this section. Respondents meeting this condition must submit a copy of the Manufacturer's Report, in accordance with the method specified in § 712.28(d) to EPA, and must submit an accompanying letter, also in accordance with the methods specified in § 712.28(d), notifying EPA of the respondent's intent that the submission be used in lieu of a current Manufacturer's Report. The notification letter must verify the completeness and current accuracy of the voluntarily submitted data. Such a letter must contain the following language:

I hereby certify that, to the best of my knowledge and belief, all information entered on this form is complete and accurate. I agree to permit access to, and the copying of records by, a duly authorized representative of the EPA Administrator, in accordance with the Toxic Substances Control Act, to document any information reported on the form.

(B) The submission must be made prior to the reporting deadline.

(b) Except as provided in paragraph (c) of this section, chemical substances and designated mixtures will be added after a notice of proposed amendment of this subpart is published in the FEDERAL REGISTER. There will be a 30 day public comment period on each notice; after consideration of the comments, a final amendment will identify the substances and mixtures added.

(c)(1) Chemical substances, mixtures, and categories of substances or mixtures that have been added by the Interagency Testing Committee, established under section 4(e) of TSCA, to the section 4(e) Priority List, for testing consideration by the Agency, will be added to this section 30 days after

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EPA issues for publication in the FEDERAL REGISTER a rule amendment listing these chemical substances, mixtures and categories. A Preliminary Assessment Information—Manufacturer's Report must be submitted for each chemical substance and mixture within 60 days after the effective date of the listing. At the discretion of the Assistant Administrator for Chemical Safety and Pollution Prevention, a listed substance, mixture or category may be withdrawn, for good cause, from the rule's reporting requirements prior to the effective date. Any information submitted showing why a substance, mixture or category should be removed from the rule must be received by EPA within 14 days after the date of publication of the notice under this paragraph. If a substance, mixture or category is removed, a FEDERAL REGISTER notice announcing this decision will be published no later than the effective date of the amendment.

(2) You must submit the information using the method specified in § 712.28(d).

(d) Manufacturers and importers of the substances listed below must submit a Preliminary Assessment Information Manufacturer's Report for each site at which they manufacture or import each substance by the reporting date shown in the table below. The substances are listed in Chemical Abstracts Service Registry Number order. Typically EPA lists the trivial or common name first, then, following the symbol “-”, EPA lists the substance by its TSCA Chemical Substance Inventory name. Whenever EPA lists a single name, the name may be either the TSCA Chemical Substance Inventory name, a trivial name, or a common name. Generally, when a single name is listed, it is the TSCA Chemical Substances Inventory name.

CAS No.	Substance	Effective date	Reporting date
78-10-4	Ethyl silicate	8/23/00	10/23/00
90-30-2	N-Phenyl-1-naphthylamine	9/30/91	11/27/91
100-40-3	4-Vinylcyclohexene	1/11/90	3/12/90
108-95-5	Thiophenol	1/26/94	3/28/94
109-87-5	Methylal	8/23/00	10/23/00
118-79-6	2,4,6-tribromophenol	1/11/90	3/12/90
133-49-3	Pentachlorothiophenol	8/27/01	10/24/01
136-35-6	1-Triazene, 1,3-diphenyl-	7/11/03	9/9/03
143-33-9	Sodium cyanide	10/29/90	12/27/90
496-46-8	Glycoluril	8/23/00	10/23/00
632-79-1	Tetrabromophthalic anhydride	1/11/90	3/12/90
637-92-3	Ethyl tert-butyl ether	12/28/94	2/27/95
994-05-8	Tert-amyl methyl ether	12/28/94	2/27/95
1163-19-5	Decabromodiphenyl ether	1/11/90	3/12/90
1198-55-6	Tetrachloropyrocatechol	8/27/01	10/24/01
1806-24-2	p-toluidine, 5-chloro- α,α,α -trifluoro-2-nitro-N-phenyl-	8/27/01	10/24/01
3194-55-6	Hexabromocyclododecane	1/11/90	3/12/90
3278-89-5	Benzene, 1,3,5-tribromo-2-(2-propenyloxy)-	7/11/03	9/9/03
3296-90-0	Dibromoneopentyl glycol	1/11/90	3/12/90
12185-10-3	White phosphorus	1/26/94	3/28/94
16691-43-3	3-Amino-5-mercapto-1,2,4-triazole	8/23/00	10/23/00
29091-20-1	Benzenamine, 3-chloro-2,6-dinitro-N,N-dipropyl-4-(trifluoromethyl)-	7/11/03	9/9/03
32534-81-9	Pentabromodiphenyl ether	1/11/90	3/12/90
32536-52-0	Octabromodiphenyl ether	1/11/90	3/12/90
32588-76-4	Ethylene Bis-(tetrabromophthalimide)	1/11/90	3/12/90
37853-59-1	1,2-Bis(tribromophenoxy) ethane	1/11/90	3/12/90
41291-34-3	Ethylene(5,6-dibromonorbornane-2,3-dicarboximide)	1/11/90	3/12/90
52907-07-0	Ethylene bis(5,6-dibromonorbornane-2,3-dicarboximide)	1/26/94	3/28/94
57137-10-7	Tribrominated polystyrene	1/11/90	3/12/90
61262-53-1	Ethylene bis(pentabromophenoxy)	1/11/90	3/12/90
68928-76-7	Stannane, dimethylbis[(1-oxodecyl)oxy]-	7/11/03	9/9/03
88185-22-2	Benzoic acid, 3-[2-chloro-4-(trifluoromethyl)phenoxy]-, 2-ethoxy-1-methyl-2-oxoethyl ester.	8/27/01	10/24/01

(e) Manufacturers and importers of the substances listed below by category must submit a Preliminary Assessment

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date shown in the table below. The categories are listed in alphabetic order with the chemical substances within each category listed by ascending numerical CAS number.

CAS No.	Substance	Effective date	Reporting date
Aldehydes			
66-77-3	1-Naphthalenecarboxaldehyde	9/30/91	11/27/91
75-07-0	Acetaldehyde	9/30/91	11/27/91
75-87-6	Acetaldehyde, trichloro-	9/30/91	11/27/91
78-84-2	Propanal, 2-methyl-	9/30/91	11/27/91
78-85-3	2-Propenal, 2-methyl-	9/30/91	11/27/91
80-54-6	Benzenepropenal, 4-(1,1-dimethylethyl)-.alpha.-methyl-	9/30/91	11/27/91
84-83-3	Acetaldehyde, (1,3-dihydro-1,3, 3-trimethyl-2H-indol-2-ylidene).		
89-98-5	Benzaldehyde, 2-chloro-	9/30/91	11/27/91
90-02-8	Benzaldehyde, 2-hydroxy-	9/30/91	11/27/91
93-02-7	Benzaldehyde, 2,5-dimethoxy-	9/30/91	11/27/91
93-53-8	Benzeneacetaldehyde, .alpha.-methyl-	9/30/91	11/27/91
95-01-2	Benzaldehyde, 2,4-dihydroxy-	9/30/91	11/27/91
97-51-8	Benzaldehyde, 2-hydroxy-5-nitro-	9/30/91	11/27/91
98-01-1	2-Furancarboxaldehyde	9/30/91	11/27/91
98-03-3	2-Thiophenecarboxaldehyde	9/30/91	11/27/91
100-10-7	Benzaldehyde, 4-(dimethylamino)-	9/30/91	11/27/91
100-50-5	3-Cyclohexene-1-carboxaldehyde	9/30/91	11/27/91
100-52-7	Benzaldehyde	9/30/91	11/27/91
101-39-3	2-Propenal, 2-methyl-3-phenyl-	9/30/91	11/27/91
101-86-0	Octanal, 2-(phenylmethylene)-	9/30/91	11/27/91
103-95-7	Benzenepropenal, .alpha.-methyl-4-(1-methylethyl)-	9/30/91	11/27/91
104-09-6	Benzeneacetaldehyde, 4-methyl-	9/30/91	11/27/91
104-55-2	2-Propenal, 3-phenyl-	9/30/91	11/27/91
104-87-0	Benzaldehyde, 4-methyl-	9/30/91	11/27/91
104-88-1	Benzaldehyde, 4-chloro-	9/30/91	11/27/91
106-23-0	6-Octenal, 3,7-dimethyl-	9/30/91	11/27/91
106-26-3	2,6-Octadienal, 3,7-dimethyl-, (Z)-	9/30/91	11/27/91
106-72-9	5-Heptenal, 2,6-dimethyl-	9/30/91	11/27/91
107-02-8	2-Propenal	9/30/91	11/27/91
107-20-0	Acetaldehyde, chloro-	9/30/91	11/27/91
107-22-2	Ethanedial	9/30/91	11/27/91
107-75-5	Octanal, 7-hydroxy-3,7-dimethyl-	9/30/91	11/27/91
110-41-8	Undecanal, 2-methyl-	9/30/91	11/27/91
110-62-3	Pentanal	9/30/91	11/27/91
111-30-8	Pentanedial	9/30/91	11/27/91
111-71-7	Heptanal	9/30/91	11/27/91
112-31-2	Decanal	9/30/91	11/27/91
112-44-7	Undecanal	9/30/91	11/27/91
112-45-8	10-Undecenal	9/30/91	11/27/91
112-54-9	Dodecanal	9/30/91	11/27/91
120-14-9	Benzaldehyde, 3,4-dimethoxy-	9/30/91	11/27/91
120-21-8	Benzaldehyde, 4-(diethylamino)-	9/30/91	11/27/91
120-57-0	1,3-Benzodioxole-5-carboxaldehyde	9/30/91	11/27/91
121-32-4	Benzaldehyde, 3-ethoxy-4-hydroxy-	9/30/91	11/27/91
121-33-5	Benzaldehyde, 4-hydroxy-3-methoxy-	9/30/91	11/27/91
122-40-7	Heptanal, 2-(phenylmethylene)-	9/30/91	11/27/91
122-78-1	Benzeneacetaldehyde	9/30/91	11/27/91
123-05-7	Hexanal, 2-ethyl-	9/30/91	11/27/91
123-08-0	Benzaldehyde, 4-hydroxy-	9/30/91	11/27/91
123-11-5	Benzaldehyde, 4-methoxy-	9/30/91	11/27/91
123-38-6	Propanal	9/30/91	11/27/91
124-13-0	Octanal	9/30/91	11/27/91
124-19-6	Nonanal	9/30/91	11/27/91
126-15-8	4a(4H)-Dibenzofurancarboxaldehyde, 1,5a,6,9,9a,9b-hexahydro-	9/30/91	11/27/91
135-02-4	Benzaldehyde, 2-methoxy-	9/30/91	11/27/91
141-27-5	2,6-Octadienal, 3,7-dimethyl-, (E)-	9/30/91	11/27/91
143-14-6	9-Undecenal	9/30/91	11/27/91
455-19-6	Benzaldehyde, 4-(trifluoromethyl)-	9/30/91	11/27/91
505-57-7	02-Hexenal	9/30/91	11/27/91
552-89-6	Benzaldehyde, 2-nitro-	9/30/91	11/27/91
590-86-3	Butanal, 3-methyl-	9/30/91	11/27/91
597-31-9	Propanal, 3-hydroxy-2,2-dimethyl-	9/30/91	11/27/91
939-97-9	Benzaldehyde, 4-(1,1-dimethylethyl)-	9/30/91	11/27/91
1121-60-4	2-Pyridinecarboxaldehyde	9/30/91	11/27/91
1200-14-2	Benzaldehyde, 4-butyl	9/30/91	11/27/91
1331-92-6	2-Propenal, 3-phenyl-, monopentyl deriv.	9/30/91	11/27/91
1334-78-7	Benzaldehyde, methyl-	9/30/91	11/27/91

CAS No.	Substance	Effective date	Reporting date
Aldehydes			
1423-46-7	3-Cyclohexene-1-carboxaldehyde, 2,4,6-trimethyl-	9/30/91	11/27/91
1504-74-1	2-Propenal, 3-(2-methoxyphenyl)-	9/30/91	11/27/91
2591-86-8	1-Piperidinecarboxaldehyde	9/30/91	11/27/91
3132-99-8	Benzaldehyde, 3-bromo-	9/30/91	11/27/91
3268-49-3	Propanal, 3-(methylthio)-	9/30/91	11/27/91
3613-30-7	Octanal, 7-methoxy-3,7-dimethyl-	9/30/91	11/27/91
4501-58-0	3-Cyclopentene-1-acetaldehyde, 2,2,3-trimethyl-	9/30/91	11/27/91
5435-64-3	Hexanal, 3,5,5-trimethyl-	9/30/91	11/27/91
5780-07-4	1,3-Benzodioxole-5-carboxaldehyde, 7-methoxy-	9/30/91	11/27/91
5949-05-3	6-Octenal, 3,7-dimethyl-, (S)-	9/30/91	11/27/91
5988-91-0	Octanal, 3,7-dimethyl-	9/30/91	11/27/91
10031-82-0	Benzaldehyde, 4-ethoxy-	9/30/91	11/27/91
13586-68-0	2-Propenal, 3- 4-(1,1-dimethylethyl)phenyl-2-methyl-	9/30/91	11/27/91
17754-90-4	Benzaldehyde, 4-(diethylamino)-2-hydroxy-	9/30/91	11/27/91
26266-68-2	Hexenal, 2-ethyl-	9/30/91	11/27/91
27939-60-2	3-Cyclohexene-1-carboxaldehyde, dimethyl-	9/30/91	11/27/91
28602-27-9	Benzaldehyde, (dimethylamino)-	9/30/91	11/27/91
31906-04-4	3-Cyclohexene-1-carboxaldehyde, 4-(4-hydroxy-4-methylpentyl)-	9/30/91	11/27/91
37677-14-8	3-Cyclohexene-1-carboxaldehyde, 4-(4-methyl-3-pentenyl)-	9/30/91	11/27/91
39515-51-0	Benzaldehyde, 3-phenoxy-	9/30/91	11/27/91
52475-86-2	3-Cyclohexene-1-carboxaldehyde, 1-methyl-4-(4-methyl-3-pentenyl)-	9/30/91	11/27/91
66327-54-6	3-Cyclohexene-1-carboxaldehyde, 1-methyl-4-(4-methylpentyl)-	9/30/91	11/27/91
Alkyl-, Chloro-, and Hydroxymethyl Diaryl Ethers			
3061-36-7	1,4-Diphenoxybenzene	04/12/93	06/10/93
3586-14-9	Benzene, 1-methyl-3-phenoxy-	04/12/93	06/10/93
13826-35-2	Benzenemethanol, 3-phenoxy-,	04/12/93	06/10/93
28299-41-4	Benzene, 1,1',-oxybis[methyl-	04/12/93	06/10/93
28984-89-6	1,1'-Biphenyl, phenoxy-	04/12/93	06/10/93
42874-96-4	2-Chloro-1-(3-methylphenoxy)-4-(trifluoromethyl)benzene	04/12/93	06/10/93
50594-77-9	Phenol, 3-[2-chloro-4-(trifluoromethyl)phenoxy]-, acetate	04/12/93	06/10/93
50789-44-1	Benzenemethanol, 3-phenoxy-, acetate	04/12/93	06/10/93
51632-16-7	Benzene, 1-(bromomethyl)-3-phenoxy-	04/12/93	06/10/93
61702-88-3	Benzene, 1,1'-oxybis[(1,1,3,3-tetramethylbutyl)-	04/12/93	06/10/93
63734-62-3	Benzoic acid, 3-[2-chloro-4-(trifluoromethyl)phenoxy]-,	04/12/93	06/10/93
69834-19-1	Benzene, 1,1'-oxybis[dodecyl-	04/12/93	06/10/93
72252-48-3	Benzoic acid, 3-[2-chloro-4-(trifluoromethyl)phenoxy]-, potassium salt	04/12/93	06/10/93
Alkylphenols, Alkylphenol ethoxylates, and Polyalkylphenols			
80-46-6	4-tert-Pentylphenol	3/29/96	5/29/96
88-18-6	2-tert-Butylphenol	3/29/96	5/29/96
94-06-4	4-(1-Methylbutyl)phenol	3/29/96	5/29/96
98-54-4	4-tert-Butylphenol	3/29/96	5/29/96
99-71-8	4-sec-Butylphenol	3/29/96	5/29/96
104-40-5	4-Nonylphenol	3/29/96	5/29/96
104-43-8	4-Dodecylphenol	3/29/96	5/29/96
136-81-2	Phenol, 2-pentyl-	8/4/00	10/3/00
140-66-9	Phenol, 4-(1,1,3,3-tetramethylbutyl)-	8/4/00	10/3/00
949-13-3	2-Octylphenol	3/29/96	5/29/96
1300-16-9	Nonylphenol (mixed isomers)	3/29/96	5/29/96
1322-69-6	(1,1,3,3-Tetramethylbutyl)phenol (mixed isomers)	3/29/96	5/29/96
1331-57-3	Dodecylphenol (mixed isomers)	3/29/96	5/29/96
1638-22-8	4-n-Butylphenol	3/29/96	5/29/96
1806-26-4	4-Octylphenol	3/29/96	5/29/96
1987-50-4	Phenol, 4-heptyl-	8/4/00	10/3/00
2315-66-4	Decaethylene glycol 4-isooctylphenyl ether	3/29/96	5/29/96
2446-69-7	Phenol, 4-hexyl-	8/4/00	10/3/00
2497-58-7	Hexaethylene glycol 4-isooctylphenyl ether	3/29/96	5/29/96
2589-78-8	Phenol, 4-hexadecyl-	8/4/00	10/3/00
3180-09-4	2-Butylphenol	3/29/96	5/29/96
3279-27-4	Phenol, 2-(1,1-dimethylpropyl)-	8/4/00	10/3/00
3884-95-5	2-(1,1,3,3-Tetramethylbutyl)phenol	3/29/96	5/29/96
9002-93-1	Polyethylene glycol 4-(tert-octyl)phenyl ether	3/29/96	5/29/96
9004-87-9	Poly(oxy-1,2-ethanediyl), α -(isooctylphenyl)- ω -hydroxy-	8/4/00	10/3/00
9014-92-0	Poly(oxy-1,2-ethanediyl), α -(dodecylphenyl)- ω -hydroxy-	8/4/00	10/3/00
9036-19-5	Polyethylene glycol mono(octyl)phenyl ether	3/29/96	5/29/96
9063-89-2	Poly(oxy-1,2-ethanediyl), α -(octylphenyl)- ω -hydroxy-	8/4/00	10/3/00
11066-49-2	Isononylphenol (mixed isomers)	3/29/96	5/29/96
14938-35-3	4-Pentylphenol	3/29/96	5/29/96
17404-66-9	4-(1-Methyloctyl)phenol	3/29/96	5/29/96

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Alkylphenols, Alkylphenol ethoxylates, and Polyalkylphenols			
25154-52-3	Nonylphenol (mixed isomers)	3/29/96	5/29/96
25401-86-9	Phenol, 2-hexadecyl-	8/4/00	10/3/00
25735-67-5	Phenol, 4-sec-pentyl-	8/4/00	10/3/00
26401-47-8	Poly(oxy-1,2-ethanediyl), α -(4-dodecylphenyl)- ω -hydroxy-	8/4/00	10/3/00
26401-74-1	Phenol, 2-sec-pentyl-	8/4/00	10/3/00
27157-66-0	Phenol, decyl-	8/4/00	10/3/00
27178-34-3	tert-Butylphenol (mixed isomers)	3/29/96	5/29/96
27193-28-8	(1,1,3,3-Tetramethylbutyl)phenol (mixed isomers)	3/29/96	5/29/96
27193-86-8	Dodecylphenol (mixed isomers)	3/29/96	5/29/96
27985-70-2	(1-Methylheptyl)phenol (mixed isomers)	3/29/96	5/29/96
29932-96-5	(1,1,3,3-Tetramethylbutyl)phenol (mixed isomers)	3/29/96	5/29/96
30105-54-5	(1,1,3,3-Tetramethylbutyl)phenol (mixed isomers)	3/29/96	5/29/96
31195-95-6	Isobutylphenol (mixed isomers)	3/29/96	5/29/96
54932-78-4	4-(2,2,3,3-Tetramethylbutyl)phenol	3/29/96	5/29/96
59911-95-4	Poly(oxy-1,2-ethanediyl), α -(4-hexadecylphenyl)- ω -hydroxy-	8/4/00	10/3/00
61723-87-3	Poly(oxy-1,2-ethanediyl), α -(tridecylphenyl)- ω -hydroxy-	8/4/00	10/3/00
62744-41-6	(1,1,3,3-Tetramethylbutyl)phenol (mixed isomers)	3/29/96	5/29/96
68081-86-7	Phenol, nonyl derivs.	8/4/00	10/3/00
68784-24-7	Phenol, C18-30-alkyl derivs.	8/4/00	10/3/00
68891-67-8	Phenol, polypropene derivs.	8/4/00	10/3/00
68908-55-4	Phenol, polybutene derivs.	8/4/00	10/3/00
68954-70-1	Phenol, polyethyl derivs.	8/4/00	10/3/00
68987-90-6	Poly(oxy-1,2-ethanediyl), α -(octylphenyl)- ω -hydroxy-, branched	3/29/96	5/29/96
70682-80-3	Phenol, tetradecyl-	8/4/00	10/3/00
71902-25-5	Phenol, octenylated	8/4/00	10/3/00
72624-02-3	Phenol, heptyl derivs.	8/4/00	10/3/00
74499-35-7	Phenol, (tetrapropenyl) derivs.	8/4/00	10/3/00
84605-25-4	Phenol, 1-methylhexyl derivs.	8/4/00	10/3/00
84852-15-3	Branched 4-nonylphenol (mixed isomers)	3/29/96	5/29/96
91672-41-2	Phenol, 2-nonyl-, branched	8/4/00	10/3/00
112375-88-9	Phenol, polyisobutylene derivs.	8/4/00	10/3/00
112375-89-0	Phenol, poly(2,4,4-trimethylpentene) derivs	8/4/00	10/3/00
Alkyl phosphates			
78-40-0	Phosphoric acid, triethyl ester	10/29/90	12/27/90
78-42-2	Phosphoric acid, tris(2-ethylhexyl)ester	10/29/90	12/27/90
78-51-3	Ethanol, 2-butoxy-, phosphate (3:1)	10/29/90	12/27/90
107-66-4	Phosphoric acid, dibutyl ester	10/29/90	12/27/90
126-71-6	Phosphoric acid, tris(2-methylpropyl) ester	10/29/90	12/27/90
126-73-8	Phosphoric acid tributyl ester	10/29/90	12/27/90
298-07-7	Phosphoric acid, bis(2-ethylhexyl)ester	10/29/90	12/27/90
812-00-0	Phosphoric acid, monomethyl ester	10/29/90	12/27/90
1070-03-7	Phosphoric acid, mono(2-ethylhexyl)ester	10/29/90	12/27/90
1498-51-7	Phosphorodichloridic acid, ethylester	10/29/90	12/27/90
1623-15-0	Phosphoric acid, monobutyl ester	10/29/90	12/27/90
1623-24-1	Phosphoric acid, mono(1-methylethyl)ester	10/29/90	12/27/90
2958-09-0	Phosphoric acid, monooctadecyl ester	10/29/90	12/27/90
3900-04-7	Phosphoric acid, monohexyl ester	10/29/90	12/27/90
3991-73-9	Phosphoric acid, monooctyl ester	10/29/90	12/27/90
7057-92-3	Phosphoric acid, didodecyl ester	10/29/90	12/27/90
7332-46-9	Ethanol, 2-(2-butoxyethoxy)-, phosphate (3:1)	10/29/90	12/27/90
12645-31-7	Phosphoric acid, 2-ethylhexyl ester	10/29/90	12/27/90
12751-23-4	Phosphoric acid, dodecyl ester	10/29/90	12/27/90
27215-10-7	Phosphoric acid, diisooctyl ester	10/29/90	12/27/90
Brominated flame retardants			
87-10-5	Benzamide, 3,5-dibromo-N-(4-bromophenyl)-2-hydroxy-	10/29/90	12/27/90
87-83-2	Benzene, pentabromomethyl-	10/29/90	12/27/90
87-84-3	Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	10/29/90	12/27/90
96-13-9	1-Propanol, 2,3-dibromo-	10/29/90	12/27/90
593-60-2	Ethene, bromo-	10/29/90	12/27/90
615-58-7	Phenol, 2,4-dibromo-	10/29/90	12/27/90
4162-45-2	Ethanol, 2,2'-((1-methylethylidene)bis((2,6-dibromo-4,1-phenylene)oxy))bis-	10/29/90	12/27/90
25327-89-3	Benzene, 1,1'-((1-methylethylidene)bis(3,5-dibromo-4-(2-propenyloxy))-	10/29/90	12/27/90
30554-72-4	Cyclohexane, tetrabromodichloro-	10/29/90	12/27/90
30554-73-5	Cyclohexane, tribromotrichloro-	10/29/90	12/27/90
36483-57-5	1-Propanol, 2,2-dimethyl-, tribromo deriv.	10/29/90	12/27/90
55205-38-4	2-Propenoic acid, (1-methylethylidene)bis(2,6-dibromo-4,1-phenylene) ester	10/29/90	12/27/90
68955-41-9	Alkanes, C10-18, bromochloro-	10/29/90	12/27/90
69882-11-7	Phenol, 2,4(or 2,6)-dibromo-, homopolymer	10/29/90	12/27/90

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Brominated flame retardants			
88497–56–7	Benzene, ethenyl-, homopolymer, brominated	10/29/90	12/27/90
Chloralkyl phosphates			
34621–99–3	1,2-Ethanediyttetrakis(2-chloro-1-methylethylene) phosphate	6/14/93	8/12/93
38051–10–4	2,2-Bis(chloromethyl)-1,3-propanediyttetrakis(2-chloroethyl) phosphate	6/14/93	8/12/93
53461–82–8	Oxydi-2,1-ethanediyttetrakis(2-chloroethyl) phosphate	6/14/93	8/12/93
76649–15–5	2-Chloro-1-methylethylbis(2-chloropropyl) phosphate.		
Cyanoacrylates			
137–05–3	2-Propenoic acid, 2-cyano-, methyl ester	1/26/94	3/28/94
1069–55–2	2-Propenoic acid, 2-cyano-, isobutyl ester	1/26/94	3/28/94
6197–30–4	2-Propenoic acid, 2-cyano-3,3-diphenyl-, 2-ethylhexyl ester	1/26/94	3/28/94
6606–65–1	2-Propenoic acid, 2-cyano-, butyl ester	1/26/94	3/28/94
7085–85–0	2-Propenoic acid, 2-cyano-, ethyl ester	1/26/94	3/28/94
7324–02–9	2-Propenoic acid, 2-cyano-, 2-propenyl ester	1/26/94	3/28/94
10586–17–1	2-Propenoic acid, 2-cyano-, 1-methylethyl ester	1/26/94	3/28/94
21982–43–4	2-Propenoic acid, 2-cyano-, ethoxyethyl ester	1/26/94	3/28/94
23023–91–8	2-Propenoic acid, 2-cyano-, 2,2,2-trifluoromethyl ester	1/26/94	3/28/94
27816–23–5	2-Propenoic acid, 2-cyano-, 2-methoxyethyl ester	1/26/94	3/28/94
64992–16–1	Ethanaminium, 2-[[2-cyano-3-[4-(diethylamino)phenyl]-1-oxo-2-propenyl]oxy]- N,N,N-trimethyl-, chloride.	1/26/94	3/28/94
Indium Chemicals			
923–34–2	Triethylindium	8/27/01	10/24/01
1303–11–3	Indium arsenide	8/27/01	10/24/01
1312–41–0	Indium antimonide	8/27/01	10/24/01
1312–43–2	Indium (III) oxide	8/27/01	10/24/01
1312–45–4	Indium (III) telluride	8/27/01	10/24/01
4194–69–8	Indium (III) citrate	8/27/01	10/24/01
7440–74–6	Indium	8/27/01	10/24/01
7783–52–0	Indium (III) fluoride	8/27/01	10/24/01
10025–82–8	Indium (III) chloride	8/27/01	10/24/01
12018–95–0	Copper indium diselenide	8/27/01	10/24/01
12030–14–7	Indium (II) sulfide	8/27/01	10/24/01
12030–24–9	Indium (III) sulfide	8/27/01	10/24/01
12056–07–4	Indium selenide	8/27/01	10/24/01
12672–70–7	Indium chloride	8/27/01	10/24/01
12672–71–8	Indium oxide	8/27/01	10/24/01
13464–82–9	Indium (III) sulfate	8/27/01	10/24/01
13465–09–3	Indium (III) bromide	8/27/01	10/24/01
13465–10–6	Indium (I) chloride	8/27/01	10/24/01
13510–35–5	Indium (III) iodide	8/27/01	10/24/01
13709–93–8	Indium (III) borate	8/27/01	10/24/01
13770–61–1	Indium (III) nitrate	8/27/01	10/24/01
13966–94–4	Indium (I) iodide	8/27/01	10/24/01
14166–78–0	Indium (III) fluoride	8/27/01	10/24/01
14280–53–6	Indium (I) bromide	8/27/01	10/24/01
14405–45–9	Indium tris(acetylacetonate)	8/27/01	10/24/01
20661–21–6	Indium (III) hydroxide	8/27/01	10/24/01
22398–80–7	Indium (I) phosphide	8/27/01	10/24/01
25114–58–3	Indium (III) acetate	8/27/01	10/24/01
25617–98–5	Indium nitride	8/27/01	10/24/01
27765–48–6	Indium (III) tetrafluoroborate	8/27/01	10/24/01
50926–11–9	Indium tin oxide	8/27/01	10/24/01
55326–87–9	Indium hydroxide	8/27/01	10/24/01
66027–93–8	Indium (III) sulfamate	8/27/01	10/24/01
66027–94–9	Hydroxybis(trifluoroacetato-O)indium	8/27/01	10/24/01
67816–06–2	Indium (III) 2-ethylhexanoate	8/27/01	10/24/01
68310–35–0	Indium (III) neodecanoate	8/27/01	10/24/01
71243–84–0	Indium tin oxide (In _{1.69} Sn _{0.1502} O _{2.85})	8/27/01	10/24/01
IRIS Chemicals			
51-28-5	2,4 Dinitrophenol	9/30/91	11/27/91
95-65-8	3,4 Dinethylphenol	9/30/91	11/27/91
Isocyanates			
91–97–4	1,1'-Biphenyl, 4,4'-diisocyanato-3,3'-dimethyl-	10/29/90	12/27/90

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Isocyanates			
100-28-7	Benzene, 1-isocyanato-4-nitro-	10/29/90	12/27/90
101-68-8	Benzene, 1,1'-methylenebis(4-isocyanato-	10/29/90	12/27/90
102-36-3	Benzene, 1,2-dichloro-4-isocyanato-	10/29/90	12/27/90
103-71-9	Benzene, isocyanato-	10/29/90	12/27/90
104-12-1	Benzene, 1-chloro-4-isocyanato-	10/29/90	12/27/90
104-49-4	Benzene, 1,4-diisocyanato-	10/29/90	12/27/90
109-90-0	Ethane, isocyanato-	10/29/90	12/27/90
110-78-1	Propane, 1-isocyanato-	10/29/90	12/27/90
111-36-4	Butane, 1-isocyanato-	10/29/90	12/27/90
112-96-9	Octadecane, 1-isocyanato-	10/29/90	12/27/90
123-61-5	Benzene, 1,3-diisocyanato-	10/29/90	12/27/90
329-01-1	Benzene, 1-isocyanato-3-(trifluoromethyl)-	10/29/90	12/27/90
614-68-6	Benzene, 1-isocyanato-2-methyl-	10/29/90	12/27/90
622-58-2	Benzene, 1-isocyanato-4-methyl-	10/29/90	12/27/90
624-83-9	Methane, isocyanato-	10/29/90	12/27/90
1476-23-9	1-Propene, 3-isocyanato-	10/29/90	12/27/90
2422-91-5	Benzene, 1,1',1''-methylidynetris(4-isocyanato-	10/29/90	12/27/90
2493-02-9	Benzene, 1-bromo-4-isocyanato-	10/29/90	12/27/90
2909-38-8	Benzene, 1-chloro-3-isocyanato-	10/29/90	12/27/90
2949-22-6	Acetic acid, isocyanato-, ethyl ester	10/29/90	12/27/90
3173-53-3	Cyclohexane, isocyanato-	10/29/90	12/27/90
4035-89-6	Imidodicarbonic diamide,N,N',2-tris(6-isocyanatohexyl)-	10/29/90	12/27/90
4098-71-9	Cyclohexane, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethyl-	10/29/90	12/27/90
4151-51-3	Phenol, 4-isocyanato-, phosphorothioate (3:1) (ester)	10/29/90	12/27/90
5124-30-1	Cyclohexane, 1,1'-methylenebis(4-isocyanato-	10/29/90	12/27/90
5873-54-1	Benzene, 1-isocyanato-2-((4-isocyanatophenyl)methyl)-	10/29/90	12/27/90
10031-75-1	Benzene, 1,1'-(diisocyanatomethylene)bis-	10/29/90	12/27/90
15646-96-5	Hexane, 1,6-diisocyanato-2,4,4-trimethyl-	10/29/90	12/27/90
16938-22-0	Hexane, 1,6-diisocyanato-2,2,4-trimethyl-	10/29/90	12/27/90
25854-16-4	Benzene, bis(isocyanatomethyl)-	10/29/90	12/27/90
26447-40-5	Benzene, 1,1'-methylenebis(isocyanato-	10/29/90	12/27/90
26603-40-7	1,3,5,-Triazine-2,4,6-(1H,3H,5H-trione, 1,3,5-tris(3-isocyanatomethylphenyl)-	10/29/90	12/27/90
26747-90-0	1,3-Diazetidene-2,4-dione, 1,3-bis(3-isocyanatomethylphenyl)-	10/29/90	12/27/90
28178-42-9	Benzene, 2-isocyanato-1,3-bis(1-methylethyl)-	10/29/90	12/27/90
28556-81-2	Benzene, 2-isocyanato-1,3-dimethyl-	10/29/90	12/27/90
30674-80-7	2-Propenoic acid, 2-methyl-,2-isocyanatoethyl ester	10/29/90	12/27/90
34893-92-0	Benzene, 1,3-dichloro-5-isocyanato-	10/29/90	12/27/90
68239-06-5	Cyclohexane, 2-heptyl-3,4-bis(9-isocyanatononyl)-1-pentyl-	10/29/90	12/27/90
73597-26-9	2-Propenoic acid, 2-methyl-, 2-((((5-isocyanato-1,3,3-trimethylcyclohexyl)methyl)amino)carbonyloxy)ethyl ester.	10/29/90	12/27/90
Methyl ethylene glycol ethers and esters			
3121-61-7	Ethylene glycol monomethyl ether acrylate	1/26/94	3/28/94
23783-42-8	Tetraethylene glycol monomethyl ether	1/26/94	3/28/94
Nonylphenol ethoxylates			
7311-27-5	Ethanol, 2-[2-[2-(p-nonylphenoxy)ethoxy]ethoxy]ethoxy]-	2/10/00	4/10/00
9016-45-9	Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy-	2/10/00	4/10/00
20427-84-3	Ethanol, 2-[2-(p-nonylphenoxy)ethoxy]-	2/10/00	4/10/00
20636-48-0	3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-	2/10/00	4/10/00
26027-38-3	Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-	2/10/00	4/10/00
26264-02-8	3,6,9,12-Tetraoxatetradecan-1-ol, 14-(nonylphenoxy)-	2/10/00	4/10/00
26571-11-9	3,6,9,12,15,18,21,24-Octaoxahexacosan-1-ol, 26-(nonylphenoxy)-	2/10/00	4/10/00
27176-93-8	Ethanol, 2-[2-(nonylphenoxy)ethoxy]-	2/10/00	4/10/00
27177-01-1	3,6,9,12,15-Pentaoxaheptadecan-1-ol, 17-(nonylphenoxy)-	2/10/00	4/10/00
27177-05-5	3,6,9,12,15,18,21-Heptaooxacosan-1-ol, 23-(nonylphenoxy)-	2/10/00	4/10/00
27177-08-8	3,6,9,12,15,18,21,24,27-Nonaooxanonacosan-1-ol, 29-(nonylphenoxy)-	2/10/00	4/10/00
27986-36-3	Ethanol, 2-(nonylphenoxy)-	2/10/00	4/10/00
37205-87-1	Poly(oxy-1,2-ethanediyl), alpha-(isononylphenyl)-omega-hydroxy-	2/10/00	4/10/00
51938-25-1	Poly(oxy-1,2-ethanediyl), alpha-(2-nonylphenyl)-omega-hydroxy-	2/10/00	4/10/00
65455-72-3	3,6,9,12,15,18,21,24,27-Nonaooxanonacosan-1-ol, 29-(isononylphenoxy)-	2/10/00	4/10/00
68412-54-4	Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy-, branched	2/10/00	4/10/00
98113-10-1	NP9	2/10/00	4/10/00
127087-87-0	Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	2/10/00	4/10/00
152143-22-1	Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched, phosphates.	2/10/00	4/10/00
OSHA Chemicals in Need of Dermal Absorption Testing			
60-29-7	Ethyl ether	1/26/94	3/28/94

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OSHA Chemicals in Need of Dermal Absorption Testing			
61–82–5	Amitrole	3/11/94	5/10/94
74–96–4	Ethyl bromide	3/11/94	5/10/94
75–05–8	Acetonitrile	8/4/95	10/3/95
75–12–7	Formamide	8/4/95	10/3/95
75–15–0	Carbon disulfide	3/11/94	5/10/94
75–25–2	Bromoform	3/11/94	5/10/94
75–34–3	1,1-Dichloroethane	3/11/94	5/10/94
75–35–4	Vinylidene chloride	8/4/95	10/3/95
75–65–0	<i>tert</i> -Butyl alcohol	1/26/94	3/28/94
76–22–2	Camphor	1/26/94	3/28/94
77–73–6	Dicyclopentadiene	8/4/95	10/3/95
77–78–1	Dimethyl sulfate	3/11/94	5/10/94
78–59–1	Isophorone	8/4/95	10/3/95
78–87–5	Propylene dichloride	8/4/95	10/3/95
78–92–2	<i>sec</i> -Butyl alcohol	1/26/94	3/28/94
79–20–9	Methyl acetate	1/26/94	3/28/94
79–46–9	2-Nitropropane	3/11/94	5/10/94
88–72–2	<i>o</i> -Nitrotoluene	3/11/94	5/10/94
89–72–5	<i>o</i> - <i>sec</i> -Butylphenol	3/11/94	5/10/94
90–04–0	<i>o</i> -Anisidine	3/11/94	5/10/94
91–20–3	Naphthalene	8/4/95	10/3/95
92–52–4	Biphenyl	8/4/95	10/3/95
95–13–6	Indene	3/11/94	5/10/94
95–49–8	<i>o</i> -Chlorotoluene	3/11/94	5/10/94
95–50–1	<i>o</i> -Dichlorobenzene	8/4/95	10/3/95
96–18–4	1,2,3-Trichloropropane	8/4/95	10/3/95
97–77–8	Disulfiram	1/26/94	3/28/94
98–29–3	<i>t</i> -Butylcatechol	8/4/95	10/3/95
99–08–1	<i>m</i> -Nitrotoluene	8/4/95	10/3/95
99–65–0	<i>m</i> -Dinitrobenzene	3/11/94	5/10/94
99–99–0	<i>p</i> -Nitrotoluene	8/4/95	10/3/95
100–00–5	<i>p</i> -Nitrochlorobenzene	3/11/94	5/10/94
100–01–6	<i>p</i> -Nitroaniline	3/11/94	5/10/94
100–44–7	Benzyl chloride	3/11/94	5/10/94
100–25–4	<i>p</i> -Dinitrobenzene	1/26/94	3/28/94
100–63–0	Phenyldiazine	3/11/94	5/10/94
105–46–4	<i>sec</i> -Butyl acetate	1/26/94	3/28/94
106–42–3	<i>p</i> -Xylene	1/26/94	3/28/94
106–46–7	<i>p</i> -Dichlorobenzene	8/4/95	10/3/95
106–49–0	<i>p</i> -Toluidine	3/11/94	5/10/94
107–06–2	Ethylene dichloride	8/4/95	10/3/95
107–31–3	Methyl formate	1/26/94	3/28/94
107–66–4	Dibutyl phosphate	1/26/94	3/28/94
108–03–2	1-Nitropropane	1/26/94	3/28/94
108–44–1	<i>m</i> -Toluidine	3/11/94	5/10/94
108–87–2	Methylcyclohexane	1/26/94	3/28/94
108–90–7	Chlorobenzene	3/11/94	5/10/94
108–93–0	Cyclohexanol	8/4/95	10/3/95
109–66–0	Pentane	1/26/94	3/28/94
109–99–9	Tetrahydrofuran	3/11/94	5/10/94
110–12–3	Methyl isoamyl ketone	8/4/95	10/3/95
110–83–8	Cyclohexene	1/26/94	3/28/94
111–84–2	Nonane	1/26/94	3/28/94
120–80–9	Catechol	8/4/95	10/3/95
121–14–2	2,4-Dinitrotoluene	3/11/94	5/10/94
121–69–7	Dimethylaniline	8/4/95	10/3/95
122–39–4	Diphenylamine	3/11/94	5/10/94
123–42–2	Diacetone alcohol	8/4/95	10/3/95
123–92–2	Isoamyl acetate	1/26/94	3/28/94
126–99–8	<i>beta</i> -Chloroprene	3/11/94	5/10/94
127–19–5	Dimethyl acetamide	8/4/95	10/3/95
142–82–5	Heptane (<i>n</i> -Heptane)	1/26/94	3/28/94
150–76–5	<i>p</i> -Methoxyphenol	3/11/94	5/10/94
287–92–3	Cyclopentane	1/26/94	3/28/94
528–29–0	<i>o</i> -Dinitrobenzene	3/11/94	5/10/94
532–27–4	<i>a</i> -Chloroacetophenone	1/26/94	3/28/94
540–59–0	1,2-Dichloroethylene	3/11/94	5/10/94
540–88–5	<i>tert</i> -Butyl acetate	1/26/94	3/28/94
542–92–7	Cyclopentadiene	8/4/95	10/3/95
626–17–5	<i>m</i> -Phthalodinitrile	3/11/94	5/10/94
628–63–7	<i>n</i> -Amyl acetate	1/26/94	3/28/94

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OSHA Chemicals in Need of Dermal Absorption Testing			
768-52-5	N-Isopropylaniline	3/11/94	5/10/94
1300-73-8	Xylidine	3/11/94	5/10/94
6423-43-4	Propylene glycol dinitrate	3/11/94	5/10/94
7631-90-5	Sodium bisulfite	1/26/94	3/28/94
7681-57-4	Sodium metabisulfite	1/26/94	3/28/94
25013-15-4	Vinyl toluene	3/11/94	5/10/94
34590-94-8	Dipropylene glycol methyl ether	8/4/95	10/3/95
Propylene glycol ethers and esters			
108-65-6	Propylene glycol monomethyl ether acetate	1/26/94	3/28/94
110-98-5	Dipropylene glycol	1/26/94	3/28/94
770-35-4	1-Phenoxy-2-propanol	1/26/94	3/28/94
20324-32-7	1-(2-Methoxy-1-methylethoxy)-2-propanol	1/26/94	3/28/94
20324-33-8	Tripropylene glycol methyl ether	1/26/94	3/28/94
28677-93-2	Methoxy-1-propanol	1/26/94	3/28/94
29387-86-8	Propylene glycol monobutyl ether	1/26/94	3/28/94
29911-28-2	Dipropylene glycol butyl ether	1/26/94	3/28/94
42978-66-5	Tripropylene glycol diacrylate	1/26/94	3/28/94
57018-52-7	Propylene glycol mono- <i>tert</i> -butyl ether	1/26/94	3/28/94
88917-22-0	Dipropylene glycol monomethyl ether acetate	1/26/94	3/28/94
Pyridinamines			
462-08-8	3-Pyridinamine	1/6/05	3/7/05
504-24-5	4-Pyridinamine	1/6/05	3/7/05
504-29-0	2-Pyridinamine	1/6/05	3/7/05
Siloxanes			
107-46-0	Hexamethyldisiloxane	10/12/93	2/28/94
107-50-6	Tetradecamethylcyclodecasiloxane	10/12/93	2/28/94
107-51-7	Octamethyltrisiloxane	10/12/93	2/28/94
107-52-8	Tetradecamethylhexasiloxane	10/12/93	2/28/94
107-53-9	Tetracosamethylundecasiloxane	10/12/93	2/28/94
141-62-8	Decamethyltetrasiloxane	10/12/93	2/28/94
141-63-9	Dodecamethylpentasiloxane	10/12/93	2/28/94
540-97-6	Dodecamethylcyclohexasiloxane	10/12/93	2/28/94
541-01-5	Hexadecamethylheptasiloxane	10/12/93	2/28/94
541-02-6	Decamethylcyclopentasiloxane	10/12/93	2/28/94
541-05-9	Hexamethylcyclotrisiloxane	10/12/93	2/28/94
546-56-5	Octaphenylcyclotetrasiloxane	10/12/93	2/28/94
556-67-2	Octamethylcyclotetrasiloxane	10/12/93	2/28/94
556-68-3	Hexadecamethylcyclooctasiloxane	10/12/93	2/28/94
556-69-4	Octadecamethyloctasiloxane	10/12/93	2/28/94
556-70-7	Docosamethyldecasiloxane	10/12/93	2/28/94
556-71-8	Octadecamethylcyclononasiloxane	10/12/93	2/28/94
999-97-3	Hexamethyldisilazane	10/12/93	2/28/94
2370-88-9	Tetramethylcyclotetrasiloxane	10/12/93	2/28/94
2374-14-3	Trifluoropropylmethylcyclotrisiloxane	10/12/93	2/28/94
2471-08-1	Hexacosamethyldodecasiloxane	10/12/93	2/28/94
2471-09-2	Octacosamethyltridecasiloxane	10/12/93	2/28/94
2471-10-5	Triacontanamethyltetradecasiloxane	10/12/93	2/28/94
2471-11-6	Dotriacontamethylpentadecasiloxane	10/12/93	2/28/94
2554-06-5	Methylvinylcyclodisiloxane	10/12/93	2/28/94
2627-95-4	Tetramethyldivinylsiloxane	10/12/93	2/28/94
2652-13-3	Eicosamethylnonasiloxane	10/12/93	2/28/94
70131-67-8	Siloxanes and silicones, di-Me, hydroxy-terminated	10/12/93	2/28/94
9004-73-3	Methylpolysiloxane	10/12/93	2/28/94
18766-38-6	Docosamethylcycloundecasiloxane	10/12/93	2/28/94
18772-36-6	Eicosamethylcyclodecasiloxane	10/12/93	2/28/94
18844-04-7	Hexatriacontamethylheptadecasiloxane	10/12/93	2/28/94
18919-94-3	Tetracosamethylcyclododecasiloxane	10/12/93	2/28/94
23523-12-8	Hexatriacontamethylcyclooctadecasiloxane	10/12/93	2/28/94
23523-14-0	Triacontanamethylcyclopentadecasiloxane	10/12/93	2/28/94
23732-94-7	Hexacosamethylcyclotridecasiloxane	10/12/93	2/28/94
36938-50-8	Tetatriacontamethyl hexadecasiloxane	10/12/93	2/28/94
36938-52-0	Octatriacontamethyl octadecasiloxane	10/12/93	2/28/94
63148-62-9	Dimethyl silicones and siloxanes	10/12/93	2/28/94
67762-90-7	Dimethyl silicones and siloxane, reaction products with silica	10/12/93	2/28/94
67762-94-1	Dimethylmethylvinylsiloxane	10/12/93	2/28/94
68037-59-2	Dimethylhydopolysiloxane	10/12/93	2/28/94

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Siloxanes			
68037–74–1	Dimethylpolysiloxanes	10/12/93	2/28/94
68083–14–7	Dimethyldiphenylsiloxane	10/12/93	2/28/94
69430–24–6	Cyclopolydimethylsiloxane	10/12/93	2/28/94
115361-68-7	Dimethylmethyl 3,3,3-trifluoropropyl siloxane	10/12/93	2/28/94
149050-40-8	Octacosamethylcyclotetradecasiloane	10/12/93	2/28/94
150026–95–2	Dotriacontamethylcyclohexadecasiloane	10/12/93	2/28/94
150026–96–3	Tetratriacontamethylcycloheptadecasiloane	10/12/93	2/28/94
150026–97–4	Octatriacontamethylcyclononadecasiloane	10/12/93	2/28/94
150026–98–5	Tetracontamethylcycloicosasiloxane	10/12/93	2/28/94
150026-99-6	Tetracontamethylnonadecasiloane	10/12/93	2/28/94
150027–00–2	Dotetracontamethyleicosasiloxane	10/12/93	2/28/94
not available	Polymethyloctadecylsiloxane	10/12/93	2/28/94
Substantially produced chemicals in need of subchronic tests			
80-51-3	p,p'-Oxybis(benzenesulfonylhydrazide)	9/30/91	11/27/91
81-84-5	Naphthalenedicarboxylic anhydride	9/30/91	11/27/91
84-51-5	2-Ethylanthraquinone	9/30/91	11/27/91
87-02-5	7-Amino-4-hydroxy-2-naphthalenesulfonic acid	9/30/91	11/27/91
90-15-3	1-Naphthol	9/30/91	11/27/91
92-70-6	3-Hydroxy-2-naphthoic acid	9/30/91	11/27/91
94-28-0	Triethylene glycol bis(2-ethylhexanoate)	9/30/91	11/27/91
95-32-9	2-(4-Morpholinylidithio)-benzothiazole	9/30/91	11/27/91
97-88-1	N-Butyl methacrylate	9/30/91	11/27/91
98-48-6	1,3-Benzenedisulfonic Acid	9/30/91	11/27/91
99-54-7	3,4-Dichloronitrobenzene	9/30/91	11/27/91
99-63-8	Isophthaloyl chloride	9/30/91	11/27/91
100-20-9	Terephthaloyl chloride	9/30/91	11/27/91
100-29-8	4-Ethoxynitrobenzene	9/30/91	11/27/91
102-01-2	Acetoacetanilide	9/30/91	11/27/91
106-31-0	Butyric anhydride	9/30/91	11/27/91
106-63-8	Isobutyl acrylate	9/30/91	11/27/91
111-96-6	Diethylene glycol dimethyl ether	9/30/91	11/27/91
112–15–2	Ethanol, 2-(2-ethoxyethoxy)-, acetate	9/30/91	11/27/91
116-81-4	Bromamine acid	9/30/91	11/27/91
119-33-5	4-Methyl-2-nitro-phenol	9/30/91	11/27/91
121-60-8	4-(Acetyl amino)benzenesulfonyl chloride	9/30/91	11/27/91
123-54-6	2,4-Pentanedione	9/30/91	11/27/91
123-62-6	Propanoic anhydride	9/30/91	11/27/91
142-16-5	Bis(2-ethylhexyl)-2-butenedioate	9/30/91	11/27/91
311-89-7	Perfluorotributylamine	9/30/91	11/27/91
355-42-0	Perfluoro-N-hexane	9/30/91	11/27/91
594-42-3	Trichloromethanesulfonyl chloride	9/30/91	11/27/91
616-21-7	1,2-Dichlorobutane	9/30/91	11/27/91
626-17-5	1,3-Dicyanobenzene	9/30/91	11/27/91
760-23-6	3,4-Dichlorobutene	9/30/91	11/27/91
929–06–6	2-(2-Aminoethoxy)-ethanol	6/30/92	9/28/92
1047-16-1	Quinacridone	9/30/91	11/27/91
1111-78-0	Ammonium carbamate	9/30/91	11/27/91
3089-11-0	Hexa(methoxymethyl) melamine	9/30/91	11/27/91
Sulphones			
67-71-0	Dimethylsulfone	9/30/91	11/27/91
77–79–2	3-Sulfolene	9/30/91	11/27/91
80-07-9	Sulfonyl bis-(4-chlorobenzene)	9/30/91	11/27/91
80-08-0	4,4'-Diaminodiphenyl sulfone	9/30/91	11/27/91
80-09-1	Bisphenol S	9/30/91	11/27/91
98-30-6	2-Amino-4-(methylsulfonyl)phenol	9/30/91	11/27/91
126-33-0	Sulfolane	9/30/91	11/27/91
127-63-9	Diphenylsulfone	9/30/91	11/27/91
2580-77-0	2,2'-Sulfonyl bis-ethanol	9/30/91	11/27/91
3278-22-6	1,1'-[Methylene bis(sulfonyl)]bisethene	9/30/91	11/27/91
5246-57-1	2-[(3-Aminophenyl)sulfonyl]ethanol	9/30/91	11/27/91
16588-67-3	3-[N-Ethyl-4-[[6-(methylsulfonyl)-2-benzothiazolyl] azo]-m-toluidino]- propio-nitrile	9/30/91	11/27/91
17557-67-4	6-(Methylsulfonyl)-2-benzothiazolamine	9/30/91	11/27/91
17601-96-6	2-Amino-4-[(2-hydroxyethyl) sulfonyl]phenol	9/30/91	11/27/91
17688-68-5	4-Phenylthiomorpholine, 1,1-dioxide	9/30/91	11/27/91
17741-62-7	4-[4-[(2,6-Dichloro-4-nitrophenyl) azo]phenyl]thiomorpholine, 1,1-dioxide-	9/30/91	11/27/91
18760-44-6	3-(Decyloxy)tetrahydrothiophene 1,1-dioxide	9/30/91	11/27/91
20018-09-1	1-(Diiodomethyl) sulfonyl-4-methyl benzene	9/30/91	11/27/91

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Vanadium compounds			
14059–33–7	Bismuth vanadium oxide (BiVO ₄)	7/11/03	9/9/03
19120–62–8	Vanadium, tris(2-methyl-1-propanolato)oxo-, (T-4)- [Isobutyl orthovanadate]	7/11/03	9/9/03
24646–85–3	Vanadium nitride (VN)	7/11/03	9/9/03
27774–13–6	Vanadium, oxo(sulfato(2-)-.kappa.O)- [Vanadyl sulfate]	7/11/03	9/9/03
30486–37–4	Vanadium hydroxide oxide (V(OH) ₂ O)	7/11/03	9/9/03
39455–80–6	Ammonium sodium vanadium oxide	7/11/03	9/9/03
53801–77–7	Bismuth vanadium oxide	7/11/03	9/9/03
65232–89–5	Vanadium hydroxide oxide phosphate	7/11/03	9/9/03
68130–18–7	Vanadium hydroxide oxide phosphate (V ₆ (OH) ₃ O ₃ (PO ₄) ₇)	7/11/03	9/9/03
68815–09–8	Naphthenic acids, vanadium salts	7/11/03	9/9/03
68990–29–4	Balsams, copaiba, sulfurized, vanadium salts	7/11/03	9/9/03
Voluntary HPV Challenge Program orphan (unsponsored) chemicals			
62–56–6	Thiourea	September 29, 2006	November 28, 2006
77–76–9	Propane, 2,2-dimethoxy-	September 29, 2006	November 28, 2006
81–07–2	1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide	September 29, 2006	November 28, 2006
81–16–3	1-Naphthalenesulfonic acid, 2-amino-	September 29, 2006	November 28, 2006
81–84–5	1H,3H-Naphtho[1,8-cd]pyran-1,3-dione	September 29, 2006	November 28, 2006
83–41–0	Benzene, 1,2-dimethyl-3-nitro-	September 29, 2006	November 28, 2006
84–69–5	1,2-Benzenedicarboxylic acid, bis(2-methylpropyl) ester	September 29, 2006	November 28, 2006
85–40–5	1H-Indole-1,3(2H)-dione, 3a,4,7,7a-tetrahydro-	September 29, 2006	November 28, 2006
91–68–9	Phenol, 3-(diethylamino)-	September 29, 2006	November 28, 2006
94–96–2	1,3-Hexanediol, 2-ethyl-	September 29, 2006	November 28, 2006
96–22–0	3-Pentanone	September 29, 2006	November 28, 2006
97–00–7	Benzene, 1-chloro-2,4-dinitro-	September 29, 2006	November 28, 2006
98–09–9	Benzenesulfonyl chloride	September 29, 2006	November 28, 2006
98–16–8	Benzenamine, 3-(trifluoromethyl)-	September 29, 2006	November 28, 2006
98–56–6	Benzene, 1-chloro-4-(trifluoromethyl)-	September 29, 2006	November 28, 2006
101–34–8	9-Octadecenoic acid, 12-(acetyloxy)-, 1,2,3-propanetriyl ester, (9Z,9'Z,9'',12R,12'R,12'')-	September 29, 2006	November 28, 2006
104–66–5	Benzene, 1,1'-[1,2-ethanediylbis(oxy)]bis-	September 29, 2006	November 28, 2006
104–93–8	Benzene, 1-methoxy-4-methyl-	September 29, 2006	November 28, 2006
107–39–1	1-Pentene, 2,4,4-trimethyl-	September 29, 2006	November 28, 2006
107–40–4	2-Pentene, 2,4,4-trimethyl-	September 29, 2006	November 28, 2006
110–18–9	1,2-Ethanediamine, N,N,N',N'-tetramethyl-	September 29, 2006	November 28, 2006
110–33–8	Hexanedioic acid, dihexyl ester	September 29, 2006	November 28, 2006
111–44–4	Ethane, 1,1'-oxybis[2-chloro-	September 29, 2006	November 28, 2006
111–85–3	Octane, 1-chloro-	September 29, 2006	November 28, 2006
111–91–1	Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-	September 29, 2006	November 28, 2006
118–90–1	Benzoic acid, 2-methyl-	September 29, 2006	November 28, 2006
119–33–5	Phenol, 4-methyl-2-nitro-	September 29, 2006	November 28, 2006
121–69–7	Benzenamine, N,N-dimethyl-	September 29, 2006	November 28, 2006
121–82–4	1,3,5-Triazine, hexahydro-1,3,5-trinitro-	September 29, 2006	November 28, 2006

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Voluntary HPV Challenge Program orphan (unsponsored) chemicals			
124-63-0	Methanesulfonyl chloride	September 29, 2006	November 28, 2006
127-68-4	Benzenesulfonic acid, 3-nitro-, sodium salt	September 29, 2006	November 28, 2006
131-57-7	Methanone, (2-hydroxy-4-methoxyphenyl)phenyl-	September 29, 2006	November 28, 2006
137-20-2	Ethanesulfonic acid, 2-[methyl[(9Z)-1-oxo-9-octadecenyl]amino]-, sodium salt ..	September 29, 2006	November 28, 2006
138-25-0	1,3-Benzenedicarboxylic acid, 5-sulfo-, 1,3-dimethyl ester	September 29, 2006	November 28, 2006
139-40-2	1,3,5-Triazine-2,4-diamine, 6-chloro-N,N'-bis(1-methylethyl)-	September 29, 2006	November 28, 2006
140-93-2	Carbonodithioic acid, O-(1-methylethyl) ester, sodium salt	September 29, 2006	November 28, 2006
142-73-4	Glycine, N-(carboxymethyl)-	September 29, 2006	November 28, 2006
330-54-1	Urea, N'-(3,4-dichlorophenyl)-N,N-dimethyl-	September 29, 2006	November 28, 2006
460-00-4	Benzene, 1-bromo-4-fluoro-	September 29, 2006	November 28, 2006
506-51-4	1-Tetracosanol	September 29, 2006	November 28, 2006
506-52-5	1-Hexacosanol	September 29, 2006	November 28, 2006
513-74-6	Carbamodithioic acid, monoammonium salt	September 29, 2006	November 28, 2006
515-40-2	Benzene, (2-chloro-1,1-dimethylethyl)-	September 29, 2006	November 28, 2006
529-33-9	1-Naphthalenol, 1,2,3,4-tetrahydro-	September 29, 2006	November 28, 2006
529-34-0	1(2H)-Naphthalenone, 3,4-dihydro-	September 29, 2006	November 28, 2006
542-92-7	1,3-Cyclopentadiene	September 29, 2006	November 28, 2006
557-61-9	1-Octacosanol	September 29, 2006	November 28, 2006
563-72-4	Ethanedioic acid, calcium salt (1:1)	September 29, 2006	November 28, 2006
590-19-2	1,2-Butadiene	September 29, 2006	November 28, 2006
592-45-0	1,4-Hexadiene	September 29, 2006	November 28, 2006
598-72-1	Propanoic acid, 2-bromo-	September 29, 2006	November 28, 2006
617-94-7	Benzenemethanol, .alpha.,.alpha.-dimethyl-	September 29, 2006	November 28, 2006
628-13-7	Pyridine, hydrochloride	September 29, 2006	November 28, 2006
628-96-6	1,2-Ethanediol, dinitrate	September 29, 2006	November 28, 2006
645-62-5	2-Hexenal, 2-ethyl-	September 29, 2006	November 28, 2006
693-95-8	Thiazole, 4-methyl-	September 29, 2006	November 28, 2006
756-80-9	Phosphorodithioic acid, O,O-dimethyl ester	September 29, 2006	November 28, 2006
870-72-4	Methanesulfonic acid, hydroxy-, monosodium salt	September 29, 2006	November 28, 2006
928-72-3	Glycine, N-(carboxymethyl)-, disodium salt	September 29, 2006	November 28, 2006
939-97-9	Benzaldehyde, 4-(1,1-dimethylethyl)-	September 29, 2006	November 28, 2006
1000-82-4	Urea, (hydroxymethyl)-	September 29, 2006	November 28, 2006
1002-69-3	Decane, 1-chloro-	September 29, 2006	November 28, 2006
1111-78-0	Carbamic acid, monoammonium salt	September 29, 2006	November 28, 2006
1401-55-4	Tannins	September 29, 2006	November 28, 2006

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Voluntary HPV Challenge Program orphan (unsponsored) chemicals			
1445–45–0	Ethane, 1,1,1-trimethoxy-	September 29, 2006	November 28, 2006
1498–51–7	Phosphorodichloridic acid, ethyl ester	September 29, 2006	November 28, 2006
1738–25–6	Propanenitrile, 3-(dimethylamino)-	September 29, 2006	November 28, 2006
1912–24–9	1,3,5-Triazine-2,4-diamine, 6-chloro-N-ethyl-N'-(1-methylethyl)-	September 29, 2006	November 28, 2006
2152–64–9	Benzenamine, N-phenyl-4-[[4-(phenylamino)phenyl][4-(phenylimino)-2,5-cyclohexadien-1-ylidene]methyl]-, monohydrochloride.	September 29, 2006	November 28, 2006
2210–79–9	Oxirane, [(2-methylphenoxy)methyl]-	September 29, 2006	November 28, 2006
2372–45–4	1-Butanol, sodium salt	September 29, 2006	November 28, 2006
2409–55–4	Phenol, 2-(1,1-dimethylethyl)-4-methyl-	September 29, 2006	November 28, 2006
2425–54–9	Tetradecane, 1-chloro-	September 29, 2006	November 28, 2006
2494–89–5	Ethanol, 2-[(4-aminophenyl)sulfonyl]-, hydrogen sulfate (ester)	September 29, 2006	November 28, 2006
2524–03–0	Phosphorochloridithioic acid, O,O-dimethyl ester	September 29, 2006	November 28, 2006
2691–41–0	1,3,5,7-Tetrazocine, octahydro-1,3,5,7-tetranitro-	September 29, 2006	November 28, 2006
2814–20–2	4(1H)-Pyrimidinone, 6-methyl-2-(1-methylethyl)-	September 29, 2006	November 28, 2006
2905–62–6	Benzoyl chloride, 3,5-dichloro-	September 29, 2006	November 28, 2006
2915–53–9	2-Butenedioic acid (2Z)-, dioctyl ester	September 29, 2006	November 28, 2006
3039–83–6	Ethenesulfonic acid, sodium salt	September 29, 2006	November 28, 2006
3132–99–8	Benzaldehyde, 3-bromo-	September 29, 2006	November 28, 2006
3386–33–2	Octadecane, 1-chloro-	September 29, 2006	November 28, 2006
3779–63–3	1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(6-isocyanatohexyl)-	September 29, 2006	November 28, 2006
3965–55–7	1,3-Benzenedicarboxylic acid, 5-sulfo-, 1,3-dimethyl ester, sodium salt	September 29, 2006	November 28, 2006
4035–89–6	Imidodicarbonic diamide, N,N'-2-tris(6-isocyanatohexyl)-	September 29, 2006	November 28, 2006
4170–30–3	2-Butenal	September 29, 2006	November 28, 2006
4316–73–8	Glycine, N-methyl-, monosodium salt	September 29, 2006	November 28, 2006
4860–03–1	Hexadecane, 1-chloro-	September 29, 2006	November 28, 2006
5026–74–4	Oxiranemethanamine, N-[4-(oxiranylmethoxy)phenyl]-N-(oxiranylmethyl)-	September 29, 2006	November 28, 2006
5216–25–1	Benzene, 1-chloro-4-(trichloromethyl)-	September 29, 2006	November 28, 2006
5460–09–3	2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-, monosodium salt	September 29, 2006	November 28, 2006
5915–41–3	1,3,5-Triazine-2,4-diamine, 6-chloro-N-(1,1-dimethylethyl)-N'-ethyl-	September 29, 2006	November 28, 2006
6473–13–8	2-Naphthalenesulfonic acid, 6-[(2,4-diaminophenyl)azo]-3-[4-[[4-[(2,4-diaminophenyl)azo]-1-hydroxy-3-sulfo-2-naphthalenyl]azo]phenyl]amino]-3-sulfo-phenyl]azo]-4-hydroxy-, trisodium salt.	September 29, 2006	November 28, 2006
7795–95–1	1-Octanesulfonyl chloride	September 29, 2006	November 28, 2006
8001–58–9	Creosote	September 29, 2006	November 28, 2006
10265–69–7	Glycine, N-phenyl-, monosodium salt	September 29, 2006	November 28, 2006
13749–94–5	Ethanimidothioic acid, N-hydroxy-, methyl ester	September 29, 2006	November 28, 2006
13826–35–2	Benzenemethanol, 3-phenoxy-	September 29, 2006	November 28, 2006
17103–31–0	Urea, sulfate (2:1)	September 29, 2006	November 28, 2006

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Voluntary HPV Challenge Program orphan (unsponsored) chemicals			
17321-47-0	Phosphoramidithioic acid, O,O-dimethyl ester	September 29, 2006	November 28, 2006
17976-43-1	2,4,6,8,3,5,7-Benzotetraoxatriplumbacycloundecin-3,5,7-triylidene, 1,9-dihydro-1,9-dioxo-	September 29, 2006	November 28, 2006
19438-61-0	1,3-Isobenzofurandione, 5-methyl-	September 29, 2006	November 28, 2006
19525-59-8	Glycine, N-phenyl-, monopotassium salt	September 29, 2006	November 28, 2006
20068-02-4	2-Butenenitrile, 2-methyl-, (2Z)-	September 29, 2006	November 28, 2006
20227-53-6	Phosphorous acid, 2-(1,1-dimethylethyl)-4-[1-[3-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-methylethyl]phenyl bis(4-nonylphenyl) ester.	September 29, 2006	November 28, 2006
21351-39-3	Urea, sulfate (1:1)	September 29, 2006	November 28, 2006
22527-63-5	Propanoic acid, 2-methyl-, 3-(benzoyloxy)-2,2,4-trimethylpentyl ester	September 29, 2006	November 28, 2006
24615-84-7	2-Propenoic acid, 2-carboxyethyl ester	September 29, 2006	November 28, 2006
24794-58-9	Formic acid, compd. with 2,2',2[ethanol] (1:1)	September 29, 2006	November 28, 2006
25154-38-5	Piperazineethanol	September 29, 2006	November 28, 2006
25168-05-2	Benzene, chloromethyl-	September 29, 2006	November 28, 2006
25168-06-3	Phenol, (1-methylethyl)-	September 29, 2006	November 28, 2006
25321-41-9	Benzenesulfonic acid, dimethyl-	September 29, 2006	November 28, 2006
25383-99-7	Octadecanoic acid, 2-(1-carboxyethoxy)-1-methyl-2-oxoethyl ester, sodium salt	September 29, 2006	November 28, 2006
25646-71-3	Methanesulfonamide, N-[2-[(4-amino-3-methylphenyl)ethylamino]ethyl]-, sulfate (2:3).	September 29, 2006	November 28, 2006
26377-29-7	Phosphorodithioic acid, O,O-dimethyl ester, sodium salt	September 29, 2006	November 28, 2006
26401-27-4	Phosphorous acid, isooctyl diphenyl ester	September 29, 2006	November 28, 2006
26680-54-6	2,5-Furandione, dihydro-3-(octenyl)-	September 29, 2006	November 28, 2006
27193-28-8	Phenol, (1,1,3,3-tetramethylbutyl)-	September 29, 2006	November 28, 2006
28106-30-1	Benzene, ethenylethyl-	September 29, 2006	November 28, 2006
28188-24-1	Octadecanoic acid, 2-(hydroxymethyl)-2-[[[(1-oxooctadecyl)oxy]methyl]-1,3-propanediyl ester.	September 29, 2006	November 28, 2006
28908-00-1	Benzothiazole, 2-[(chloromethyl)thio]-	September 29, 2006	November 28, 2006
30574-97-1	2-Butenenitrile, 2-methyl-, (2E)-	September 29, 2006	November 28, 2006
34689-46-8	Phenol, methyl-, sodium salt	September 29, 2006	November 28, 2006
35203-06-6	Benzenamine, 2-ethyl-6-methyl-N-methylene-	September 29, 2006	November 28, 2006
35203-08-8	Benzenamine, 2,6-diethyl-N-methylene-	September 29, 2006	November 28, 2006
37734-45-5	Carbonochloridothioic acid, S-(phenylmethyl) ester	September 29, 2006	November 28, 2006
37764-25-3	Acetamide, 2,2-dichloro-N,N-di-2-propenyl-	September 29, 2006	November 28, 2006
38185-06-7	Benzenesulfonic acid, 4-chloro-3,5-dinitro-, potassium salt	September 29, 2006	November 28, 2006
38321-18-5	Ethanol, 2-(2-butoxyethoxy)-, sodium salt	September 29, 2006	November 28, 2006
39515-51-0	Benzaldehyde, 3-phenoxy-	September 29, 2006	November 28, 2006
40630-63-5	1-Octanesulfonyl fluoride	September 29, 2006	November 28, 2006
40876-98-0	Butanedioic acid, oxo-, diethyl ester, ion(1-), sodium	September 29, 2006	November 28, 2006
51632-16-7	Benzene, 1-(bromomethyl)-3-phenoxy-	September 29, 2006	November 28, 2006

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CAS No.	Substance	Effective date	Reporting date
Voluntary HPV Challenge Program orphan (unsponsored) chemicals			
52184–19–7	Phenol, 2,4-bis(1,1-dimethylpropyl)-6-[(2-nitrophenyl)azo]-	September 29, 2006	November 28, 2006
52556–42–0	1-Propanesulfonic acid, 2-hydroxy-3-(2-propenyloxy)-, monosodium salt	September 29, 2006	November 28, 2006
52663–57–7	Ethanol, 2-butoxy-, sodium salt	September 29, 2006	November 28, 2006
56803–37–3	Phosphoric acid, (1,1-dimethylethyl)phenyl diphenyl ester	September 29, 2006	November 28, 2006
57693–14–8	Chromate(3-), bis[3-(hydroxy-.kappa.O)-4-[[2-(hydroxy-.kappa.O)-1-naphthalenyl]azo-.kappa.N1]-7-nitro-1-naphthalenesulfonato(3-)]-, trisodium.	September 29, 2006	November 28, 2006
61788–44–1	Phenol, styrenated	September 29, 2006	November 28, 2006
61788–76–9	Alkanes, chloro	September 29, 2006	November 28, 2006
61789–85–3	Sulfonic acids, petroleum	September 29, 2006	November 28, 2006
63302–49–8	Phosphorochloridous acid, bis(4-nonylphenyl) ester	September 29, 2006	November 28, 2006
64743–02–8	Alkenes, C>10 .alpha.-	September 29, 2006	November 28, 2006
64743–03–9	Phenols (petroleum)	September 29, 2006	November 28, 2006
65996–79–4	Solvent naphtha (coal)	September 29, 2006	November 28, 2006
65996–82–9	Tar oils, coal	September 29, 2006	November 28, 2006
65996–83–0	Extracts, coal tar oil alk.	September 29, 2006	November 28, 2006
65996–86–3	Extract oils (coal), tar base	September 29, 2006	November 28, 2006
65996–87–4	Extract residues (coal), tar oil alk.	September 29, 2006	November 28, 2006
65996–89–6	Tar, coal, high-temp.	September 29, 2006	November 28, 2006
65996–91–0	Distillates (coal tar), upper	September 29, 2006	November 28, 2006
65996–92–1	Distillates (coal tar)	September 29, 2006	November 28, 2006
68081–86–7	Phenol, nonyl derivs.	September 29, 2006	November 28, 2006
68082–78–0	Lard, oil, Me esters	September 29, 2006	November 28, 2006
68153–60–6	Fatty acids, tall-oil, reaction products with diethylenetriamine, acetates	September 29, 2006	November 28, 2006
68187–41–7	Phosphorodithioic acid, O,O-di-C1–14-alkyl esters	September 29, 2006	November 28, 2006
68187–57–5	Pitch, coal tar-petroleum	September 29, 2006	November 28, 2006
68187–59–7	Coal, anthracite, calcined	September 29, 2006	November 28, 2006
68188–18–1	Paraffin oils, chlorosulfonated, saponified	September 29, 2006	November 28, 2006
68308–74–7	Amides, tall-oil fatty, N,N-di-Me	September 29, 2006	November 28, 2006
68309–16–0	Fatty acids, tall-oil, 2-(2-hydroxyethoxy)ethyl esters	September 29, 2006	November 28, 2006
68309–27–3	Fatty acids, tall-oil, sulfonated, sodium salts	September 29, 2006	November 28, 2006
68334–01–0	Disulfides, alkylaryl dialkyl diaryl, petroleum refinery spent caustic oxidn. products.	September 29, 2006	November 28, 2006
68441–66–7	Decanoic acid, mixed esters with dipentaerythritol, octanoic acid and valeric acid.	September 29, 2006	November 28, 2006
68442–60–4	Acetaldehyde, reaction products with formaldehyde, by-products from	September 29, 2006	November 28, 2006
68442–77–3	2-Butenediamide, (2E)-, N,N'-bis[2-(4,5-dihydro-2-nortall-oil alkyl-1H-imidazol-1-yl)ethyl] derivs..	September 29, 2006	November 28, 2006
68457–74–9	Phenol, isobutylated methylstyrenated	September 29, 2006	November 28, 2006
68513–62–2	Disulfides, C5–12-alkyl	September 29, 2006	November 28, 2006

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CAS No.	Substance	Effective date	Reporting date
Voluntary HPV Challenge Program orphan (unsponsored) chemicals			
68515-89-9	Barium, carbonate nonylphenol complexes	September 29, 2006	November 28, 2006
68527-22-0	Naphtha (petroleum), clay-treated light straight-run	September 29, 2006	November 28, 2006
68584-25-8	Benzenesulfonic acid, C10-16-alkyl derivs., compds. with triethanolamine	September 29, 2006	November 28, 2006
68602-81-3	Distillates, hydrocarbon resin prodn. higher boiling	September 29, 2006	November 28, 2006
68608-59-3	Ethane, 1,2-dichloro-, manuf. of, by-products from, distn. lights	September 29, 2006	November 28, 2006
68609-05-2	Cyclohexane, oxidized, non-acidic by-products, distn. lights	September 29, 2006	November 28, 2006
68610-90-2	2-Butenedioic acid (2E)-, di-C8-18-alkyl esters	September 29, 2006	November 28, 2006
68649-42-3	Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	September 29, 2006	November 28, 2006
68650-36-2	Aromatic hydrocarbons, C8, o-xylene-lean	September 29, 2006	November 28, 2006
68782-97-8	Distillates (petroleum), hydrofined lubricating-oil	September 29, 2006	November 28, 2006
68815-50-9	Octadecanoic acid, reaction products with 2-[(2-aminoethyl)amino]ethanol	September 29, 2006	November 28, 2006
68909-77-3	Ethanol, 2,2'-oxybis-, reaction products with ammonia, morpholine derivs. residues.	September 29, 2006	November 28, 2006
68915-05-9	Fatty acids, tall-oil, low-boiling, reaction products with ammonia-ethanolamine reaction by-products.	September 29, 2006	November 28, 2006
68915-39-9	Cyclohexane, oxidized, aq. ext., sodium salt	September 29, 2006	November 28, 2006
68918-16-1	Tar, coal, dried and oxidized	September 29, 2006	November 28, 2006
68919-17-5	Hydrocarbons, C12-20, catalytic alkylation by-products	September 29, 2006	November 28, 2006
68937-29-1	1,6-Hexanediol, distn. residues	September 29, 2006	November 28, 2006
68937-70-2	Carboxylic acids, C6-18 and C8-15-di-	September 29, 2006	November 28, 2006
68937-72-4	Carboxylic acids, di-, C4-11	September 29, 2006	November 28, 2006
68953-80-0	Benzene, mixed with toluene, dealkylation product	September 29, 2006	November 28, 2006
68955-37-3	Acid chlorides, tallow, hydrogenated	September 29, 2006	November 28, 2006
68955-76-0	Aromatic hydrocarbons, C9-16, biphenyl deriv.-rich	September 29, 2006	November 28, 2006
68987-41-7	Benzene, ethylenated	September 29, 2006	November 28, 2006
68987-66-6	Ethene, hydrated, by-products from	September 29, 2006	November 28, 2006
68988-22-7	1,4-Benzenedicarboxylic acid, dimethyl ester, manuf. of, by-products from	September 29, 2006	November 28, 2006
68990-61-4	Tar, coal, high-temp., high-solids	September 29, 2006	November 28, 2006
68990-65-8	Fats and Glyceridic oils, vegetable, reclaimed	September 29, 2006	November 28, 2006
70084-98-9	Terpenes and Terpenoids, C10-30, distn. residues	September 29, 2006	November 28, 2006
70693-50-4	Phenol, 2,4-bis(1-methyl-1-phenylethyl)-6-[(2-nitrophenyl)azo]-	September 29, 2006	November 28, 2006
70851-08-0	Amides, coco, N-[3-(dimethylamino)propyl], alkylation products with sodium 3-chloro-2-hydroxypropanesulfonate.	September 29, 2006	November 28, 2006
71077-05-9	Ethanol, 2,2'-oxybis-, reaction products with ammonia, morpholine product tower residues.	September 29, 2006	November 28, 2006
72162-15-3	1-Decene, sulfurized	September 29, 2006	November 28, 2006
72854-27-4	Tannins, reaction products with sodium bisulfite, sodium polysulfide and sodium sulfite.	September 29, 2006	November 28, 2006
73665-18-6	Extract residues (coal), tar oil alk., naphthalene distn. residues	September 29, 2006	November 28, 2006
83864-02-2	Nickel, bis[(cyano-C)triphenylborato(1-)-N]bis(hexanedinitrile-N,N')-	September 29, 2006	November 28, 2006

CAS No.	Substance	Effective date	Reporting date
Voluntary HPV Challenge Program orphan (unsponsored) chemicals			
84501–86–0	Hexanedioic acid, esters with high-boiling C6–10-alkene hydroformylation products.	September 29, 2006	November 28, 2006
90640–80–5	Anthracene oil	September 29, 2006	November 28, 2006
90640–86–1	Distillates (coal tar), heavy oils	September 29, 2006	November 28, 2006
119345–02–7	Benzene, 1,1'-oxybis-, tetrapropylene derivs.	September 29, 2006	November 28, 2006
125997–20–8	Phosphoric acid, mixed 3-bromo-2,2-dimethylpropyl and 2-bromoethyl and 2-chloroethyl esters.	September 29, 2006	November 28, 2006

(Secs 8(a) and 8(d), 90 Stat. 2027, 2029; 15 U.S.C. 2607 (a) and (d))

[47 FR 26998, June 22, 1982]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting §712.30, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at www.govinfo.gov.

EFFECTIVE DATE NOTE: At 59 FR 14115, Mar. 25, 1994, in §712.30 paragraph (x), the chemical substances under the category “propylene glycol ethers esters” and all related dates were stayed, effective Mar. 25, 1994. At 60 FR 31921, June 19, 1995, §712.30 was amended in part by redesignating paragraph (x) as paragraph (e).

PART 713—REPORTING REQUIREMENTS FOR THE TSCA INVENTORY OF MERCURY SUPPLY, USE, AND TRADE

Sec.

713.1 Purpose, scope, and compliance.

713.5 Mercury for which information must be reported.

713.7 Persons who must report.

713.9 General requirements for which information must be reported.

713.11 Specific requirements for which information must be reported.

713.13 Contextual requirements for which information must be reported.

713.15 Reporting information to EPA.

713.17 When to report.

713.19 Recordkeeping requirements.

713.21 Electronic filing.

AUTHORITY: 15 U.S.C. 2607(b)(10)(D).

SOURCE: 83 FR 30073, June 27, 2018, unless otherwise noted.

§713.1 Purpose, scope, and compliance.

(a) This part specifies reporting and recordkeeping procedures under section 8(b)(10) of the Toxic Substances Control Act (TSCA) (15 U.S.C. 2607(b)(10)) for certain manufacturers (including importers) and processors of mercury as defined in section 8(b)(10)(A) to include elemental mercury and mercury compounds. Herein-

after “mercury” will refer to both elemental mercury and mercury compounds collectively, except where separately identified. Section 8(b)(10)(D) of TSCA authorizes the EPA Administrator to require reporting from any person who manufactures mercury or mercury-added products or otherwise intentionally uses mercury in a manufacturing process to carry out and publish in the FEDERAL REGISTER an inventory of mercury supply, use, and trade in the United States. In administering this mercury inventory, EPA is directed to identify any manufacturing processes or products that intentionally add mercury and to recommend actions, including proposed revisions of Federal law or regulations, to achieve further reductions in mercury use. EPA intends to use the collected information to implement TSCA and shape the Agency’s efforts to recommend actions, both voluntary and regulatory, to reduce the use of mercury in commerce. In so doing, the Agency will conduct timely evaluation and refinement of these reporting requirements so that they are efficient and non-duplicative for reporters.

(b) This part applies to the activities associated with the periodic publication of information on mercury supply,