

Environmental Protection Agency

§ 712.30

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 or importers in respect to a specific chemical substance listed in § 712.30 are exempt. However, this exemption 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 both of the following criteria are met:

(1) Total annual sales taken together of all sites owned or controlled by the foreign or domestic parent company were below \$30 million for the reporting period;

(2) Total production of the listed substance for the reporting period was below 45,400 kilograms (100,000 pounds) at the plant site.

(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]

§ 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 sub-

mitted for each plant site manufacturing the chemical substance.

(c) Forms must be sent (preferably by certified mail) to the Document Control Office (7407), Office of Pollution Prevention and Toxics, U.S. Environmental Protection Agency, Room G-099, 1200 Pennsylvania Ave., NW., Washington, DC 20460, ATTN: 8(a) PAIR Reporting.

(d) Form 7710-35, Manufacturer's Report—Preliminary Assessment Information or PAIR form and instructions may be obtained by telephoning or writing the Environmental Assistance Division. The telephone number and the address of the Environmental Assistance Division is: Phone Number (202) 554-1404, TDD (202) 554-0551. Address: Environmental Assistance Division (7406), Office of Pollution Prevention and Toxics, Environmental Protection Agency, 1200 Pennsylvania Ave., NW., Washington, DC 20460.

[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]

§ 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) The respondent has previously and voluntarily provided EPA with a Manufacturer's Report on a chemical substance or mixture subject to this subpart B, which contains data for a one-

year period ending no more than three 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 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." Notification letters must be submitted prior to the reporting deadline.

(ii) The respondent has previously submitted a Manufacturer's Report on a chemical substance or mixture subject to this subpart B to the Interagency Testing Committee, but not to EPA, and that Report contained data for a one-year period ending less than three 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 to EPA, and must submit an accompanying letter 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." 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 FED-

ERAL 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) 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 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 Prevention, Pesticides and Toxic Substances, 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. Any information submitted must be addressed to the Document Control Office (7407), Office of Pollution Prevention and Toxics, U.S. Environmental Protection Agency, Room G-099, 1200 Pennsylvania Ave., NW., Washington, DC 20460, ATTN: 8(a) Auto-ITC.

(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

Environmental Protection Agency

§ 712.30

single name, the name may be either the TSCA Chemical Substance Inventory name, a trivial name, or a com-

mon 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-.alpha.,.alpha.,.alpha.-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-oxoneodecyl)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 Information Manufacturers Report for each site at which they manufacture or import each substance by the reporting

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	Benzenepronal,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

CAS No.	Substance	Effective date	Reporting date
Aldehydes			
101-86-0	Octanal, 2-(phenylmethylene)-	9/30/91	11/27/91
103-95-7	Benzenepropanal, 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
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

Environmental Protection Agency

§ 712.30

CAS No.	Substance	Effective date	Reporting date
Alkylphenols, Alkylphenol ethoxylates, and Polyalkylphenols			
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
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

CAS No.	Substance	Effective date	Reporting date
Alkylphenols, Alkylphenol ethoxylates, and Polyalkylphenols			
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	Phosphorodichloric 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			
74–97–5	Methane, bromochloro-	10/29/90	12/27/90
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
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

Environmental Protection Agency

§ 712.30

CAS No.	Substance	Effective date	Reporting date
Cyanoacrylates			
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
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

CAS No.	Substance	Effective date	Reporting date
Isocyanates			
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-Diazetidone-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-Heptaooxatricosan-1-ol, 23-(nonylphenoxy)-	2/10/00	4/10/00
27177-08-8	3,6,9,12,15,18,21,24,27-Nonaoxanonacosan-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-Nonaoxanonacosan-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
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	tert-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	sec-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	o-Nitrotoluene	3/11/94	5/10/94
89-72-5	o-sec-Butylphenol	3/11/94	5/10/94
90-04-0	o-Anisidine	3/11/94	5/10/94
91-20-3	Naphthalene	8/4/95	10/3/95

Environmental Protection Agency

§ 712.30

CAS No.	Substance	Effective date	Reporting date
OSHA Chemicals in Need of Dermal Absorption Testing			
92-52-4	Biphenyl	8/4/95	10/3/95
95-13-6	Indene	3/11/94	5/10/94
95-49-8	o-Chlorotoluene	3/11/94	5/10/94
95-50-1	o-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	t-Butylcatechol	8/4/95	10/3/95
99-08-1	m-Nitrotoluene	8/4/95	10/3/95
99-65-0	m-Dinitrobenzene	3/11/94	5/10/94
99-99-0	p-Nitrotoluene	8/4/95	10/3/95
100-00-5	p-Nitrochlorobenzene	3/11/94	5/10/94
100-01-6	p-Nitroaniline	3/11/94	5/10/94
100-44-7	Benzyl chloride	3/11/94	5/10/94
100-25-4	p-Dinitrobenzene	1/26/94	3/28/94
100-63-0	Phenylhydrazine	3/11/94	5/10/94
105-46-4	sec-Butyl acetate	1/26/94	3/28/94
106-42-3	p-Xylene	1/26/94	3/28/94
106-46-7	p-Dichlorobenzene	8/4/95	10/3/95
106-49-0	p-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	m-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	beta-Chloroprene	3/11/94	5/10/94
127-19-5	Dimethyl acetamide	8/4/95	10/3/95
142-82-5	Heptane (n-Heptane)	1/26/94	3/28/94
150-76-5	p-Methoxyphenol	3/11/94	5/10/94
287-92-3	Cyclopentane	1/26/94	3/28/94
528-29-0	o-Dinitrobenzene	3/11/94	5/10/94
532-27-4	a-Chloroacetophenone	1/26/94	3/28/94
540-59-0	1,2-Dichloroethylene	3/11/94	5/10/94
540-88-5	tert-Butyl acetate	1/26/94	3/28/94
542-92-7	Cyclopentadiene	8/4/95	10/3/95
626-17-5	m-Phthalodinitrile	3/11/94	5/10/94
628-63-7	n-Amyl acetate	1/26/94	3/28/94
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-tert-butyl ether	1/26/94	3/28/94
88917-22-0	Dipropylene glycol monomethyl ether acetate	1/26/94	3/28/94

CAS No.	Substance	Effective date	Reporting date
Propylene glycol ethers and esters			
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	Tetradecamethylcycloheptasiloxane	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	Octaphenylcyclohexasiloxane	10/12/93	2/28/94
556-67-2	Octamethylcyclohexasiloxane	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	Tetramethylcyclohexasiloxane	10/12/93	2/28/94
2374-14-3	Trifluoropropylmethylcyclohexasiloxane	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	Triacontamethyltetradecasiloxane	10/12/93	2/28/94
2471-11-6	Dotriacontamethylpentadecasiloxane	10/12/93	2/28/94
2554-06-5	Methylvinylcyclosiloxane	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	Eicosamethylcyclododecasiloxane	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	Triacontamethylcyclopentadecasiloxane	10/12/93	2/28/94
23732-94-7	Hexacosamethylcyclotridecasiloxane	10/12/93	2/28/94
36938-50-8	Tetracontamethyl 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	Dimethylhydropolysiloxane	10/12/93	2/28/94
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	Octacosamethylcyclohexadecasiloxane	10/12/93	2/28/94
150026-95-2	Dotriacontamethylcyclohexadecasiloxane	10/12/93	2/28/94
150026-96-3	Tetracontamethylcycloheptadecasiloxane	10/12/93	2/28/94
150026-97-4	Octatriacontamethylcyclononadecasiloxane	10/12/93	2/28/94
150026-98-5	Tetracontamethylcycloicosasiloxane	10/12/93	2/28/94
150026-99-6	Tetracontamethylnonadecasiloxane	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

Environmental Protection Agency

§ 712.30

CAS No.	Substance	Effective date	Reporting date
Substantially produced chemicals in need of subchronic tests			
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-(Acetylamino)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]- propionitrile	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
26750-50-5	1,1'-[Oxybis(methylenesulfonyl)] bisethene	9/30/91	11/27/91
36724-43-3	2,2'-[Oxybis(methylenesulfonyl)]bisethanol	9/30/91	11/27/91
41123-59-5	1,1'-[Methylenebis(sulfonyl)]bis-2-chloroethane	9/30/91	11/27/91
41123-69-7	2,2'-[Methylenebis(sulfonyl)]bisethanol	9/30/91	11/27/91
41687-30-3	2-[(3-Nitrophenyl)sulfonyl]ethanol	9/30/91	11/27/91
52218-35-6	2-[[6-Amino-2-naphthalenyl)sulfonyl]ethanol	9/30/91	11/27/91
53061-10-2	1,1'-[Oxybis(methylenesulfonyl)]bis-2-chloroethane	9/30/91	11/27/91
63134-33-8	4-[[4-(Phenylmethoxy)phenyl]sulfonyl]phenol	9/30/91	11/27/91
Tungsten compounds			
1314-35-8	Tungsten oxide (WO ₃)	1/6/05	3/7/05
7440-33-7	Tungsten	1/6/05	3/7/05
7783-03-1	Tungstate (WO ₄ ²⁻), dihydrogen, (T-4)-	1/6/05	3/7/05
7783-82-6	Tungsten fluoride (WF ₆), (OC-6-11)-	1/6/05	3/7/05
7790-60-5	Tungstate (WO ₄ ²⁻), dipotassium, (T-4)-	1/6/05	3/7/05
7790-85-4	Cadmium tungsten oxide (CdWO ₄)	1/6/05	3/7/05
10213-10-2	Tungstate (WO ₄ ²⁻), disodium, dihydrate, (T-4)-	1/6/05	3/7/05
11105-11-6	Tungsten oxide (WO ₃), hydrate	1/6/05	3/7/05
11120-01-7	Sodium tungsten oxide	1/6/05	3/7/05
11120-25-5	Tungstate (W ₁₂ (OH) ₂ O ₄₀ ¹⁰⁻), decaammonium	1/6/05	3/7/05

CAS No.	Substance	Effective date	Reporting date
Substantially produced chemicals in need of subchronic tests			
12027–38–2	Tungstate(4-),[.mu.12-[orthosilicato(4-)-.kappa.O:.kappa.O:.kappa.O:.kappa.O'.kappa.O':.kappa.O':.kappa.O':.kappa.O'.kappa.O':.kappa.O']tetracosam.oxododecaoxidodeca-, tetrahydrogen.	1/6/05	3/7/05
12028–48–7	Tungstate (W ₁₂ (OH) ₂ O ₃₈ ⁶⁻), hexaammonium	1/6/05	3/7/05
12036–22–5	Tungsten oxide (WO ₂)	1/6/05	3/7/05
12067–99–1	Tungsten hydroxide oxide phosphate	1/6/05	3/7/05
12138–09–9	Tungsten sulfide (WS ₂)	1/6/05	3/7/05
12141–67–2	Tungstate (W ₁₂ (OH) ₂ O ₃₈ ⁶⁻), hexasodium	1/6/05	3/7/05
13283–01–7	Tungsten chloride (WCl ₆), (OC-6-11)-	1/6/05	3/7/05
13472–45–2	Tungstate (WO ₄ ²⁻), disodium, (T-4)-	1/6/05	3/7/05
14040–11–0	Tungsten carbonyl (W(CO) ₆), (OC-6-11)-	1/6/05	3/7/05
23321–70–2	Tungsten oxide (WO ₃), dihydrate	1/6/05	3/7/05
Vanadium compounds			
1314–34–7	Vanadium oxide (V2O3) [Vanadium trioxide]	7/11/03	9/9/03
1314–62–1	Vanadium oxide (V2O5) [Vanadium pentoxide]	7/11/03	9/9/03
1686–22–2	Vanadium, triethoxyoxo-, (T-4)- [Triethyl orthovanadate]	7/11/03	9/9/03
3153–26–2	Vanadium, oxobis (2,4-pentanedionato-.kappa.O,.kappa.O)-, (SP-5-21)-	7/11/03	9/9/03
5588–84–1	Vanadium, oxotris(2-propanolato)-, (T-4)- [Vanadium triisopropoxide oxide]	7/11/03	9/9/03
7440–62–2	Vanadium	7/11/03	9/9/03
7632–51–1	Vanadium chloride (VCl ₄), (T-4)- [Vanadium tetrachloride]	7/11/03	9/9/03
7718–98–1	Vanadium chloride (VCl ₃) [Vanadium trichloride]	7/11/03	9/9/03
7727–18–6	Vanadium, trichlorooxo-, (T-4)- [Vanadium oxytrichloride]	7/11/03	9/9/03
7803–55–6	Vanadate (VO ₃ ⁻), ammonium [Ammonium metavanadate]	7/11/03	9/9/03
10049–16–8	Vanadium fluoride (VF ₄) [Vanadium tetrafluoride]	7/11/03	9/9/03
10213–09–9	Vanadium, dichlorooxo- [Vanadyl dichloride]	7/11/03	9/9/03
10580–52–6	Vanadium chloride (VCl ₂) [Vanadium dichloride]	7/11/03	9/9/03
11099–11–9	Vanadium oxide [Polyvanadic acid]	7/11/03	9/9/03
11115–67–6	Ammonium vanadium oxide	7/11/03	9/9/03
11130–21–5	Vanadium carbide	7/11/03	9/9/03
12007–37–3	Vanadium boride (VB ₂)	7/11/03	9/9/03
12035–98–2	Vanadium oxide (VO)	7/11/03	9/9/03
12036–21–4	Vanadium oxide (VO ₂)	7/11/03	9/9/03
12070–10–9	Vanadium carbide (VC)	7/11/03	9/9/03
12083–48–6	Vanadium, dichlorobis (.eta.5-2,4-cyclopentadien-1-yl)-	7/11/03	9/9/03
12166–27–7	Vanadium sulfide (VS)	7/11/03	9/9/03
12439–96–2	Vanadium, oxo[sulfato(2-)-.kappa.O]-, pentahydrate [Vanadyl sulfate (VOSO ₄), pentahydrate].	7/11/03	9/9/03
12604–58–9	Vanadium alloy, base, V,C,Fe (Ferrovanadium)	7/11/03	9/9/03
13470–26–3	Vanadium bromide (VBr ₃)	7/11/03	9/9/03
13476–99–8	Vanadium, tris(2,4-pentanedionato-.kappa.O,.kappa.O)-, (OC-6-11)- [Vanadium tris(acetylacetonate)].	7/11/03	9/9/03
13497–94–4	Silver vanadium oxide (AgVO ₃)	7/11/03	9/9/03
13517–26–5	Sodium vanadium oxide (Na ₄ V ₂ O ₇) [Sodium pyrovanadate]	7/11/03	9/9/03
13718–26–8	Vanadate (VO ₃ ⁻), sodium [Sodium metavanadate]	7/11/03	9/9/03
13721–39–6	Sodium vanadium oxide (Na ₃ VO ₄) [Sodium orthovanadate]	7/11/03	9/9/03
13769–43–2	Vanadate (VO ₃ ⁻), potassium [Potassium metavanadate]	7/11/03	9/9/03
13930–88–6	Vanadium, oxo[29H,31H-phthalocyaninato(2-)-.kappa.N29,.kappa.N30,.kappa.N31,.kappa.N32]-, (SP-5-12)-.	7/11/03	9/9/03
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

(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 on GPO Access.

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 March 25, 1994. At 60 FR 31921, June 19, 1995, § 712.30 was amended in part by redesignating paragraph (x) as paragraph (e).

PART 716—HEALTH AND SAFETY DATA REPORTING

Subpart A—General Provisions

- Sec.
- 716.1 Scope and compliance.
 - 716.3 Definitions.
 - 716.5 Persons who must report.
 - 716.10 Studies to be reported.
 - 716.20 Studies not subject to the reporting requirements.
 - 716.21 Chemical specific reporting requirements.
 - 716.25 Adequate file search.
 - 716.30 Submission of copies of studies.
 - 716.35 Submission of lists of studies.
 - 716.40 EPA requests for submission of further information.
 - 716.45 How to report on substances and mixtures.
 - 716.50 Reporting physical and chemical properties.
 - 716.55 Confidentiality claims.
 - 716.60 Reporting schedule.
 - 716.65 Reporting period.

Subpart B—Specific Chemical Listings

- 716.105 Additions of substances and mixtures to which this subpart applies.
- 716.120 Substances and listed mixtures to which this subpart applies.

AUTHORITY: 15 U.S.C. 2607(d).

SOURCE: 51 FR 32726, Sept. 15, 1986, unless otherwise noted.

Subpart A—General Provisions

§ 716.1 Scope and compliance.

(a) This subpart sets forth requirements for the submission of lists and copies of health and safety studies on chemical substances and mixtures selected for priority consideration for testing rules under section 4(a) of the Toxic Substances Control Act (TSCA) and on other chemical substances and mixtures for which EPA requires health and safety information in fulfilling the purposes of TSCA.

(b) Section 15(3) of TSCA makes it unlawful for any person to fail or refuse to submit information required under this subpart. Section 16 provides that a violation of section 15 renders a

person liable to the United States for a civil penalty and possible criminal prosecution. Under section 17, the district courts of the United States have jurisdiction to restrain any violation of section 15.

§ 716.3 Definitions.

The definitions in section 3 of TSCA apply to this subpart. In addition, the following definitions are provided for the purposes of this subpart:

Byproduct means a chemical substance produced without a separate commercial intent during the manufacture, processing, use, or disposal of another chemical substance(s) or mixture(s).

Co-product means a chemical substance produced for a commercial purpose during the manufacture, processing, use, or disposal of another chemical substance(s) or mixture(s).

Copy of study means the written presentation of the purpose and methodology of a study and its results.

EPA means the United States Environmental Protection Agency.

Health and safety study or *study* means any study of any effect of a chemical substance or mixture on health or the environment or on both, including underlying data and epidemiological studies, studies of occupational exposure to a chemical substance or mixture, toxicological, clinical, and ecological or other studies of a chemical substance or mixture, and any test performed under TSCA.

(1) It is intended that the term *health and safety study* be interpreted broadly. Not only is information which arises as a result of a formal, disciplined study included, but other information relating to the effects of a chemical substance or mixture on health or the environment is also included. Any data that bear on the effects of a chemical substance on health or the environment would be included. Chemical identity is part of, or underlying data to, a health and safety study.

(2) Examples are: