

Environmental Protection Agency

§ 716.120

(c) Prior to the effective date of an amendment under paragraph (b) of this section, the Assistant Administrator for Chemical Safety and Pollution Prevention may for good cause withdraw a chemical substance, mixture, or category of chemical substances from § 716.120. Any information submitted showing why a chemical substance, mixture, or category of chemical substances should be withdrawn from the amendment must be received by EPA within 14 days after the date of publication of the notice under paragraph (b) of this section. If a chemical substance, mixture, or category of chemical substances is withdrawn, a FEDERAL REGISTER notice announcing this decision will be published no later than the effective date of the amendment under paragraph (b) of this section.

(d) Persons who wish to submit information that shows why a substance should be withdrawn must submit their comments by using the CISS tool to complete and submit all data, reports, and other information required by 40 CFR part 716, via CDX.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 for further instructions to go <http://www.epa.gov/oppt/chemtest/ereporting/index.html>.

[51 FR 32726, Sept. 15, 1986, as amended at 60 FR 34464, July 3, 1995; 71 FR 47135, Aug. 16, 2006; 77 FR 46292, Aug. 3, 2012; 78 FR 72827, Dec. 4, 2013]

§ 716.120 Substances and listed mixtures to which this subpart applies.

Substances listed in this section appear in order by Chemical Abstract Service Registry Number. Chemical mixtures and categories are listed separately and by alphabetical order. Chemical substances listed within a category are provided only as examples of the category, and are not included on the list of substances. When a chemical substance in the substance or category list had been listed previously by a trivial (or common) name, it appears first, followed by the Chemical Abstract Service (CAS) name appearing in the TSCA Chemical Substance Inventory.

(a) *List of substances.* The following chemical substances are subject to all the provisions of part 716. Manufacturers, importers, and processors of a listed substance are subject to the reporting requirements of subpart A for that substance.

CAS No.	Substance	Special exemptions	Effective date	Sunset date
62-74-8	Acetic acid, fluoro-, sodium salt .....	.....	03/07/86	03/07/96
67-63-0	2-Propanol .....	.....	12/15/86	12/15/96
67-66-3	Methane, trichloro- .....	.....	06/01/87	06/01/97
67-72-1	Ethane, hexachloro- .....	.....	04/29/83	01/13/86
68-12-2	Dimethyl formamide-Formamide, N,N-dimethyl- .....	.....	4/13/89	12/19/95
71-55-6	1,1,1-Trichloroethane—Ethane, 1,1,1-trichloro- .....	.....	10/04/82	10/04/92
74-83-9	Methane, bromo- .....	.....	06/01/87	06/01/97
74-87-3	Chloromethane—Methane, chloro- .....	.....	10/04/82	10/04/92
74-95-3	Methane, dibromo- .....	.....	6/1/87	12/19/95
74-97-5	Methane, bromochloro- .....	.....	6/1/87	12/19/95
75-00-3	Ethane, chloro- .....	.....	06/01/87	06/01/97
75-02-5	Vinyl fluoride—Ethene, fluoro- .....	.....	10/04/82	10/04/92
75-04-7	Ethanamine .....	.....	6/1/87	12/19/95
75-05-8	Acetonitrile .....	.....	10/04/82	10/04/92
75-09-2	Methylene chloride—Methane, dichloro- .....	.....	10/04/82	10/04/92
75-12-7	Formamide .....	.....	04/29/83	04/29/93
75-21-8	Oxirane .....	.....	10/04/82	10/04/92
75-25-2	Methane, tribromo- .....	.....	06/01/87	06/01/97
75-27-4	Methane, bromodichloro- .....	.....	6/1/87	12/19/95
75-29-6	Propane, 2-chloro- .....	.....	6/1/87	12/19/95
75-34-3	Ethane, 1,1-dichloro- .....	.....	06/01/87	06/01/97
75-37-6	1,1-Difluoroethane—Ethane, 1,1-difluoro- .....	.....	4/13/89	12/19/95
75-38-7	Vinylidene fluoride—Ethene, 1,1-difluoro- .....	.....	10/04/82	10/04/92
75-43-4	Dichloromonofluoromethane—Methane, dichlorofluoro- .....	.....	4/13/89	12/19/95
75-45-6	Chlorodifluoromethane—Methane, chlorodifluoro- .....	.....	4/13/89	6/30/98
75-52-5	Nitromethane—Methane, nitro- .....	.....	4/13/89	12/19/95
75-56-9	Oxirane, methyl- .....	.....	10/04/82	10/04/92
75-68-3	1-Chloro-1,1-difluoroethane—Ethane, 1-chloro-1,1-difluoro .....	.....	4/13/89	12/19/95
75-86-5	Propanenitrile, 2-hydroxy-2-methyl- .....	.....	3/7/86	12/19/95

CAS No.	Substance	Special exemp- tions	Effective date	Sunset date
75–88–7	Ethane, 2-chloro- 1,1,1-trifluoro .....	.....	10/15/90	11/09/93
76–13–1	1,1,2-Trichloro-1,2,2-trifluoroethane-Ethane, 1,1,2-trichloro-1,2,2-trifluoro-1. ....	.....	4/13/89	12/19/95
77–47–4	Hexachlorocyclopentadiene—1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro- .....	.....	10/04/82	10/04/92
77–58–7	Dibutyltin dilaurate—Stannane, dibutylbis[(1-oxododecyl)oxy]- ....	.....	01/03/83	01/03/93
78–59–1	Isophorone—2-Cyclohexen-1-one, 3,5,5-trimethyl- .....	.....	10/04/82	10/04/92
78–83–1	1-Propanol, 2-methyl- .....	.....	03/07/86	03/07/96
78–87–5	1,2-Dichloropropane—Propane, 1,2-dichloro- .....	.....	10/04/82	10/04/92
78–88–6	1-Propene, 2,3-dichloro- .....	.....	6/1/87	12/19/95
78–93–3	Methyl ethyl ketone—2-Butanone .....	.....	10/04/82	10/04/92
78–97–7	Propanenitrile, 2-hydroxy- .....	.....	6/1/87	12/19/95
78–99–9	Propane, 1,1-dichloro- .....	.....	3/7/86	12/19/95
79–00–5	Ethane, 1,1,2-trichloro- .....	.....	06/01/87	06/01/97
79–06–1	Acrylamide—2-Propenamide .....	.....	10/04/82	10/04/92
79–24–3	Nitroethane-Ethane, nitro- .....	.....	4/13/89	12/19/95
79–94–7	Tetrabromobisphenol A—Phenol, 4,4'-(methylene)bis[2,6-dibromo- .....	.....	06/20/85	06/20/95
80–05–7	Bisphenol A—Phenol, 4,4'-(1-methylene)bis- .....	.....	06/28/84	06/28/94
80–15–9	Hydroperoxide, 1-methyl-1-phenylethyl .....	.....	3/7/86	12/19/95
80–62–6	Methyl methacrylate—2-Propenoic acid, 2-methyl-, methyl ester .....	.....	4/13/89	6/30/98
84–65–1	Anthraquinone—9,10-Anthracenedione .....	.....	12/28/84	11/09/93
85–22–3	Pentabromoethylbenzene—Benzene, pentabromoethyl- .....	.....	12/28/84	12/28/94
85–68–7	Benzyl butyl phthalate—1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester. ....	.....	04/29/83	04/29/93
86–74–8	9H-Carbazole .....	.....	03/07/86	03/07/96
87–68–3	Hexachloro-1,3-butadiene—1,3-Butadiene, 1,1,2,3,4,4-hexachloro- .....	.....	10/04/82	10/04/92
88–04–0	p-Chloro-m-xylene-Phenol, 4-chloro-3,5-dimethyl- .....	.....	14/13/89	12/19/95
90–30–2	N-Phenyl-1-naphthylamine .....	.....	9/30/91	12/19/95
90–42–6	[1,1'-Bicyclohexyl]-2-one .....	.....	06/01/87	11/09/93
91–08–7	Benzene, 1,3-diisocyanato-2-methyl- .....	.....	6/1/87	12/19/95
91–20–3	Naphthalene .....	.....	06/01/87	06/01/97
91–58–7	Naphthalene, 2-chloro- .....	.....	10/04/82	10/04/92
92–52–4	1,1'-Biphenyl .....	.....	04/29/83	04/29/93
92–69–3	[1,1'-Biphenyl]-4-ol .....	.....	6/1/87	12/19/95
92–84–2	10H-Phenothiazine .....	.....	06/01/87	06/01/97
92–87–5	[1,1'-Biphenyl]-4,4'-diamine .....	.....	06/01/87	06/01/97
95–14–7	1,2,3-Benzotriazole-1H-Benzotriazole .....	.....	4/13/89	12/19/95
95–47–6	o-Xylene—Benzene, 1,2-dimethyl- .....	.....	10/04/82	10/04/92
95–48–7	o-Cresol—Phenol, 2-methyl- .....	.....	10/04/82	10/04/92
95–49–8	2-Chlorotoluene—Benzene, 1-chloro-2-methyl- .....	.....	04/29/83	04/29/93
95–53–4	Benzenamine, 2-methyl- .....	.....	3/7/86	12/19/95
95–63–6	1,2,4-Trimethylbenzene—Benzene, 1,2,4-trimethyl- .....	.....	04/29/83	04/29/93
96–18–4	Propane, 1,2,3-trichloro- .....	.....	06/01/87	06/01/97
96–29–7	2-Butanone, oxime .....	.....	12/15/86	12/19/95
96–37–7	Methylcyclopentane—Cyclopentane, methyl- .....	.....	06/20/85	11/09/93
97–18–7	Phenol, 2,2'-thiobis[4,6-dichloro- .....	.....	6/1/87	12/19/95
97–23–4	Phenol, 2,2'-methylenebis[4-chloro- .....	.....	6/1/87	12/19/95
97–88–1	Butyl methacrylate-2-Propenoic acid, 2-methyl-,butyl ester .....	.....	4/13/89	12/19/95
98–01–1	2-Furancarboxaldehyde .....	.....	06/01/87	06/01/97
98–06–6	Benzene, (1,1-dimethylethyl)- .....	.....	6/1/87	12/19/95
98–09–9	Benzenesulfonyl chloride .....	.....	3/7/86	12/19/95
98–51–1	p-tert-Butyltoluene—Benzene, 1-(1,1-dimethylethyl)-4-methyl- .....	.....	06/25/86	06/25/96
98–56–6	4-Chlorobenzotrifluoride—Benzene, 1-chloro-4-(trifluoromethyl)- ..	.....	04/29/83	04/29/93
98–73–7	p-tert-Butylbenzoic acid-Benzoic acid, 4-(1,1-dimethylethyl)- ..	.....	6/25/86	12/19/95
98–82–8	Cumene—Benzene, (1-methylethyl)- .....	.....	12/28/84	12/28/94
98–83–9	Benzene, (1-methylethyl)- .....	.....	06/01/87	11/09/93
98–95–3	Nitrobenzene—Benzene, nitro- .....	.....	10/04/82	10/04/92
100–02–7	p-Nitrophenol—Phenol, 4-nitro- .....	.....	4/13/89	6/30/98
100–40–3	4-Vinylcyclohexene .....	.....	1/11/90	11/09/93
100–41–4	Benzene, ethyl- .....	.....	06/19/87	06/19/97
100–48–1	4-Pyridinecarbonitrile .....	.....	06/01/87	06/01/97
100–54–9	3-Pyridinecarbonitrile .....	.....	06/01/87	12/29/88
100–70–9	2-Pyridinecarbonitrile .....	.....	06/01/87	11/09/93
101–68–8	Benzene, 1,1'-methylenebis[4-isocyanato- .....	.....	06/01/87	06/01/97
101–77–9	Benzenamine, 4,4'-methylenebis- .....	.....	10/04/82	10/04/92
101–84–8	Diphenyl oxide—Benzene, 1,1'-oxybis- .....	.....	4/13/89	6/30/98
102–71–6	Triethanolamine-Ethanol, 2,2',2''-nitritoltris- .....	.....	4/13/89	12/19/95
104–49–4	Benzene, 1,4-diisocyanato- .....	.....	06/01/87	11/09/93
104–51–8	Benzene, butyl- .....	.....	6/1/87	12/19/95
104–76–7	1-Hexanol, 2-ethyl-	6/1/87	12/19/95
105–60–2	2H-Azepin-2-one, hexahydro-	06/01/87	06/01/97

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CAS No.	Substance	Special exemp- tions	Effective date	Sunset date
106-42-3	<i>p</i> -Xylene—Benzene, 1,4-dimethyl-		10/04/82	10/04/92
106-43-4	Benzene, 1-chloro-4-methyl-		6/1/87	12/19/95
106-44-5	<i>p</i> -Cresol—Phenol, 4-methyl-		10/04/82	10/04/92
106-49-0	Benzenamine, 4-methyl-		03/07/86	03/07/96
106-50-3	<i>p</i> -Phenylenediamine—1,4-Benzenediamine		10/04/82	10/04/92
106-51-4	Quinone—2,5-Cyclohexadiene-1,4-dione		10/04/82	10/04/92
106-88-7	Oxirane, ethyl-		10/04/82	10/04/92
106-89-8	Oxirane, (chloromethyl)-		10/04/82	10/04/92
107-06-2	Ethane, 1,2-dichloro-		06/01/87	06/01/97
107-10-8	1-Propanamine		3/7/86	12/19/95
107-19-7	2-Propyn-1-ol		3/7/86	12/19/95
107-98-2	1-Methoxy-2-propanol—2-Propanol, 1-methoxy-		4/13/89	6/30/98
108-05-4	Vinyl acetate—Acetic acid ethenyl ester		02/10/86	02/10/96
108-10-1	Methyl isobutyl ketone—2-Pentanone, 4-methyl-		10/04/82	10/04/92
108-31-6	Maleic anhydride—2,5-Furandione		09/10/84	09/10/94
108-38-3	<i>m</i> -Xylene—Benzene, 1,3-dimethyl-		10/04/82	10/04/92
108-39-4	<i>m</i> -Cresol—Phenol, 3-methyl-		10/04/82	10/04/92
108-60-1	Propane, 2,2'-oxybis[1-chloro-		6/1/87	12/19/95
108-67-8	1,3,5-Trimethylbenzene—Benzene, 1,3,5-trimethyl-		02/13/84	02/13/94
108-86-1	Benzene, bromo-		6/1/87	12/19/95
108-88-3	Toluene—Benzene, methyl-		10/04/82	10/04/92
108-89-4	4-Methylpyridine—Pyridine, 4-methyl-		09/10/84	09/10/94
108-94-1	Cyclohexanone		10/04/82	10/04/92
108-95-2	Phenol		06/01/87	06/01/97
108-95-5	Thiophenol		1/26/94	12/19/95
108-98-5	Benzenethiol		03/07/86	03/07/96
108-99-6	3-Methylpyridine—Pyridine, 3-methyl-		09/10/84	09/10/94
109-06-8	2-Methylpyridine—Pyridine, 2-methyl-		09/10/84	09/10/94
109-77-3	Propanedinitrile		3/7/86	12/19/95
109-87-5	Methane, Dimethoxy-		6/1/87	12/19/95
109-89-7	Ethanamine, <i>N</i> -ethyl-		06/01/87	06/01/97
110-75-8	Ethene, (2-chloroethoxy)-		3/7/86	12/19/95
110-82-7	Cyclohexane		12/19/85	12/19/95
110-86-1	Pyridine		10/04/82	10/04/92
111-21-7	Ethylene bisoxyethylene diacetate—Ethanol, 2,2'-[1,2-ethanediylbis(oxy)]bis-, diacetate.		01/13/84	12/29/88
111-40-0	Diethylenetriamine—1,2-Ethanediamine, <i>N</i> -(2-aminoethyl)-		04/29/83	04/29/93
111-42-2	Diethanolamine—Ethanol, 2,2'-iminobis-		4/13/89	6/30/98
111-69-3	Hexanedinitrile		6/1/87	12/19/95
111-76-2	2-Butoxyethanol—Ethanol, 2-butoxy-		4/13/89	6/30/98
111-77-3	Diethylene glycol monomethyl ether—Ethanol, 2-(2-methoxyethoxy)-.		4/13/89	12/19/95
111-90-0	Diethylene glycol monoethyl ether—Ethanol, 2-(2-ethoxyethoxy)- ..		4/13/89	12/19/95
111-91-1	Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-		3/7/86	12/19/95
111-92-2	1-Butanamine, <i>N</i> -butyl-		6/1/87	12/19/95
112-35-6	Triethyleneglycol monomethyl ether—Ethanol, 2-[2-(2-methoxyethoxy)ethoxy]-.		06/20/85	06/20/95
112-50-5	Triethyleneglycol monoethyl ether—Ethanol, 2-[2-(2-ethoxyethoxy)ethoxy]-.		06/20/85	06/20/95
112-90-3	Oleylamine—9-Octadecen-1-amine, (<i>Z</i>)-		01/13/84	01/13/94
115-28-6	Chlorendic acid—Bicyclo[2.2.1] hept-5-ene-2,3-dicarboxylic acid, 1,4,5,6,7,7-hexachloro-		04/29/83	01/13/86
115-96-8	Ethanol, 2-chloro-, phosphate (3:1)		12/16/88	11/09/93
118-79-6	2,4,6-Tribromophenol		1/11/90	6/30/98
120-20-7	Anthracene		06/01/87	06/01/97
120-32-1	2-Benzyl-4-chlorophenol—Phenol, 4-chloro-2-chlorophenol(phenyl methyl)-.		4/13/89	12/19/95
121-44-8	Ethanamine, <i>N,N</i> -diethyl-		01/13/84	01/13/94
121-47-1	Benzenesulfonic acid, 3-amino-		06/01/87	12/29/88
122-09-8	Benzeneethanamine, alpha,alpha-dimethyl-		3/7/86	12/19/95
122-66-7	Hydrazine, 1,2-diphenyl-		06/01/87	06/01/97
122-99-6	2-Phenoxyethanol—Ethanol, 2-phenoxy-		07/01/83	07/01/93
123-31-9	Hydroquinone—1,4-Benzenediol		10/04/84	10/04/94
123-61-5	Benzene, 1,3-diisocyanato-		06/01/87	11/09/93
123-72-8	Butanal		12/16/88	12/19/95
124-16-3	1-Butoxyethoxy-2-propanol-2-Propanol, 1-(2-butoxyethoxy)-		4/13/89	12/19/95
124-17-4	2-(2-Butoxyethoxy)ethyl acetate—Ethanol, 2-(2-butoxyethoxy)-, acetate.		01/13/82	01/13/92
124-48-1	Methane, dibromochloro-		06/01/87	06/01/97
126-73-8	Phosphoric acid, tributyl ester		06/18/86	06/18/96
126-99-8	Chloroprene—1,3-Butadiene, 2-chloro-		12/28/84	12/28/94
127-18-4	Ethene, tetrachloro-		06/01/87	06/01/97
128-39-2	Phenol, 2,6-bis(1,1-dimethylethyl)-		12/19/85	11/09/93

CAS No.	Substance	Special exemp- tions	Effective date	Sunset date
128–86–9	2,6-Anthracenedisulfonic acid, 4,8-diamino-9,10-dihydro-1,5-dihydroxy-9,10-dioxo-		12/21/87	11/09/93
129–00–0	Pyrene		06/01/87	06/01/97
131–17–9	Diallyl phthalate-1,2-Benzenedicarboxylic acid, di-2-propenyl ester.		4/13/89	12/19/95
135–98–8	Benzene, (1-methylpropyl)-		6/1/87	12/19/95
136–35–6	1-Triazene, 1,3-diphenyl-	§ 716.21(a)(5)	6/3/04	8/2/04
137–20–2	Sodium <i>N</i> -methyl- <i>N</i> -oleoyltaurine—Ethanedisulfonic acid, 2-[methyl (1-oxo-9-octadecenyl)amino]-, sodium salt, (<i>Z</i>)-.		12/28/84	12/28/94
137–26–8	Thioperoxydicarbonic diamide, tetramethyl-		6/1/87	12/19/95
139–25–3	Benzene, 1,1'-methylenebis[4-isocyanato-3-methyl-		06/01/87	11/09/93
140–08–9	Tris(2-chloroethyl)phosphite—Ethanol, 2-chloro-, phosphite (3:1)		04/29/83	01/13/86
140–66–9	4-(1,1,3,3-Tetramethylbutyl) phenol—Phenol, 4-(1,1,3,3-tetramethylbutyl)-.		01/30/83	12/29/88
140–88–5	Ethyl acrylate—2-Propenoic acid, ethyl ester		4/13/89	6/30/98
141–79–7	Mesityl oxide—3-Penten-2-one, 4-methyl-		10/04/82	10/04/92
142–28–9	Propane, 1,3-dichloro-		3/7/86	12/19/95
142–84–7	1-Propanamine, <i>N</i> -propyl-		03/07/86	12/5/90
143–22–6	Triethyleneglycol monobutyl ether—Ethanol, 2-[-2-(2-butoxyethoxy)ethoxy]-.		06/20/85	06/20/95
143–33–9	Sodium cyanide		10/29/90	12/19/95
149–30–4	Mercaptobenzothiazole—2(3 <i>H</i>)-Benzothiazolethione		12/28/84	12/28/94
149–57–5	2-Ethylhexanoic acid—Hexanoic acid, 2-ethyl-		06/28/84	06/28/94
306–83–2	Ethane, 2,2-dichloro-1,1,1-trifluoro		10/15/90	11/09/93
328–84–7	3,4-Dichlorobenzotrifluoride—Benzene, 1,2-dichloro-4-(trifluoromethyl)-.		05/08/85	11/09/93
354–33–6	Ethane, pentafluoro		10/15/90	11/09/93
357–57–3	Strychnidin-10-one, 2,3-dimethoxy-		3/7/86	12/19/95
428–59–1	Oxirane, trifluoro(trifluoromethyl)-		10/04/82	10/04/92
496–46–8	Imidazo[4,5- <i>dj</i>]imidazole-2,5(1 <i>H</i> ,3 <i>H</i>)-dione, tetrahydro-	§ 716.21(a)(1)	6/3/04	8/2/04
472–41–3	Phenol, 4-(3,4-dihydro-2,2,4-trimethyl-2 <i>H</i> -1-benzopyran-4-yl)-		06/01/87	12/29/88
506–96–7	Acetyl bromide		6/1/87	12/19/95
526–73–8	1,2,3-Trimethylbenzene—Benzene, 1,2,3-trimethyl-		02/13/84	11/09/93
530–50–7	Hydrazine, 1,1-diphenyl-		6/1/87	12/19/95
534–07–6	2-Propanone, 1,3-dichloro-		6/1/87	12/19/95
540–54–5	Propane, 1-chloro-		6/1/87	12/19/95
540–84–1	Pentane, 2,2,4-trimethyl-		6/1/87	12/19/95
542–75–6	1-Propene, 1,3-dichloro-		06/01/87	06/01/97
556–67–2	Octamethylcyclotetrasiloxane—Cyclotetrasiloxane, octamethyl-		12/28/84	12/28/94
563–54–2	1-Propene, 1,2-dichloro-		03/07/86	12/29/88
563–58–6	1-Propene, 1,1-dichloro-		03/07/86	12/29/88
580–51–8	[1,1'-Biphenyl]-3-ol		06/01/87	11/09/93
584–84–9	Benzene, 2,4-diisocyanato-1-methyl-		06/01/87	06/01/97
591–08–2	Acetamide, <i>N</i> -(aminothioxomethyl)-		3/7/86	12/19/95
594–20–7	Propane, 2,2-dichloro-		3/7/86	12/19/95
598–21–0	Acetyl bromide, bromo-		6/1/87	12/19/95
598–31–2	2-Propanone, 1-bromo-		3/7/86	12/19/95
616–23–9	1-Propanol, 2,3-dichloro-		3/7/86	12/19/95
620–14–4	<i>m</i> -Ethyltoluene—Benzene, 1-ethyl-3-methyl-		04/29/83	04/29/93
622–96–8	<i>p</i> -Ethyltoluene—Benzene, 1-ethyl-4-methyl-		04/29/83	04/29/93
630–20–6	Ethane, 1,1,1,2-tetrachloro-		6/1/87	12/19/95
632–79–1	Tetrabromophthalic anhydride		1/11/90	12/19/95
637–92–3	Ethyl- <i>tert</i> -butyl ether	§ 716.20(b)(3) applies	12/28/94	6/30/98
646–06–0	1,3-Dioxolane		01/03/83	01/03/93
677–21–4	Trifluoromethylethene—1-Propene, 3,3,3-trifluoro-		04/29/83	01/13/86
685–91–6	Acetamide, <i>N,N</i> -diethyl-		06/01/87	11/09/93
692–42–2	Arsine, diethyl-		3/7/86	12/19/95
696–28–6	Arsonous dichloride, phenyl-		3/7/86	12/19/95
757–58–4	Tetraphosphoric acid, hexaethyl ester		3/7/86	12/19/95
811–97–2	Ethane, 1,1,2-tetrafluoro-		10/15/90	11/09/93
812–03–3	Propane, 1,1,1,2-tetrachloro-		6/1/87	12/19/95
822–06–0	Hexane, 1,6-diisocyanato-		6/1/87	12/19/95
828–00–2	1,3-Dioxan-4-ol, 2,6-dimethyl-, acetate		6/1/87	12/19/95
930–22–3	Oxirane, ethenyl-		10/04/82	10/04/92
939–97–9	<i>p-tert</i> -Butylbenzaldehyde—Benzaldehyde, 4-(1,1-dimethylethyl)-		06/25/86	11/09/93
994–05–8	<i>Tert</i> -amyl methyl ether	§ 716.20(b)(3) applies	12/28/94	06/30/98
1000–82–4	Methylolurea—Urea, (hydroxymethyl)-		07/01/83	07/01/93
1070–78–6	Propane, 1,1,1,3-tetrachloro-		6/1/87	12/19/95
1163–19–5	Decabromodiphenyl ether		1/11/90	06/30/98
1185–81–5	Dibutyltin bis(lauryl mercaptide)—Stannane, dibutylbis(dodecylthio).		01/03/83	01/03/93

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CAS No.	Substance	Special exemp- tions	Effective date	Sunset date
1208-52-2	Benzenamine, 2-[(4-aminophenyl)methyl]-	06/01/87	11/09/93
1300-71-6	Phenol, dimethyl- .....	.....	6/1/87	12/19/95
1309-64-4	Antimony trioxide .....	.....	10/04/82	10/04/92
1321-38-6	Benzene, diisocyanatomethyl-(unspecified isomer) .....	.....	06/01/87	11/09/93
1321-64-8	Naphthalene, pentachloro- .....	.....	10/04/82	10/04/92
1321-65-9	Naphthalene, trichloro- .....	.....	10/04/82	10/04/92
1331-47-1	[1,1'-Biphenyl]-4,4'-diamino, dichloro- .....	.....	06/01/87	11/09/93
1333-41-1	Methyl pyridine—Pyridine, methyl- .....	.....	09/10/84	12/29/88
1335-87-1	Naphthalene, hexachloro- .....	.....	10/04/82	10/04/92
1335-88-2	Naphthalene, tetrachloro- .....	.....	10/04/82	10/04/92
1345-04-6	Antimony trisulfide .....	.....	10/04/82	10/04/92
1464-53-5	2,2'-Bioxirane .....	.....	10/04/82	10/04/92
1634-04-4	Propane, 2-methoxy-2-methyl- .....	.....	12/15/86	12/15/96
1649-08-7	Ethane, 1,2-dichloro-1,1-difluoro .....	.....	10/15/90	12/19/95
1717-00-6	Ethane, 1,1-dichloro-1-fluoro- .....	.....	10/15/90	11/09/93
1825-30-5	Naphthalene, 1,5-dichloro- .....	.....	10/04/82	10/04/92
1825-31-6	Naphthalene, 1,4-dichloro- .....	.....	10/04/82	10/04/92
1888-71-7	1-Propene, 1,1,2,3,3,3-hexachloro- .....	.....	3/7/87	12/19/95
2050-69-3	Naphthalene, 1,2-dichloro- .....	.....	10/04/82	10/04/92
2050-72-8	Naphthalene, 1,6-dichloro- .....	.....	10/04/82	10/04/92
2050-73-9	Naphthalene, 1,7-dichloro- .....	.....	10/04/82	10/04/92
2050-74-0	Naphthalene, 1,8-dichloro- .....	.....	10/04/82	10/04/92
2050-75-1	Naphthalene, 2,3-dichloro- .....	.....	10/04/82	10/04/92
2065-70-5	Naphthalene, 2,6-dichloro- .....	.....	10/04/82	10/04/92
2198-75-6	Naphthalene, 1,3-dichloro- .....	.....	10/04/82	10/04/92
2198-77-8	Naphthalene, 2,7-dichloro- .....	.....	10/04/82	10/04/92
2234-13-1	Naphthalene, octachloro- .....	.....	10/04/82	10/04/92
2536-05-2	Benzene, 1,1'-methylenebis[2-isocyanato- .....	.....	06/01/87	11/09/93
2556-36-7	Cyclohexane, 1,4-diisocyanato .....	.....	06/01/87	11/09/93
2763-96-4	3(2H)-Isoxazalone, 5-(aminomethyl)- .....	.....	3/7/86	2/19/95
2778-42-9	Benzene, 1,3-bis(1-isocyanato-1-methylethyl)- .....	.....	06/01/87	11/09/93
2861-02-1	2,6-Anthracenedisulfonic acid, 4,8-diamino-9,10-dihydro-1,5- dihydroxy-9,10-dioxo-, disodium salt .....	.....	12/21/87	12/19/95
2873-89-0	Ethane, 2-chloro-1,1,1,2-tetrafluoro- .....	.....	10/15/90	11/09/93
3083-25-8	Oxirane, (2,2,2-trichloroethyl)- .....	.....	10/04/82	10/04/92
3173-72-6	Naphthalene, 1,5-diisocyanato- .....	.....	6/1/87	12/19/95
3194-55-6	Hexabromocyclododecane .....	.....	1/11/90	12/19/95
3278-89-5	Benzene, 1,3,5-tribromo-2-(2-propenyloxy)-	§ 716.21(a)(4)	6/3/04	8/2/04
3288-58-2	Phosphorodithioic acid, O,O-diethyl-S-methyl ester .....	.....	3/7/86	12/19/95
3296-90-0	1,3-Propanediol, 2,2-bis(bromomethyl)- .....	.....	6/1/87	12/19/95
3319-31-1	Tris(2-ethylhexyl) trimellitate—1,2,4-benzenetricarboxylic acid, tris(2-ethylhexyl)ester. .....	.....	01/03/83	01/03/93
3322-93-8	1,2-Dibromo-4-(1,2-dibromoethyl) cyclohexane—Cyclohexane, 1,2-dibromo-4-(1,2-dibromoethyl)- .....	.....	06/28/84	12/29/88
3389-71-7	1,2,3,4,7,7-Hexachloronorbomadiene—Bicyclo[2.2.1]hepta-2,5- diene, 1,2,3,4,7,7-hexachloro- .....	.....	01/13/84	01/13/94
3618-72-2	Acetamide, N-[5-[bis(2-(acetyloxy)ethyl)amino]-2-[(2-bromo-4,6- dinitrophenyl)azo]-4-methoxyphenyl]- .....	.....	06/19/87	11/09/93
3618-73-3	Acetamide, N-[5-[bis(2-(acetyloxy)ethyl)amino]-2-[(2-chloro-4,6- dinitrophenyl)azo]-4-methoxyphenyl]- .....	.....	06/19/87	11/09/93
3956-55-6	Acetamide, N-[5-[bis(2-(acetyloxy)ethyl)amino]-2-[(2-bromo-4,6- dinitrophenyl)azo]-4-ethoxyphenyl]- .....	.....	12/15/86	11/09/93
4098-71-9	Cyclohexane, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethyl- .....	.....	06/01/87	06/01/97
4170-30-3	2-Butenal .....	.....	3/7/86	12/19/95
5124-30-1	Cyclohexane, 1,1'-methylenebis[4-isocyanato- .....	.....	06/01/87	06/01/97
5131-66-8	1-Butoxy-2-propanol-2-Propanol, 1-butoxy- .....	.....	4/13/89	12/19/95
5344-82-1	Thiourea, (2-chlorophenyl)- .....	.....	3/7/86	12/19/95
5873-54-1	Benzene, 1-isocyanato-2-[4-isocyanatophenyl)methyl]- .....	.....	06/01/87	11/09/93
6145-73-9	1-Propanol, 2-chloro-, phosphate (3:1) .....	.....	12/16/88	11/09/93
6247-34-3	2-Anthracenesulfonic acid, 4-[[4-(acetylamino)phenyl]amino]-1- amino-9,10-dihydro-9,10-dioxo- .....	.....	12/21/87	11/09/93
6422-86-2	Bis(2-ethylhexyl) terephthalate—1,4-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester. .....	.....	01/03/83	01/03/93
6424-85-7	2-Anthracenesulfonic acid, 4-[[4-(acetylamino)phenyl]amino]- 1- amino-9,10-dihydro-9,10-dioxo-, monosodium salt. .....	.....	12/21/87	12/19/95
7320-37-8	Oxirane, tetradecyl- .....	.....	10/04/82	10/04/92
7440-28-0	Thallium .....	.....	06/01/87	06/01/97
7440-36-0	Antimony .....	.....	10/04/82	10/04/92
7440-48-4	Cobalt .....	.....	06/01/87	06/01/97
7723-14-0	White phosphorus .....	.....	04/12/93	06/30/98
9011-05-6	Urea, polymer with formaldehyde	§ 716.20(b)(1) ap- plies.	06/03/85	06/03/95
9016-87-9	Isocyanic acid, polymethylenepolyphenylene ester .....	.....	6/1/87	12/19/95

CAS No.	Substance	Special exemp- tions	Effective date	Sunset date
10347–54–3	Cyclohexane, 1,4-bis(isocyanatomethyl)-		06/01/87	06/01/87
10436–39–2	1-Propene, 1,1,2,3-tetrachloro-		6/1/87	12/19/95
12001–85–3	Naphthenic acids, zinc salts		6/1/87	12/19/95
12185–10–3	White phosphorus		01/26/94	06/30/98
12217–79–7	9,10-Anthracenedione, 1,5-diamino-chloro-4,8-dihydroxy-		12/21/87	11/09/93
13414–54–5	Methallyl 2-nitrophenyl ether—Benzene, 1-[(2-methyl-2-propenyl)oxy]-2-nitro-		02/13/84	11/09/93
13414–55–6	7-Nitro-2,2-dimethyl-2,3-dihydro-benzofuran—Benzofuran, 2,3-dihydro-2,2-dimethyl-7-nitro-		02/13/84	02/13/94
13674–84–5	2-Propanol, 1-chloro-, phosphate (3:1)		12/16/88	11/09/93
13674–87–8	2-Propanol, 1,3-dichloro-, phosphate (3:1)		12/16/88	12/19/95
15646–96–5	Hexane, 1,6-diisocyanato-2,4,4-trimethyl-		06/01/87	11/09/93
16691–43–3	3H-1,2,4-Triazole-3-thione, 5-amino-1,2-dihydro-	§ 716.21(a)(1)	6/3/04	8/2/04
16938–22–0	Hexane, 1,6-diisocyanato-2,2,4-trimethyl-		06/01/87	11/09/93
17418–58–5	9,10-Anthracenedione, 1-amino-4-hydroxy-2-phenoxy-		12/21/87	12/19/95
18495–30–2	Propane, 1,1,2,3-tetrachloro-		06/01/87	12/29/88
18633–25–5	Oxirane, tridecyl-		10/04/82	10/04/92
19660–16–3	2-Propenoic acid, 2,3-dibromopropyl ester		06/01/87	12/29/88
21429–43–6	Acetamide, N-[5-[bis(2-(acetyloxy)ethyl)amino]-2-[(2-chloro-4,6-dinitrophenyl)azo]-4-methoxyphenyl]-		06/19/87	11/09/93
25168–06–3	Isopropyl phenol—Phenol, (1-methylethyl)-		04/13/89	11/09/93
25168–21-2	Dibutyltin bis (isooctyl maleate)—2-Butenoic acid, 4,4'-[[dibutylstannylene]bis(oxy)]bis-[4-oxo-, diisooctyl ester, (Z,Z)-		01/03/83	01/03/93
25498–49-1	Tripropylene glycol monomethyl ether-Propanol, [2-(2-methoxy methylethoxy)methylethoxy]-		4/13/89	12/19/95
25550–14–5	Benzene, ethylmethyl- (mixed isomers)		04/29/83	04/29/93
25550–98–5	Phosphorous acid, diisodecyl phenyl ester		12/19/85	12/19/95
25551–13–7	Trimethylbenzene—Benzene, trimethyl- (mixed isomers)		02/13/84	02/13/94
25640–78–2	Isopropyl biphenyl—1,1'-Biphenyl, (1-methylethyl)-		06/28/84	11/09/93
25852–70–4	Monobutyltin tris (isooctyl) mercapto-acetate—Acetic acid, 2,2',2''-[[butylstannylidene]tris(thio)]tris-, trisooctyl ester.		01/03/83	01/03/93
26447–40–5	Benzene, 1,1'-methylenebis(isocyanato-		06/01/87	06/01/97
26471–62–5	Benzene, 1,3-diisocyanatomethyl-		06/01/87	06/01/97
26530–20–1	3(2H)-Isothiazolone, 2-octyl-		06/01/87	12/29/88
26952–23–8	1-Propene, dichloro-		6/1/87	12/19/95
29091–20–1	Benzenamine, 3-chloro-2,6-dinitro-N,N-dipropyl-4-(trifluoromethyl)-	§ 716.21(a)(2)	6/3/04	8/2/04
29385–43-1	Tolyl triazole-1H-Benzotriazole, methyl-		4/13/89	12/19/95
32052–51–0	Isocyanic acid, trimethylcyclohexyl ester		06/01/87	11/09/93
32534–81–9	Pentabromodiphenyl ether		1/11/90	06/30/98
32536–52–0	Octabromodiphenyl ether		1/11/90	06/30/98
32588–76–4	Ethylene Bis-(tetraabromophthalimide)		1/11/90	12/19/95
33125–86–9	Phosphoric acid, 1,2-ethanedijl tetrakis (2-chloroethyl) ester		12/16/88	11/09/93
34590–94–8	Dipropylene glycol monomethyl ether—Propanol, (2-methoxymethylethoxy)-		4/13/89	6/30/98
37853–59-1	1,2-Bis(tribromophenoxy) ethane		1/11/90	06/30/98
38661–72–2	Cyclohexane, 1,3-bis(isocyanatomethyl)-		06/01/87	11/09/93
41291–34–3	Ethylene(5,6-dibromonorbornane-2,3-dicarboximide)		1/11/90	12/19/95
52907–07–0	Ethylene bis(5,6-dibromonorbornane-2,3-dicarboximide)		1/26/94	12/19/95
57137–10–7	Tribrominated polystyrene		1/11/90	12/19/95
61262–53-1	Ethylene bis(pentabromophenoxide)		1/11/90	12/19/95
61788–33–8	Terphenyl, chlorinated		10/04/82	12/29/88
61789–36–4	Calcium naphthenate—Naphthenic acids, calcium salts		07/01/83	07/01/93
61789–51–3	Cobalt naphthenate—Naphthenic acids, cobalt salts		07/01/83	07/01/93
61790–14–5	Lead naphthenate—Naphthenic acids, lead salts		07/01/83	07/01/93
64742–95–6	Solvent naphtha (petroleum), light arom		2/13/84	2/13/94
68081–84–5	Oxirane, mono[(C _{10–16} -alkyloxy) methyl] derivatives		10/04/82	10/04/92
68122–86–1	Imidazolium compounds, 4,5-dihydro-1-methyl-2-nortallow alkyl-1-(2-tallow amidoethyl), methyl sulfates.		6/20/88	12/19/95
68153-35-5	Ethanaminium, 2-amino-N-(2-aminoethyl-N-(2-hydroxyethyl)-N-methyl-, N,N'-ditallow acyl derivatives, methyl sulfates (salts).		06/20/88	11/09/93
68298–46–4	7-Amino-2,2-dimethyl-2,3-dihydrobenzofuran—7-Benzofuranamine,2,3-dihydro-2,2-dimethyl-		02/13/84	12/29/88
68389–88–8	Poly(oxy-1,2-ethanedijl), α-[2-[bis(2-aminoethyl)methylammonio]ethyl]-ω-hydroxy-, N,N'-dicoco acyl derivatives, methyl sulfates (salts).		06/20/88	11/09/93
68389–89–9	Poly(oxy-1,2-ethanedijl), α-[2-[bis(2-aminoethyl)methylammonio]ethyl]-ω-hydroxy-, N,N'-bis(hydrogenated tallow acyl) derivatives, methyl sulfates (salts).		06/20/88	11/09/93
68410–69–5	Poly(oxy-1,2-ethanedijl), α-[2-[bis(2-aminoethyl)methylammonio]ethyl]-w-hydroxy-, N,N'-ditallow acyl derivatives, methyl sulfates (salts).		6/20/88	12/19/95

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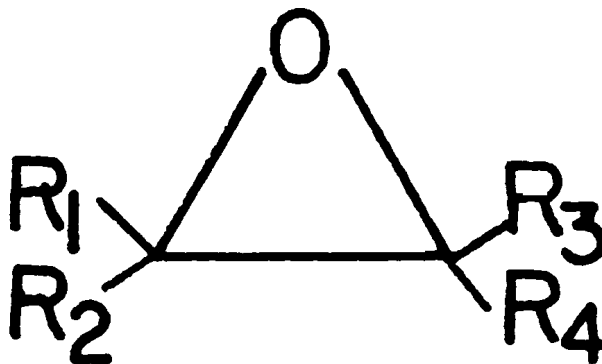
CAS No.	Substance	Special exemptions	Effective date	Sunset date
68413-04-7	Poly[oxy(methyl-1,2-ethanediyl)], α -[2-[bis(2-aminoethyl)methylammonio] methylethyl]- ω -hydroxy-, <i>N,N'</i> -ditallow acyl derivatives, methyl sulfates (salts).	06/20/88	11/09/93
68554-06-3	Poly(oxy-1,2-ethanediyl), α -[3-[bis(2-aminoethyl)methylammonio]-2-hydroxy-propyl]- ω -hydroxy-, <i>N</i> -coco acyl derivatives, methyl sulfates (salts).	.....	06/20/88	11/09/93
68611-64-3	Urea, reaction products with formaldehyde	§ 716.20(b)(1) applies.	06/03/85	11/09/93
68928-76-7	Stannane, dimethylbis[(1-oxoneodecyl)oxy]-	§ 716.21(a)(3)	6/3/04	8/2/04
69009-90-1	Diisopropyl biphenyl-1,1'-Biphenyl, bis(1-methylethyl)- .....	.....	06/28/84	12/29/88
70914-09-9	Poly(oxy-1,2-ethanediyl), α -[2-[bis(2-aminoethyl)methylammonio]ethyl]- ω -hydroxy-, <i>N,N'</i> -di[C ₁₄₋₁₈ acyl] derivatives, methyl sulfates (salts).	.....	06/20/88	06/20/88
75790-84-0	Benzene, 2-isocyanato-4-[(4-isocyanato-phenyl)methyl]-1-methyl-	.....	06/01/87	11/09/93
75790-87-3	Benzene, 1-isocyanato-2-[(4-isocyanato-phenyl)thio]- .....	.....	06/01/87	11/09/93

(b) [Reserved]

(c) *By category.* The following categories are listed in alphabetical order. Chemical substances listed within a category are provided only as examples of the category. All chemical substances within a category are subject to all the provisions of part 716 for the time period from the effective date of the category until the sunset date.

Manufacturers, importers, and processors of any chemical substance within a category are subject to the reporting requirements of subpart A for that category, except when the sunset date for the particular substance predates the sunset date for the category, or when the exemption of § 716.20(b) of this part applies.

Category	CAS No. (examples for category)	Special exemptions	Effective date	Sunset date
Alkyl epoxides—including all noncyclic aliphatic hydrocarbons with one or more epoxy functional groups.	10/4/82	12/29/88

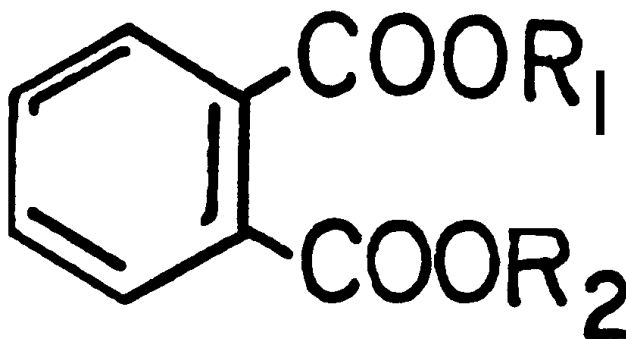


Category	CAS No. (examples for category)	Special exemptions	Effective date	Sunset date
R ₁ = R ₂ = R ₃ = R ₄ = H or alkyl. Groups R ₁ -R ₄ may contain one or more epoxide functions.				
Oxirane, decyl-	2855-19-8	.....	10/04/82	12/29/88
Oxirane, 2, 2 - dimethyl -	558 - 30 - 5	.....	10/04/82	12/29/88
Oxirane, 2, 3 - dimethyl -	3266 - 23 - 7	10/04/82	12/29/88
Oxirane, dodecyl	3234 - 28 - 4	10/04/82	12/29/88

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Category	CAS No. (examples for category)	Special exemptions	Effective date	Sunset date
Oxirane, heptadecyl -	67860 - 04 - 2	.....	10/04/82	12/29/88
Oxirane, octyl-	2404 - 44 - 6	.....	10/04/82, 12/29/88	
Oxirane, pentadecyl -	22092 - 38 - 2	.....	10/04/82	12/29/88
Alkyl phthalates — all alkyl esters of 1, 2-benzenedicarboxylic acid (<i>ortho</i> -phthalic acid). .....	.....	.....	10/04/82	10/04/92

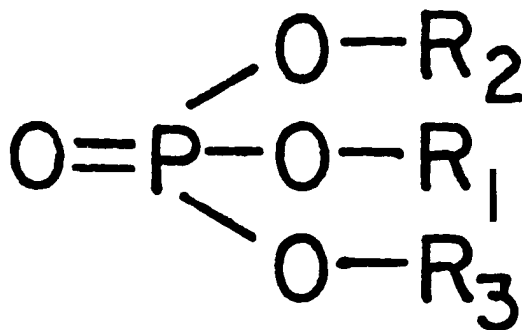


Category	CAS No. (examples for category)	Special exemptions	Effective date	Sunset date
R ₁ = R ₂ = alkyl.				
1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester	117-81-7	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, bis(1-methylheptyl) ester	131-15-7	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, bis(2-methylpropyl) ester	84-69-5	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, 2-butoxy-2-oxyethyl butyl ester	85-70-1	.....	10/04/82	01/13/86
1,2-Benzenedicarboxylic acid, butyl cyclohexyl ester	84-64-0	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, butyl 2-ethylhexyl ester	85-69-8	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, butyl octyl ester	84-78-6	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, decyl hexyl ester	25724-58-7	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, decyl octyl ester	119-07-3	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, dibutyl ester	84-74-2	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, dicyclohexyl ester	84-61-7	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, diethyl ester	84-66-2	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, dihexyl ester	84-75-3	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, diisodecyl ester	26761-40-0	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, diisononyl ester	28553-12-0	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, diisooctyl ester	27554-26-3	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, demethyl ester	131-11-3	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, dinonyl ester	84-76-4	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, dioctyl ester	117-84-0	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, diundecyl ester	119-06-2	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, isodecyl tridecyl ester	3648-20-2	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, 2-ethylhexyl-8-methylnonyl ester	89-13-4	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, hexyl isodecyl ester	61702-81-6	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, isodecyl tridecyl ester	61886-60-0	.....	10/04/82	10/04/92
Alkyltin compounds. ....	.....	.....	01/03/83	12/29/88
Dibutyltin S,S'-bis(isooctyl mercaptoacetate)—Acetic acid, 2,2'-[(dibutylstannylene)bis(thio)]bis-, diisooctyl ester	25168-24-5	.....	01/03/83	12/29/88
Dibutyltin S,S'-bis(isooctyl mercaptoacetate)—Acetic acid, 2,2'-[(dimethylstannylene)bis(thio)]bis-, diisooctyl ester	26636-01-1	.....	01/03/83	12/29/88
Mono methyltin tris(isooctylmercaptoacetate) Acetic acid, 2,2',2''-[(methylstannylidene)tris(thio)]tris-triisooctyl ester ..	54849-38-6	.....	01/03/83	12/29/88
Aniline and chloro-, bromo-, and/or nitroanilines. ....	.....	.....	10/04/82	10/04/92
Benzenamine	62-53-3	.....	10/04/82	10/04/92
Benzenamine, 4-bromo-	106-40-1	.....	10/04/82	10/04/92
Benzenamine, 2-bromo-6-chloro-4-nitro-	99-29-6	10/04/82	10/04/92
Benzenamine, 2-bromo-, 4,6-dinitro-	1817-73-8	10/04/82	10/04/92

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Category	CAS No. (ex-amples for cat-egory)	Special ex-emption	Effective date	Sunset date
Benzenamine, 2-chloro-	95-51-2	.....	10/04/82	10/04/92
Benzenamine, 3-chloro-	108-42-9	.....	10/04/82	10/04/92
Benzenamine, 4-chloro-	106-47-8	.....	10/04/82	10/04/92
Benzenamine, 2-chloro-4,6-dinitro-	3531-19-9	.....	10/04/82	10/04/92
Benzenamine, 4-chloro-2,6-dinitro-	5388-62-5	.....	10/04/82	10/04/92
Benzenamine, 3-chloro-, hydrochloride	141-85-5	.....	10/04/82	10/04/92
Benzenamine, 2-chloro-4-nitro-	121-87-9	.....	10/04/82	10/04/92
Benzenamine, 2-chloro-5-nitro-	6283-25-6	.....	10/04/82	10/04/92
Benzenamine, 4-chloro-2-nitro-	89-63-4	.....	10/04/82	10/04/92
Benzenamine, 4-chloro-3-nitro-	635-22-3	.....	10/04/82	10/04/92
Benzenamine, 2,6-dibromo-4-nitro-	827-94-1	.....	10/04/82	10/04/92
Benzenamine, 2,3-dichloro-	608-27-5	.....	10/04/82	10/04/92
Benzenamine, 2,4-dichloro-	554-00-7	.....	10/04/82	10/04/92
Benzenamine, 2,5-dichloro-	95-82-9	.....	10/04/82	10/04/92
Benzenamine, 3,4-dichloro-	95-76-1	.....	10/04/82	10/04/92
Benzenamine, 3,5-dichloro-	626-43-7	.....	10/04/82	10/04/92
Benzenamine, 2,6-dichloro-4-nitro-	99-30-9	.....	10/04/82	10/04/92
Benzenamine, 2,4-dinitro-	97-02-9	.....	10/04/82	10/04/92
Benzenamine, 2-nitro-	88-74-4	.....	10/04/82	10/04/92
Benzenamine, 3-nitro-	99-09-2	.....	10/04/82	10/04/92
Benzenamine, 4-nitro-	100-01-6	.....	10/04/82	10/04/92
Benzenamine, 2,4,6-tribromo-	147-82-0	.....	10/04/82	10/04/92
Benzenamine, 2,4,6-trichloro-	634-93-5	.....	10/04/82	10/04/92
Aryl phosphates—phosphate esters of phenol or of alkyl-substituted phenols. Triaryl and mixed alkyl and aryl esters are included but trialkyl esters are excluded .....	.....	.....	10/04/82	10/04/92



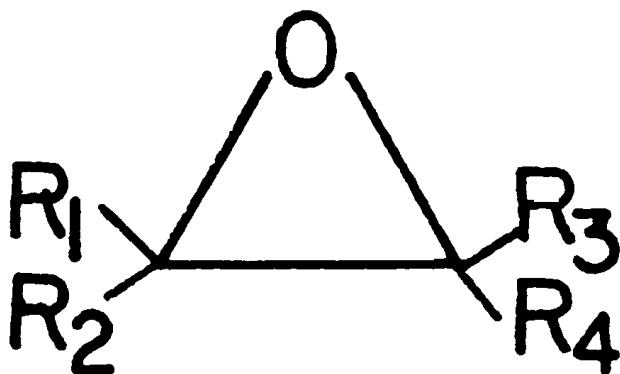
Category	CAS No. (ex-amples for cat-egory)	Special ex-emption	Effective date	Sunset date
R ₁ = phenyl, either unsubstituted or substituted with one or more alkyl or aralkyl groups R ₂ = R ₃ alkyl; or phenyl, either unsubstituted or substituted with one or more alkyl or aralkyl groups				
Phenol, dimethyl-, phosphate (3:1)	25155-23-1	.....	10/04/82	10/04/92
Phenol, 4-(1,1-dimethylethyl)-, phosphate (3:1)	78-33-1	.....	10/04/82	10/04/92
Phosphoric acid, dibutyl phenyl ester	2528-36-1	.....	10/04/82	10/04/92
Phosphoric acid, diisodecyl phenyl ester	51363-64-5	.....	10/04/82	10/04/92
Phosphoric acid, (1,1-dimethylethyl) phenyl diphenyl ester	56803-37-3	.....	10/04/82	10/04/92
Phosphoric acid, 2-ethylhexyl diphenyl ester	1241-94-7	.....	10/04/82	10/04/92
Phosphoric acid, isodecyl diphenyl ester	29761-21-5	.....	10/04/82	10/04/92
Phosphoric acid, (1-methylethyl)phenyl diphenyl ester	28108-99-8	.....	10/04/82	10/04/92
Phosphoric acid, methylphenyl diphenyl ester	25444-49-5	.....	10/04/82	10/04/92
Phosphoric acid, (1-methyl-1-phenylethyl)phenyl diphenyl ester	34364-42-6	.....	10/04/82	10/04/92
Phosphoric acid, triphenyl ester	115-86-6	.....	10/04/82	10/04/92
Phosphoric acid, tris(methylphenyl) ester	1330-78-5	.....	10/04/82	10/04/92
Phosphoric acid, tris(2-methylphenyl) ester	78-30-8	.....	10/04/82	10/04/92
Phosphoric acid, tris(3-methylphenyl) ester	563-04-2	.....	10/04/82	10/04/92
Phosphoric acid, tris(4-methylphenyl) ester	78-32-0	.....	10/04/82	10/04/92

Category	CAS No. (ex- amples for cat- egory)	Special ex- emptions	Effective date	Sunset date
Asbestos—asbestiform varieties of chrysolite (serpentine); crocidolite (riebeckite); amosite (cummingtonite—grunerite); anthophyllite; tremolite; and actinolite.			10/04/82	10/04/92
Asbestos	1332–21–4		10/04/82	10/04/92
Asbestiform minerals	12001–29–5		10/04/82	10/04/92
Asbestiform minerals	17068–78–9		10/04/82	10/04/92
Asbestiform minerals	12172–73–5		10/04/82	10/04/92
Bisazobiphenyl dyes derived from benzidine and its congeners, <i>ortho</i> -toluidine (dimethylbenzidine) and dianisidine (dimethoxybenzidine).			10/04/82	10/04/92
Benzoic acid, 2-[[[4'-amino-6-[[4'-(-carboxy-4-hydroxyphenyl)azo]-3,3'-dimethoxy[1,1'-biphenyl]-4-yl]azo]-5-hydroxy-7-sulfo-1-naphthalenyloxy]-5-nitro-, trisodium salt	6739–62–4		10/04/82	10/04/92
Benzoic acid, 5-[[4'-[2-amino-8-hydroxy-6-sulfo-1-naphthalenyl]azo] [1,1'-biphenyl]-4-yl]-azo]-2-hydroxy-, disodium salt	2429–84–7		10/04/82	10/04/92
Benzoic acid, 5-[[4'-[7-amino-1-hydroxy-3-sulfo-2-naphthalenyl]azo] [1,1'-biphenyl]-4-yl]azo]-2-hydroxy-, disodium salt	2429–82–5		10/04/82	10/04/92
Benzoic acid, 5-[[4'-[(1-amino-4-sulfo-2-naphthalenyl)azo] [1,1'-biphenyl]-4-yl]azo]-2-hydroxy-, disodium salt	2429–79–0		10/04/82	10/04/92
Benzoic acid, 5-[[4'-[[2,6-diamino-3-[[8-hydroxy-3,6-disulfo-7-[(4-sulfo-1-naphthalenyl)azo]-2-naphthalenyl]azo]-5-methylphenyl]azo] [1,1'-biphenyl]-4-yl]azo]-2-hydroxy-, tetrasodium salt	2429–81–4		10/04/82	10/04/92
Benzoic acid, 5-[[4'-[[2,6-diamino-3-methyl-5-sulfo-1-naphthalenyl]azo]-3,3'-dimethyl[1,1'-biphenyl]-4-yl]azo]-2-hydroxy-, disodium salt	6637–88–3		10/04/82	10/04/92
Benzoic acid, 5-[[4'-[[2,6-diamino-3-methyl-5-[(4-sulfo-1-naphthalenyl)azo]phenyl]azo] [1,1'-biphenyl]-4-yl]azo]-2-hydroxy-, disodium salt	2586–58–5		10/04/82	10/04/92
Benzoic acid, 5-[[4'-[[2,6-diamino-3-methyl-5-[(4-sulfo-1-naphthalenyl)azo]phenyl]azo] [1,1'-biphenyl]-4-yl]azo]-2-hydroxy-3-methyl-, disodium salt	6360–54–9		10/04/82	10/04/92
Benzoic acid, 5-[[4'-[[2,4-dihydroxy-3-[(4-sulfo-1-naphthalenyl)azo]phenyl]azo] [1,1'-biphenyl]-4-yl]azo]-2-hydroxy-, disodium salt	2893–80–3		10/04/82	10/04/92
Benzoic acid, 3,3'-[[3,7-disulfo-1,5-naphthalenediyl]bis(azo[6-hydroxy-3,1-phenylene]azo[6(or 7)-sulfo-4,1-naphthalenediyl]azo[1,1'-biphenyl]-4,4'-diyl]azo]bis[6-hydroxy-, hexasodium salt	8014–91–3		10/04/82	10/04/92
[1,1'-Biphenyl]-4,1'-bis diazonium), 3,3'-dimethoxy-	20282–70–6		10/04/82	10/04/92
Butanamide, <i>N,N'</i> -(3,3'-dimethyl [1,1'-biphenyl]-4,4'-diyl)bis[3-oxo-	91–96–3		10/04/82	10/04/92
C.I. Direct Blue 218	10401–50–0		10/04/82	10/04/92
Cuprate(2-), [5-[[4'-[[2,6-dihydroxy-3-[(2-hydroxy-5-sulfo-1-naphthalenyl)azo]phenyl]azo] [1,1'-biphenyl]-4-yl]azo]-2-hydroxybenzoato(4-)-, disodium	16071–86–6		10/04/82	10/04/92
Cuprate(3-), [μ-7-[[3,3'-dihydroxy-4'-[[1-hydroxy-6-(phenylamino)-3-sulfo-2-naphthalenyl]azo] [1,1'-biphenyl]-4-yl]azo]-8-hydroxy-1,6-naphthalenedisulfonato(7-)]di-, trisodium	6656–03–7		10/04/82	10/04/92
Cuprate(4-), [μ-[[6,6'-[3,3'-dihydroxy[1,1'-biphenyl]-4,4'-diyl]bis(azo)]bis[4-amino-5-hydroxy-1,3-naphthalenedisulfonato]](8-)]di-, tetrasodium	16143–79–6		10/04/82	10/04/92
2-Naphthalenecarboxamide, <i>N,N'</i> -(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis[3-hydroxy-	91–92–9		10/04/82	10/04/92
1,3-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-6-[[4'-[[2-hydroxy-1-naphthalenyl]azo]-3,3'-dimethoxy[1,1'-biphenyl]-4-yl]azo]-, disodium salt	2586–57–4		10/04/82	10/04/92
1,3-Naphthalenedisulfonic acid, 6,6'-[[3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl]bis(azo)]bis[4-amino-5-hydroxy-, tetrasodium salt	2610–05–1		10/04/82	10/04/92
1,3-Naphthalenedisulfonic acid, 8-[[4'-[[4-ethoxyphenyl]azo] [1,1'-biphenyl]-4-yl]azo]-7-hydroxy-, disodium salt	3530–19–6		10/04/82	10/04/92
1,3-Naphthalenedisulfonic acid, 8-[[4'-[[4-ethoxyphenyl]azo]-3,3'-dimethyl [1,1'-biphenyl]-4-yl]azo]-7-hydroxy-, disodium salt	6358–29–8		10/04/82	10/04/92
1,3-Naphthalenedisulfonic acid, 7-hydroxy-8-[[4'-[[4-[[4-methylphenyl] sulfonyloxy]phenyl]azo] [1,1'-biphenyl]-4-yl]azo]-, disodium salt	3567–65–5		10/04/82	10/04/92

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Category	CAS No. (ex- amples for cat- egory)	Special ex- emptions	Effective date	Sunset date
2,7-Naphthalenedisulfonic acid, 5-amino-3-[[4'-(7-amino-1-hydroxy-3-sulfo-2-naphthalenyl)-azo] [1,1'-biphenyl]-4-yl]azo]-4-hydroxy-, trisodium salt	2429-73-4	.....	10/04/82	10/04/92
2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4'-(2,4-diamino-5-methylphenyl)azo] [1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)-, disodium salt	2429-83-6	.....	10/04/82	10/04/92
2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4'-(2,4-diaminophenyl)azo] [1,1'-biphenyl]-4-yl]azo] 5-hydroxy-6-(phenylazo)-, disodium salt	1937-37-7	.....	10/04/82	10/04/92
2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-6[[4'-(4-hydroxyphenyl)azo] [1,1'-biphenyl]-4-yl]-azo]-3-[(4-nitrophenyl)azo]-, disodium salt	4335-09-5	.....	10/04/82	10/04/92
2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-3-[[4'-(4-hydroxyphenyl)azo] [1,1'-biphenyl]-4-yl]azo]-6-(phenylazo)-, disodium salt	3626-28-6	.....	10/04/82	10/04/92
2,7-Naphthalenedisulfonic acid, 3,3'-[[1,1'-biphenyl]-4,4'-diyl]bis(azo)]bis[5-amino-4-hydroxy-, tetrasodium salt	2602-46-2	.....	10/04/82	10/04/92
2,7-Naphthalenedisulfonic acid, 3,3'-[[3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl]bis(azo)]bis[5-amino-4-hydroxy-, tetrasodium salt	2429-74-5	.....	10/04/82	10/04/92
2,7-Naphthalenedisulfonic acid, 3,3'-[[3,3'-dimethyl-[1,1'-biphenyl]-4,4'-diyl]bis(azo)]bis[5-amino-4-hydroxy-, tetrasodium salt	72-57-1	.....	10/04/82	10/04/92
2,7-Naphthalenedisulfonic acid, 3,3'-[[3,3'-dimethyl-[1,1'-biphenyl]-4,4'-diyl]bis(azo)]bis-[4,5-dihydroxy-, tetrasodium salt	2150-54-1	.....	10/04/82	10/04/92
1-Naphthalenesulfonic acid, 3-[[4'[(6-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-3,3'-dimethoxy[1,1'-biphenyl]-4-yl]azo]-4-hydroxy-, disodium salt	6449-35-0	.....	10/04/82	10/04/92
1-Naphthalenesulfonic acid, 3,3'-[[1,1'-biphenyl]-4,4'-diyl]bis(azo)]bis[4-amino-, disodium salt	573-58-0	.....	10/04/82	10/04/92
1-Naphthalenesulfonic acid, 3,3'-[[3,3'-dimethoxy-[1,1'-biphenyl]-4,4'-diyl]bis(azo)]bis[4-hydroxy-, disodium salt	2429-71-2	.....	10/04/82	10/04/92
1-Naphthalenesulfonic acid, 3,3'-[[3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl]bis(azo)]bis[4-amino-, disodium salt	992-59-6	.....	10/04/82	10/04/92
Chlorinated benzenes, mono-, di-, tri-, tetra-, and penta- .....	.....	.....	10/04/82	10/04/92
Benzene, chloro-	108-90-7	.....	10/04/82	10/04/92
Benzene, 1,2-dichloro-	95-50-1	.....	10/04/82	10/04/92
Benzene, 1,3-dichloro-	541-73-1	.....	10/04/82	10/04/92
Benzene, 1,4-dichloro-	106-46-7	.....	10/04/82	10/04/92
Benzene, pentachloro-	608-93-5	.....	10/04/82	10/04/92
Benzene, 1,2,3,4-tetrachloro-	634-66-2	.....	10/04/82	10/04/92
Benzene, 1,2,3,5-tetrachloro-	634-90-2	.....	10/04/82	10/04/92
Benzene, 1,2,4,5-tetrachloro-	95-94-3	.....	10/04/82	10/04/92
Benzene, 1,2,3-trichloro-	87-61-6	.....	10/04/82	10/04/92
Benzene, 1,2,4-trichloro-	120-82-1	.....	10/04/82	10/04/92
Benzene, 1,3,5-trichloro-	108-70-3	.....	10/04/82	10/04/92
Chlorinated naphthalenes—chlorinated derivatives of naphthalene (empirical formula) C ₁₀ H _x Cl _y where x=y=8. ....	.....	.....	10/04/82	12/29/88
Naphthalene, chloro-	25586-43-0	.....	10/04/82	12/29/88
Naphthalene, chloro derivatives	70776-03-3	.....	10/04/82	12/29/88
Naphthalene, 1-chloro-	90-13-1	.....	10/04/82	12/29/88
Naphthalene, heptachloro-	32241-08-0	.....	10/04/82	12/29/88
Chlorinated paraffins—chlorinated paraffin oils and chlorinated paraffin waxes, with chlorine content of 35 percent through 70 percent by weight. ....	.....	.....	10/04/82	10/04/92
Alkanes, chloro-	61788-76-9	.....	10/04/82	10/04/92
Alkanes, C ₆₋₁₈ , chloro-	68920-70-7	.....	10/04/82	10/04/92
Paraffin waxes and hydrocarbon waxes, chlorinated	63449-39-8	.....	10/04/82	10/04/92
Ethyltoluenes—This category consists of ethyltoluene (mixed isomers) and the ortho (1,2-), meta (1,3-) and para (1,4-) isomers .....	.....	.....	04/29/83	12/29/88
Benzene, 1-ethyl-2-methyl-	611-14-3	.....	04/29/83	12/29/88
Fluoroalkenes—This category is defined as fluoroalkenes of the general formula: C _n H _{2n-x} F _x where n equals 2 to 3 and X equals 1 to 6. ....	.....	.....	04/29/83	04/29/93
Ethene, tetrafluoro-	116-14-3	.....	04/29/83	04/29/93
Ethene, trifluoro-	359-11-5	.....	04/29/83	01/13/86
1-Propene, 1,1,2,3,3,3-hexafluoro-	116-15-4	.....	04/29/83	04/29/93
Glycidol (oxiranemethanol) and its derivatives .....	.....	.....	10/04/82	10/04/92

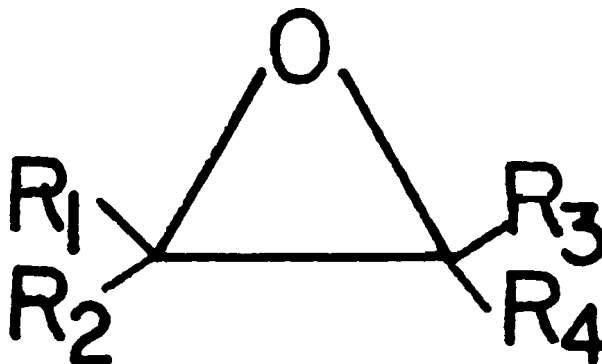


Category	CAS No. (ex- amples for cat- egory)	Special ex- emptions	Effective date	Sunset date
R=H; alkyl, alkenyl or alkynyl; aryl; acyl. where R=alkyl, alkenyl, alkynyl, aryl, or acyl; any substituents or functional groups may be present with the alkyl, etc., groups				
1,2-Cyclohexanedicarboxylic acid, bis(oxiranylmethyl) ester ..	5493-45-8	.....	10/04/82	10/04/92
Disiloxane, 1,1,3,3-tetramethyl-1,3-bis[3-oxiranylmethoxy]propyl]- ..	126-80-7	.....	10/04/82	10/04/92
2,4-Imidazolidinedione, 5,5-dimethyl-3-[2-(oxiranylmethoxy)propyl]-1-(oxiranylmethyl)- ..	32568-89-1	.....	10/04/82	10/04/92
2,4-Imidazolidinedione, 3,3'-[2-(oxiranylmethoxy)-1,3-propanediyl]bis[5,5-dimethyl-1-(oxiranyl-methyl)- ..	38304-52-8	.....	10/04/82	10/04/92
Neodecanoic acid, oxiranylmethyl ester ..	26761-45-5	.....	10/04/82	10/04/92
Oxirane, 2,2'-[1,4-butanediylbis(oxymethylene)]bis ..	2425-79-8	.....	10/04/82	10/04/92
Oxirane, (butoxymethyl)- ..	2426-08-6	.....	10/04/82	10/04/92
Oxirane, 2,2'-[1,4-cyclohexanedilbis(methyleneoxymethylene)]bis- ..	14228-73-0	.....	10/04/82	10/04/92
Oxirane, [(2,4-dibromophenoxy)methyl]- ..	20217-01-0	.....	10/04/82	10/04/92
Oxirane, [(1,2-dibromopropoxy)methyl]- ..	35243-89-1	.....	10/04/82	10/04/92
Oxirane, [(1,1-dimethylethoxy)methyl]- ..	7665-72-7	.....	10/04/82	10/04/92
Oxirane, [[4-(1,1-dimethylethyl)phenoxy]methyl]- ..	3101-60-8	.....	10/04/82	10/04/92
Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis(oxymethylene)]bis- ..	17557-23-2	.....	10/04/82	10/04/92
Oxirane, [(dodecyloxy)methyl]- ..	2461-18-9	.....	10/04/82	10/04/92
Oxirane, 2,2'-[1,2-ethanediylbis(oxymethylene)]bis- ..	2224-15-9	.....	10/04/82	10/04/92
Oxirane, 2,2',2'',2'''-[1,2-ethanediylidenetetrakis-(4,1-phenyleneoxymethylene)]tetrakis- ..	7328-97-4	.....	10/04/82	10/04/92
Oxirane, (ethoxymethyl)- ..	4016-11-9	.....	10/04/82	10/04/92
Oxirane, [(2-ethylhexyl)oxy]methyl]- ..	2461-15-6	.....	10/04/82	10/04/92
Oxirane, [(hexadecyloxy)methyl]- ..	15965-99-8	.....	10/04/82	10/04/92
Oxirane, 2,2',2''-[1,2,6-hexanetriyltris-(oxymethylene)]tris- ..	68959-23-9	.....	10/04/82	10/04/92
Oxirane, (methoxymethyl)- ..	930-37-0	.....	10/04/82	10/04/92
Oxirane, 2,2'-[methylenebis(phenyleneoxymethylene)]bis- ..	39817-09-9	.....	10/04/82	10/04/92
Oxirane, 2,2'-[methylenebis(2,1-phenyleneoxymethylene)]bis- ..	54208-63-8	.....	10/04/82	10/04/92
Oxirane, [(1-methylethoxy)methyl]- ..	4016-14-2	.....	10/04/82	10/04/92
Oxirane, 2,2'-[(1-methylethylidene)bis[4,1-phenyl-eneoxy]1-(butoxymethyl)-2,1-ethanediyl]oxymethylene]]bis- ..	71033-08-4	.....	10/04/82	10/04/92
Oxirane, 2,2'-[1-methylethylidene) bis(4,1-phenyl-eneoxymethylene)]bis- ..	1675-54-3	.....	10/04/82	10/04/92
Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyl-eneoxymethylene)]bis-, homopolymer ..	25085-99-8	.....	10/04/82	10/04/92
Oxirane, 2,2'-[(1-methylethylidene)bis[4,1-phenyleneoxy-3,1-propanediyl]oxy-4,1-phenylene(1-methylethylidene)-4,1-phenyleneoxymethylene]]bis- ..	72319-24-5	.....	10/04/82	10/04/92
Oxirane, [(methylphenoxy)methyl]- ..	26447-14-3	.....	10/04/82	10/04/92
Oxirane, [(2-methylphenoxy)methyl]- ..	2210-79-9	.....	10/04/82	10/04/92
Oxirane, [[4-(1-methyl-1-phenylethyl)phenoxy]-methyl]- ..	61578-04-9	.....	10/04/82	10/04/92
Oxirane, mono[C ₆ -C ₁₂ -alkyloxy)methyl]derivatives ..	68987-80-4	.....	10/04/82	10/04/92
Oxirane, mono[(C ₈ -C ₁₂ -alkyloxy)methyl]derivatives ..	68609-96-1	.....	10/04/82	10/04/92
Oxirane, mono[C ₁₀ -C ₁₆ -alkyloxy)methyl]derivatives ..	68081-84-5	.....	10/04/82	10/04/92
Oxirane, mono[(C ₁₀ -C ₁₄ -alkyloxy)methyl]derivatives ..	68609-97-2	10/04/82	10/04/92
Oxirane, [(4-nitrophenoxy)methyl]- ..	5255-75-4	10/04/82	10/04/92

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Category	CAS No. (examples for category)	Special exemptions	Effective date	Sunset date
Oxirane, [(4-nonylphenoxy)methyl]-	6178-32-1		10/04/82	10/04/92
Oxirane, [(9-octadecenyloxy)methyl]-, (Z)-	60501-41-9		10/04/82	10/04/92
Oxirane, [(octadecyloxy)methyl]-	16245-97-9		10/04/82	10/04/92
Oxirane, 2,2'-(oxiranylmethoxy)-1,3-phenylene]bis(methylene)]bis-	13561-08-5		10/04/82	10/04/92
Oxirane, 2,2'-[[[2-oxiranylmethoxy)phenyl]methylene]bis(4,1-phenyleneoxy)methylene]]bis-	67786-03-2		10/04/82	10/04/92
Oxirane, 2,2'-[oxybis(methylene)]bis-	2238-07-5		10/04/82	10/04/92
Oxirane, (phenoxy)methyl-	122-60-1		10/04/82	10/04/92
Oxirane, 2,2'-[1,3-phenylenebis (oxymethylene)]bis-	2425-01-6		10/04/82	10/04/92
Oxirane, 2,2'-[1,4-phenylenebis (oxymethylene)]bis-	101-90-6		10/04/82	10/04/92
Oxirane, 2,2',2'1/4-[1,2,3-propanetriyl tris(oxymethylene)]tris-	13236-02-7		10/04/82	10/04/92
Oxirane, [(2-propenyloxy)methyl]-	106-92-3		10/04/82	10/04/92
Oxirane, 2,2',2'1/4-[propylidynetris (4,1-phenyleneoxy)methylene)]tris-	68517-02-2		10/04/82	10/04/92
Oxirane, [(tetradecyloxy)methyl]-	38954-75-5		10/04/82	10/04/92
Oxiranecarboxylic acid, 3-methyl-3-phenyl-, ethyl ester	77-83-8		10/04/82	10/04/92
Poly(oxy-1,2-ethanediyl),-α-[4-oxiranylmethoxy)benzoyl]-ω-[[4-oxiranylmethoxy)benzoyl]oxy]-	69943-75-5		10/04/82	10/04/92
2-Propenoic acid, 2-methyl-, oxiranylmethyl ester	106-91-2		10/04/82	10/04/92
2-Propenoic acid, oxiranylmethyl ester	106-90-1		10/04/82	10/04/92
Silane, [(3-chloropropyl)(dimethoxy)[3-(oxiranylmethoxy)propyl]-	71808-64-5		10/04/82	10/04/92
Silane, diethoxymethyl[3-(oxiranyl-methoxy)propyl]-	2897-60-1		10/04/82	10/04/92
Silane, ethoxydimethyl[3-(oxiranyl-methoxy)propyl]-	17963-04-1		10/04/82	10/04/92
Silane, trimethoxy[3-(oxiranyl-methoxy)propyl]-	2530-83-8		10/04/82	10/04/92
Tetrasiloxane, 1,1,1,3,5,7,7-octamethyl-3,5-bis[3-(oxiranylmethoxy)propyl]-	69155-42-6		10/04/82	10/04/92
Trisiloxane, 1,1,1,3,5,5,5-heptamethyl-3-[3-(oxiranylmethoxy)propyl]-	7422-52-8		10/04/82	10/04/92
Halogenated alkyl epoxides—halogenated noncyclic aliphatic hydrocarbons with one or more epoxy functional groups.			10/04/82	12/29/88



Category	CAS No. (examples for category)	Special exemptions	Effective date	Sunset date
R ₁ = X or C _n H _{2n+1} - _y X _y (y=1 to 1n=1)				
R ₂ = H or X or C _n H _{2n+1} - _y X _y (y=0 to 2n=1)				
R ₃ = H or X or C _n H _{2n+1} - _y X _y (y=0 to 2n=1)				
R ₄ = H or X or C _n H _{2n+1} - _y X _y (y=0 to 2n=1)				
X=halogen. Groups R ₁ -R ₄ may contain one or more epoxide functions.				
Lead and lead compounds		§ 716.21 (a)(8)	February 28, 2008	April 28, 2008
Lead	7439- 92 - 1	§ 716.21 (a)(8)	February 28, 2008	April 28, 2008
Acetic acid, lead (2+) salt	301 - 04 - 2	§ 716.21 (a)(8)	February 28, 2008	April 28, 2008

Category	CAS No. (ex- amples for cat- egory)	Special ex- emptions	Effective date	Sunset date
Carbonic acid, lead (2+) salt (1:1)	598 – 63 – 0	§ 716.21 (a)(8)	February 28, 2008	April 28, 2008
Lead chloride (PbCl ₂)	7758 – 95 – 4	§ 716.21 (a) (8)	February 28, 2008	April 28, 2008
Chromic acid (H ₂ CrO ₄), lead (2+) salt (1:1)	7758 – 97 – 6	§ 716.21 (a)(8)	February 28, 2008	April 28, 2008
Lead oxide (PbO ₂)	1309 – 60 – 0	§ 716.21 (a)(8)	February 28, 2008	April 28, 2008
Oxirane, (2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptyl)-	38565–52–5	.....	10/04/82	12/29/88
Borate (1-), tetrafluoro-, lead (2+) (2:1)	13814 – 96 – 5	§ 716.21 (a)(8)	February 28, 2008	April 28, 2008
Phosphoric acid, lead (2+) salt (2:3)	7446 – 27 – 7	§ 716.21 (a)(8)	February 28, 2008	April 28, 2008
Silicic acid, lead salt, basic	53466 – 66 – 3	§ 716.21 (a)(8)	February 28, 2008	April 28, 2008
Octadecanoic acid, lead salt (1:?)	7428 – 48– 0	§ 716.21 (a)(8)	February 28, 2008	April 28, 2008
Sulfuric acid, lead salt (1:?), basic	63653 – 42 – 9	§ 716.21 (a)(8)	February 28, 2008	April 28, 2008
Oxirane, (bromomethyl)-	3132–463–7	.....	10/04/82	12/29/88
Oxirane, (2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptyl)-	38565–52–5	.....	10/04/82	12/29/88
Lead sulfide (PbS)	1314 – 8 7 – 0	§ 716.21 (a)(8)	February 28, 2008	April 28, 2008
Phenylenediamines (Benzenediamines). This category is defined as all nitrogen unsubstituted phenylenediamines and their salts with zero to two substituents on the ring selected from the same of different members of the group of halo, nitro, hydroxy, hydroxy-lower alkoxy, lower-alkyl, and lower alkoxy. For this purpose, the term "lower" is defined as a group containing between one and four carbons.				
1,2-Benzenediamine	95 – 54 – 5	.....	04/29/83	04/29/93
1,3-Benzenediamine	108 – 45 – 2	.....	4/29/83	4/29/93
1,2 - Benzenediamine, 4-butyl-	3663 – 23 – 8	.....	4/29/83	12/29/88
1,2 - Benzenediamine, 4-butyl-	95 – 83– 0	.....	4/29/83	4/29/83
1,3-Benzenediamine, 4-chloro-	5131–60–2	.....	04/29/83	04/29/93
1,4-Benzenediamine, 2-chloro-, dihydrochloride	615–46–3	.....	04/29/83	12/29/88
1,2-Benzenediamine, 5-chloro-3-nitro-	42389–30–0	.....	04/29/83	12/29/88
1,2-Benzenediamine, 4-chloro-, sulfate (1:1)	68459–98–3	.....	04/29/83	12/29/88
1,3-Benzenediamine, 4-chloro-, sulfate (1:1)	68239–80–5	.....	04/29/83	12/29/88
1,4-Benzenediamine, 2-chloro-, sulfate	6219–71–2	.....	04/29/83	12/29/88
1,4-Benzenediamine, 2,5-dichloro-	20103–09–7	.....	04/29/83	12/29/88
1,2-Benzenediamine, dihydrochloride	615–28–1	.....	04/29/83	04/29/93
1,3-Benzenediamine, dihydrochloride	541–69–5	.....	04/29/83	04/29/93
1,4-Benzenediamine, dihydrochloride	624–18–0	.....	04/29/83	04/29/93
1,4-Benzenediamine, ethanedioate (1:1)	62654–17–5	.....	04/29/83	04/29/93
1,2-Benzenediamine, 4-ethoxy-	1197–37–1	.....	04/29/83	12/29/88
1,3-Benzenediamine, 4-ethoxy-dihydrochloride	67801–06–3	.....	04/29/83	12/29/88
1,3-Benzenediamine, 4-ethoxy-, sulfate (1:1)	68015–98–5	.....	04/29/83	12/29/88
1,3-Benzenediamine, ar-ethyl-ar-methyl-	68966–84–7	.....	04/29/83	12/29/88
1,4-Benzenediamine, 2-methoxy	5307–02–8	.....	04/29/83	04/29/93
1,2-Benzenediamine, 4-methoxy-, dihydrochloride	614–94–8	.....	04/29/83	12/29/88
1,3-Benzenediamine, 4-methoxy-, sulfate	6219–67–6	.....	04/29/83	12/29/88
1,3-Benzenediamine, 4-methoxy-, sulfate (1:1)	39156–41–7	.....	04/29/83	04/29/93
Benzenediamine, ar-methyl-	25376–45–8	.....	04/29/83	04/29/93
1,2-Benzenediamine, 3-methyl-	2687–25–4	.....	04/29/83	04/29/93
1,2-Benzenediamine, 4-methyl-	496–72–0	.....	04/29/83	04/29/93
1,3-Benzenediamine, 2-methyl-	823–40–5	.....	04/29/83	04/29/93
1,3-Benzenediamine, 4-methyl-	95–80–7	.....	04/29/83	04/29/93
1,3-Benzenediamine, 5-methyl-	108–71–4	.....	04/29/83	04/29/93
1,4-Benzenediamine, 2-methyl-	95–70–5	.....	04/29/83	04/29/93
1,4-Benzenediamine, 2-methyl-, dihydrochloride-	615–45–2	.....	04/29/83	04/29/93
1,4-Benzenediamine, 2-methyl-, sulfate	6369–59–1	.....	04/29/83	04/29/93
1,4-Benzenediamine, 2-methyl-, sulfate (1:1)	615–50–9	.....	04/29/83	04/29/93
1,2-Benzenediamine, 4-nitro-	99–56–9	.....	04/29/83	04/29/93
1,3-Benzenediamine, 4-nitro-,	5131–58–8	.....	04/29/83	12/29/88
1,3-Benzenediamine, 5-nitro-,	5042–55–7	.....	04/29/83	12/29/88
1,4-Benzenediamine, 2-nitro-,	5307–14–2	.....	04/29/83	04/29/93
1,2-Benzenediamine, 4-nitro-, dihydrochloride	6219–77–8	.....	04/29/83	12/29/88
1,4-Benzenediamine, 2-nitro-, dihydrochloride	18266–52–9	.....	04/29/83	12/29/88
1,2-Benzenediamine, 4-nitro-, sulfate (1:1)	68239–82–7	.....	04/29/83	12/29/88
1,4-Benzenediamine, 2-nitro-, sulfate (1:1)	68239–83–8	04/29/83	12/29/88
1,3-Benzenediamine, sulfate (1:1)	541–70–8	04/29/83	04/29/93

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Category	CAS No. (ex- amples for cat- egory)	Special ex- emptions	Effective date	Sunset date
1,4-Benzenediamine, sulfate (1:1)	16245-77-5 .....	.....	04/29/83	04/29/93
Ethanol, 2-(2,4-diaminophenoxy)-, dihydrochloride	66422-95-5 .....	.....	04/29/83	12/29/88
Phenol, 2,4-diamino-, dihydrochloride	137-09-7 .....	.....	04/29/83	04/29/93
Phenol, 2,4-diamino-6-methyl-	15872-73-8 .....	.....	04/29/83	12/29/88
Phenol, 2,4-diamino-6-methyl-, hydrochloride	65879-44-9 .....	.....	04/29/83	12/29/88

(d) *Listed members of categories.* The following categories are listed in alphabetical order with the chemical substances identified in each category also listed alphabetically. Only those

chemical substances specifically listed within a category are subject to all provisions of part 716 for the time period from the effective date of the rule until the sunset date.

Category	CAS No.	Special Exemptions	Effective Date	Sunset Date
Aldehydes:				
Acetaldehyde	75-07-0 .....	.....	9/30/91	6/30/98
Acetaldehyde, chloro-	107-20-0 .....	.....	9/30/91	6/30/98
Acetaldehyde, (1,3-dihydro-1,3,3-trimethyl-2 <i>H</i> -indol-2-ylidene)	84-83-3 .....	.....	9/30/91	6/30/98
Acetaldehyde, trichloro-	75-87-6 .....	.....	9/30/91	6/30/98
Benzaldehyde	100-52-7 .....	.....	9/30/91	6/30/98
Benzaldehyde, 3-bromo-	3132-99-8 .....	.....	9/30/91	6/30/98
Benzaldehyde, 4-butyl-	1200-14-2 .....	.....	9/30/91	12/19/95
Benzaldehyde, 2-chloro-	89-98-5 .....	.....	9/30/91	6/30/98
Benzaldehyde, 4-chloro-	104-88-1 .....	.....	9/30/91	6/30/98
Benzaldehyde, 4-(diethylamino)-	120-21-8 .....	.....	9/30/91	6/30/98
Benzaldehyde, 4-(diethylamino)-2-hydroxy-	17754-90-4 .....	.....	9/30/91	6/30/98
Benzaldehyde, 2,4-dihydroxy-	95-01-2 .....	.....	9/30/91	12/19/95
Benzaldehyde, 2,5-dimethoxy-	93-02-7 .....	.....	9/30/91	6/30/98
Benzaldehyde, 3,4-dimethoxy-	120-14-9 .....	.....	9/30/91	6/30/98
Benzaldehyde, (dimethylamino)-	28602-27-9 .....	.....	9/30/91	12/19/95
Benzaldehyde, 4-(dimethylamino)-	100-10-7 .....	.....	9/30/91	6/30/98
Benzaldehyde, 4-ethoxy-	10031-82-0 .....	.....	9/30/91	12/19/95
Benzaldehyde, 3-ethoxy-4-hydroxy-	121-32-4 .....	.....	9/30/91	6/30/98
Benzaldehyde, 2-hydroxy-	90-02-8 .....	.....	9/30/91	6/30/98
Benzaldehyde, 4-hydroxy-	123-08-0 .....	.....	9/30/91	12/19/95
Benzaldehyde, 4-hydroxy-3-methoxy-	121-33-5 .....	.....	9/30/91	6/30/98
Benzaldehyde, 2-hydroxy-5-nitro-	97-51-8 .....	.....	9/30/91	12/19/95
Benzaldehyde, 2-methoxy-	135-02-4 .....	.....	9/30/91	12/19/95
Benzaldehyde, 4-methoxy-	123-11-5 .....	.....	9/30/91	6/30/98
Benzaldehyde, methyl-	1334-78-7 .....	.....	9/30/91	12/19/95
Benzaldehyde, 4-methyl-	104-87-0 .....	.....	9/30/91	6/30/98
Benzaldehyde, 2-nitro-	552-89-6 .....	.....	9/30/91	12/19/95
Benzaldehyde, 3-phenoxy-	39515-51-0 .....	.....	9/30/91	6/30/98
Benzaldehyde, 4-(trifluoromethyl)-	455-19-6 .....	.....	9/30/91	12/19/95
Benzeneacetaldehyde	122-78-1 .....	.....	9/30/91	6/30/98
Benzeneacetaldehyde, alpha-methyl-	93-53-8 .....	.....	9/30/91	12/19/95
Benzeneacetaldehyde, 4-methyl-	104-09-6 .....	.....	9/30/91	12/19/95
Benzenepropanal, 4-(1,1-dimethylethyl)-.alpha.-methyl-	80-54-6 .....	.....	9/30/91	6/30/98
Benzenepropanal, .alpha.-methyl-4-(1-methylethyl)-	103-95-7 .....	.....	9/30/91	6/30/98
1,3-Benzodioxole-5-carboxaldehyde	120-57-0 .....	.....	9/30/91	6/30/98
1,3-Benzodioxole-5-carboxaldehyde, 7-methoxy-	5780-07-4 .....	.....	9/30/91	12/19/95
Butanal, 3-methyl-	590-86-3 .....	.....	9/30/91	6/30/98
3-Cyclohexene-1-carboxaldehyde	100-50-5 .....	.....	9/30/91	6/30/98
3-Cyclohexene-1-carboxaldehyde, dimethyl-	27939-60-2 .....	.....	9/30/91	6/30/98
3-Cyclohexene-1-carboxaldehyde, 4-(4-hydroxy-4-methylpentyl)-	31906-04-4 .....	.....	9/30/91	6/30/98
3-Cyclohexene-1-carboxaldehyde, 1-methyl-4-(4-methyl-3-pentenyl)-	52475-86-2 .....	.....	9/30/91	6/30/98
3-Cyclohexene-1-carboxaldehyde, 1-methyl-4-(4-methylpentyl)-	66327-54-6 .....	.....	9/30/91	6/30/98
3-Cyclohexene-1-carboxaldehyde, 4-(4-methyl-3-pentenyl)-	37677-14-8 .....	.....	9/30/91	12/19/95

Category	CAS No.	Special Exemptions	Effective Date	Sunset Date
3-Cyclohexene-1-carboxaldehyde, 2,4,6-trimethyl-	1423-46-7		9/30/91	12/19/95
3-Cyclopentene-1-acetaldehyde, 2,2,3-trimethyl-	4501-58-0		9/30/91	6/30/98
Decanal	112-31-2		9/30/91	6/30/98
4a(4 <i>H</i>)-Dibenzofurancarboxaldehyde, 1,5a,6,9,9a,9b-hexahydro-	126-15-8		9/30/91	6/30/98
Dodecanal	112-54-9		9/30/91	6/30/98
Ethanedial	107-22-2		9/30/91	6/30/98
Heptanal	111-71-7		9/30/91	6/30/98
Heptanal, 2-(phenylmethylene)-	122-40-7		9/30/91	6/30/98
5-Heptenal, 2,6-dimethyl-	106-72-9		9/30/91	12/19/95
Hexanal, 2-ethyl-	123-05-7		9/30/91	6/30/98
Hexanal, 3,5,5-trimethyl-	5435-64-3		9/30/91	12/19/95
2-Hexenal	505-57-7		9/30/91	12/19/95
Hexenal, 2-ethyl-	26266-68-2		9/30/91	6/30/98
Indium Compounds:				
Acetic acid, indium(3+) salt	25114-58-3	§ 716.21(a)(6)	6/3/04	8/2/04
Indium	7440-74-6	§ 716.21(a)(6)	6/3/04	8/2/04
Indium chloride (InCl ₃)	10025-82-8	§ 716.21(a)(6)	6/3/04	8/2/04
Indium hydroxide (In(OH) ₃)	20661-21-6	§ 716.21(a)(6)	6/3/04	8/2/04
Indium oxide (In ₂ O ₃)	1312-43-2	§ 716.21(a)(6)	6/3/04	8/2/04
Indium phosphide (InP)	22398-80-7	§ 716.21(a)(6)	6/3/04	8/2/04
Indium tin oxide	50926-11-9	§ 716.21(a)(6)	6/3/04	8/2/04
Sulfamic acid, indium(3+) salt	66027-93-8	§ 716.21(a)(6)	6/3/04	8/2/04
Sulfuric acid, indium(3+) salt (3:2)	13464-82-9	§ 716.21(a)(6)	6/3/04	8/2/04
1-Naphthalene carboxaldehyde	66-77-3		9/30/91	12/19/95
Nonanal	124-19-6		9/30/91	6/30/98
2,6-Octadienal, 3,7-dimethyl-, (E)	141-27-5		9/30/91	12/19/95
2,6-Octadienal, 3,7-dimethyl-, (Z)	106-26-3		9/30/91	12/19/95
Octanal	124-13-0		9/30/91	6/30/98
Octanal, 3,7-dimethyl-	5988-91-0		9/30/91	12/19/95
Octanal, 7-hydroxy-3,7-dimethyl-	107-75-5		9/30/91	6/30/98
Octanal, 7-methoxy-3,7-dimethyl-	3613-30-7		9/30/91	6/30/98
Octanal, 2-(phenylmethylene)-	101-86-0		9/30/91	6/30/98
6-Octenal, 3,7-dimethyl-	106-23-0		9/30/91	6/30/98
6-Octenal, 3,7-dimethyl-, (S)	5949-05-3		9/30/91	12/19/95
Pentanal	110-62-3		9/30/91	6/30/98
Pentanedial	111-30-8		9/30/91	6/30/98
1-Piperidinecarboxaldehyde	2591-86-8		9/30/91	6/30/98
Propanal	123-38-6		9/30/91	6/30/98
Propanal, 3-hydroxy-2,2-dimethyl-	597-31-9		9/30/91	6/30/98
2-Propenal, 2-methyl-	78-85-3		9/30/91	12/19/95
Propanal, 3-(methylthio)-	3268-49-3		9/30/91	6/30/98
2-Propenal	107-02-8		9/30/91	6/30/98
2-Propenal, 3-(1,1-dimethylethyl)phenyl-2-methyl-	13586-68-0		9/30/91	6/30/98
2-Propenal, 3-(2-methoxyphenyl)-	1504-74-1		9/30/91	6/30/98
2-Propenal, 2-methyl-	78-85-3		9/30/91	6/30/98
2-Propenal, 2-methyl-3-phenyl-	101-39-3		9/30/91	6/30/98
2-Propenal, 3-phenyl-	104-55-2		9/30/91	6/30/98
2-Propenal, 3-phenyl-, monopentyl deriv.	1331-92-6		9/30/91	6/30/98
2-Pyridinecarboxaldehyde	1121-60-4		9/30/91	12/19/95
2-Thiophene carboxaldehyde	98-03-3		9/30/91	12/19/95
Undecanal	112-44-7		9/30/91	6/30/98
Undecanal, 2-methyl-	110-41-8		9/30/91	6/30/98
9-Undecenal	143-14-6		9/30/91	12/19/95
10-Undecenal	112-45-8		9/30/91	6/30/98
Alkyl-, Chloro-, and Hydroxymethyl Diaryl Ethers:				
Benzene, 1-(bromomethyl)-3-phenoxy-	51632-16-7		04/12/93	06/30/98
Benzenemethanol, 3-phenoxy-,	13826-35-2		04/12/93	06/30/98
Benzenemethanol, 3-phenoxy-, acetate	50789-44-1		4/12/93	12/19/95
Benzene, 1-methyl-3-phenoxy-	3586-14-9		04/12/93	06/30/98
Benzene, 1,1'-oxybis[dodecyl-]	69834-19-1		4/12/93	12/19/95
Benzene, 1,1'-oxybis[methyl-]	28299-41-4		04/12/93	06/30/98
Benzene, 1,1'-oxybis[(1,1,3,3-tetramethylbutyl)-]	61702-88-3		4/12/93	12/19/95
Benzoic acid, 3-[2-chloro-4-(trifluoromethyl)phenoxy]-,	63734-62-3		04/12/93	06/30/98
Benzoic acid, 3-[2-chloro-4-(trifluoromethyl)phenoxy], potassium salt.	72242-48-3		04/12/93	06/30/98

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Category	CAS No.	Special Exemptions	Effective Date	Sunset Date
1,1'-Biphenyl, phenoxy-	28984-89-6	04/12/93	06/30/98
2-Chloro-1-(3-methylphenoxy)-4-(trifluoromethyl)benzene.	42874-96-4 .....	.....	04/12/93	06/30/98
1,4-Diphenoxybenzene	3061-36-7 .....	.....	4/12/93	12/19/95
Phenol, 3-[2-chloro-4-(trifluoromethyl)phenoxy]-, acetate.	50594-77-9 .....	.....	04/12/93	06/30/98
Alkyl Phosphates:				
Ethanol, 2-butoxy-, phosphate (3:1)	78-51-3 .....	.....	10/29/90	12/19/95
Ethanol, 2-(2-butoxyethoxy)-, phosphate (3:1).	7332-46-9 .....	.....	10/29/90	11/09/93
Phosphoric acid, bis(2-ethylhexyl) ester	298-07-7 .....	.....	10/29/90	12/19/95
Phosphoric acid, dibutyl ester	107-66-4 .....	.....	10/29/90	06/30/98
Phosphoric acid, didodecyl ester	7057-92-3 .....	.....	10/29/90	11/09/93
Phosphoric acid, diisooctyl ester	27215-10-7 .....	.....	10/29/90	11/09/93
Phosphoric acid, dodecyl ester	12751-23-4 .....	.....	10/29/90	11/09/93
Phosphoric acid, 2-ethylhexyl ester	12645-31-7 .....	.....	10/29/90	11/09/93
Phosphoric acid, monobutyl ester	1623-15-0 .....	.....	10/29/90	11/09/93
Phosphoric acid, mono(2-ethylhexyl)ester.	1070-03-7 .....	.....	10/29/90	11/09/93
Phosphoric acid, monohexyl ester	3900-04-7 .....	.....	10/29/90	11/09/93
Phosphoric acid, monomethyl ester	812-00-0 .....	.....	10/29/90	11/09/93
Phosphoric acid, mono(1-methylethyl)ester.	1623-24-1 .....	.....	10/29/90	11/09/93
Phosphoric acid, monooctyl ester	3991-73-9 .....	.....	10/29/90	11/09/93
Phosphoric acid, monooctadecyl ester	2958-09-0 .....	.....	10/29/90	11/09/93
Phosphoric acid, triethyl ester	78-40-0 .....	.....	10/29/90	12/19/95
Phosphoric acid, tris(2-ethylhexyl) ester	78-42-2 .....	.....	10/29/90	12/19/95
Phosphoric acid, tris(2-methylpropyl) ester.	126-71-6 .....	.....	10/29/90	11/09/93
Phosphorodichloridic acid, ethyl ester ..	1498-51-7 .....	.....	10/29/90	11/09/93
Alkylphenols and Alkylphenol Ethoxiates:				
tert-Butylphenol (mixed isomers)	27178-34-3	§ 716.20(b)(4) applies	3/29/96	6/30/98
2-Butylphenol	3180-09-4	§ 716.20(b)(4) applies	3/29/96	6/30/98
2-tert-Butylphenol	88-18-6	§ 716.20(b)(4) applies	3/29/96	6/30/98
4-n-Butylphenol	1638-22-8	§ 716.20(b)(4) applies	3/29/96	6/30/98
4-sec-Butylphenol	99-71-8	§ 716.20(b)(4) applies	3/29/96	6/30/98
4-tert-Butylphenol	98-54-4	§ 716.20(b)(4) applies	3/29/96	6/30/98
Decaethylene glycol 4-isocetylphenyl ether.	2315-66-4	§ 716.20(b)(4) applies	3/29/96	6/30/98
4-Dodecylphenol	104-43-8	§ 716.20(b)(4) applies	3/29/96	6/30/98
Dodecylphenol (mixed isomers)	1331-57-3	§ 716.20(b)(4) applies	3/29/96	6/30/98
Dedecylphenol (mixed isomers)	27193-86-8	§ 716.20(b)(4) applies	3/29/96	6/30/98
Hexaethylene glycol 4-isocetylphenyl ether.	2497-58-7	§ 716.20(b)(4) applies	3/29/96	6/30/98
Isobutylphenol (mixed isomers)	31195-95-6	§ 716.20(b)(4) applies	3/29/96	6/30/98
Isononylphenol (mixed isomers)	11066-49-2	§ 716.20(b)(4) applies	3/29/96	6/30/98
4-(1-Methylbutyl)phenol	94-06-4	§ 716.20(b)(4) applies	3/29/96	6/30/98
(1-Methylheptyl)phenol (mixed isomers)	27985-70-2	§ 716.20(b)(4) applies	3/29/96	6/30/98
4-(1-Methyloctyl)phenol	17404-66-9	§ 716.20(b)(4) applies	3/29/96	6/30/98
Nonylphenol (mixed isomers)	1300-16-9	§ 716.20(b)(4) applies	3/29/96	6/30/98
4-Nonylphenol	25154-52-3	§ 716.20(b)(4) applies	3/29/96	6/30/98
Branched 4-nonylphenol (mixed isomers).	84852-15-3	§ 716.20(b)(4) applies	3/29/96	6/30/98
2-Octylphenol	949-13-3	§ 716.20(b)(4) applies	3/29/96	6/30/98
4-Octylphenol	1806-26-4	§ 716.20(b)(4) applies	3/29/96	6/30/98
4-Pentylphenol	14938-35-3	§ 716.20(b)(4) applies	3/29/96	6/30/98
4-tert-Pentylphenol	80-46-6	§ 716.20(b)(4) applies	3/29/96	6/30/98
Polyethylene glycol mono(octyl)phenyl ether.	9036-19-5	§ 716.20(b)(4) applies	3/29/96	6/30/98
Polyethylene glycol 4-(tert-octyl)phenyl ether.	9002-93-1	§ 716.20(b)(4) applies	3/29/96	6/30/98
Poly(oxy-1,2-ethanediyl), α -(octylphenyl)- ω -hydroxy-, branched.	68987-90-6	§ 716.20(b)(4) applies	3/29/96	6/30/98
2-(1,1,3,3-Tetramethylbutyl)phenol	3884-95-5	§ 716.20(b)(4) applies	3/29/96	6/30/98
(1,1,3,3-Tetramethylbutyl)phenol (mixed isomers).	1322-69-6	§ 716.20(b)(4) applies	3/29/96	6/30/98
.....	27193-28-8	§ 716.20(b)(4) applies	3/29/96	6/30/98
.....	29932-96-5	§ 716.20(b)(4) applies	3/29/96	6/30/98
.....	30105-54-5	§ 716.20(b)(4) applies	3/29/96	6/30/98
.....	62744-41-6	§ 716.20(b)(4) applies	3/29/96	6/30/98
4-(2,2,3,3-Tetramethylbutyl)phenol	54932-78-4	§ 716.20(b)(4) applies	3/29/96	6/30/98
Brominated flame retardants:				
Alkanes, C10-18, bromochloro-	68955-41-9	10/29/90	12/19/95

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Benzamide, 3,5-dibromo-N-(4-bromophenyl)-2-hydroxy-	87-10-5		10/29/90	12/19/95
Benzene, ethenyl-, homopolymer, brominated.	88497-56-7		10/29/90	11/09/93
Benzene, 1,1'-(1-methylethylidene)bis (3,5-dibromo-4-(2-propenyloxy)-	25327-89-3		10/29/90	11/09/93
Benzene, pentabromomethyl-	87-83-2		10/29/90	12/19/95
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3		10/29/90	12/19/95
Cyclohexane, tetrabromodichloro-	30554-72-4		10/29/90	12/19/95
Cyclohexane, tribromotrichloro-	30554-73-5		10/29/90	12/19/95
Ethanol, 2,2'-((1-methylethylidene)bis ((2,6-dibromo-4,1-phenylene)oxy)) bis-	4162-45-2		10/29/90	12/19/95
Ethene, bromo-	593-60-2		10/29/90	06/30/98
Phenol, 2,4-dibromo-	615-58-7		10/29/90	12/19/95
Phenol, 2,4(or 2,6)-dibromo-, homopolymer.	69882-11-7		10/29/90	12/19/95
1-Propanol, 2,3-dibromo-	96-13-9		10/29/90	12/19/95
1-Propanol, 2,2-dimethyl-,tribromo deriv	36483-57-5		10/29/90	12/19/95
2-Propenoic acid,(1-methylethylidene)bis (2,6-dibromo-4,1-phenylene) ester.	55205-38-4		10/29/90	12/19/95
Chloroalkyl phosphates:				
2,2-Bis(chloromethyl)-1,3-propanediyltetrakis(2-chloroethyl) phosphate.	38051-10-4		6/14/93	12/19/95
2-Chloro-1-methylethylbis(2-chloropropyl) phosphate-	76649-15-5		6/14/93	12/19/95
1,2-Ethanediy tetrakis(2-chloro-1-methylethylene) phosphate.	34621-99-3		6/14/93	12/19/95
Oxydi-2,1-ethanediy tetrakis(2-chloroethyl) phosphate.	53461-82-8		6/14/93	12/19/95
Cyanoacrylates:				
2-Propenoic acid, 2-cyano-, methyl ester.	137-05-3		1/26/94	12/19/95
2-Propenoic acid, 2-cyano-, isobutyl ester.	1069-55-2		1/26/94	12/19/95
2-Propenoic acid, 2-cyano-3,3-diphenyl-, 2-ethylhexyl ester.	6197-30-4		1/26/94	12/19/95
2-Propenoic acid, 2-cyano-, butyl ester	6606-65-1		1/26/94	12/19/95
2-Propenoic acid, 2-cyano-, ethyl ester	7085-85-0		1/26/94	12/19/95
2-Propenoic acid, 2-cyano-, 2-propenyl ester.	7324-02-9		1/26/94	12/19/95
2-Propenoic acid, 2-cyano-, 1-methylethyl ester.	10586-17-1		1/26/94	12/19/95
2-Propenoic acid, 2-cyano-, ethoxy ethyl ester.	21982-43-4		1/26/94	12/19/95
2-Propenoic acid, 2-cyano-, 2,2,2-trifluoromethyl ester.	23023-91-8		1/26/94	12/19/95
2-Propenoic acid, 2-cyano-, 2-methoxyethyl ester.	27816-23-5		1/26/94	12/19/95
Ethanaminium, 2-[[2-cyano-3-[4-(diethylamino)phenyl]-1-oxo-2-propenyl]oxy]-N,N,N-trimethyl-, chloride.	64992-16-1		1/26/94	12/19/95
Indium Compounds:				
Acetic acid, indium(3+) salt	25114-58-3	§ 716.21(a)(6)	6/3/04	8/2/04
Indium	7440-74-6	§ 716.21(a)(6)	6/3/04	8/2/04
Indium chloride (InCl ₃)	10025-82-8	§ 716.21(a)(6)	6/3/04	8/2/04
Indium hydroxide (In(OH) ₃)	20661-21-6	§ 716.21(a)(6)	6/3/04	8/2/04
Indium oxide (In ₂ O ₃)	1312-43-2	§ 716.21(a)(6)	6/3/04	8/2/04
Indium phosphide (InP)	22398-80-7	§ 716.21(a)(6)	6/3/04	8/2/04
Indium tin oxide	50926-11-9	§ 716.21(a)(6)	6/3/04	8/2/04
Sulfamic acid, indium(3+) salt	66027-93-8	§ 716.21(a)(6)	6/3/04	8/2/04
Sulfuric acid, indium(3+) salt (3:2)	13464-82-9	§ 716.21(a)(6)	6/3/04	8/2/04
IRIS Chemicals:				
3,4-Dimethylphenol	95-65-8		9/30/91	12/19/95
2,4-Dinitrophenol	51-28-5		9/30/91	12/19/95
Isocyanates:				
Acetic acid, isocyanato-, ethyl ester	2949-22-6		10/29/90	11/09/93
Benzene, bis(isocyanatomethyl)-	25854-16-4		10/29/90	11/09/93
Benzene, 1-bromo-4-isocyanato-	2493-02-9		10/29/90	11/09/93
Benzene, 1-chloro-3-isocyanato-	2909-38-8		10/29/90	11/09/93
Benzene, 1-chloro-4-isocyanato-	104-12-1		10/29/90	06/30/98

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Benzene, 1,2-dichloro-4-isocyanato-	102-36-3	10/29/90	06/30/98
Benzene, 1,3-dichloro-5-isocyanato-	34893-92-0	10/29/90	11/09/93
Benzene, 1,1'-(diisocyanatomethylene)bis-	10031-75-1 .....	.....	10/29/90	11/09/93
Benzene, isocyanato-	103-71-9 .....	.....	10/29/90	06/30/98
Benzene, 2-isocyanato-1,3-bis(1-methylethyl)-	28178-42-9 .....	.....	10/29/90	11/09/93
Benzene, 2-isocyanato-1,3-dimethyl-ester.	28556-81-2 .....	.....	10/29/90	11/09/93
Benzene, 1-isocyanato-2-methyl-	614-68-6 .....	.....	10/29/90	11/09/93
Benzene, 1-isocyanato-4-methyl-	622-58-2 .....	.....	10/29/90	11/09/93
Benzene, 1-isocyanato-4-nitro-	100-28-7 .....	.....	10/29/90	11/09/93
Benzene, 1-isocyanato-3-(trifluoromethyl)-	329-01-1 .....	.....	10/29/90	06/30/98
Benzene, 1,1',1''-methylidynetris(4-isocyanato-	2422-91-5 .....	.....	10/29/90	11/09/93
Butane, 1-isocyanato-	111-36-4 .....	.....	10/29/90	06/30/98
Cyclohexane, 2-heptyl-3,4-bis (9-isocyanatononyl)-1-pentyl-	68239-06-5 .....	.....	10/29/90	11/09/93
Cyclohexane, isocyanato-	3173-53-3 .....	.....	10/29/90	11/09/93
1,3-Diazetidone-2,4-dione, 1,3-bis(3-isocyanato methylphenyl)-	26747-90-0 .....	.....	10/29/90	11/09/93
Ethane, isocyanato-	109-90-0 .....	.....	10/29/90	12/19/95
Imidodicarbonic diamide, N,N'-2-tris(6-isocyanatohexyl)-	4035-89-6 .....	.....	10/29/90	11/09/93
Methane, isocyanato-	624-83-9 .....	.....	10/29/90	12/19/95
Octadecane, 1-isocyanato-	112-96-9 .....	.....	10/29/90	11/09/93
Phenol, 4-isocyanato-, phosphorothioate (3:1) (ester).	4151-51-3 .....	.....	10/29/90	11/09/93
Propane, 1-isocyanato-	110-78-1 .....	.....	10/29/90	11/09/93
1-Propene, 3-isocyanato-	1476-23-9 .....	.....	10/29/90	11/09/93
2-Propenoic acid, 2-methyl-, 2-isocyanatoethyl ester.	30674-80-7 .....	.....	10/29/90	12/19/95
2-Propenoic acid, 2-methyl-2-((((5-isocyanato-1,3,3-trimethylcyclohexyl)methyl)amino)carbonyl)oxyethyl ester.	73597-26-9 .....	.....	10/29/90	11/09/93
1,3,5-Triazine-2,4,6(1H,3H,5H-trione, 1,3,5-tris(3-isocyanatomethylphenyl)-	26603-40-7 .....	.....	10/29/90	11/09/93
Methyl ethylene glycol ethers and esters: Ethylene glycol monomethyl ether acrylate.	3121-61-7 .....	.....	1/26/94	12/19/95
Tetraethylene glycol monomethyl ether OSHA Chemicals in Need of Dermal Absorption Testing:	23783-42-8 .....	.....	1/26/94	12/19/95
Amitrole	61-82-5	§ 716.20(b)(3) applies	3/11/94	6/30/98
<i>n</i> -Amyl acetate	628-63-7	§ 716.20(b)(3) applies	1/26/94	6/30/98
<i>o</i> -Anisidine	90-04-0	§ 716.20(b)(3) applies	3/11/94	6/30/98
Benzyl chloride	100-44-7	§ 716.20(b)(3) applies	3/11/94	6/30/98
<i>sec</i> -Butyl acetate	105-46-4	§ 716.20(b)(3) applies	1/26/94	6/30/98
<i>tert</i> -Butyl acetate	540-88-5	§ 716.20(b)(3) applies	1/26/94	6/30/98
<i>sec</i> -Butyl alcohol	78-92-2	§ 716.20(b)(3) applies	1/26/94	6/30/98
<i>tert</i> -Butyl alcohol	75-65-0	§ 716.20(b)(3) applies	1/26/94	6/30/98
<i>t</i> -Butylcatechol	98-29-3	§ 716.20(b)(3) and (b)(4) apply.	8/4/95	6/30/98
<i>o</i> - <i>sec</i> -butylphenol	89-72-5 .....	.....	3/11/94	6/30/98
Camphor	76-22-2	§ 716.20(b)(3) applies	1/26/94	6/30/98
Carbon disulfide	75-15-0	§ 716.20(b)(3) applies	3/11/94	6/30/98
Catechol	120-80-9	§ 716.20(b)(3) and (b)(4) apply.	8/4/95	6/30/98
<i>a</i> -Chloroacetophenone	532-27-4	§ 716.20(b)(3) applies	1/26/94	6/30/98
Chlorobenzene	108-90-7	§ 716.20(b)(3) applies	3/11/94	6/30/98
<i>o</i> -Chlorotoluene	95-49-8	§ 716.20(b)(3) applies	3/11/94	6/30/98
Cyclohexene	110-83-8	§ 716.20(b)(3) applies	1/26/94	6/30/98
Cyclohexanol	108-93-0	§ 716.20(b)(3) and (b)(4) apply.	8/4/95	6/30/98
Cyclopentadiene	542-92-7	§ 716.20(b)(3) and (b)(4) apply.	8/4/95	6/30/98
Cyclopentane	287-92-3	§ 716.20(b)(3) applies	1/26/94	6/30/98
Diacetone alcohol	123-42-2	§ 716.20(b)(3) and (b)(4) apply.	8/4/95	6/30/98
Dibutyl phosphate	107-66-4	§ 716.20(b)(3) applies	1/26/94	6/30/98
1,2-Dichloroethylene	540-59-0	§ 716.20(b)(3) applies	3/11/94	6/30/98
Dicyclopentadiene	77-73-6	§ 716.20(b)(3) and (b)(4) apply.	8/4/95	6/30/98

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Dimethyl acetamide	127-19-5	§ 716.20(b)(3) and (b)(4) apply.	8/4/95	6/30/98
Dimethylaniline	121-69-7	§ 716.20(b)(3) and (b)(4) apply.	8/4/95	6/30/98
Dimethyl sulfate	77-78-1	§ 716.20(b)(3) applies	3/11/94	6/30/98
m-Dinitrobenzene	99-65-0	§ 716.20(b)(3) applies	3/11/94	6/30/98
o-Dinitrobenzene	528-29-0	§ 716.20(b)(3) applies	3/11/94	6/30/98
p-Dinitrobenzene	100-25-4	§ 716.20(b)(3) applies	1/26/94	6/30/98
2,4-Dinitrotoluene	121-14-2	§ 716.20(b)(3) applies	3/11/94	6/30/98
Diphenylamine	122-39-4	§ 716.20(b)(3) applies	3/11/94	6/30/98
Disulfiram	97-77-8	§ 716.20(b)(3) applies	1/26/94	1/26/94
Ethyl bromide	74-96-4	§ 716.20(b)(3) applies	3/11/94	6/30/98
Ethyl ether	60-29-7	§ 716.20(b)(3) applies	1/26/94	6/30/98
Heptane (n-Heptane)	142-82-5	§ 716.20(b)(3) applies	1/26/94	6/30/98
Indene	95-13-6	§ 716.20(b)(3) applies	3/11/94	6/30/98
Isoamyl acetate	123-92-2	§ 716.20(b)(3) applies	1/26/94	6/30/98
N-Isopropylaniline	768-52-5	§ 716.20(b)(3) applies	3/11/94	6/30/98
p-Methoxyphenol	150-76-5	§ 716.20(b)(3) applies	3/11/94	6/30/98
Methyl acetate	79-20-9	§ 716.20(b)(3) applies	1/26/94	6/30/98
Methylcyclohexane	108-87-2	§ 716.20(b)(3) applies	1/26/94	6/30/98
Methyl formate	107-31-3	§ 716.20(b)(3) applies	1/26/94	6/30/98
Methyl isoamyl ketone	110-12-3	§ 716.20(b)(3) and (b)(4) apply.	8/4/95	6/30/98
p-Nitroaniline	100-01-6	§ 716.20(b)(3) applies	3/11/94	6/30/98
p-Nitrochlorobenzene	100-00-5	§ 716.20(b)(3) applies	3/11/94	6/30/98
1-Nitropropane	108-03-2	§ 716.20(b)(3) applies	1/26/94	6/30/98
2-Nitropropane	79-46-9	§ 716.20(b)(3) applies	3/11/94	6/30/98
m-Nitrotoluene	99-08-1	§ 716.20(b)(3) and (b)(4) apply.	8/4/95	6/30/98
o-Nitrotoluene	88-72-2	§ 716.20(b)(3) applies	3/11/94	6/30/98
p-Nitrotoluene	99-99-0	§ 716.20(b)(3) and (b)(4) apply.	8/4/95	6/30/98
Nonane	111-84-2	§ 716.20(b)(3) applies	1/26/94	6/30/98
Pentane	109-66-0	§ 716.20(b)(3) applies	1/26/94	6/30/98
Phenylhydrazine	100-63-0	§ 716.20(b)(3) applies	3/11/94	6/30/98
Propylene glycol dinitrate	6423-43-4	§ 716.20(b)(3) applies	3/11/94	6/30/98
Sodium bisulfite	7631-90-5	§ 716.20(b)(3) applies	1/26/94	6/30/98
Sodium metabisulfite	7681-57-4	§ 716.20(b)(3) applies	1/26/94	6/30/98
Tetrahydrofuran	109-99-9	§ 716.20(b)(3) applies	3/11/94	6/30/98
m-Toluidine	108-44-1	§ 716.20(b)(3) applies	3/11/94	6/30/98
Vinylidene chloride	75-35-4	§ 716.20(b)(3) and (b)(4) apply.	8/4/95	6/30/98
Vinyl toluene	25013-15-4	§ 716.20(b)(3) applies	3/11/94	6/30/98
p-Xylene	106-42-3	§ 716.20(b)(3) applies	1/26/94	6/30/98
Xylidine	1300-73-8	§ 716.20(b)(3) applies	3/11/94	6/30/98
Propylene glycol ethers and esters:				
Dipropylene glycol	110-96-5		1/26/94	12/19/95
Dipropylene glycol butyl ether	29911-28-2		1/26/94	12/19/95
Dipropylene glycol monomethyl ether acetate.	88917-22-0		1/26/94	12/19/95
1-(2-Methoxy-1-methylethoxy)-2-propanol.	20324-32-7		1/26/94	12/19/95
Methoxy-1-propanol	28677-93-2		1/26/94	12/19/95
1-Phenoxy-2-propanol	770-35-4		1/26/94	12/19/95
Propylene glycol monobutyl ether	29387-86-8		1/26/94	12/19/95
Propylene glycol monomethyl ether acetate.	108-65-6		1/26/94	12/19/95
Propylene glycol mono-tert-butyl ether	57018-52-7		1/26/94	12/19/95
Tripropylene glycol diacrylate	42978-66-5		1/26/94	12/19/95
Tripropylene glycol methyl ether	20324-33-8		1/26/94	12/19/95
Siloxanes:				
Cyclopolydimethylsiloxane	69430-24-6		10/12/93	06/30/98
Decamethylcyclopentasiloxane	541-02-6		10/12/93	06/30/98
Decamethyltetrasiloxane	141-62-8		10/12/93	06/30/98
Dimethyldiphenylsiloxane	68083-14-7		10/12/93	06/30/98
Dimethylhydropolysiloxane	68037-59-2		10/12/93	06/30/98
Dimethylmethyl 3,3,3-trifluoropropyl siloxane.	115361-68-7		10/12/93	06/30/98
Dimethylmethylvinylsiloxane	67762-94-1		10/12/93	06/30/98
Dimethylpolysiloxanes	68037-74-1	§ 716.20(b)(2) applies	10/12/93	06/30/98
Dimethyl silicones and siloxanes	63148-62-9		10/12/93	06/30/98
Dimethyl silicones and siloxane, reaction products with silica.	67762-90-7	§ 716.20(b)(2) applies	10/12/93	06/30/98
Docosamethylcycloundecasiloxane	18766-38-6	§ 716.20(b)(2) applies	10/12/93	06/30/98

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Docosamethyldecaasiloxane	556-70-7	§ 716.20(b)(2) applies	10/12/93	06/30/98
Dodecamethylcyclohexasiloxane	540-97-6	10/12/93	06/30/98
Dodecamethylpentasiloxane	141-63-9 .....	.....	10/12/93	06/30/98
Dotetracontamethyleicosasiloxane	150027-00-2	§ 716.20(b)(2) applies	10/12/93	06/30/98
Dotriacontamethylcyclohexadecasiloxane.	150026-95-2	§ 716.20(b)(2) applies	10/12/93	06/30/98
Dotriacontamethylpentadecasiloxane	2471-11-6	§ 716.20(b)(2) applies	10/12/93	06/30/98
Eicosamethylcyclodecaasiloxane	18772-36-6	§ 716.20(b)(2) applies	10/12/93	06/30/98
Eicosamethylnonasiloxane	2652-13-3	§ 716.20(b)(2) applies	10/12/93	06/30/98
Hexacosamethylcyclotridecaasiloxane	23732-94-7	§ 716.20(b)(2) applies	10/12/93	06/30/98
Hexacosamethyldecaasiloxane	2471-08-1	§ 716.20(b)(2) applies	10/12/93	06/30/98
Hexadecamethylcyclooctasiloxane	556-68-3	§ 716.20(b)(2) applies	10/12/93	06/30/98
Hexadecamethylheptasiloxane	541-01-5	§ 716.20(b)(2) applies	10/12/93	06/30/98
Hexamethylcyclotrisiloxane	541-05-9 .....	.....	10/12/93	06/30/98
Hexamethyldisilazane	999-97-3 .....	.....	10/12/93	06/30/98
Hexamethyldisiloxane	107-46-0 .....	.....	10/12/93	06/30/98
Hexatriacontamethylcyclooctadecasiloxane.	23523-12-8	§ 716.20(b)(2) applies	10/12/93	06/30/98
Hexatriacontamethylheptadecasiloxane	18844-04-7	§ 716.20(b)(2) applies	10/12/93	06/30/98
Methylpolysiloxane	9004-73-3 .....	.....	10/12/93	06/30/98
Methylvinylcyclosiloxane	2554-06-5 .....	.....	10/12/93	06/30/98
Siloxanes and silicones, di-Me, hydroxy-terminated.	70131-67-8	§ 716.20(b)(2) applies	10/12/93	06/30/98
Octacosamethylcyclotetradecasiloxane	149050-40-8	§ 716.20(b)(2) applies	10/12/93	06/30/98
Octacosamethyltridecaasiloxane	2471-09-2	§ 716.20(b)(2) applies	10/12/93	06/30/98
Octadecamethylcyclononasiloxane	556-71-8	§ 716.20(b)(2) applies	10/12/93	06/30/98
Octadecamethyloctasiloxane	556-69-4	§ 716.20(b)(2) applies	10/12/93	06/30/98
Octamethyltrisiloxane	107-51-7 .....	.....	10/12/93	06/30/98
Octaphenylcyclotetrasiloxane	546-56-5 .....	.....	10/12/93	06/30/98
Octatriacontamethylcyclononadecasiloxane.	150026-97-4	§ 716.20(b)(2) applies	10/12/93	06/30/98
Octatriacontamethyldecaasiloxane	36938-52-0	§ 716.20(b)(2) applies	10/12/93	06/30/98
Polymethyldecaecylsiloxane	not available	§ 716.20(b)(2) applies	10/12/93	06/30/98
Tetracontamethylcycloicosasiloxane	150026-98-5	§ 716.20(b)(2) applies	10/12/93	06/30/98
Tetracontamethylnonadecasiloxane	150026-99-6	§ 716.20(b)(2) applies	10/12/93	06/30/98
Tetracosamethylcyclododecaasiloxane	18919-94-3	§ 716.20(b)(2) applies	10/12/93	06/30/98
Tetracosamethylundecasiloxane	107-53-9	§ 716.20(b)(2) applies	10/12/93	06/30/98
Tetradecamethylcycloheptasiloxane	107-50-6	§ 716.20(b)(2) applies	10/12/93	06/30/98
Tetradecamethylhexasiloxane	107-52-8	§ 716.20(b)(2) applies	10/12/93	06/30/98
Tetramethylcyclotetrasiloxane	2370-88-9 .....	.....	10/12/93	06/30/98
Tetramethyldivinylsiloxane	2627-95-4 .....	.....	10/12/93	06/30/98
Tetraatriacontamethylcycloheptadecasiloxane.	150026-96-3 .....	.....	10/12/93	06/30/98
Tetraatriacontamethylhexadecasiloxane	36938-50-8	§ 716.20(b)(2) applies	10/12/93	06/30/98
Triaccontamethylcyclopentadecasiloxane	23523-14-0	§ 716.20(b)(2) applies	10/12/93	06/30/98
Triaccontamethyltetradecasiloxane	2471-10-5	§ 716.20(b)(2) applies	10/12/93	06/30/98
Trifluoropropylmethylcyclotrisiloxane	2374-14-3 .....	.....	10/12/93	06/30/98
Substantially produced chemicals in need of subchronic tests:				
Acetoacetanilide	102-01-2 .....	.....	9/30/91	12/19/95
4-(Acetylamino)benzenesulfonyl chloride.	121-60-8 .....	.....	9/30/91	6/30/98
2-(2-Aminoethoxy)-ethanol	929-06-6 .....	.....	6/30/92	6/30/98
7-Amino-4-hydroxy-2-naphthalenesulfonic acid.	87-02-5 .....	.....	9/30/91	12/19/95
Ammonium carbamate	1111-78-0 .....	.....	9/30/91	12/19/95
1,3-Benzenedisulfonic acid	98-48-6 .....	.....	9/30/91	12/19/95
Bis(2-ethylhexyl)-2-butenedioate	142-16-5 .....	.....	9/30/91	12/19/95
Bromamine acid	116-81-4 .....	.....	9/30/91	12/19/95
Butyric anhydride	106-31-0 .....	.....	9/30/91	12/19/95
Ethanol, 2-(2-ethoxyethoxy)-, acetate	112-15-2 .....	.....	9/30/91	6/30/98
1,2-Dichlorobutane	616-21-7 .....	.....	9/30/91	12/19/95
3,4-Dichlorobutene	760-23-6 .....	.....	9/30/91	12/19/95
3,4-Dichloronitrobenzene	99-54-7 .....	.....	9/30/91	6/30/98
1,3-Dicyanobenzene	626-17-5 .....	.....	9/30/91	6/30/98
Diethylene glycol dimethyl ether	111-96-6 .....	.....	9/30/91	6/30/98
4-Ethoxynitrobenzene	100-29-8 .....	.....	9/30/91	6/30/98
2-Ethylanthraquinone	84-51-5 .....	.....	9/30/91	12/19/95
Hexa(methoxymethyl) melamine	3089-11-0 .....	.....	9/30/91	6/30/98
3-Hydroxy-2-naphthoic acid	92-70-6 .....	.....	9/30/91	12/19/95
Isobutyl acrylate	106-63-8 .....	.....	9/30/91	12/19/95
Isophthaloyl chloride	9-63-8	9/30/91	12/19/95
4-Methyl-2-nitro-phenol	119-33-5	9/30/91	6/30/98

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2-(4-Morpholinylidithio)-benzothiazole	95-32-9		9/30/91	12/19/95
Naphthalenedicarboxylic anhydride	81-84-5		9/30/91	6/30/98
1-Naphthol	90-15-3		9/30/91	12/19/95
p,p'-Oxybis(benzenesulfonylhydrazide)	80-51-3		9/30/91	6/30/98
2,4-Pentanedione	123-54-6		9/30/91	12/19/95
Perfluoro-N-hexane	355-42-0		9/30/91	12/19/95
Perfluorotributylamine	311-89-7		9/30/91	12/19/95
Propanoic anhydride	123-62-6		9/30/91	12/19/95
Quinacridone	1047-16-1		9/30/91	12/19/95
Terephthaloyl chloride	100-20-9		9/30/91	
Trichloromethanesulfonyl chloride	594-42-3		9/30/91	6/30/98
Triethylene glycol bis(2-ethylhexanoate)	94-28-0		9/30/91	12/19/95
Sulphones:				
2-Amino-4-[(2-hydroxyethyl) sulfonyl]phenol	17601-96-6		9/30/91	12/19/95
2-Amino-4-(methylsulfonyl)phenol	98-30-6		9/30/91	12/19/95
2-[(6-Amino-2-naphthalenyl) sulfonyl]ethanol	52218-35-6		9/30/91	12/19/95
2-[(3-Aminophenyl)sulfonyl]ethanol	5246-57-1		9/30/91	12/19/95
Bisphenol S	80-09-1		9/30/91	12/19/95
3-(Decyloxy)tetrahydrothiophene 1,1-dioxide	18760-44-6		9/30/91	12/19/95
4,4'-Diaminodiphenyl sulfone	80-08-0		9/30/91	12/19/95
4-[4-[(2,6-Dichloro-4-nitrophenyl)azo]phenyl]thiomorpholine, 1,1-dioxide	17741-62-7		9/30/91	12/19/95
1-(Diiodomethyl)sulfonyl-4-methyl benzene	20018-09-1		9/30/91	12/19/95
Dimethylsulfone	67-71-0		9/30/91	12/19/95
Diphenylsulfone	127-63-9		9/30/91	12/19/95
3-[N-Ethyl-4-[[6-(methylsulfonyl)-2-benzothiazolyl]azo]-m-toluidino]propionitrile	16588-67-3		9/30/91	12/19/95
1,1'-[Methylenebis(sulfonyl)]bis-2-chloroethane	41123-59-5		9/30/91	12/19/95
2,2'-[Methylenebis(sulfonyl)]bisethanol	41123-69-7		9/30/91	12/19/95
1,1'-[Methylenebis(sulfonyl)]bisethene	3278-22-6		9/30/91	12/19/95
6-Methylsulfonyl-2-benzothiazolamine	17557-67-4		9/30/91	12/19/95
2-[(3-Nitrophenyl)sulfonyl]ethanol	41687-30-3		9/30/91	12/19/95
1,1'-[Oxybis(methylene-sulfonyl)]bis-2-chloroethane	53061-10-2		9/30/91	12/19/95
2,2'-[Oxybis(methylene-sulfonyl)] bisethanol	36724-43-3		9/30/91	12/19/95
1,1'-[Oxybis(methylene-sulfonyl)] bisethene	26750-50-5		9/30/91	12/19/95
4-[[4-(Phenylmethoxy)phenyl]sulfonyl] phenol	63134-33-8		9/30/91	12/19/95
4-Phenylthiomorpholine, 1,1-dioxide	17688-68-5		9/30/91	12/19/95
Sulfolane	126-33-0		9/30/91	12/19/95
3-Sulfolene	77-79-2		9/30/91	12/19/95
Sulfonyl bis(4-chlorobenzene)	80-07-9		9/30/91	12/19/95
2,2'-Sulfonyl bisethanol	2580-77-0		9/30/91	12/19/95
Voluntary HPV Challenge Program orphan (unsponsored) chemicals:				
Acetaldehyde, reaction products with formaldehyde, by-products from.	68442-60-4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Acetamide, 2,2-dichloro-N,N-di-2-propenyl-	37764-25-3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Acid chlorides, tallow, hydrogenated	68955-37-3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Alkanes, chloro	61788-76-9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Alkenes, C>10 .alpha.-	64743-02-8	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Amides, coco, N-[3-(dimethylamino)propyl], alkylation products with sodium 3-chloro-2-hydroxypropanesulfonate.	70851-08-0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Amides, tall-oil fatty, N,N-di-Me	68308-74-7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Anthracene oil	90640-80-5	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Aromatic hydrocarbons, C8, o-xylene-lean.	68650-36-2	§ 716.21(a)(7)	September 29, 2006	November 28, 2006

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Aromatic hydrocarbons, C9-16, biphenyl deriv.-rich.	68955-76-0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Barium, carbonate nonylphenol complexes.	68515-89-9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzaldehyde, 3-bromo-	3132-99-8	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzaldehyde, 3-phenoxy-	39515-51-0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzaldehyde, 4-(1,1-dimethylethyl)- ..	939-97-9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzenamine, 2,6-diethyl-N-methylene-	35203-08-8	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzenamine, 2-ethyl-6-methyl-N-methylene-	35203-06-6	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzenamine, 3-(trifluoromethyl)-	98-16-8	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzenamine, N,N-dimethyl-	121-69-7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzenamine, N-phenyl-4-[[4-(phenylamino)phenyl][4-(phenylimino)-2,5-cyclohexadien-1-ylidene]methyl]-, monohydrochloride.	2152-64-9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzene, (2-chloro-1,1-dimethylethyl)-	515-40-2	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzene, 1-(bromomethyl)-3-phenoxy-	51632-16-7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzene, 1,1'-[1,2-ethanediylbis(oxy)]bis-	104-66-5	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzene, 1,1'-oxybis-, tetrapropylene derivs..	119345-02-7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzene, 1,2-dimethyl-3-nitro-	83-41-0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzene, 1-bromo-4-fluoro-	460-00-4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzene, 1-chloro-2,4-dinitro-	97-00-7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzene, 1-chloro-4-(trichloromethyl)- ..	5216-25-1	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzene, 1-chloro-4-(trifluoromethyl)- ..	98-56-6	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzene, 1-methoxy-4-methyl-	104-93-8	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzene, chloromethyl-	25168-05-2	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzene, ethenylethyl-	28106-30-1	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzene, ethylenated	68987-41-7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzene, mixed with toluene, dealkylation product.	68953-80-0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1,3-Benzenedicarboxylic acid, 5-sulfo-, 1,3-dimethyl ester.	138-25-0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1,3-Benzenedicarboxylic acid, 5-sulfo-, 1,3-dimethyl ester, sodium salt.	3965-55-7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1,2-Benzenedicarboxylic acid, bis(2-methylpropyl) ester.	84-69-5	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1,4-Benzenedicarboxylic acid, dimethyl ester, manuf. of, by-products from.	68988-22-7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzenemethanol, .alpha.,.alpha.-dimethyl-	617-94-7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzenemethanol, 3-phenoxy-	13826-35-2	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzenesulfonic acid, 3-nitro-, sodium salt.	127-68-4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzenesulfonic acid, 4-chloro-3,5-dinitro-, potassium salt.	38185-06-7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzenesulfonic acid, C10-16-alkyl derivs., compds. with triethanolamine.	68584-25-8	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzenesulfonic acid, dimethyl-	25321-41-9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzenesulfonyl chloride	98-09-9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide.	81-07-2	§ 716.21(a)(7)	September 29, 2006	November 28, 2006

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Benzoic acid, 2-methyl-	118–90–1	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
2,4,6,8,3,5,7-Benzotetraoxatriplumbacycloundecin-3,5,7-triylidene, 1,9-dihydro-1,9-dioxo-	17976–43–1	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzothiazole, 2-[(chloromethyl)thio]-	28908–00–1	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Benzoyl chloride, 3,5-dichloro-	2905–62–6	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1,2-Butadiene	590–19–2	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Butanedioic acid, oxo-, diethyl ester, ion(1-), sodium.	40876–98–0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1-Butanol, sodium salt	2372–45–4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
2-Butenal	4170–30–3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
2-Butenediamide, (2E)-, N,N'-bis[2-(4,5-dihydro-2-nortall-oil alkyl-1H-imidazol-1-yl)ethyl] derivs..	68442–77–3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
2-Butenedioic acid (2E)-, di-C8–18-alkyl esters.	68610–90–2	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
2-Butenedioic acid (2Z)-, dioctyl ester ..	2915–53–9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
2-Butenenitrile, 2-methyl-, (2E)-	30574–97–1	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
2-Butenenitrile, 2-methyl-, (2Z)-	20068–02–4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Carbamic acid, monoammonium salt	1111–78–0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Carbamodithioic acid, monoammonium salt.	513–74–6	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Carbonochloridothioic acid, S-(phenylmethyl) ester.	37734–45–5	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Carbonodithioic acid, O-(1-methylethyl) ester, sodium salt.	140–93–2	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Carboxylic acids, di-, C4–11	68937–72–4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Chromate(3-), bis[3-(hydroxy-.kappa.O)-4-[[2-(hydroxy-.kappa.O)-1-naphthalenyl]azo-.kappa.N1]-7-nitro-1-naphthalenesulfonato(3-)]-, tri-sodium.	57693–14–8	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Coal, anthracite, calcined	68187–59–7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Creosote	8001–58–9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Cyclohexane, oxidized, aq. ext., sodium salt.	68915–39–9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Cyclohexane, oxidized, non-acidic by-products, distn. lights.	68609–05–2	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1,3-Cyclopentadiene	542–92–7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Decane, 1-chloro-	1002–69–3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Decanoic acid, mixed esters with dipentaerythritol, octanoic acid and valeric acid.	68441–66–7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1-Decene, sulfurized	72162–15–3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Distillates (coal tar)	65996–92–1	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Distillates (coal tar), heavy oils	90640–86–1	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Distillates (coal tar), upper	65996–91–0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Distillates (petroleum), hydrofined lubricating-oil.	68782–97–8	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Distillates, hydrocarbon resin prodn. higher boiling.	68602–81–3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Disulfides, alkylaryl dialkyl diaryl, petroleum refinery spent caustic oxidn. products.	68334–01–0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006

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Disulfides, C5-12-alkyl	68513-62-2	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Ethane, 1,1,1-trimethoxy-	1445-45-0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-	111-91-1	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Ethane, 1,1'-oxybis[2-chloro-	111-44-4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Ethane, 1,2-dichloro-, manuf. of, by-products from, distn. lights.	68608-59-3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1,2-Ethanediamine, N,N,N',N'-tetramethyl-	110-18-9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Ethanedioic acid, calcium salt (1:1)	563-72-4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1,2-Ethanediol, dinitrate	628-96-6	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Ethanesulfonic acid, 2-[methyl[(9Z)-1-oxo-9-octadeceny]amino]-, sodium salt.	137-20-2	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Ethanimidothioic acid, N-hydroxy-, methyl ester.	13749-94-5	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Ethanol, 2-(2-butoxyethoxy)-, sodium salt.	38321-18-5	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Ethanol, 2,2'-oxybis-, reaction products with ammonia, morpholine derivs. residues.	68909-77-3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Ethanol, 2,2'-oxybis-, reaction products with ammonia, morpholine product tower residues.	71077-05-9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Ethanol, 2-[(4-aminophenyl)sulfonyl]-, hydrogen sulfate (ester).	2494-89-5	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Ethanol, 2-butoxy-, sodium salt	52663-57-7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Ethene, hydrated, by-products from	68987-66-6	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Ethenesulfonic acid, sodium salt	3039-83-6	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Extract oils (coal), tar base	65996-86-3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Extract residues (coal), tar oil alk.	65996-87-4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Extract residues (coal), tar oil alk., naphthalene distn. residues.	73665-18-6	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Extracts, coal tar oil alk.	65996-83-0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Fats and Glyceridic oils, vegetable, re-claimed.	68990-65-8	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Fatty acids, tall-oil, 2-(2-hydroxyethoxy)ethyl esters.	68309-16-0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Fatty acids, tall-oil, low-boiling, reaction products with ammonia-ethanolamine reaction by-products.	68915-05-9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Fatty acids, tall-oil, reaction products with diethylenetriamine, acetates.	68153-60-6	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Fatty acids, tall-oil, sulfonated, sodium salts.	68309-27-3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Formic acid, compd. with 2,2',2[ethanol] (1:1).	24794-58-9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
2,5-Furandione, dihydro-3-(octenyl)-	26680-54-6	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Glycine, N-(carboxymethyl)-	142-73-4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Glycine, N-(carboxymethyl)-, disodium salt.	928-72-3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Glycine, N-methyl-, monosodium salt	4316-73-8	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Glycine, N-phenyl-, monopotassium salt	19525-59-8	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Glycine, N-phenyl-, monosodium salt	10265-69-7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1-Hexacosanol	506-52-5	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Hexadecane, 1-chloro-	4860-03-1	§ 716.21(a)(7)	September 29, 2006	November 28, 2006

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1,4-Hexadiene	592-45-0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Hexanedioic acid, dihexyl ester	110-33-8	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Hexanedioic acid, esters with high-boiling C6-10-alkene hydroformylation products.	84501-86-0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1,3-Hexanediol, 2-ethyl-	94-96-2	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1,6-Hexanediol, distn. residues	68937-29-1	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
2-Hexenal, 2-ethyl-	645-62-5	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1H-Isoidole-1,3(2H)-dione, 3a,4,7,7a-tetrahydro-	85-40-5	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Hydrocarbons, C12-20, catalytic alkylation by-products.	68919-17-5	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Imidodicarbonic diamide, N,N',2-tris(6-isocyanatohexyl)-.	4035-89-6	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1,3-Isobenzofurandione, 5-methyl-	19438-61-0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Lard, oil, Me esters	68082-78-0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Methanesulfonamide, N-[2-[(4-amino-3-methylphenyl)ethylamino]ethyl]-, sulfate (2:3).	25646-71-3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Methanesulfonic acid, hydroxy-, monosodium salt.	870-72-4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Methanesulfonyl chloride	124-63-0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Methanone, (2-hydroxy-4-methoxyphenyl)phenyl-	131-57-7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Naphtha (petroleum), clay-treated light straight-run.	68527-22-0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-, monosodium salt.	5460-09-3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1-Naphthalenesulfonic acid, 2-amino- ..	81-16-3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
2-Naphthalenesulfonic acid, 6-[(2,4-diaminophenyl)azo]-3-[[4-[[7-[(2,4-diaminophenyl)azo]-1-hydroxy-3-sulfo-2-naphthalenyl]azo]phenyl]amino]-3-sulfophenyl]azo]-4-hydroxy-, tri-sodium salt.	6473-13-8	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1-Naphthalenol, 1,2,3,4-tetrahydro-	529-33-9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1(2H)-Naphthalenone, 3,4-dihydro-	529-34-0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1H,3H-Naphtho[1,8-cd]pyran-1,3-dione	81-84-5	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Nickel, bis[(cyano-C)triphenylborato(1-)-N]bis(hexanedinitrile-N,N')-	83864-02-2	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1-Octacosanol	557-61-9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Octadecane, 1-chloro-	3386-33-2	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Octadecanoic acid, 2-(1-carboxyethoxy)-1-methyl-2-oxoethyl ester, sodium salt.	25383-99-7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Octadecanoic acid, 2-(hydroxymethyl)-2-[[1-oxooctadecyl]oxy]methyl]-1,3-propanediyl ester.	28188-24-1	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Octadecanoic acid, reaction products with 2-[(2-aminoethyl)amino]ethanol.	68815-50-9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
9-Octadecenoic acid, 12-(acetyloxy)-, 1,2,3-propanetriyl ester, (9Z,9'Z,9'',12R,12'R,12'')-.	101-34-8	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Octane, 1-chloro-	111-85-3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1-Octanesulfonyl chloride	7795-95-1	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1-Octanesulfonyl fluoride	40630-63-5	§ 716.21(a)(7)	September 29, 2006	November 28, 2006

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Category	CAS No.	Special Exemptions	Effective Date	Sunset Date
Oxirane, [(2-methylphenoxy)methyl]-	2210-79-9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Oxiranemethanamine, N-[4-(oxiranylmethoxy)phenyl]-N-(oxiranylmethyl)-	5026-74-4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Paraffin oils, chlorosulfonated, saponified.	68188-18-1	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
3-Pentanone	96-22-0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1-Pentene, 2,4,4-trimethyl-	107-39-1	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
2-Pentene, 2,4,4-trimethyl-	107-40-4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phenol, (1,1,3,3-tetramethylbutyl)-	27193-28-8	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phenol, (1-methylethyl)-	25168-06-3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phenol, 2-(1,1-dimethylethyl)-4-methyl-	2409-55-4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phenol, 2,4-bis(1,1-dimethylpropyl)-6-[(2-nitrophenyl)azo]-	52184-19-7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phenol, 2,4-bis(1-methyl-1-phenylethyl)-6-[(2-nitrophenyl)azo]-	70693-50-4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phenol, 3-(diethylamino)-	91-68-9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phenol, 4-methyl-2-nitro-	119-33-5	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phenol, isobutylenated methylstyrenated.	68457-74-9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phenol, methyl-, sodium salt	34689-46-8	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phenol, nonyl derivs.	68081-86-7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phenol, styrenated	61788-44-1	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phenols (petroleum)	64743-03-9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phosphoramidithioic acid, O,O-dimethyl ester.	17321-47-0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phosphoric acid, (1,1-dimethylethyl)phenyl diphenyl ester.	56803-37-3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phosphoric acid, mixed 3-bromo-2,2-dimethylpropyl and 2-bromoethyl and 2-chloroethyl esters.	125997-20-8	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phosphorochlorodithioic acid, O,O-dimethyl ester.	2524-03-0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phosphorochloridous acid, bis(4-nonylphenyl) ester.	63302-49-8	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phosphorodichloridic acid, ethyl ester	1498-51-7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters.	68187-41-7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts.	68649-42-3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phosphorodithioic acid, O,O-dimethyl ester.	756-80-9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phosphorodithioic acid, O,O-dimethyl ester, sodium salt.	26377-29-7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phosphorous acid, 2-(1,1-dimethylethyl)-4-[1-[3-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-methylethyl]phenyl bis(4-nonylphenyl) ester.	20227-53-6	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Phosphorous acid, isooctyl diphenyl ester.	26401-27-4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Piperazineethanol	25154-38-5	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Pitch, coal tar-petroleum	68187-57-5	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Propane, 2,2-dimethoxy-	77-76-9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Propanenitrile, 3-(dimethylamino)-	1738-25-6	§ 716.21(a)(7)	September 29, 2006	November 28, 2006

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Category	CAS No.	Special Exemptions	Effective Date	Sunset Date
1-Propanesulfonic acid, 2-hydroxy-3-(2-propenyloxy)-, monosodium salt.	52556–42–0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Propanoic acid, 2-bromo-	598–72–1	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Propanoic acid, 2-methyl-, 3-(benzoyloxy)-2,2,4-trimethylpentyl ester.	22527–63–5	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
2-Propenoic acid, 2-carboxyethyl ester	24615–84–7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Pyridine, hydrochloride	628–13–7	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
4(1H)-Pyrimidinone, 6-methyl-2-(1-methylethyl)-.	2814–20–2	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Solvent naphtha (coal)	65996–79–4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Sulfonic acids, petroleum	61789–85–3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Tannins	1401–55–4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Tannins, reaction products with sodium bisulfite, sodium polysulfide and sodium sulfite.	72854–27–4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Tar oils, coal	65996–82–9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Tar, coal, dried and oxidized	68918–16–1	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Tar, coal, high-temp.	65996–89–6	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Tar, coal, high-temp., high-solids	68990–61–4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Terpenes and Terpenoids, C10–30, distrn. residues.	70084–98–9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1-Tetracosanol	506–51–4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Tetradecane, 1-chloro-	2425–54–9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1,3,5,7-Tetrazocine, octahydro-1,3,5,7-tetranitro-.	2691–41–0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Thiazole, 4-methyl-	693–95–8	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Thiourea	62–56–6	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1,3,5-Triazine, hexahydro-1,3,5-trinitro-	121–82–4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(6-isocyanatohexyl)-.	3779–63–3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1,3,5-Triazine-2,4-diamine, 6-chloro-N-(1,1-dimethylethyl)-N'-ethyl-.	5915–41–3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1,3,5-Triazine-2,4-diamine, 6-chloro-N,N'-bis(1-methylethyl)-.	139–40–2	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1,3,5-Triazine-2,4-diamine, 6-chloro-N-ethyl-N'(1-methylethyl)-.	1912–24–9	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Urea, (hydroxymethyl)-	1000–82–4	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Urea, N'-(3,4-dichlorophenyl)-N,N-dimethyl-.	330–54–1	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Urea, sulfate (1:1)	21351–39–3	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
Urea, sulfate (2:1)	17103–31–0	§ 716.21(a)(7)	September 29, 2006	November 28, 2006

[53 FR 38645, Sept. 30, 1988]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting § 716.120, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at www.fdsys.gov.

EFFECTIVE DATE NOTE: At 59 FR 14115, Mar. 25, 1994, in § 716.120 paragraph (d), the chemical substances under the category “propylene glycol ethers and esters” and all related dates, were stayed effective Mar. 25, 1994.

PART 717—RECORDS AND REPORTS OF ALLEGATIONS THAT CHEMICAL SUBSTANCES CAUSE SIGNIFICANT ADVERSE REACTIONS TO HEALTH OR THE ENVIRONMENT

Subpart A—General Provisions

Sec.

- 717.1 Scope and compliance.
- 717.3 Definitions.
- 717.5 Persons subject to this part.
- 717.7 Persons not subject to this part.
- 717.10 Allegations subject to this part.
- 717.12 Significant adverse reactions that must be recorded.
- 717.15 Recordkeeping requirements.
- 717.17 Inspection and reporting requirements.
- 717.19 Confidentiality.

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

SOURCE: 48 FR 38187, Aug. 22, 1983, unless otherwise noted.

Subpart A—General Provisions

§ 717.1 Scope and compliance.

Section 8 (c) of the Toxic Substances Control Act (TSCA) requires manufacturers, processors, and distributors of chemical substances and mixtures:

(a) To keep “records of significant adverse reactions to health or the environment, as determined by the Administrator by rule, alleged to have been caused by the substance or mixture.”

(b) To “permit inspection and submit copies of such records”, upon request of any designated representative of the Administrator. This rule implements section 8(c) of TSCA. It describes the records to be kept and prescribes the conditions under which certain firms must submit or make the records available to a duly designated representative of the Administrator.

§ 717.3 Definitions.

The definitions set forth in section 3 of TSCA and the following definitions apply to this part:

(a) *Allegation* means a statement, made without formal proof or regard for evidence, that a chemical substance or mixture has caused a significant adverse reaction to health or the environment.

(b) *Firm or company* means any person, that is subject to this part, as defined in § 717.5.

(c)(1) *Known human effects* means a commonly recognized human health effect of a particular substance or mixture as described either in:

(i) Scientific articles or publications abstracted in standard reference sources.

(ii) The firm’s product labeling or material safety data sheets (MSDS).

(2) However, an effect is not a “known human effect” if it:

(i) Was a significantly more severe toxic effect than previously described.

(ii) Was a manifestation of a toxic effect after a significantly shorter exposure period or lower exposure level than described.

(iii) Was a manifestation of a toxic effect by an exposure route different from that described.

(d) *Manufacture or process* means to manufacture or process for commercial purposes.

(e)(1) *Manufacture for commercial purposes* means to import, produce, or manufacture with the purpose of obtaining an immediate or eventual commercial advantage for the manufacturer, and includes, among other things, such “manufacture” of any amount of a chemical substance or mixture:

(i) For distribution in commerce, including for test marketing.

(ii) For use by the manufacturer, including use for product research and development, or as an intermediate.

(2) *Manufacture for commercial purposes* also applies to substances that are produced coincidentally during the manufacture, processing, use, or disposal of another substance or mixture, including both byproducts that are separated from that other substances or mixture and impurities that remain in that substance or mixture. Such byproducts and impurities may, or may not, in themselves have commercial value. They are nonetheless produced for the purpose of obtaining a commercial advantage since they are part of the manufacture of a chemical product for a commercial purpose.

(f) *Person* includes any individual, firm, company, corporation, joint venture, partnership, sole proprietorship,