

**Environmental Protection Agency**

**§ 716.120**

mixture, or category of chemical substances should be withdrawn from the amendment must be received by EPA within 14 days after the date of publication of the notice under paragraph (b) of this section. If a chemical substance, mixture, or category of chemical substances is withdrawn, a FEDERAL REGISTER notice announcing this decision will be published no later than the effective date of the amendment under paragraph (b) of this section.

(d) Persons who wish to submit information that shows why a chemical should be withdrawn must submit their comments in writing by one of the following methods:

(1) Mail, preferably certified, to the Document Control Office (DCO) (7407M), Office of Pollution Prevention and Toxics (OPPT), Environmental Protection Agency, 1200 Pennsylvania Ave., NW., Washington, DC 20460-0001, ATTN: 8(d) Auto-ITC.

(2) Hand delivery to OPPT Document Control Office (DCO), EPA East, Rm. 6428, 1201 Constitution Ave., NW., Washington, DC, ATTN: 8(d) Auto-ITC. The DCO is open from 8 a.m. to 4 p.m., Monday through Friday, excluding legal holidays. The telephone number for the DCO is (202) 564-8930. Such de-

liveries are only accepted during the DCO's normal hours of operation.

[51 FR 32726, Sept. 15, 1986, as amended at 60 FR 34464, July 3, 1995; 71 FR 47135, Aug. 16, 2006]

**§ 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
75-88-7	Ethane, 2-chloro- 1,1,1-trifluoro .....	.....	10/15/90	11/09/93

CAS No.	Substance	Special exemptions	Effective date	Sunset date
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'-(methylethylidene)bis[2,6-dibromo-		06/20/85	06/20/95
80-05-7	Bisphenol A—Phenol, 4,4'-(1-methylethylidene)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

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CAS No.	Substance	Special exemptions	Effective date	Sunset date
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	2 <i>H</i> -Azepin-2-one, hexahydro-		06/01/87	06/01/97
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-ethanediybis(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

CAS No.	Substance	Special exemptions	Effective date	Sunset date
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
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 N-methyl-N-oleoyltaurine—Ethanesulfonic acid, 2-[methyl (1-oxo-9-octadecenyl)amino]-, sodium salt, (Z)-.	.....	12/28/84	12/28/94
137–26–8	Thioperoxydicarbonic diamide, tetramethyl- .....	.....	6/1/87	12/19/95
139–25–3	Benzene, 1,1,1-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, N-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(3H)-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-d]imidazole-2,5-(1H,3H)-dione, tetrahydro-	.....	6/3/04	8/2/04
472–41–3	Phenol, 4-(3,4-dihydro-2,2,4-trimethyl-2H-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, N-(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	m-Ethyltoluene—Benzene, 1-ethyl-3-methyl- .....	.....	04/29/83	04/29/93
622–96–8	p-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-tert-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, N,N-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

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CAS No.	Substance	Special exemptions	Effective date	Sunset date
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</i> - <i>tert</i> -Butylbenzaldehyde—Benzaldehyde, 4-(1,1-dimethylethyl)- .....	.....	06/25/86	11/09/93
994-05-8	Tert-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
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, <i>N</i> -[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, <i>N</i> -[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, <i>N</i> -[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

CAS No.	Substance	Special exemptions	Effective date	Sunset date
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) applies .....	06/03/85	06/03/95
9016–87–9	Isocyanic acid, polymethylenepolyphenylene ester ....	.....	6/1/87	12/19/95
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-, triisooctyl 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-oxyl- .....	.....	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-ethanediyol 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

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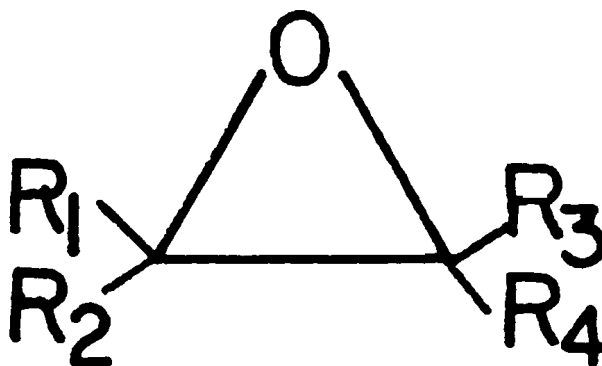
CAS No.	Substance	Special exemptions	Effective date	Sunset date
61262-53-1	Ethylene bis(pentabromophenoxide) .....	.....	1/11/90	12/19/95
61788-33-8	Terphenyl, chlorinated .....	.....	10/04/82	12/29/88
61789-36-4	Calcium naphthenate—Naphthenic acids, calcium salts.	.....	07/01/83	07/01/93
61789-51-3	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 <sub>10-16</sub> -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- <i>N</i> -(2-aminoethyl)- <i>N</i> -(2-hydroxyethyl)- <i>N</i> -methyl-, <i>N,N'</i> -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-ethanediyl), $\alpha$ -[2-[bis(2-aminoethyl)methylammonio]ethyl]- $\omega$ -hydroxy-, <i>N,N'</i> -dicoco acyl derivatives, methyl sulfates (salts).	.....	06/20/88	11/09/93
68389-89-9	Poly(oxy-1,2-ethanediyl), $\alpha$ -[2-[bis(2-aminoethyl)methylammonio]ethyl]- $\omega$ -hydroxy-, <i>N,N'</i> -bis(hydrogenated tallow acyl) derivatives, methyl sulfates (salts).	.....	06/20/88	11/09/93
68410-69-5	Poly(oxy-1,2-ethanediyl), $\alpha$ -[2-[bis(2-aminoethyl)methylammonio]ethyl]- $\omega$ -hydroxy-, <i>N,N'</i> -ditallow acyl derivatives, methyl sulfates (salts).	.....	6/20/88	12/19/95
68413-04-7	Poly[oxy(methyl-1,2-ethanediyl)], $\alpha$ -[2-[bis(2-aminoethyl)methylammonio] methylethyl]- $\omega$ -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), $\alpha$ -[3-[bis(2-aminoethyl)methylammonio]-2-hydroxy-propyl]- $\omega$ -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), $\alpha$ -[3-[bis(2-aminoethyl)methylammonio]ethyl]- $\omega$ -hydroxy-, <i>N,N'</i> -di[C <sub>14-18</sub> acyl] derivatives, methyl sulfates (salts).	.....	06/20/88	06/20/88
75790-84-0	Benzene, 2-isocyanato-4-[(4-isocyanatophenyl)methyl]-1-methyl-.	.....	06/01/87	11/09/93
75790-87-3	Benzene, 1-isocyanato-2-[(4-isocyanatophenyl)thio]-	.....	06/01/87	11/09/93

(b) [Reserved]

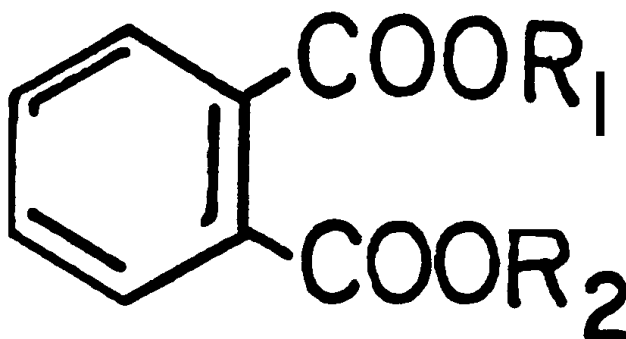
(c) *By category.* The following categories are listed in alphabetical order. Chemical substances listed within a category are provided only as examples of the category. All chemical substances within a category are subject to all the provisions of part 716 for the time period from the effective date 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. ....	.....	.....	10/04/82	12/29/88



Category	CAS No. (examples for category)	Special exemptions	Effective date	Sunset date
R <sub>1</sub> =R <sub>2</sub> =R <sub>3</sub> =R <sub>4</sub> =H or alkyl. Groups R <sub>1</sub> -R <sub>4</sub> 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
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

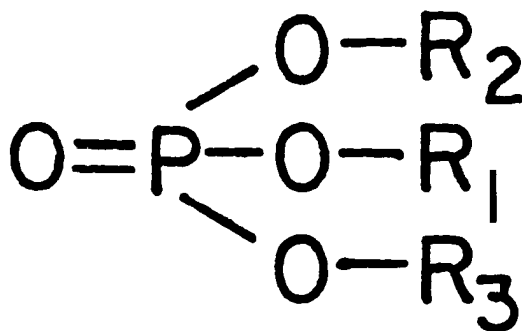


Category	CAS No. (examples for category)	Special exemptions	Effective date	Sunset date
R <sub>1</sub> =R <sub>2</sub> =alkyl.				
1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester .....	117-81-7 .....	.....	10/04/82	10/04/92
1,2-Benzenedicarboxylic acid, bis(1-methylheptyl) ester .....	131-15-7 .....	.....	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

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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''-[[methylstannylidyne]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
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-sub- stituted phenols. Triaryl and mixed alkyl and aryl esters are in- cluded but trialkyl esters are excluded .....	.....	.....	10/04/82	10/04/92



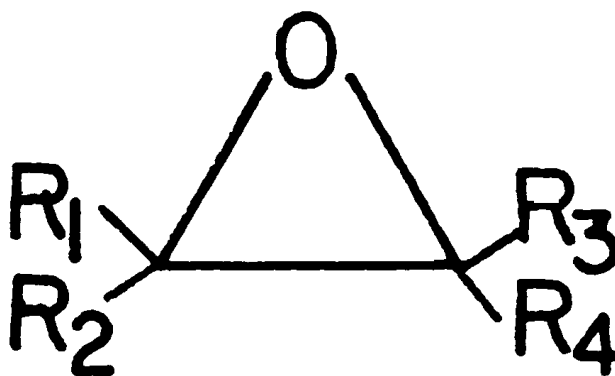
Category	CAS No. (ex- amples for cat- egory)	Special ex- emptions	Effective date	Sunset date
R <sub>1</sub> =phenyl, either unsubstituted or substituted with one or more alkyl or aralkyl groups R <sub>2</sub> =R <sub>3</sub> alkyl; or phenyl, either unsubstituted or substituted with one or more alkyl 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
Asbestos—asbestiform varieties of chrysotile (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-[[2-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-naphthalenyloxy]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-naphthalenyloxy]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-naphthalenyloxy)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-naphthalenyloxy)azo]-2-naphthalenyloxy]-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(phenyl)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(phenyl)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(phenyl)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(phenyl)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'-diylazo)]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(phenyl)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-naphthalenyloxy]azo][1,1'-biphenyl]-4-yl]azo]-8-hydroxy-1,6-naphthalenedisulfonato(7-)]di-, trisodium .....	6656–03–7 .....	.....	10/04/82	10/04/92

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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'- [(2hydroxy-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- methylphenyl) sulfonyloxy]phenyl]azo] [1,1'-biphenyl]-4- yl]azo]-, disodium salt .....	3567-65-5	.....	10/04/82	10/04/92
2,7-Naphthalenedisulfonic acid, 5-amino-3-[[4'-[7-amino-1-hy- droxy-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-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 <sub>10</sub> H <sub>x</sub> Cl <sub>y</sub> 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

Category	CAS No. (ex-amples for cat-egory)	Special ex-emptions	Effective date	Sunset date
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 <sub>6-18</sub> , 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 <sub>n</sub> H <sub>2n-x</sub> F <sub>x</sub> 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

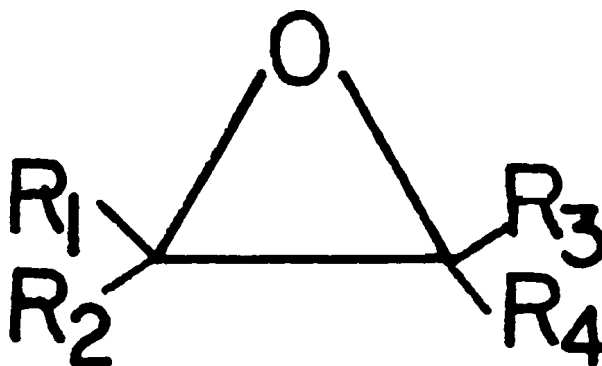


Category	CAS No. (ex-amples for cat-egory)	Special ex-emptions	Effective date	Sunset date
R=H; alkyl, alkenyl or alkynyl; aryl; acyl. where R=alkyl, alkenyl, alkynyl, aryl, or acyl; any substituents or functional groups may be present with the alkyl, etc., groups				
1,2-Cyclohexanedicarboxylic acid, 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

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Category	CAS No. (ex- amples for cat- egory)	Special ex- emptions	Effective date	Sunset date
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-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 <sub>6</sub> -C <sub>12</sub> -alkyloxy)methyl]derivatives .....	68987-80-4	.....	10/04/82	10/04/92
Oxirane, mono[(C <sub>8</sub> -C <sub>12</sub> -alkyloxy)methyl]derivatives .....	68609-96-1	.....	10/04/82	10/04/92
Oxirane, mono[C <sub>10</sub> -C <sub>16</sub> -alkyloxy)methyl]derivatives .....	68081-84-5	.....	10/04/82	10/04/92
Oxirane, mono[(C <sub>10</sub> -C <sub>14</sub> -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
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-phenyl- ene)]bis(methylene)]bis- .....	13561-08-5	.....	10/04/82	10/04/92
Oxirane, 2,2'-[[2-oxiranyl(methoxy) phenyl]methylene]bis(4,1-phenyl-eneoxymethylene)]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''-[1,2,3-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''-[propylidynetris (4,1- phenyleneoxymethylene)]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-oxiranyl(methoxy)benzoyl]-ω- [[4-oxiranyl(methoxy)benzoyl]oxy]- .....	69943-75-5	.....	10/04/82	10/04/92
2-Propenoic acid, 2-methyl-, oxiranyl(methyl ester) .....	106-91-2	.....	10/04/82	10/04/92
2-Propenoic acid, oxiranyl(methyl ester) .....	106-90-1	.....	10/04/82	10/04/92
Silane, [(3-chloropropyl)(dimethoxy)[3- (oxiranyl(methoxy)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, 1,1,1,3,5,7,7,7-octamethyl-3,5-bis[3- (oxiranyl(methoxy)propyl)]- .....	69155-42-6	.....	10/04/82	10/04/92
Trisiloxane, 1,1,1,3,5,5,5-heptamethyl-3-[3-(oxiranyl- methoxy)propyl]- .....	7422-52-8	.....	10/04/82	10/04/92
Halogenated alkyl epoxides—halogenated noncyclic aliphatic hy- drocarbons 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 <sub>1</sub> =X or C <sub>n</sub> H <sub>2n-1-y</sub> X <sub>y</sub> (y=1 to 1n=1)	.....	.....	.....	.....
R <sub>2</sub> =H or X or C <sub>n</sub> H <sub>2n-1-y</sub> X <sub>y</sub> (y=0 to 2n=1)	.....	.....	.....	.....
R <sub>3</sub> =H or X or C <sub>n</sub> H <sub>2n-1-y</sub> X <sub>y</sub> (y=0 to 2n=1)	.....	.....	.....	.....
R <sub>4</sub> =H or X or C <sub>n</sub> H <sub>2n-1-y</sub> X <sub>y</sub> (y=0 to 2n=1)	.....	.....	.....	.....
X=halogen. Groups R <sub>1</sub> -R <sub>4</sub> may contain one or more epoxide functions.				
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
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	.....	04/29/83	04/29/93
1,2-Benzenediamine, 4-butyl- .....	3663-23-8	.....	04/29/83	12/29/88
1,2-Benzenediamine, 4-butyl- .....	95-83-0	.....	04/29/83	04/29/83
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-methyl-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

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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
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
<b>Aldehydes:</b>				
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)-.α.-methyl- .....	80-54-6 .....	.....	9/30/91	6/30/98
Benzenepropanal, .α.-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

Category	CAS No.	Special Exemptions	Effective Date	Sunset Date
3-Cyclohexene-1-carboxaldehyde, 4-(4-methyl-3-pentenyl)-	37677-14-8		9/30/91	12/19/95
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
<b>Indium Compounds:</b>				
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 <sub>3</sub> )	10025-82-8	§ 716.21(a)(6)	6/3/04	8/2/04
Indium hydroxide (In(OH) <sub>3</sub> )	20661-21-6	§ 716.21(a)(6)	6/3/04	8/2/04
Indium oxide (In <sub>2</sub> O <sub>3</sub> )	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- 4-(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
<b>Alkyl-, Chloro-, and Hydroxymethyl Diaryl Ethers:</b>				
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
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

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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, monoethyl ester	3991-73-9		10/29/90	11/09/93
Phosphoric acid, monoctadecyl 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
Phosphorodichloric 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-isooctylphenyl 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-isooctylphenyl 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
	25154-52-3	§ 716.20(b)(4) applies	3/29/96	6/30/98
4-Nonylphenol	104-40-5	§ 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

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Poly(oxy-1,2-ethanediyl), $\alpha$ -(octylphenyl)- $\omega$ -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
<b>Brominated flame retardants:</b>				
Alkanes, C10-18, bromochloro-	68955-41-9		10/29/90	12/19/95
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-phenyleneoxy)) 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
<b>Chloroalkyl phosphates:</b>				
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-Ethanediyl tetrakis(2-chloro-1-methylethylene) phosphate.	34621-99-3		6/14/93	12/19/95
Oxydi-2,1-ethanediyltetrakis(2-chloroethyl) phosphate ..	53461-82-8		6/14/93	12/19/95
<b>Cyanoacrylates:</b>				
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
<b>Indium Compounds:</b>				
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 <sub>3</sub> )	10025-82-8	§ 716.21(a)(6)	6/3/04	8/2/04
Indium hydroxide (In(OH) <sub>3</sub> )	20661-21-6	§ 716.21(a)(6)	6/3/04	8/2/04
Indium oxide (In <sub>2</sub> O <sub>3</sub> )	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
<b>IRIS Chemicals:</b>				
3,4-Dimethylphenol	95-65-8		9/30/91	12/19/95
2,4-Dinitrophenol	51-28-5		9/30/91	12/19/95
<b>Isocyanates:</b>				
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

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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
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-Diazetidene-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 carbonyloxy)ethyl 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	23783-42-8		1/26/94	12/19/95
OSHA Chemicals in Need of Dermal Absorption Testing:				
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

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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
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 ( <i>n</i> -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
Phenyldiazine .....	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

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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
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
Eicosamethylcyclodecasiloxane .....	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
Hexacosamethylcyclotridecasiloxane .....	23732-94-7 .....	§ 716.20(b)(2) applies	10/12/93	06/30/98
Hexacosamethyldodecasiloxane .....	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

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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
Octacosamethyltridecasiloxane .....	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
Octatriacontamethylcyclonadecasiloxane .....	150026-97-4 ..	§ 716.20(b)(2) applies	10/12/93	06/30/98
Octatriacontamethyloctadecasiloxane .....	36938-52-0 ..	§ 716.20(b)(2) applies	10/12/93	06/30/98
Polymethyloctadecylsiloxane .....	not available ..	§ 716.20(b)(2) applies	10/12/93	06/30/98
Tetracontamethylcycloheptadecasiloxane .....	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
Tetracosamethylcyclododecasiloxane .....	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
Tetatriacontamethylcycloheptadecasiloxane .....	150026-96-3 ..		10/12/93	06/30/98
Tetatriacontamethylhexadecasiloxane .....	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-Ethylantraquinone .....	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
2-(4-Morpholinylthio)-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

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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
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

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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-ethanediy]bis(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
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-nortal-ol alkyl-1H-imidazol-1-yl)ethyl] derivs..	68442-77-3 ...	§ 716.21(a)(7)	September 29, 2006	November 28, 2006

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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
Carbonochlorodithioic 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-)]-, trisodium.	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
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-octadecenyl]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

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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, reclaimed .....	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
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-Indole-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

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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-[[4-[[7-[(2,4-diaminophenyl)azo]-1-hydroxy-3-sulfo-2-naphthalenyl]azo]phenyl]amino]-3-sulfo-2-naphthalenyl]azo]phenyl]amino]-3-sulfo-2-naphthalenyl]azo]-4-hydroxy-, trisodium 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]oxylmethyl]-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
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

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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
Phosphoramidothioic 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
Phosphorochloridothioic 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, isoocetyl 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
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-Propanoic 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, distn. 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

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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, dimethylethyl-N'-ethyl-, 6-chloro-N-(1,1-methylethyl)- .....	5915-41-3 .....	§ 716.21(a)(7)	September 29, 2006	November 28, 2006
1,3,5-Triazine-2,4-diamine, methylethyl-, 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 on GPO Access.

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, was stayed effective March 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**

**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.
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- 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.

**§ 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