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Title 40 —Protection of Environment
Chapter I —Environmental Protection Agency
Subchapter R —Toxic Substances Control Act

Part 712 Chemical Information Rules

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PART 712—CHEMICAL INFORMATION RULES

Authority: 15 U.S.C. 2607(a).

Source: 47 FR 26998, June 22, 1982, unless otherwise noted.

Subpart A—General Provisions

§ 712.1 Scope and compliance.

- (a) This part establishes procedures for chemical manufacturers and processors to report production, use, and exposure-related information on listed chemical substances. Subpart A establishes requirements that apply to all reporting under this part. Subpart B covers manufacturers' and processors' reporting.
- (b) Chemical substances, mixtures, and categories of substances or mixtures which have been recommended by the Interagency Testing Committee for testing consideration by the Agency but not designated for Agency response within 12 months, will be added to § 712.30 using the procedure specified in § 712.30(c) only to the extent that the total number of designated and recommended chemicals has not exceeded 50 in any 1 year. Additional recommended but not designated chemicals may be added after proposal, and consideration of public comment.

[47 FR 26998, June 22, 1982, as amended at 50 FR 34809, Aug. 28, 1985; 60 FR 31921, June 19, 1995]

§ 712.3 Definitions.

The definitions in section 3 of TSCA, 15 U.S.C. 2602, apply for this part. In addition, the following definitions apply:

- (a) **Byproduct** means any chemical substance or mixture produced without a separate commercial intent during the manufacture, processing, use, or disposal of another chemical substance or mixture.
- (b) **EPA** means the U.S. Environmental Protection Agency.
- (c) **Import in bulk form** means to import a chemical substance (other than as part of a mixture or article) in any quantity, in cans, bottles, drums, barrels, packages, tanks, bags, or other containers used for purposes of transportation or containment, if the chemical substance has an end use or commercial purpose separate from the container.
- (d) **Importer** means anyone who imports a chemical substance, including a chemical substance as part of a mixture or article, into the customs territory of the U.S. and includes the person liable for the payment of any duties on the merchandise, or an authorized agent on his behalf. Importer also includes, as appropriate:
 - (1) The consignee.
 - (2) The importer of record.
 - (3) The actual owner if an actual owner's declaration and superseding bond has been filed in accordance with 19 CFR 141.20.
 - (4) The transferee, if the right to withdraw merchandise in a bonded warehouse has been transferred in accordance with subpart C of 19 CFR part 144. For the purposes of this definition, the customs territory of the U.S. consists of the 50 states, Puerto Rico, and the District of Columbia.
- (e) **Impurity** means a chemical substance unintentionally present with another chemical substance or mixture.
- (f) **Intermediate** means any chemical substance that is consumed, in whole or in part, in chemical reactions used for the intentional manufacture of other chemical substances or mixtures, or that is intentionally present for the purpose of altering the rates of such chemical reactions. (See also paragraph (j) of this section.)
- (g) **Known to or reasonably ascertainable by** means all information in a person's possession or control, plus all information that a reasonable person similarly situated might be expected to possess, control, or know, or could obtain without unreasonable burden.
- (h) **Manufacture for commercial purposes** means to import, produce, or manufacture with the purpose of obtaining an immediate or eventual commercial advantage for the manufacturer and includes, among other things, such "manufacture" of any amount of a chemical substance or mixture:
 - (1) For commercial distribution, including for test marketing.
 - (2) For use by the manufacturer, including use for product research and development, or as an intermediate. Manufacture for commercial purposes also applies to substances that are produced coincidentally during the manufacture, processing, use, or disposal of another substance or mixture, including byproducts and coproducts that are separated from that other substance or mixture, and impurities that remain in that substance or mixture. Byproducts and impurities may not in

themselves have commercial value. They are nonetheless produced for the purpose of obtaining a commercial advantage since they are part of the manufacture of a chemical produced for a commercial purpose.

- (i) **Mixture** means any combination of two or more chemical substances if the combination does not occur in nature and is not, in whole or in part, the result of a chemical reaction; except that *mixture* does include
 - (1) any combination which occurs, in whole or in part, as a result of a chemical reaction if the combination could have been manufactured for commercial purposes without a chemical reaction at the time the chemical substances comprising the combination were combined, and if all of the chemical substances comprising the combination are included in the EPA, TSCA Chemical Substance Inventory after the effective date of the premanufacture notification requirement under 40 CFR part 720, and
 - (2) hydrates of a chemical substance or hydrated ions formed by association of a chemical substance with water. The term mixture includes alloys, inorganic glasses, ceramics, frits, and cements, including Portland cement.
- (j) **Non-isolated intermediate** means any intermediate that is not intentionally removed from the equipment in which it is manufactured, including the reaction vessel in which it is manufactured, equipment which is ancillary to the reaction vessel, and any equipment through which the substance passes during a continuous flow process, but not including tanks or other vessels in which the substance is stored after its manufacture. (See also paragraph (f) of this section.)
- (k) **Owned or controlled by the parent company** means the parent owns or controls 50 percent or more of the other company's voting stock or other equity rights, or has the power to control the management and policies of the other company.
- (l) **Person** means any natural person, firm, company, corporation, joint venture, partnership, sole proprietorship, association, or any other business entity, any State or political subdivision thereof, any municipality, any interstate body, and any department, agency, or instrumentality of the Federal government.
- (m) **Process for commercial purposes** means the preparation of a chemical substance or mixture, after its manufacture, for distribution in commerce with the purpose of obtaining an immediate or eventual commercial advantage for the processor. Processing of any amount of a chemical substance or mixture is included. If a chemical or mixture containing impurities is processed for commercial purposes, then those impurities are also processed for commercial purposes.
- (n) **Site** means a contiguous property unit. Property divided only by a public right-of-way shall be considered one site. There may be more than one manufacturing plant on a single site.
- (o) **Test marketing** means distributing in commerce a limited amount of a chemical substance or mixture, or article containing such substance or mixture, to a defined number of potential customers, during a predetermined testing period, to explore market capability prior to broader distribution in commerce.
- (p) **TSCA** means the Toxic Substances Control Act, 15 U.S.C. 2601 *et seq.*
- (q) **Central Data Exchange or CDX** means EPA's centralized electronic submission receiving system.
- (r) **Chemical Information Submission System or CISS** means EPA's electronic, web-based reporting tool for the completion and submission of data, reports, and other information, or its successors.

[47 FR 26998, June 22, 1982, as amended at 78 FR 72825, Dec. 4, 2013]

§ 712.5 Method of identification of substances for reporting purposes.

- (a) **Report on TSCA-regulable quantities.** Unless specifically otherwise required, respondents must report only about quantities of a chemical that is defined as a chemical substance under TSCA section 3(2).
- (b) **Chemicals from natural sources.** A manufacturer of a chemical substance which is extracted from an ore, from oil, or from any other natural source must report only about the manufacturing steps for, and the uses of, that chemical, not about production of the natural source material or other crude precursors derived from the natural source material.

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

- (c) **Chemical substances as marketed.** This part requires reporting about chemical substances as they are marketed or used in practice. The following preparations of a chemical substance must be reported as the substance itself, not as a mixture, since these preparations are regarded as the substance in practice.
 - (1) The chemical substance in aqueous solution.
 - (2) The chemical substance containing an additive (such as a stabilizer or other chemical) to maintain the integrity or physical form of the substance.
 - (3) The chemical substance in any grade of purity.

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

TSCA section 8(a) authorizes EPA to require persons to report information that is known to or reasonably ascertainable by them. For purposes of subpart B, however, a lesser standard applies. Companies must report information that is readily obtainable by management and supervisory employees responsible for manufacturing, processing, distributing, technical services, and marketing. Extensive file searches are not required.

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

§ 712.15 Confidentiality.

- (a) Any person submitting information under this part may assert business confidentiality claims for the information as described in the pertinent reporting form and its instructions. Any information covered by a claim will be disclosed by EPA only as provided in the procedures set forth at 40 CFR part 2.
- (b) Persons must certify to the validity of a claim of confidentiality they make for information reported under this part, as specified on the reporting form.

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

Subpart B—Manufacturers Reporting—Preliminary Assessment Information

§ 712.20 Manufacturers and importers who must report.

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

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

§ 712.25 Exempt manufacturers and importers.

- (a) Persons who manufactured or imported the chemical substance during the reporting period, solely for purposes of scientific experimentation, analysis, or research, including research or analysis for product development, are not subject to reporting under § 712.20.
- (b) Persons who, during the reporting period, manufactured or imported fewer than 500 kilograms (1100 pounds) of the chemical substance at a single plant site are not subject to reporting for that site under § 712.20.
- (c) Persons who qualify as small manufacturers (including importers) in respect to a specific chemical substance listed in § 712.30 are exempt. However, the exemption in this paragraph (c) does not apply with respect to any chemical in § 712.30 designated by an asterisk. A manufacturer is qualified as small and is exempt from submitting a report under this subpart for a chemical substance manufactured at a particular plant site if it meets the definition for small manufacturer in § 704.3 of this chapter.
- (d) Persons are not subject to reporting under § 712.20 if they manufactured or imported the chemical substance during the reporting period only in the following forms:
 - (1) As a byproduct that was not used or sold or that was formed as described in 40 CFR 710.4(d) (3) through (7).
 - (2) As a non-isolated intermediate.
 - (3) As an impurity.

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

§ 712.28 Form and instructions.

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

- (b) Reporting companies may submit their reports through individual plant sites or company headquarters as they choose. A separate form must be submitted for each plant site manufacturing the chemical substance.
- (c) Persons authorized to report information under this subpart must include the following information on Form 7710-35, Manufacturer's Report—Preliminary Assessment Information (Manufacturer's Report):
 - (1) A certification as to the truth and accuracy of the information reported signed and dated by an authorized person located at the plant site or corporate headquarters of the respondent company.
 - (2) A confidentiality statement signed and dated by an authorized person located at the plant site or corporate headquarters of the respondent company.
 - (3) The specific chemical name and Chemical Abstracts Service (CAS) Registry Number listed in 40 CFR 712.30.
 - (4) The name, company, address, city, State, ZIP code, and telephone number of a person who is submitting the form, which may be a person located at a plant site or corporate headquarters that will serve as the respondent, and will be able to answer questions about the information submitted by the company to EPA. A respondent to this subpart must include the appropriate Dun and Bradstreet Number for each plant site reported.
 - (5) The plant site activities, such as the manufacturing of a chemical substance, including the total quantity of the chemical substance (in kilograms) imported in bulk during the reporting period.
 - (6) The total number of workers and total worker-hours in each process category, which includes enclosed process, controlled release process, and open process.
 - (7) The information related to chemical substance processing by customers, including customers' use in industrial and consumer products, the market names under which the chemical substance is manufactured or imported, and the customer's process categories that are sold to customers for further processing.
- (d) Persons must use the CISS tool to complete and submit Form 7710-35, Manufacturer's Report, and accompanying letters, via CDX. Submission requires registration with CDX, and must be made only as set forth in this section.
- (e) To access the CISS tool go to <https://cdx.epa.gov/ssl/CSPP/PrimaryAuthorizedOfficial/Home.aspx> and follow the appropriate links, and for further instructions to go <http://www.epa.gov/oppt/chemtest/ereporting/index.html>.

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

§ 712.30 Chemical lists and reporting periods.

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

- (2) Unless a respondent has already prepared a Manufacturer's Report in conformity with conditions set forth in paragraph (a)(3) of this section, the information in each Manufacturer's Report must cover the respondent's latest complete corporate fiscal year as of the effective date. The effective date will be 30 days after the FEDERAL REGISTER publishes a rule amendment making the substance or mixture subject to this subpart B.
- (3) Persons subject to this subpart B need not comply with the requirements of paragraph (a)(2) of this section if they meet either one of the following conditions:

(i)

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

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

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

(ii)

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

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

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

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

(c)

(1) Chemical substances, mixtures, and categories of substances or mixtures that have been added by the Interagency Testing Committee, established under section 4(e) of TSCA, to the section 4(e) Priority List, for testing consideration by the Agency, will be added to this section 30 days after EPA issues for publication in the FEDERAL REGISTER a rule amendment listing these chemical substances, mixtures and categories. A Preliminary Assessment Information—Manufacturer's Report must be submitted for each chemical substance and mixture within 60 days after the effective date of the listing. At the discretion of the Assistant Administrator for Chemical Safety and Pollution Prevention, a listed substance, mixture or category may be withdrawn, for good cause, from the rule's reporting requirements prior to the effective date. Any information submitted showing why a substance, mixture or category should be removed from the rule must be received by EPA within 14 days after the date of publication of the notice under this paragraph. If a substance, mixture or category is removed, a FEDERAL REGISTER notice announcing this decision will be published no later than the effective date of the amendment.

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

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

CAS No.	Substance	Effective date	Reporting date
78-10-4	Ethyl silicate	8/23/00	10/23/00
90-30-2	N-Phenyl-1-naphthylamine	9/30/91	11/27/91
100-40-3	4-Vinylcyclohexene	1/11/90	3/12/90
108-95-5	Thiophenol	1/26/94	3/28/94
109-87-5	Methylal	8/23/00	10/23/00
118-79-6	2,4,6-tribromophenol	1/11/90	3/12/90
133-49-3	Pentachlorothiophenol	8/27/01	10/24/01
136-35-6	1-Triazene, 1,3-diphenyl-	7/11/03	9/9/03
143-33-9	Sodium cyanide	10/29/90	12/27/90
496-46-8	Glycoluril	8/23/00	10/23/00

CAS No.	Substance	Effective date	Reporting date
632-79-1	Tetrabromophthalic anhydride	1/11/90	3/12/90
637-92-3	Ethyl tert-butyl ether	12/28/94	2/27/95
994-05-8	Tert-amyl methyl ether	12/28/94	2/27/95
1163-19-5	Decabromodiphenyl ether	1/11/90	3/12/90
1198-55-6	Tetrachloropyrocatechol	8/27/01	10/24/01
1806-24-2	<i>p</i> -toluidine, 5-chloro-.alpha.,.alpha.,.alpha.-trifluoro-2-nitro- <i>N</i> -phenyl-	8/27/01	10/24/01
3194-55-6	Hexabromocyclododecane	1/11/90	3/12/90
3278-89-5	Benzene, 1,3,5-tribromo-2-(2-propenyloxy)-	7/11/03	9/9/03
3296-90-0	Dibromoneopentyl glycol	1/11/90	3/12/90
12185-10-3	White phosphorus	1/26/94	3/28/94
16691-43-3	3-Amino-5-mercapto-1,2,4-triazole	8/23/00	10/23/00
29091-20-1	Benzenamine, 3-chloro-2,6-dinitro- <i>N,N</i> -dipropyl-4-(trifluoromethyl)-	7/11/03	9/9/03
32534-81-9	Pentabromodiphenyl ether	1/11/90	3/12/90
32536-52-0	Octabromodiphenyl ether	1/11/90	3/12/90
32588-76-4	Ethylene Bis-(tetrabromophthalimide)	1/11/90	3/12/90
37853-59-1	1,2-Bis(tribromophenoxy) ethane	1/11/90	3/12/90
41291-34-3	Ethylene(5,6-dibromonorbornane-2,3-dicarboximide)	1/11/90	3/12/90
52907-07-0	Ethylene bis(5,6-dibromonorbornane-2,3-dicarboximide)	1/26/94	3/28/94
57137-10-7	Tribrominated polystyrene	1/11/90	3/12/90
61262-53-1	Ethylene bis(pentabromophenoxide)	1/11/90	3/12/90
68928-76-7	Stannane, dimethylbis[(1-oxoneodecyl)oxy]-	7/11/03	9/9/03
88185-22-2	Benzoic acid, 3-[2-chloro-4-(trifluoromethyl)phenoxy]-, 2-ethoxy-1-methyl-2-oxoethyl ester	8/27/01	10/24/01

- (e) Manufacturers and importers of the substances listed below by category must submit a Preliminary Assessment Information Manufacturers Report for each site at which they manufacture or import each substance by the reporting date shown in the table below. The categories are listed in alphabetic order with the chemical substances within each category listed by ascending numerical CAS number.

CAS No.	Substance
Aldehydes	
66-77-3	1-Naphthalenecarboxaldehyde

CAS No.	Substance
75-07-0	Acetaldehyde
75-87-6	Acetaldehyde, trichloro-
78-84-2	Propanal, 2-methyl-
78-85-3	2-Propenal, 2-methyl-
80-54-6	Benzenepropanal,4-(1,1-dimethylethyl)-.alpha.-methyl-
84-83-3	Acetaldehyde, (1,3-dihydro-1,3, 3-trimethyl-2H-indol-2-ylidene)
89-98-5	Benzaldehyde, 2-chloro-
90-02-8	Benzaldehyde, 2-hydroxy-
93-02-7	Benzaldehyde, 2,5-dimethoxy-
93-53-8	Benzeneacetaldehyde, .alpha.-methyl-
95-01-2	Benzaldehyde, 2,4-dihydroxy-
97-51-8	Benzaldehyde, 2-hydroxy-5-nitro-
98-01-1	2-Furancarboxaldehyde
98-03-3	2-Thiophenecarboxaldehyde
100-10-7	Benzaldehyde, 4-(dimethylamino)-
100-50-5	3-Cyclohexene-1-carboxaldehyde
100-52-7	Benzaldehyde
101-39-3	2-Propenal, 2-methyl-3-phenyl-
101-86-0	Octanal, 2-(phenylmethylene)-
103-95-7	Benzenepropanal, .alpha.-methyl-4-(1-methylethyl)-
104-09-6	Benzeneacetaldehyde, 4-methyl-
104-55-2	2-Propenal, 3-phenyl-
104-87-0	Benzaldehyde, 4-methyl-
104-88-1	Benzaldehyde, 4-chloro-
106-23-0	6-Octenal, 3,7-dimethyl-
106-26-3	2,6-Octadienal, 3,7-dimethyl-, (Z)-
106-72-9	5-Heptenal, 2,6-dimethyl-
107-02-8	2-Propenal
107-20-0	Acetaldehyde, chloro-
107-22-2	Ethanedial
107-75-5	Octanal, 7-hydroxy-3,7-dimethyl-
110-41-8	Undecanal, 2-methyl-
110-62-3	Pentanal
111-30-8	Pentanedial
111-71-7	Heptanal
112-31-2	Decanal
112-44-7	Undecanal
112-45-8	10-Undecenal

CAS No.	Substance
112-54-9	Dodecanal
120-14-9	Benzaldehyde, 3,4-dimethoxy-
120-21-8	Benzaldehyde, 4-(diethylamino)-
120-57-0	1,3-Benzodioxole-5-carboxaldehyde
121-32-4	Benzaldehyde, 3-ethoxy-4-hydroxy-
121-33-5	Benzaldehyde, 4-hydroxy-3-methoxy-
122-40-7	Heptanal, 2-(phenylmethylene)-
122-78-1	Benzeneacetaldehyde
123-05-7	Hexanal, 2-ethyl-
123-08-0	Benzaldehyde, 4-hydroxy-
123-11-5	Benzaldehyde, 4-methoxy-
123-38-6	Propanal
124-13-0	Octanal
124-19-6	Nonanal
126-15-8	4a(4H)-Dibenzofurancarboxaldehyde, 1,5a,6,9,9a,9b-hexahydro-
135-02-4	Benzaldehyde, 2-methoxy-
141-27-5	2,6-Octadienal, 3,7-dimethyl-, (E)-
143-14-6	9-Undecenal
455-19-6	Benzaldehyde, 4-(trifluoromethyl)-
505-57-7	02-Hexenal
552-89-6	Benzaldehyde, 2-nitro-
590-86-3	Butanal, 3-methyl-
597-31-9	Propanal, 3-hydroxy-2,2-dimethyl-
939-97-9	Benzaldehyde, 4-(1,1-dimethylethyl)-
1121-60-4	2-Pyridinecarboxaldehyde
1200-14-2	Benzaldehyde, 4-butyl
1331-92-6	2-Propenal, 3-phenyl-, monopentyl deriv.
1334-78-7	Benzaldehyde, methyl-
1423-46-7	3-Cyclohexene-1-carboxaldehyde, 2,4,6-trimethyl-
1504-74-1	2-Propenal, 3-(2-methoxyphenyl)-
2591-86-8	1-Piperidinecarboxaldehyde
3132-99-8	Benzaldehyde, 3-bromo-
3268-49-3	Propanal, 3-(methylthio)-
3613-30-7	Octanal, 7-methoxy-3,7-dimethyl-
4501-58-0	3-Cyclopentene-1-acetaldehyde, 2,2,3-trimethyl-
5435-64-3	Hexanal, 3,5,5-trimethyl-
5780-07-4	1,3-Benzodioxole-5-carboxaldehyde, 7-methoxy-
5949-05-3	6-Octenal, 3,7-dimethyl-, (S)-

CAS No.	Substance
5988-91-0	Octanal, 3,7-dimethyl-
10031-82-0	Benzaldehyde, 4-ethoxy-
13586-68-0	2-Propenal, 3- 4-(1,1-dimethylethyl)phenyl-2-methyl-
17754-90-4	Benzaldehyde, 4-(diethylamino)-2-hydroxy-
26266-68-2	Hexenal, 2-ethyl-
27939-60-2	3-Cyclohexene-1-carboxaldehyde, dimethyl-
28602-27-9	Benzaldehyde, (dimethylamino)-
31906-04-4	3-Cyclohexene-1-carboxaldehyde, 4-(4-hydroxy-4-methylpentyl)-
37677-14-8	3-Cyclohexene-1-carboxaldehyde, 4-(4-methyl-3-pentenyl)-
39515-51-0	Benzaldehyde, 3-phenoxy-
52475-86-2	3-Cyclohexene-1-carboxaldehyde, 1-methyl-4-(4-methyl-3-pentenyl)-
66327-54-6	3-Cyclohexene-1-carboxaldehyde, 1-methyl-4-(4-methylpentyl)-
Alkyl-, Chloro-, and Hydroxymethyl Diaryl Ethers	
3061-36-7	1,4-Diphenoxybenzene
3586-14-9	Benzene, 1-methyl-3-phenoxy-
13826-35-2	Benzenemethanol, 3-phenoxy-,
28299-41-4	Benzene, 1,1'-oxybis[methyl-
28984-89-6	1,1'-Biphenyl, phenoxy-
42874-96-4	2-Chloro-1-(3-methylphenoxy)-4-(trifluoromethyl)benzene
50594-77-9	Phenol, 3-[2-chloro-4-(trifluoromethyl)phenoxy]-, acetate
50789-44-1	Benzenemethanol, 3-phenoxy-, acetate
51632-16-7	Benzene, 1-(bromomethyl)-3-phenoxy-
61702-88-3	Benzene, 1,1'-oxybis[(1,1,3,3-tetramethylbutyl)-
63734-62-3	Benzoic acid, 3-[2-chloro-4-(trifluoromethyl)phenoxy]-,
69834-19-1	Benzene, 1,1'-oxybis[dodecyl-
72252-48-3	Benzoic acid, 3-[2-chloro-4-(trifluoromethyl)phenoxy]-, potassium salt
Alkylphenols, Alkylphenol ethoxylates, and Polyalkylphenols	
80-46-6	4-tert-Pentylphenol
88-18-6	2-tert-Butylphenol
94-06-4	4-(1-Methylbutyl)phenol
98-54-4	4-tert-Butylphenol
99-71-8	4-sec-Butylphenol
104-40-5	4-Nonylphenol
104-43-8	4-Dodecylphenol
136-81-2	Phenol, 2-pentyl-
140-66-9	Phenol, 4-(1,1,3,3-tetramethylbutyl)-
949-13-3	2-Octylphenol
1300-16-9	Nonylphenol (mixed isomers)

CAS No.	Substance
1322-69-6	(1,1,3,3-Tetramethylbutyl)phenol (mixed isomers)
1331-57-3	Dodecylphenol (mixed isomers)
1638-22-8	4-n-Butylphenol
1806-26-4	4-Octylphenol
1987-50-4	Phenol, 4-heptyl-
2315-66-4	Decaethylene glycol 4-isooctylphenyl ether
2446-69-7	Phenol, 4-hexyl-
2497-58-7	Hexaethylene glycol 4-isooctylphenyl ether
2589-78-8	Phenol, 4-hexadecyl-
3180-09-4	2-Butylphenol
3279-27-4	Phenol, 2-(1,1-dimethylpropyl)-
3884-95-5	2-(1,1,3,3-Tetramethylbutyl)phenol
9002-93-1	Polyethylene glycol 4-(tert-octyl)phenyl ether
9004-87-9	Poly(oxy-1,2-ethanediyl), α-(isooctylphenyl)-ω-hydroxy-
9014-92-0	Poly(oxy-1,2-ethanediyl), α-(dodecylphenyl)-ω-hydroxy-
9036-19-5	Polyethylene glycol mono(octyl)phenyl ether
9063-89-2	Poly(oxy-1,2-ethanediyl), α-(octylphenyl)-ω-hydroxy-
11066-49-2	Isononylphenol (mixed isomers)
14938-35-3	4-Pentylphenol
17404-66-9	4-(1-Methyloctyl)phenol
25154-52-3	Nonylphenol (mixed isomers)
25401-86-9	Phenol, 2-hexadecyl-
25735-67-5	Phenol, 4-sec-pentyl-
26401-47-8	Poly(oxy-1,2-ethanediyl), α-(4-dodecylphenyl)-ω-hydroxy-
26401-74-1	Phenol, 2-sec-pentyl-
27157-66-0	Phenol, decyl-
27178-34-3	tert-Butylphenol (mixed isomers)
27193-28-8	(1,1,3,3-Tetramethylbutyl)phenol (mixed isomers)
27193-86-8	Dodecylphenol (mixed isomers)
27985-70-2	(1-Methylheptyl)phenol (mixed isomers)
29932-96-5	(1,1,3,3-Tetramethylbutyl)phenol (mixed isomers)
30105-54-5	(1,1,3,3-Tetramethylbutyl)phenol (mixed isomers)
31195-95-6	Isobutylphenol (mixed isomers)
54932-78-4	4-(2,2,3,3-Tetramethylbutyl)phenol
59911-95-4	Poly(oxy-1,2-ethanediyl), α-(4-hexadecylphenyl)-ω-hydroxy-
61723-87-3	Poly(oxy-1,2-ethanediyl), α-(tridecylphenyl)-ω-hydroxy-
62744-41-6	(1,1,3,3-Tetramethylbutyl)phenol (mixed isomers)
68081-86-7	Phenol, nonyl derivs.

CAS No.	Substance
68784-24-7	Phenol, C18-30-alkyl derivs.
68891-67-8	Phenol, polypropene derivs.
68908-55-4	Phenol, polybutene derivs.
68954-70-1	Phenol, polyethyl derivs.
68987-90-6	Poly(oxy-1,2-ethanediyl), α-(octylphenyl)-ω-hydroxy-, branched
70682-80-3	Phenol, tetradecyl-
71902-25-5	Phenol, octenylated
72624-02-3	Phenol, heptyl derivs.
74499-35-7	Phenol, (tetrapropenyl) derivs.
84605-25-4	Phenol, 1-methylhexyl derivs.
84852-15-3	Branched 4-nonylphenol (mixed isomers)
91672-41-2	Phenol, 2-nonyl-, branched
112375-88-9	Phenol, polyisobutylene derivs.
112375-89-0	Phenol, poly(2,4,4-trimethylpentene) derivs
Alkyl phosphates	
78-40-0	Phosphoric acid, triethyl ester
78-42-2	Phosphoric acid, tris(2-ethylhexyl)ester
78-51-3	Ethanol, 2-butoxy-, phosphate (3:1)
107-66-4	Phosphoric acid, dibutyl ester
126-71-6	Phosphoric acid, tris(2-methylpropyl) ester
126-73-8	Phosphoric acid tributyl ester
298-07-7	Phosphoric acid, bis(2-ethylhexyl)ester
812-00-0	Phosphoric acid, monomethyl ester
1070-03-7	Phosphoric acid, mono(2-ethylhexyl)ester
1498-51-7	Phosphorodichloridic acid, ethylester
1623-15-0	Phosphoric acid, monobutyl ester
1623-24-1	Phosphoric acid, mono(1-methylethyl)ester
2958-09-0	Phosphoric acid, monooctadecyl ester
3900-04-7	Phosphoric acid, monohexyl ester
3991-73-9	Phosphoric acid, monooctyl ester
7057-92-3	Phosphoric acid, didodecyl ester
7332-46-9	Ethanol, 2-(2-butoxyethoxy)-, phosphate (3:1)
12645-31-7	Phosphoric acid, 2-ethylhexyl ester
12751-23-4	Phosphoric acid, dodecyl ester
27215-10-7	Phosphoric acid, diisooctyl ester
Brominated flame retardants	
87-10-5	Benzamide, 3,5-dibromo-N-(4-bromophenyl)-2-hydroxy-
87-83-2	Benzene, pentabromomethyl-

CAS No.	Substance
87-84-3	Cyclohexane,1,2,3,4,5-pentabromo-6-chloro-
96-13-9	1-Propanol, 2,3-dibromo-
593-60-2	Ethene, bromo-
615-58-7	Phenol, 2,4-dibromo-
4162-45-2	Ethanol,2,2'-((1-methylethylidene)bis((2,6-dibromo-4,1-phenylene)oxy))bis-
25327-89-3	Benzene, 1,1'-(1-methylethylidene)bis(3,5-dibromo-4-(2-propenyloxy)-
30554-72-4	Cyclohexane, tetrabromodichloro-
30554-73-5	Cyclohexane, tribromotrichloro-
36483-57-5	1-Propanol, 2,2-dimethyl-, tribromo deriv.
55205-38-4	2-Propenoic acid, (1-methylethylidene)bis(2,6-dibromo-4,1-phenylene) ester
68955-41-9	Alkanes, C10-18, bromochloro-
69882-11-7	Phenol, 2,4(or 2,6)-dibromo-, homopolymer
88497-56-7	Benzene, ethenyl-, homopolymer, brominated
Chloralkyl phosphates	
34621-99-3	1,2-Ethanediyltetrakis(2-chloro-1-methylethylene) phosphate
38051-10-4	2,2-Bis(chloromethyl)-1,3-propanediyltetrakis(2-chloroethyl) phosphate
53461-82-8	Oxydi-2,1-ethanediyltetrakis(2-chloroethyl) phosphate
76649-15-5	2-Chloro-1-methylethylbis(2-chloropropyl) phosphate
Cyanoacrylates	
137-05-3	2-Propenoic acid, 2-cyano-, methyl ester
1069-55-2	2-Propenoic acid, 2-cyano-, isobutyl ester
6197-30-4	2-Propenoic acid, 2-cyano-3,3-diphenyl-, 2-ethylhexyl ester
6606-65-1	2-Propenoic acid, 2-cyano-, butyl ester
7085-85-0	2-Propenoic acid, 2-cyano-, ethyl ester
7324-02-9	2-Propenoic acid, 2-cyano-, 2-propenyl ester
10586-17-1	2-Propenoic acid, 2-cyano-, 1-methylethyl ester
21982-43-4	2-Propenoic acid, 2-cyano-, ethoxyethyl ester
23023-91-8	2-Propenoic acid, 2-cyano-, 2,2,2-trifluoromethyl ester
27816-23-5	2-Propenoic acid, 2-cyano-, 2-methoxyethyl ester
64992-16-1	Ethanaminium, 2-[[2-cyano-3-[4-(diethylamino)phenyl]-1-oxo-2-propenyl]oxy]-N,N,N-trimethyl-, chloride
Indium Chemicals	
923-34-2	Triethylindium
1303-11-3	Indium arsenide
1312-41-0	Indium antimonide
1312-43-2	Indium (III) oxide
1312-45-4	Indium (III) telluride
4194-69-8	Indium (III) citrate
7440-74-6	Indium

CAS No.	Substance
7783-52-0	Indium (III) fluoride
10025-82-8	Indium (III) chloride
12018-95-0	Copper indium diselenide
12030-14-7	Indium (II) sulfide
12030-24-9	Indium (III) sulfide
12056-07-4	Indium selenide
12672-70-7	Indium chloride
12672-71-8	Indium oxide
13464-82-9	Indium (III) sulfate
13465-09-3	Indium (III) bromide
13465-10-6	Indium (I) chloride
13510-35-5	Indium (III) iodide
13709-93-8	Indium (III) borate
13770-61-1	Indium (III) nitrate
13966-94-4	Indium (I) iodide
14166-78-0	Indium (III) fluoride
14280-53-6	Indium (I) bromide
14405-45-9	Indium tris(acetylacetonate)
20661-21-6	Indium (III) hydroxide
22398-80-7	Indium (I) phosphide
25114-58-3	Indium (III) acetate
25617-98-5	Indium nitride
27765-48-6	Indium (III) tetrafluoroborate
50926-11-9	Indium tin oxide
55326-87-9	Indium hydroxide
66027-93-8	Indium (III) sulfamate
66027-94-9	Hydroxybis(trifluoroacetato-O)indium
67816-06-2	Indium (III) 2-ethylhexanoate
68310-35-0	Indium (III) neodecanoate
71243-84-0	Indium tin oxide (In _{1.69} Sn _{0.1502} O _{2.85})
IRIS Chemicals	
51-28-5	2,4 Dinitrophenol
95-65-8	3,4 Dinethylphenol
Isocyanates	
91-97-4	1,1'-Biphenyl, 4,4'-diisocyanato-3,3'-dimethyl-
100-28-7	Benzene, 1-isocyanato-4-nitro-
101-68-8	Benzene, 1,1'-methylenebis(4-isocyanato-
102-36-3	Benzene, 1,2-dichloro-4-isocyanato-

CAS No.	Substance
103-71-9	Benzene, isocyanato-
104-12-1	Benzene, 1-chloro-4-isocyanato-
104-49-4	Benzene, 1,4-diisocyanato-
109-90-0	Ethane, isocyanato-
110-78-1	Propane, 1-isocyanato-
111-36-4	Butane, 1-isocyanato-
112-96-9	Octadecane, 1-isocyanato-
123-61-5	Benzene, 1,3-diisocyanato-
329-01-1	Benzene, 1-isocyanato-3-(trifluoromethyl)-
614-68-6	Benzene, 1-isocyanato-2-methyl-
622-58-2	Benzene, 1-isocyanato-4-methyl-
624-83-9	Methane, isocyanato-
1476-23-9	1-Propene, 3-isocyanato-
2422-91-5	Benzene, 1,1',1''-methylidynetris(4-isocyanato-
2493-02-9	Benzene, 1-bromo-4-isocyanato-
2909-38-8	Benzene, 1-chloro-3-isocyanato-
2949-22-6	Acetic acid, isocyanato-, ethyl ester
3173-53-3	Cyclohexane, isocyanato-
4035-89-6	Imidodicarbonic diamide,N,N',2-tris(6-isocyanatohexyl)-
4098-71-9	Cyclohexane, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethyl-
4151-51-3	Phenol, 4-isocyanato-, phosphorothioate (3:1) (ester)
5124-30-1	Cyclohexane, 1,1'-methylenebis(4-isocyanato-
5873-54-1	Benzene, 1-isocyanato-2-((4-isocyanatophenyl)methyl)-
10031-75-1	Benzene, 1,1'-(diisocyanatomethylene)bis-
15646-96-5	Hexane, 1,6-diisocyanato-2,4,4-trimethyl-
16938-22-0	Hexane, 1,6-diisocyanato-2,2,4-trimethyl-
25854-16-4	Benzene, bis(isocyanatomethyl)-
26447-40-5	Benzene, 1,1'-methylenebis(isocyanato-
26603-40-7	1,3,5-Triazine-2,4,6(1H,3H,5H-trione, 1,3,5-tris(3-isocyanatomethylphenyl)-
26747-90-0	1,3-Diazetidinedione, 1,3-bis(3-isocyanatomethylphenyl)-
28178-42-9	Benzene, 2-isocyanato-1,3-bis(1-methylethyl)-
28556-81-2	Benzene, 2-isocyanato-1,3-dimethyl-
30674-80-7	2-Propenoic acid, 2-methyl-,2-isocyanatoethyl ester
34893-92-0	Benzene, 1,3-dichloro-5-isocyanato-
68239-06-5	Cyclohexane, 2-heptyl-3,4-bis(9-isocyanatononyl)-1-pentyl-
73597-26-9	2-Propenoic acid, 2-methyl-, 2-((((5-isocyanato-1,3,3-trimethylcyclohexyl) methyl)amino)carbonyl)oxy)ethyl
Methyl ethylene glycol ethers and esters	
3121-61-7	Ethylene glycol monomethyl ether acrylate

CAS No.	Substance
23783-42-8	Tetraethylene glycol monomethyl ether
Nonylphenol ethoxylates	
7311-27-5	Ethanol, 2-[2-[2-(p-nonylphenoxy)ethoxy]ethoxy]ethoxy]-
9016-45-9	Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy-
20427-84-3	Ethanol, 2-[2-(p-nonylphenoxy)ethoxy]-
20636-48-0	3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-
26027-38-3	Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-
26264-02-8	3,6,9,12-Tetraoxatetradecan-1-ol, 14-(nonylphenoxy)-
26571-11-9	3,6,9,12,15,18,21,24-Octaoxahexacosan-1-ol, 26-(nonylphenoxy)-
27176-93-8	Ethanol, 2-[2-(nonylphenoxy)ethoxy]-
27177-01-1	3,6,9,12,15-Pentaoxaheptadecan-1-ol, 17-(nonylphenoxy)-
27177-05-5	3,6,9,12,15,18,21-Heptaoxatricosan-1-ol, 23-(nonylphenoxy)-
27177-08-8	3,6,9,12,15,18,21,24,27-Nonaoxanonacosan-1-ol, 29-(nonylphenoxy)-
27986-36-3	Ethanol, 2-(nonylphenoxy)-
37205-87-1	Poly(oxy-1,2-ethanediyl), alpha-(isononylphenyl)-omega-hydroxy-
51938-25-1	Poly(oxy-1,2-ethanediyl), alpha-(2-nonylphenyl)-omega-hydroxy-
65455-72-3	3,6,9,12,15,18,21,24,27-Nonaoxanonacosan-1-ol, 29-(isononylphenoxy)-
68412-54-4	Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy-, branched
98113-10-1	NP9
127087-87-0	Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched
152143-22-1	Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched, phosphates
OSHA Chemicals in Need of Dermal Absorption Testing	
60-29-7	Ethyl ether
61-82-5	Amitrole
74-96-4	Ethyl bromide
75-05-8	Acetonitrile
75-12-7	Formamide
75-15-0	Carbon disulfide
75-25-2	Bromoform
75-34-3	1,1-Dichloroethane
75-35-4	Vinylidene chloride
75-65-0	tert-Butyl alcohol
76-22-2	Camphor
77-73-6	Dicyclopentadiene
77-78-1	Dimethyl sulfate
78-59-1	Isophorone
78-87-5	Propylene dichloride
78-92-2	sec-Butyl alcohol

CAS No.	Substance
79-20-9	Methyl acetate
79-46-9	2-Nitropropane
88-72-2	o-Nitrotoluene
89-72-5	o-sec-Butylphenol
90-04-0	o-Anisidine
91-20-3	Naphthalene
92-52-4	Biphenyl
95-13-6	Indene
95-49-8	o-Chlorotoluene
95-50-1	o-Dichlorobenzene
96-18-4	1,2,3-Trichloropropane
97-77-8	Disulfiram
98-29-3	t-Butylcatechol
99-08-1	m-Nitrotoluene
99-65-0	m-Dinitrobenzene
99-99-0	p-Nitrotoluene
100-00-5	p-Nitrochlorobenzene
100-01-6	p-Nitroaniline
100-44-7	Benzyl chloride
100-25-4	p-Dinitrobenzene
100-63-0	Phenylhydrazine
105-46-4	sec-Butyl acetate
106-42-3	p-Xylene
106-46-7	p-Dichlorobenzene
106-49-0	p-Toluidine
107-06-2	Ethylene dichloride
107-31-3	Methyl formate
107-66-4	Dibutyl phosphate
108-03-2	1-Nitropropane
108-44-1	m-Toluidine
108-87-2	Methylcyclohexane
108-90-7	Chlorobenzene
108-93-0	Cyclohexanol
109-66-0	Pentane
109-99-9	Tetrahydrofuran
110-12-3	Methyl isoamyl ketone
110-83-8	Cyclohexene
111-84-2	Nonane

CAS No.	Substance
120-80-9	Catechol
121-14-2	2,4-Dinitrotoluene
121-69-7	Dimethylaniline
122-39-4	Diphenylamine
123-42-2	Diacetone alcohol
123-92-2	Isoamyl acetate
126-99-8	beta-Chloroprene
127-19-5	Dimethyl acetamide
142-82-5	Heptane (<i>n</i> -Heptane)
150-76-5	p-Methoxyphenol
287-92-3	Cyclopentane
528-29-0	o-Dinitrobenzene
532-27-4	a-Chloroacetophenone
540-59-0	1,2-Dichloroethylene
540-88-5	<i>tert</i> -Butyl acetate
542-92-7	Cyclopentadiene
626-17-5	m-Phthalodinitrile
628-63-7	<i>n</i> -Amyl acetate
768-52-5	N-Isopropylaniline
1300-73-8	Xylidine
6423-43-4	Propylene glycol dinitrate
7631-90-5	Sodium bisulfite
7681-57-4	Sodium metabisulfite
25013-15-4	Vinyl toluene
34590-94-8	Dipropylene glycol methyl ether
Propylene glycol ethers and esters	
108-65-6	Propylene glycol monomethyl ether acetate
110-98-5	Dipropylene glycol
770-35-4	1-Phenoxy-2-propanol
20324-32-7	1-(2-Methoxy-1-methylethoxy)-2-propanol
20324-33-8	Tripropylene glycol methyl ether
28677-93-2	Methoxy-1-propanol
29387-86-8	Propylene glycol monobutyl ether
29911-28-2	Dipropylene glycol butyl ether
42978-66-5	Tripropylene glycol diacrylate
57018-52-7	Propylene glycol mono- <i>tert</i> -butyl ether
88917-22-0	Dipropylene glycol monomethyl ether acetate
Pyridinamines	

CAS No.	Substance
462-08-8	3-Pyridinamine
504-24-5	4-Pyridinamine
504-29-0	2-Pyridinamine
Siloxanes	
107-46-0	Hexamethyldisiloxane
107-50-6	Tetradecamethylcycloheptasiloxane
107-51-7	Octamethyltrisiloxane
107-52-8	Tetradecamethylhexasiloxane
107-53-9	Tetracosamethylundecasiloxane
141-62-8	Decamethyltetrasiloxane
141-63-9	Dodecamethylpentasiloxane
540-97-6	Dodecamethylcyclohexasiloxane
541-01-5	Hexadecamethylheptasiloxane
541-02-6	Decamethylcyclopentasiloxane
541-05-9	Hexamethylcyclotrisiloxane
546-56-5	Octaphenylcyclotetrasiloxane
556-67-2	Octamethylcyclotetrasiloxane
556-68-3	Hexadecamethylcyclooctasiloxane
556-69-4	Octadecamethyloctasiloxane
556-70-7	Docosamethyldecasiloxane
556-71-8	Octadecamethylcyclononasiloxane
999-97-3	Hexamethyldisilazane
2370-88-9	Tetramethylcyclotetrasiloxane
2374-14-3	Trifluoropropylmethylcyclotrisiloxane
2471-08-1	Hexacosamethyldodecasiloxane
2471-09-2	Octacosamethyltridecasiloxane
2471-10-5	Triacontanethyltetradecasiloxane
2471-11-6	Dotriacontamethylpentadecasiloxane
2554-06-5	Methylvinylcyclosiloxane
2627-95-4	Tetramethyldivinylsiloxane
2652-13-3	Eicosamethylnonasiloxane
70131-67-8	Siloxanes and silicones, di-Me, hydroxy-terminated
9004-73-3	Methylpolysiloxane
18766-38-6	Docosamethylcycloundecasiloxane
18772-36-6	Eicosamethylcyclodecasiloxane
18844-04-7	Hexatriacontamethylheptadecasiloxane
18919-94-3	Tetracosamethylcyclododecasiloxane
23523-12-8	Hexatriacontamethylcyclooctadecasiloxane

CAS No.	Substance
23523-14-0	Triacontamethylcyclopentadecasiloxane
23732-94-7	Hexacosamethylcyclotridecasiloxane
36938-50-8	Tetratriacontamethyl hexadecasiloxane
36938-52-0	Octatriacontamethyl octadecasiloxane
63148-62-9	Dimethyl silicones and siloxanes
67762-90-7	Dimethyl silicones and siloxane, reaction products with silica
67762-94-1	Dimethylmethylvinylsiloxane
68037-59-2	Dimethylhydropolysiloxane
68037-74-1	Dimethylpolysiloxanes
68083-14-7	Dimethyldiphenylsiloxane
69430-24-6	Cyclopolydimethylsiloxane
115361-68-7	Dimethylmethyl 3,3,3-trifluoropropyl siloxane
149050-40-8	Octacosamethylcyclotetradecasiloxane
150026-95-2	Dotriacontamethylcyclohexadecasiloxane
150026-96-3	Tetratriacontamethylcycloheptadecasiloxane
150026-97-4	Octatriacontamethylcyclononadecasiloxane
150026-98-5	Tetracontamethylcycloeicosasiloxane
150026-99-6	Tetracontamethylnonadecasiloxane
150027-00-2	Dotetracontamethyleicosasiloxane
not available	Polymethyloctadecylsiloxane
Substantially produced chemicals in need of subchronic tests	
80-51-3	p,p'-Oxybis(benzenesulfonylhydrazide)
81-84-5	Naphthalenedicarboxylic anhydride
84-51-5	2-Ethylanthraquinone
87-02-5	7-Amino-4-hydroxy-2-naphthalenesulfonic acid
90-15-3	1-Naphthol
92-70-6	3-Hydroxy-2-naphthoic acid
94-28-0	Triethylene glycol bis(2-ethylhexanoate)
95-32-9	2-(4-Morpholinylthio)-benzothiazole
97-88-1	N-Butyl methacrylate
98-48-6	1,3-Benzenedisulfonic Acid
99-54-7	3,4-Dichloronitrobenzene
99-63-8	Isophthaloyl chloride
100-20-9	Terephthaloyl chloride
100-29-8	4-Ethoxynitrobenzene
102-01-2	Acetoacetanilide
106-31-0	Butyric anhydride

CAS No.	Substance
106-63-8	Isobutyl acrylate
111-96-6	Diethylene glycol dimethyl ether
112-15-2	Ethanol, 2-(2-ethoxyethoxy)-, acetate
116-81-4	Bromamine acid
119-33-5	4-Methyl-2-nitro-phenol
121-60-8	4-(Acetylamino)benzenesulfonyl chloride
123-54-6	2,4-Pentanedione
123-62-6	Propanoic anhydride
142-16-5	Bis(2-ethylhexyl)-2-butenedioate
311-89-7	Perfluorotributylamine
355-42-0	Perfluoro-N-hexane
594-42-3	Trichloromethanesulfonyl chloride
616-21-7	1,2-Dichlorobutane
626-17-5	1,3-Dicyanobenzene
760-23-6	3,4-Dichlorobutene
929-06-6	2-(2-Aminoethoxy)-ethanol
1047-16-1	Quinacridone
1111-78-0	Ammonium carbamate
3089-11-0	Hexa(methoxymethyl) melamine
Sulphones	
67-71-0	Dimethylsulfone
77-79-2	3-Sulfolene
80-07-9	Sulfonyl bis-(4-chlorobenzene)
80-08-0	4,4'-Diaminodiphenyl sulfone
80-09-1	Bisphenol S
98-30-6	2-Amino-4-(methylsulfonyl)phenol
126-33-0	Sulfolane
127-63-9	Diphenylsulfone
2580-77-0	2,2'-Sulfonyl bis-ethanol
3278-22-6	1,1'-[Methylene bis(sulfonyl)]bisethene
5246-57-1	2-[(3-Aminophenyl)sulfonyl]ethanol
16588-67-3	3-[N-Ethyl-4-[[6-(methylsulfonyl)-2-benzothiazolyl] azo]-m-toluidino]- propionitrile
17557-67-4	6-(Methylsulfonyl)-2-benzothiazolamine
17601-96-6	2-Amino-4-[(2-hydroxyethyl) sulfonyl]phenol
17688-68-5	4-Phenylthiomorpholine, 1,1-dioxide
17741-62-7	4-[4-[(2,6-Dichloro-4-nitrophenyl) azo]phenyl]thiomorpholine, 1,1-dioxide-
18760-44-6	3-(Decyloxy)tetrahydrothiophene 1,1-dioxide
20018-09-1	1-(Diiodomethyl) sulfonyl-4-methyl benzene

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CAS No.	Substance
7718-98-1	Vanadium chloride (VCl ₃) [Vanadium trichloride]
7727-18-6	Vanadium, trichlorooxo-, (T-4)- [Vanadium oxytrichloride]
7803-55-6	Vanadate (VO ₃ ¹⁻), ammonium [Ammonium metavanadate]
10049-16-8	Vanadium fluoride (VF ₄) [Vanadium tetrafluoride]
10213-09-9	Vanadium, dichlorooxo- [Vanadyl dichloride]
10580-52-6	Vanadium chloride (VCl ₂) [Vanadium dichloride]
11099-11-9	Vanadium oxide [Polyvanadic acid]
11115-67-6	Ammonium vanadium oxide
11130-21-5	Vanadium carbide
12007-37-3	Vanadium boride (VB ₂)
12035-98-2	Vanadium oxide (VO)
12036-21-4	Vanadium oxide (VO ₂)
12070-10-9	Vanadium carbide (VC)
12083-48-6	Vanadium, dichlorobis (.eta.5-2,4-cyclopentadien-1-yl)-
12166-27-7	Vanadium sulfide (VS)
12439-96-2	Vanadium, oxo[sulfato(2-)-.kappa.O]-, pentahydrate [Vanadyl sulfate (VOSO ₄), pentahydrate]
12604-58-9	Vanadium alloy, base, V,C,Fe (Ferrovanadium)
13470-26-3	Vanadium bromide (VBr ₃)
13476-99-8	Vanadium, tris(2,4-pentanedionato-.kappa.O,.kappa.O')-, (OC-6-11)- [Vanadium tris(acetylacetonate)]
13497-94-4	Silver vanadium oxide (AgVO ₃)
13517-26-5	Sodium vanadium oxide (Na ₄ V ₂ O ₇) [Sodium pyrovanadate]
13718-26-8	Vanadate (VO ₃ ¹⁻), sodium [Sodium metavanadate]
13721-39-6	Sodium vanadium oxide (Na ₃ VO ₄) [Sodium orthovanadate]
13769-43-2	Vanadate (VO ₃ ¹⁻), potassium [Potassium metavanadate]
13930-88-6	Vanadium, oxo[29H,31H-phthalocyaninato(2-)-.kappa.N ₂₉ ,.kappa.N ₃₀ ,.kappa.N ₃₁ ,.kappa.N ₃₂]-, (SP-5-12)-
14059-33-7	Bismuth vanadium oxide (BiVO ₄)
19120-62-8	Vanadium, tris(2-methyl-1-propanolato)oxo-, (T-4)- [Isobutyl orthovanadate]
24646-85-3	Vanadium nitride (VN)
27774-13-6	Vanadium, oxo[sulfato(2-)-.kappa.O]- [Vanadyl sulfate]
30486-37-4	Vanadium hydroxide oxide (V(OH) ₂ O)
39455-80-6	Ammonium sodium vanadium oxide
53801-77-7	Bismuth vanadium oxide
65232-89-5	Vanadium hydroxide oxide phosphate
68130-18-7	Vanadium hydroxide oxide phosphate (V ₆ (OH) ₃ O ₃ (PO ₄) ₇)
68815-09-8	Naphthenic acids, vanadium salts
68990-29-4	Balsams, copaiba, sulfurized, vanadium salts
Voluntary HPV Challenge Program orphan (unsponsored) chem	
62-56-6	Thiourea

CAS No.	Substance
77-76-9	Propane, 2,2-dimethoxy-
81-07-2	1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide
81-16-3	1-Naphthalenesulfonic acid, 2-amino-
81-84-5	1H,3H-Naphtho[1,8-cd]pyran-1,3-dione
83-41-0	Benzene, 1,2-dimethyl-3-nitro-
84-69-5	1,2-Benzenedicarboxylic acid, bis(2-methylpropyl) ester
85-40-5	1H-Isoindole-1,3(2H)-dione, 3a,4,7,7a-tetrahydro-
91-68-9	Phenol, 3-(diethylamino)-
94-96-2	1,3-Hexanediol, 2-ethyl-
96-22-0	3-Pentanone
97-00-7	Benzene, 1-chloro-2,4-dinitro-
98-09-9	Benzenesulfonyl chloride
98-16-8	Benzenamine, 3-(trifluoromethyl)-
98-56-6	Benzene, 1-chloro-4-(trifluoromethyl)-
101-34-8	9-Octadecenoic acid, 12-(acetyloxy)-, 1,2,3-propanetriyl ester, (9Z,9'Z,9'',12R,12'R,12'')-
104-66-5	Benzene, 1,1'-[1,2-ethanediylbis(oxy)]bis-
104-93-8	Benzene, 1-methoxy-4-methyl-
107-39-1	1-Pentene, 2,4,4-trimethyl-
107-40-4	2-Pentene, 2,4,4-trimethyl-
110-18-9	1,2-Ethanediamine, N,N,N',N'-tetramethyl-

CAS No.	Substance
110-33-8	Hexanedioic acid, dihexyl ester
111-44-4	Ethane, 1,1'-oxybis[2-chloro-
111-85-3	Octane, 1-chloro-
111-91-1	Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-
118-90-1	Benzoic acid, 2-methyl-
119-33-5	Phenol, 4-methyl-2-nitro-
121-69-7	Benzenamine, N,N-dimethyl-
121-82-4	1,3,5-Triazine, hexahydro-1,3,5-trinitro-
124-63-0	Methanesulfonyl chloride
127-68-4	Benzenesulfonic acid, 3-nitro-, sodium salt
131-57-7	Methanone, (2-hydroxy-4-methoxyphenyl)phenyl-
137-20-2	Ethanesulfonic acid, 2-[methyl[(9Z)-1-oxo-9-octadecenyl]amino]-, sodium salt
138-25-0	1,3-Benzenedicarboxylic acid, 5-sulfo-, 1,3-dimethyl ester
139-40-2	1,3,5-Triazine-2,4-diamine, 6-chloro-N,N'-bis(1-methylethyl)-
140-93-2	Carbonodithioic acid, O-(1-methylethyl) ester, sodium salt
142-73-4	Glycine, N-(carboxymethyl)-
330-54-1	Urea, N'-(3,4-dichlorophenyl)-N,N-dimethyl-
460-00-4	Benzene, 1-bromo-4-fluoro-
506-51-4	1-Tetracosanol
506-52-5	1-Hexacosanol
513-74-6	Carbamodithioic acid, monoammonium salt

CAS No.	Substance
515-40-2	Benzene, (2-chloro-1,1-dimethylethyl)-
529-33-9	1-Naphthalenol, 1,2,3,4-tetrahydro-
529-34-0	1(2H)-Naphthalenone, 3,4-dihydro-
542-92-7	1,3-Cyclopentadiene
557-61-9	1-Octacosanol
563-72-4	Ethanedioic acid, calcium salt (1:1)
590-19-2	1,2-Butadiene
592-45-0	1,4-Hexadiene
598-72-1	Propanoic acid, 2-bromo-
617-94-7	Benzenemethanol, .alpha.,.alpha.-dimethyl-
628-13-7	Pyridine, hydrochloride
628-96-6	1,2-Ethanediol, dinitrate
645-62-5	2-Hexenal, 2-ethyl-
693-95-8	Thiazole, 4-methyl-
756-80-9	Phosphorodithioic acid, O,O-dimethyl ester
870-72-4	Methanesulfonic acid, hydroxy-, monosodium salt
928-72-3	Glycine, N-(carboxymethyl)-, disodium salt
939-97-9	Benzaldehyde, 4-(1,1-dimethylethyl)-
1000-82-4	Urea, (hydroxymethyl)-
1002-69-3	Decane, 1-chloro-

CAS No.	Substance
1111-78-0	Carbamic acid, monoammonium salt
1401-55-4	Tannins
1445-45-0	Ethane, 1,1,1-trimethoxy-
1498-51-7	Phosphorodichloridic acid, ethyl ester
1738-25-6	Propanenitrile, 3-(dimethylamino)-
1912-24-9	1,3,5-Triazine-2,4-diamine, 6-chloro-N-ethyl-N'-(1-methylethyl)-
2152-64-9	Benzenamine, N-phenyl-4-[[4-(phenylamino)phenyl][4-(phenylimino)-2,5-cyclohexadien-1-ylidene]methyl]-, m
2210-79-9	Oxirane, [(2-methylphenoxy)methyl]-
2372-45-4	1-Butanol, sodium salt
2409-55-4	Phenol, 2-(1,1-dimethylethyl)-4-methyl-
2425-54-9	Tetradecane, 1-chloro-
2494-89-5	Ethanol, 2-[(4-aminophenyl)sulfonyl]-, hydrogen sulfate (ester)
2524-03-0	Phosphorochloridothioic acid, O,O-dimethyl ester
2691-41-0	1,3,5,7-Tetrazocine, octahydro-1,3,5,7-tetranitro-
2814-20-2	4(1H)-Pyrimidinone, 6-methyl-2-(1-methylethyl)-
2905-62-6	Benzoyl chloride, 3,5-dichloro-
2915-53-9	2-Butenedioic acid (2Z)-, dioctyl ester
3039-83-6	Ethenesulfonic acid, sodium salt
3132-99-8	Benzaldehyde, 3-bromo-
3386-33-2	Octadecane, 1-chloro-
3779-63-3	1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(6-isocyanatohexyl)-

CAS No.	Substance
3965-55-7	1,3-Benzenedicarboxylic acid, 5-sulfo-, 1,3-dimethyl ester, sodium salt
4035-89-6	Imidodicarbonic diamide, N,N',2-tris(6-isocyanatohexyl)-
4170-30-3	2-Butenal
4316-73-8	Glycine, N-methyl-, monosodium salt
4860-03-1	Hexadecane, 1-chloro-
5026-74-4	Oxiranemethanamine, N-[4-(oxiranylmethoxy)phenyl]-N-(oxiranylmethyl)-
5216-25-1	Benzene, 1-chloro-4-(trichloromethyl)-
5460-09-3	2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-, monosodium salt
5915-41-3	1,3,5-Triazine-2,4-diamine, 6-chloro-N-(1,1-dimethylethyl)-N'-ethyl-
6473-13-8	2-Naphthalenesulfonic acid, 6-[(2,4-diaminophenyl)azo]-3-[[4-[[4-[[7-[(2,4-diaminophenyl)azo]-1-hydroxy-3-sulfo-2-naphthalenyl]azo]phenyl], trisodium salt
7795-95-1	1-Octanesulfonyl chloride
8001-58-9	Creosote
10265-69-7	Glycine, N-phenyl-, monosodium salt
13749-94-5	Ethanimidothioic acid, N-hydroxy-, methyl ester
13826-35-2	Benzenemethanol, 3-phenoxy-
17103-31-0	Urea, sulfate (2:1)
17321-47-0	Phosphoramidothioic acid, O,O-dimethyl ester
17976-43-1	2,4,6,8,3,5,7-Benzotetraoxatriplumbacycloundecin-3,5,7-triylidene, 1,9-dihydro-1,9-dioxo-
19438-61-0	1,3-Isobenzofurandione, 5-methyl-
19525-59-8	Glycine, N-phenyl-, monopotassium salt

CAS No.	Substance
20068-02-4	2-Butenenitrile, 2-methyl-, (2Z)-
20227-53-6	Phosphorous acid, 2-(1,1-dimethylethyl)-4-[1-[3-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-methylethyl]phenyl bi
21351-39-3	Urea, sulfate (1:1)
22527-63-5	Propanoic acid, 2-methyl-, 3-(benzoyloxy)-2,2,4-trimethylpentyl ester
24615-84-7	2-Propenoic acid, 2-carboxyethyl ester
24794-58-9	Formic acid, compd. with 2,2',2[ethanol] (1:1)
25154-38-5	Piperazineethanol
25168-05-2	Benzene, chloromethyl-
25168-06-3	Phenol, (1-methylethyl)-
25321-41-9	Benzenesulfonic acid, dimethyl-
25383-99-7	Octadecanoic acid, 2-(1-carboxyethoxy)-1-methyl-2-oxoethyl ester, sodium salt
25646-71-3	Methanesulfonamide, N-[2-[(4-amino-3-methylphenyl)ethylamino]ethyl]-, sulfate (2:3)
26377-29-7	Phosphorodithioic acid, O,O-dimethyl ester, sodium salt
26401-27-4	Phosphorous acid, isooctyl diphenyl ester
26680-54-6	2,5-Furandione, dihydro-3-(octenyl)-
27193-28-8	Phenol, (1,1,3,3-tetramethylbutyl)-
28106-30-1	Benzene, ethenylethyl-
28188-24-1	Octadecanoic acid, 2-(hydroxymethyl)-2-[[[(1-oxooctadecyl)oxy]methyl]-1,3-propanediyl ester
28908-00-1	Benzothiazole, 2-[(chloromethyl)thio]-
30574-97-1	2-Butenenitrile, 2-methyl-, (2E)-

CAS No.	Substance
34689-46-8	Phenol, methyl-, sodium salt
35203-06-6	Benzenamine, 2-ethyl-6-methyl-N-methylene-
35203-08-8	Benzenamine, 2,6-diethyl-N-methylene-
37734-45-5	Carbonochloridothioic acid, S-(phenylmethyl) ester
37764-25-3	Acetamide, 2,2-dichloro-N,N-di-2-propenyl-
38185-06-7	Benzenesulfonic acid, 4-chloro-3,5-dinitro-, potassium salt
38321-18-5	Ethanol, 2-(2-butoxyethoxy)-, sodium salt
39515-51-0	Benzaldehyde, 3-phenoxy-
40630-63-5	1-Octanesulfonyl fluoride
40876-98-0	Butanedioic acid, oxo-, diethyl ester, ion(1-), sodium
51632-16-7	Benzene, 1-(bromomethyl)-3-phenoxy-
52184-19-7	Phenol, 2,4-bis(1,1-dimethylpropyl)-6-[(2-nitrophenyl)azo]-
52556-42-0	1-Propanesulfonic acid, 2-hydroxy-3-(2-propenyloxy)-, monosodium salt
52663-57-7	Ethanol, 2-butoxy-, sodium salt
56803-37-3	Phosphoric acid, (1,1-dimethylethyl)phenyl diphenyl ester
57693-14-8	Chromate(3-), bis[3-(hydroxy-.kappa.O)-4-[[2-(hydroxy-.kappa.O)-1-naphthalenyl]azo-.kappa.N1]-7-nitro-1-nap
61788-44-1	Phenol, styrenated
61788-76-9	Alkanes, chloro
61789-85-3	Sulfonic acids, petroleum
63302-49-8	Phosphorochloridous acid, bis(4-nonylphenyl) ester
64743-02-8	Alkenes, C>10 .alpha.-

CAS No.	Substance
64743-03-9	Phenols (petroleum)
65996-79-4	Solvent naphtha (coal)
65996-82-9	Tar oils, coal
65996-83-0	Extracts, coal tar oil alk.
65996-86-3	Extract oils (coal), tar base
65996-87-4	Extract residues (coal), tar oil alk.
65996-89-6	Tar, coal, high-temp.
65996-91-0	Distillates (coal tar), upper
65996-92-1	Distillates (coal tar)
68081-86-7	Phenol, nonyl derivs.
68082-78-0	Lard, oil, Me esters
68153-60-6	Fatty acids, tall-oil, reaction products with diethylenetriamine, acetates
68187-41-7	Phosphorodithioic acid, O,O-di-C1-14-alkyl esters
68187-57-5	Pitch, coal tar-petroleum
68187-59-7	Coal, anthracite, calcined
68188-18-1	Paraffin oils, chlorosulfonated, saponified
68308-74-7	Amides, tall-oil fatty, N,N-di-Me
68309-16-0	Fatty acids, tall-oil, 2-(2-hydroxyethoxy)ethyl esters
68309-27-3	Fatty acids, tall-oil, sulfonated, sodium salts
68334-01-0	Disulfides, alkylaryl dialkyl diaryl, petroleum refinery spent caustic oxidn. products

CAS No.	Substance
68441-66-7	Decanoic acid, mixed esters with dipentaerythritol, octanoic acid and valeric acid
68442-60-4	Acetaldehyde, reaction products with formaldehyde, by-products from
68442-77-3	2-Butenediamide, (2E)-, N,N'-bis[2-(4,5-dihydro-2-nortall-oil alkyl-1H-imidazol-1-yl)ethyl] derivs.
68457-74-9	Phenol, isobutyleneated methylstyrenated
68513-62-2	Disulfides, C5-12-alkyl
68515-89-9	Barium, carbonate nonylphenol complexes
68527-22-0	Naphtha (petroleum), clay-treated light straight-run
68584-25-8	Benzenesulfonic acid, C10-16-alkyl derivs., compds. with triethanolamine
68602-81-3	Distillates, hydrocarbon resin prodn. higher boiling
68608-59-3	Ethane, 1,2-dichloro-, manuf. of, by-products from, distn. lights
68609-05-2	Cyclohexane, oxidized, non-acidic by-products, distn. lights
68610-90-2	2-Butenedioic acid (2E)-, di-C8-18-alkyl esters
68649-42-3	Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts
68650-36-2	Aromatic hydrocarbons, C8, o-xylene-lean
68782-97-8	Distillates (petroleum), hydrofined lubricating-oil
68815-50-9	Octadecanoic acid, reaction products with 2-[(2-aminoethyl)amino]ethanol
68909-77-3	Ethanol, 2,2'-oxybis-, reaction products with ammonia, morpholine derivs. residues
68915-05-9	Fatty acids, tall-oil, low-boiling, reaction products with ammonia-ethanolamine reaction by-products
68915-39-9	Cyclohexane, oxidized, aq. ext., sodium salt
68918-16-1	Tar, coal, dried and oxidized
68919-17-5	Hydrocarbons, C12-20, catalytic alkylation by-products

CAS No.	Substance
68937-29-1	1,6-Hexanediol, distn. residues
68937-70-2	Carboxylic acids, C6-18 and C8-15-di-
68937-72-4	Carboxylic acids, di-, C4-11
68953-80-0	Benzene, mixed with toluene, dealkylation product
68955-37-3	Acid chlorides, tallow, hydrogenated
68955-76-0	Aromatic hydrocarbons, C9-16, biphenyl deriv.-rich
68987-41-7	Benzene, ethylenated
68987-66-6	Ethene, hydrated, by-products from
68988-22-7	1,4-Benzenedicarboxylic acid, dimethyl ester, manuf. of, by-products from
68990-61-4	Tar, coal, high-temp., high-solids
68990-65-8	Fats and Glyceridic oils, vegetable, reclaimed
70084-98-9	Terpenes and Terpenoids, C10-30, distn. residues
70693-50-4	Phenol, 2,4-bis(1-methyl-1-phenylethyl)-6-[(2-nitrophenyl)azo]-
70851-08-0	Amides, coco, N-[3-(dimethylamino)propyl], alkylation products with sodium 3-chloro-2-hydroxypropanesulfate
71077-05-9	Ethanol, 2,2'-oxybis-, reaction products with ammonia, morpholine product tower residues
72162-15-3	1-Decene, sulfurized
72854-27-4	Tannins, reaction products with sodium bisulfite, sodium polysulfide and sodium sulfite
73665-18-6	Extract residues (coal), tar oil alk., naphthalene distn. residues
83864-02-2	Nickel, bis[(cyano-C)triphenylborato(1-)-N]bis(hexanedinitrile-N,N')-
84501-86-0	Hexanedioic acid, esters with high-boiling C6-10-alkene hydroformylation products

CAS No.	Substance
90640-80-5	Anthracene oil
90640-86-1	Distillates (coal tar), heavy oils
119345-02-7	Benzene, 1,1'-oxybis-, tetrapropylene derivs.
125997-20-8	Phosphoric acid, mixed 3-bromo-2,2-dimethylpropyl and 2-bromoethyl and 2-chloroethyl esters

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

[47 FR 26998, June 22, 1982]

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

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