

Table II. EPCRA Section 313 Chemical List For Reporting Year 2024 (including Toxic Chemical Categories)

The EPCRA Section 313 chemicals are listed beginning on page II-4. The chemicals are broken out into five sections, sections a and b list the individually-listed non-PFAS chemicals alphabetically and then by CASRN order. Section c lists the chemical categories. Sections d and e list the PFAS chemicals alphabetically and then by CASRN order. EPCRA Section 313 chemicals may also be found using the basic search (https://guideme.epa.gov/ords/guideme_ext/F?p=guideme:chemical-list-basic-search) and advanced search (https://guideme.epa.gov/ords/guideme_ext/f?p=guideme:chemical-list-advanced-search) via GuideME.

See section B.3.d of the instructions for more information on the *de minimis* % limits listed below. The *de minimis* concentration for each individually listed chemical is listed under the “*De minimis* % Limit” column; for chemical categories, the *de minimis* level is in parenthesis. The *de minimis* exemption is not available for chemicals of special concern, therefore an asterisk (*) appears where a *de minimis* limit would otherwise appear. Starting with RY 2024 (i.e., calendar year 2024), the *de minimis* exemption is no longer available for use for supplier notification purposes for chemicals classified as chemicals of special concern.

Note: Chemicals may be added to or deleted from the list. The TRI website (<https://www.epa.gov/toxics-release-inventory-tri-program/tri-listed-chemicals>) provides up-to-date information on the status of changes.

Chemical Qualifiers

Certain EPCRA Section 313 chemicals listed in Table II have parenthetical “qualifiers.” These qualifiers indicate that these EPCRA Section 313 chemicals are subject to the Section 313 reporting requirements if manufactured, processed, or otherwise used in a specific form or when a certain activity is performed. An EPCRA Section 313 chemical that is listed without a qualifier is subject to reporting in all forms in which it is manufactured, processed, and otherwise used. The following chemicals are reportable only if they are manufactured, processed, and/or otherwise used in the specific form(s) listed below:

Chemical/ Chemical Category	CASRN/ Category Code	Qualifier
Aluminum (fume or dust)	7429-90-5	<u>Only</u> if it is a fume or dust form.
Aluminum oxide (fibrous forms)	1344-28-1	<u>Only</u> if it is a fibrous form.
Ammonia (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing)	7664-41-7	<u>Only</u> 10% of aqueous forms. 100% of anhydrous forms.
Asbestos (friable)	1332-21-4	<u>Only</u> if it is a friable form.
Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	7647-01-0	<u>Only</u> if it is an aerosol form as defined.
Nitrate compounds (water dissociable; reportable only when in aqueous solution)	N511	<u>Only</u> if in aqueous solution.
Phosphorus (yellow or white)	12185-10-3	<u>Only</u> if it is a yellow or white form.
Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	7664-93-9	<u>Only</u> if it is an aerosol form as defined.
Vanadium (except when contained in an alloy)	7440-62-2	<u>Except</u> if it is contained in an alloy.
Zinc (fume or dust)	7440-66-6	<u>Only</u> if it is in a fume or dust form.

The qualifier for the following three chemicals is based on the chemical activity rather than the form of the chemical. These chemicals are subject to EPCRA Section 313 reporting requirements only when the indicated activity is performed.

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Chemical/ Chemical Category	CASRN/ Category Code	Qualifier
Dioxin and dioxin-like compounds (manufacturing; and the processing or otherwise use of dioxin and dioxin-like compounds if the dioxin and dioxin-like compounds are present as contaminants in a chemical and if they were created during the manufacture of that chemical.)	N150	Only if they are manufactured at the facility; or are processed or otherwise used when present as contaminants in a chemical, but only if they were created during the manufacture of that chemical.
Isopropyl alcohol (only persons who manufacture by the strong acid process are subject, no supplier notification)	67-63-0	Only if it is being manufactured by the strong acid process. Facilities that process or otherwise use isopropyl alcohol are <u>not</u> covered and should <u>not</u> file a report.
Saccharin (only persons who manufacture are subject, no supplier notification)	81-07-2	Only if it is being manufactured.

Supplier Notification Implications

There are no supplier notification requirements for isopropyl alcohol and saccharin since the processors and users of these chemicals are not required to report. Manufacturers of these chemicals do not need to notify their customers that these are reportable EPCRA Section 313 chemicals.

Qualifier Definitions

Fume or dust. Two of the metals on the list (aluminum and zinc) contain the qualifier “fume or dust.” Fume or dust refers to dry forms of these metals but does not refer to “wet” forms such as solutions or slurries. As explained in Section B.3.a of these instructions, the term manufacture includes the generation of an EPCRA Section 313 chemical as a byproduct or impurity. In such cases, a facility should determine if, for example, it generated more than 25,000 pounds of aluminum fume or dust in the reporting year as a result of its activities. If so, the facility must report that it manufactures “aluminum (fume or dust).” Similarly, there may be certain technologies in which one of these metals is processed in the form of a fume or dust to make other EPCRA Section 313 chemicals or other products for distribution in commerce. In reporting releases, the facility would only report releases of the fume or dust.

EPA considers dusts to consist of solid particles generated by any mechanical processing of materials including crushing, grinding, rapid impact, handling, detonation, and decrepitation of organic and inorganic materials such as rock, ore, and metal. Dusts do not tend to flocculate, except under electrostatic forces.

EPA considers a fume to be an airborne dispersion consisting of small solid particles created by condensation from a gaseous state, in distinction to a gas or vapor. Fumes arise from the heating of solids such as lead. The condensation is often accompanied by a chemical reaction, such as oxidation. Fumes flocculate and sometimes coalesce.

Manufacturing qualifiers. Two of the entries in the EPCRA Section 313 chemical list contain a qualifier relating to manufacture. For isopropyl alcohol, the qualifier is “only persons who manufacture by the strong acid process are subject, no supplier notification.” For saccharin, the qualifier is “only persons who manufacture are subject, no supplier notification.” For isopropyl alcohol, the qualifier means that only facilities manufacturing isopropyl alcohol by the strong acid process are required to report. In the case of saccharin, only manufacturers of the EPCRA Section 313 chemical are subject to the reporting requirements. A facility that only processes or otherwise uses either of these EPCRA Section 313 chemicals is not required to report for these EPCRA Section 313 chemicals. In both cases, supplier notification does not apply because only manufacturers, not processors or users, of these two EPCRA Section 313 chemicals must report.

Ammonia (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing). The qualifier for ammonia means that anhydrous forms of ammonia are 100% reportable and aqueous forms are limited to 10% of total aqueous ammonia. Therefore, when determining thresholds, releases, and other waste management quantities, all anhydrous ammonia is included but only 10% of total aqueous ammonia is included. Any evaporation of

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ammonia from aqueous ammonia solutions is considered anhydrous ammonia and should be included in threshold determinations and release and other waste management calculations.

Sulfuric acid and Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size). The qualifier for sulfuric acid and hydrochloric acid means that the only forms of these chemicals that are reportable are airborne forms. Aqueous solutions are not covered by this listing but aerosols generated from aqueous solutions are.

Nitrate compounds (water dissociable; reportable only when in aqueous solution). The qualifier for the nitrate compounds category limits the reporting to nitrate compounds that dissociate in water, generating nitrate ion. For the purposes of threshold determinations, the entire weight of the nitrate compound must be included in all calculations. For the purposes of reporting releases and other waste management quantities only the weight of the nitrate ion should be included in the calculations of these quantities.

Phosphorus (yellow or white). The listing for phosphorus is qualified by the term “yellow or white.” This means that only manufacturing, processing, or otherwise use of phosphorus in the yellow or white chemical form triggers reporting. Conversely, manufacturing, processing, or otherwise use of “black” or “red” phosphorus does not trigger reporting. Supplier notification also applies only to distribution of yellow or white phosphorus.

Asbestos (friable). The listing for asbestos is qualified by the term “friable,” referring to the physical characteristic of being able to be crumbled, pulverized, or reducible to a powder with hand pressure. Only manufacturing, processing, or otherwise use of asbestos in the friable form triggers reporting. Supplier notification applies only to distribution of mixtures or other trade name products containing friable asbestos. The listing for asbestos (CASRN 1332-21-4) includes six specific forms of asbestos which have their own individual CAS numbers: – Actinolite (77536-66-4), Amosite (12172-73-5), Anthophyllite (7068-78-9), Chrysotile (12001-29-5), Crocidolite (12001-28-4), and Tremolite (77536-68-6). Therefore, those types of asbestos are reportable with CASRN 1332-21-4, as long as they are manufactured, processed, or otherwise used in the friable form.

Aluminum oxide (fibrous forms). The listing for aluminum oxide is qualified by the term “fibrous forms.” Fibrous refers to a man-made form of aluminum oxide that is processed to produce strands or filaments which can be cut to various lengths depending on the application. Only manufacturing, processing, or otherwise use of aluminum oxide in the fibrous form triggers reporting. Supplier notification applies only to distribution of mixtures or other trade name products containing fibrous forms of aluminum oxide.

Chemical Categories with Exemptions

The four EPCRA section 313 chemical categories listed below have specific chemical exemptions.

Chemical Category	Category Code	Exempted Chemical(s)
Barium Compounds	N040	Barium sulfate (7727-43-7)
Chromium Compounds	N090	Chromite ore mined in the Transvaal Region of South Africa and the unreacted ore component of the chromite ore processing residue (COPR). COPR is the solid waste remaining after aqueous extraction of oxidized chromite ore that has been combined with soda ash and kiln roasted at approximately 2,000 °F.
Copper Compounds	N100	Copper phthalocyanine compounds that are substituted with only hydrogen, and/or chlorine, and/or bromine.
Cyanide Compounds	N106	Hydrogen cyanide (74-90-8) ¹

¹ Hydrogen cyanide is an individually-listed chemical

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Notes for sections a and b of the following list of TRI chemicals:

“Color Index” indicated by “C.I.”

* There is no *de minimis* % limit for chemicals of special concern. Starting with RY 2024, the *de minimis* exemption is no longer available for use for supplier notification purposes for chemicals classified as chemicals of special concern.

The *de minimis* % limit for lead when contained in stainless steel, brass, or bronze alloys is 0.1%. For lead not in such alloys there is no *de minimis* level.

**a. Individually-Listed Toxic Chemicals
Arranged Alphabetically**

CASRN	Chemical Name	<i>De minimis</i> % Limit
71751-41-2	Abamectin	1
30560-19-1	Acephate	1
75-07-0	Acetaldehyde	0.1
60-35-5	Acetamide	0.1
75-05-8	Acetonitrile	1
98-86-2	Acetophenone	1
53-96-3	2-Acetylaminofluorene	0.1
62476-59-9	Acifluorfen, sodium salt	1
107-02-8	Acrolein	0.1
79-06-1	Acrylamide	0.1
79-10-7	Acrylic acid	1
107-13-1	Acrylonitrile	0.1
15972-60-8	Alachlor	1
116-06-3	Aldicarb	1
309-00-2	Aldrin	*
28434-00-6	<i>d-trans</i> -Allethrin	1
107-18-6	Allyl alcohol	1
107-11-9	Allylamine	1
107-05-1	Allyl chloride	1
7429-90-5	Aluminum (fume or dust)	1
1344-28-1	Aluminum oxide (fibrous forms) (Alumina)	1
20859-73-8	Aluminum phosphide	1
834-12-8	Ametryn	1
117-79-3	2-Aminoanthraquinone	0.1
60-09-3	4-Aminoazobenzene	0.1
92-67-1	4-Aminobiphenyl	0.1
81-49-2	1-Amino-2,4-dibromoanthraquinone	0.1
82-28-0	1-Amino-2-methylanthraquinone	0.1
33089-61-1	Amitraz	1
61-82-5	Amitrole	0.1

CASRN	Chemical Name	<i>De minimis</i> % Limit
7664-41-7	Ammonia (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing)	1
101-05-3	Anilazine	1
62-53-3	Aniline	0.1
90-04-0	<i>o</i> -Anisidine	0.1
104-94-9	<i>p</i> -Anisidine	1
134-29-2	<i>o</i> -Anisidine hydrochloride	0.1
120-12-7	Anthracene	1
7440-36-0	Antimony	1
7440-38-2	Arsenic	0.1
1332-21-4	Asbestos (friable)	0.1
1912-24-9	Atrazine	1
7440-39-3	Barium	1
22781-23-3	Bendiocarb	1
1861-40-1	Benfluralin	1
17804-35-2	Benomyl	1
98-87-3	Benzal chloride	1
55-21-0	Benzamide	1
71-43-2	Benzene	0.1
92-87-5	Benzidine	0.1
98-07-7	Benzoic trichloride (Benzotrichloride)	0.1
191-24-2	Benzo[g,h,i]perylene	*
98-88-4	Benzoyl chloride	1
94-36-0	Benzoyl peroxide	1
100-44-7	Benzyl chloride	1
7440-41-7	Beryllium	0.1
82657-04-3	Bifenthrin	1
92-52-4	Biphenyl	1
3296-90-0	2,2-Bis(bromomethyl)-1,3-propanediol	0.1
111-91-1	Bis(2-chloroethoxy)methane	1
111-44-4	Bis(2-chloroethyl) ether	1
542-88-1	Bis(chloromethyl) ether	0.1
108-60-1	Bis(2-chloro-1-methylethyl) ether	1
56-35-9	Bis(tributyltin) oxide	1
10294-34-5	Boron trichloride	1
7637-07-2	Boron trifluoride	1
314-40-9	Bromacil	1
53404-19-6	Bromacil, lithium salt	1
7726-95-6	Bromine	1
35691-65-7	1-Bromo-1-(bromomethyl)-1,3-propanedicarbonitrile	1
353-59-3	Bromochlorodifluoromethane (Halon 1211)	1
75-25-2	Bromoform (Tribromomethane)	1

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CASRN	Chemical Name	De minimis % Limit	CASRN	Chemical Name	De minimis % Limit
74-83-9	Bromomethane (Methyl bromide)	1	532-27-4	2-Chloroacetophenone	1
106-94-5	1-Bromopropane	0.1	4080-31-3	1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	1
75-63-8	Bromotrifluoromethane (Halon 1301)	1	106-47-8	<i>p</i> -Chloroaniline	0.1
1689-84-5	Bromoxynil	1	108-90-7	Chlorobenzene	1
1689-99-2	Bromoxynil octanoate	1	510-15-6	Chlorobenzilate	1
357-57-3	Brucine	1	75-68-3	1-Chloro-1,1-difluoroethane (HCFC-142b)	1
106-99-0	1,3-Butadiene	0.1	75-45-6	Chlorodifluoromethane (HCFC-22)	1
141-32-2	Butyl acrylate	1	75-00-3	Chloroethane	1
71-36-3	<i>n</i> -Butyl alcohol (1-Butanol)	1	67-66-3	Chloroform	0.1
78-92-2	<i>sec</i> -Butyl alcohol (2-Butanol)	1	74-87-3	Chloromethane	1
75-65-0	<i>tert</i> -Butyl alcohol (tert-Butanol)	1	107-30-2	Chloromethyl methyl ether	0.1
106-88-7	1,2-Butylene oxide	0.1	563-47-3	3-Chloro-2-methyl-1-propene	0.1
123-72-8	Butyraldehyde	1	104-12-1	<i>p</i> -Chlorophenyl isocyanate	1
4680-78-8	C.I. Acid Green 3	1	76-06-2	Chloropicrin	1
6459-94-5	C.I. Acid Red 114	0.1	126-99-8	Chloroprene	0.1
569-64-2	C.I. Basic Green 4 (Malachite green)	1	542-76-7	3-Chloropropionitrile	1
989-38-8	C.I. Basic Red 1	1	63938-10-3	Chlorotetrafluoroethane	1
1937-37-7	C.I. Direct Black 38	0.1	354-25-6	1-Chloro-1,1,2,2-tetrafluoroethane (HCFC-124a)	1
2602-46-2	C.I. Direct Blue 6	0.1	2837-89-0	2-Chloro-1,1,1,2-tetrafluoroethane (HCFC-124)	1
28407-37-6	C.I. Direct Blue 218	0.1	1897-45-6	Chlorothalonil	0.1
16071-86-6	C.I. Direct Brown 95	0.1	95-69-2	<i>p</i> -Chloro- <i>o</i> -toluidine (4-Chloro-2-methylaniline)	0.1
2832-40-8	C.I. Disperse Yellow 3	1	75-88-7	2-Chloro-1,1,1-trifluoroethane (HCFC-133a)	1
3761-53-3	C.I. Food Red 5	0.1	75-72-9	Chlorotrifluoromethane (CFC-13)	1
81-88-9	C.I. Food Red 15 (Rhodamine B)	1	460-35-5	3-Chloro-1,1,1-trifluoropropane (HCFC-253fb)	1
3118-97-6	C.I. Solvent Orange 7	1	5598-13-0	Chlorpyrifos-methyl	1
97-56-3	C.I. Solvent Yellow 3	0.1	64902-72-3	Chlorsulfuron	1
842-07-9	C.I. Solvent Yellow 14	1	7440-47-3	Chromium	1
492-80-8	C.I. Solvent Yellow 34 (Auramine)	0.1	7440-48-4	Cobalt	0.1
128-66-5	C.I. Vat Yellow 4	1	7440-50-8	Copper	1
7440-43-9	Cadmium	0.1	8001-58-9	Creosote	0.1
156-62-7	Calcium cyanamide	1	120-71-8	<i>p</i> -Cresidine	0.1
133-06-2	Captan	1	108-39-4	<i>m</i> -Cresol	1
63-25-2	Carbaryl	1	95-48-7	<i>o</i> -Cresol	1
1563-66-2	Carbofuran	1	106-44-5	<i>p</i> -Cresol	1
75-15-0	Carbon disulfide	1	1319-77-3	Cresol (mixed isomers)	1
56-23-5	Carbon tetrachloride	0.1	4170-30-3	Crotonaldehyde	1
463-58-1	Carbonyl sulfide	1	98-82-8	Cumene	0.1
5234-68-4	Carboxin	1	80-15-9	Cumene hydroperoxide	1
120-80-9	Catechol	0.1	135-20-6	Cupferron	0.1
2439-01-2	Chinomethionate	1	21725-46-2	Cyanazine	1
133-90-4	Chloramben	1	1134-23-2	Cycloate	1
57-74-9	Chlordane	*	110-82-7	Cyclohexane	1
115-28-6	Chlorendic acid	0.1			
90982-32-4	Chlorimuron-ethyl	1			
7782-50-5	Chlorine	1			
10049-04-4	Chlorine dioxide	1			
79-11-8	Chloroacetic acid	1			

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CASRN	Chemical Name	De minimis % Limit
108-93-0	Cyclohexanol	1
68359-37-5	Cyfluthrin	1
68085-85-8	Cyhalothrin	1
94-75-7	2,4-D	0.1
533-74-4	Dazomet	1
53404-60-7	Dazomet, sodium salt	1
94-82-6	2,4-DB	1
1929-73-3	2,4-D 2-butoxyethyl ester	0.1
94-80-4	2,4-D butyl ester	0.1
2971-38-2	2,4-D chlorocrotyl ester	0.1
1163-19-5	Decabromodiphenyl oxide	1
13684-56-5	Desmedipham	1
1928-43-4	2,4-D 2-ethylhexyl ester	0.1
53404-37-8	2,4-D 2-ethyl-4-methylpentyl ester	0.1
2303-16-4	Diallate	1
615-05-4	2,4-Diaminoanisole	0.1
39156-41-7	2,4-Diaminoanisole sulfate	0.1
101-80-4	4,4'-Diaminodiphenyl ether	0.1
95-80-7	2,4-Diaminotoluene (2,4-Toluenediamine)	0.1
25376-45-8	Diaminotoluene (mixed isomers) (Toluenediamine)	0.1
333-41-5	Diazinon	0.1
334-88-3	Diazomethane	1
132-64-9	Dibenzofuran	1
96-12-8	1,2-Dibromo-3-chloropropane	0.1
106-93-4	1,2-Dibromoethane (Ethylene dibromide)	0.1
124-73-2	Dibromotetrafluoroethane (1,2-Dibromo-1,1,2,2-tetrafluoroethane)	1
84-74-2	Dibutyl phthalate	1
683-18-1	Dibutyltin dichloride	1
1918-00-9	Dicamba	1
99-30-9	Dichloran	1
95-50-1	1,2-Dichlorobenzene (<i>o</i> -Dichlorobenzene)	1
541-73-1	1,3-Dichlorobenzene (<i>m</i> -Dichlorobenzene)	1
106-46-7	1,4-Dichlorobenzene (<i>p</i> -Dichlorobenzene)	0.1
25321-22-6	Dichlorobenzene (mixed isomers)	0.1
91-94-1	3,3'-Dichlorobenzidine	0.1
612-83-9	3,3'-Dichlorobenzidine dihydrochloride	0.1
64969-34-2	3,3'-Dichlorobenzidine sulfate	0.1
75-27-4	Dichlorobromomethane	0.1
764-41-0	1,4-Dichloro-2-butene	1
110-57-6	<i>trans</i> -1,4-Dichloro-2-butene	1
1649-08-7	1,2-Dichloro-1,1-difluoroethane (HCFC-132b)	1

CASRN	Chemical Name	De minimis % Limit
75-71-8	Dichlorodifluoromethane (CFC-12)	1
107-06-2	1,2-Dichloroethane	0.1
540-59-0	1,2-Dichloroethylene	1
1717-00-6	1,1-Dichloro-1-fluoroethane (HCFC-141b)	1
75-43-4	Dichlorofluoromethane (HCFC-21)	1
75-09-2	Dichloromethane (Methylene chloride)	0.1
127564-92-5	Dichloropentafluoropropane	1
13474-88-9	1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC-225cc)	1
111512-56-2	1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC-225eb)	1
422-44-6	1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225bb)	1
431-86-7	1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225da)	1
507-55-1	1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)	1
136013-79-1	1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225ea)	1
128903-21-9	2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC-225aa)	1
422-48-0	2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC-225ba)	1
422-56-0	3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)	1
97-23-4	Dichlorophene	1
120-83-2	2,4-Dichlorophenol	1
78-87-5	1,2-Dichloropropane	0.1
96-23-1	1,3-Dichloro-2-propanol	1
10061-02-6	<i>trans</i> -1,3-Dichloropropene	0.1
78-88-6	2,3-Dichloropropene	1
542-75-6	1,3-Dichloropropylene (1,3-Dichloropropene)	0.1
76-14-2	Dichlorotetrafluoroethane (CFC-114)	1
34077-87-7	Dichlorotrifluoroethane	1
90454-18-5	Dichloro-1,1,2-trifluoroethane	1
812-04-4	1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b)	1
354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (HCFC-123a)	1

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CASRN	Chemical Name	De minimis % Limit	CASRN	Chemical Name	De minimis % Limit
306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (HCFC-123)	1	136-45-8	Dipropyl isocinchomeronate	1
62-73-7	Dichlorvos	0.1	138-93-2	Disodium cyanodithioimidocarbonate	1
51338-27-3	Diclofop methyl	1	94-11-1	2,4-D isopropyl ester	0.1
115-32-2	Dicofol	1	541-53-7	2,4-Dithiobiuret (Dithiobiuret)	1
77-73-6	Dicyclopentadiene	1	330-54-1	Diuron	1
1464-53-5	Diepoxybutane	0.1	2439-10-3	Dodine	1
111-42-2	Diethanolamine	1	120-36-5	2,4-DP (Dichlorprop)	0.1
38727-55-8	Diethyl ethyl	1	1320-18-9	2,4-D propylene glycol butyl ether ester (2,4-D 2-butoxymethylethyl ester)	0.1
117-81-7	Di(2-ethylhexyl) phthalate	0.1	2702-72-9	2,4-D sodium salt	0.1
64-67-5	Diethyl sulfate	0.1	106-89-8	Epichlorohydrin	0.1
35367-38-5	Diflubenzuron	1	13194-48-4	Ethoprop	1
101-90-6	Diglycidyl resorcinol ether	0.1	110-80-5	2-Ethoxyethanol	1
94-58-6	Dihydrosafrole	0.1	140-88-5	Ethyl acrylate	0.1
55290-64-7	Dimethipin	1	100-41-4	Ethylbenzene	0.1
60-51-5	Dimethoate	1	541-41-3	Ethyl chloroformate	1
119-90-4	3,3'-Dimethoxybenzidine	0.1	759-94-4	S-Ethyl dipropylthiocarbamate	1
20325-40-0	3,3'-Dimethoxybenzidine dihydrochloride	0.1	74-85-1	Ethylene	1
111984-09-9	3,3'-Dimethoxybenzidine monohydrochloride	0.1	107-21-1	Ethylene glycol	1
124-40-3	Dimethylamine	1	151-56-4	Ethyleneimine (Aziridine)	0.1
2300-66-5	Dimethylamine dicamba	1	75-21-8	Ethylene oxide	0.1
60-11-7	4-Dimethylaminoazobenzene	0.1	96-45-7	Ethylene thiourea	0.1
121-69-7	N,N-Dimethylaniline	1	75-34-3	Ethylidene dichloride (1,1-Dichloroethane)	1
119-93-7	3,3'-Dimethylbenzidine	0.1	52-85-7	Famphur	1
612-82-8	3,3'-Dimethylbenzidine dihydrochloride	0.1	60168-88-9	Fenarimol	1
41766-75-0	3,3'-Dimethylbenzidine dihydrofluoride	0.1	13356-08-6	Fenbutatin oxide	1
79-44-7	Dimethylcarbamoyl chloride	0.1	66441-23-4	Fenoxaprop-ethyl	1
2524-03-0	Dimethyl chlorothiophosphate	1	72490-01-8	Fenoxycarb	1
68-12-2	N,N-Dimethylformamide	0.1	39515-41-8	Fenpropathrin	1
57-14-7	1,1-Dimethylhydrazine	0.1	55-38-9	Fenthion	1
105-67-9	2,4-Dimethylphenol	1	51630-58-1	Fenvalerate	1
131-11-3	Dimethyl phthalate	1	14484-64-1	Ferbam	1
77-78-1	Dimethyl sulfate	0.1	69806-50-4	Fluazifop-butyl	1
99-65-0	m-Dinitrobenzene	1	2164-17-2	Fluometuron	1
528-29-0	o-Dinitrobenzene	1	7782-41-4	Fluorine	1
100-25-4	p-Dinitrobenzene	1	51-21-8	Fluorouracil (5-Fluorouracil)	1
88-85-7	Dinitrobutyl phenol (Dinoseb)	1	69409-94-5	Fluvalinate	1
534-52-1	4,6-Dinitro-o-cresol	1	133-07-3	Folpet	1
51-28-5	2,4-Dinitrophenol	1	72178-02-0	Fomesafen	1
121-14-2	2,4-Dinitrotoluene	0.1	50-00-0	Formaldehyde	0.1
606-20-2	2,6-Dinitrotoluene	0.1	75-12-7	Formamide	1
25321-14-6	Dinitrotoluene (mixed isomers)	1	64-18-6	Formic acid	1
39300-45-3	Dinocap	1	76-13-1	Freon 113 (CFC-113)	1
123-91-1	1,4-Dioxane	0.1	110-00-9	Furan	0.1
957-51-7	Diphenamid	1	556-52-5	Glycidol	0.1
122-39-4	Diphenylamine	0.1	76-44-8	Heptachlor	*
122-66-7	1,2-Diphenylhydrazine	0.1	118-74-1	Hexachlorobenzene	*
2164-07-0	Dipotassium endothall	1	87-68-3	Hexachloro-1,3-butadiene (Hexachlorobutadiene)	1
			319-84-6	alpha-Hexachlorocyclohexane	0.1

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CASRN	Chemical Name	De minimis % Limit
77-47-4	Hexachlorocyclopentadiene	1
67-72-1	Hexachloroethane	0.1
1335-87-1	Hexachloronaphthalene	1
70-30-4	Hexachlorophene	1
1222-05-5	1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta[g]-2-benzopyran	*
680-31-9	Hexamethylphosphoramide	0.1
110-54-3	<i>n</i> -Hexane (Hexane)	1
51235-04-2	Hexazinone	1
67485-29-4	Hydramethylnon	1
302-01-2	Hydrazine	0.1
10034-93-2	Hydrazine sulfate (1:1)	0.1
7647-01-0	Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	1
74-90-8	Hydrogen cyanide	1
7664-39-3	Hydrogen fluoride (Hydrofluoric acid)	1
7783-06-4	Hydrogen sulfide	1
123-31-9	Hydroquinone	1
111-41-1	N-Hydroxyethylethylenediamine	1
35554-44-0	Imazalil	1
55406-53-6	3-Iodo-2-propynyl butylcarbamate	1
13463-40-6	Iron pentacarbonyl	1
78-84-2	Isobutyraldehyde	1
465-73-6	Isodrin	*
25311-71-1	Isofenphos	1
78-79-5	Isoprene	0.1
67-63-0	Isopropyl alcohol (Isopropanol) (only persons who manufacture by the strong acid process are subject, no supplier notification)	1
80-05-7	4,4'-Isopropylidenediphenol	1
120-58-1	Isosafrole	1
77501-63-4	Lactofen	1
7439-92-1	Lead	* see notes
58-89-9	Lindane	0.1
330-55-2	Linuron	1
554-13-2	Lithium carbonate	1
121-75-5	Malathion	0.1
108-31-6	Maleic anhydride	1
109-77-3	Malononitrile	1
12427-38-2	Maneb	1
7439-96-5	Manganese	1

CASRN	Chemical Name	De minimis % Limit
93-65-2	Mecoprop	0.1
149-30-4	2-Mercaptobenzothiazole	0.1
7439-97-6	Mercury	*
150-50-5	Merphos	1
126-98-7	Methacrylonitrile	1
137-42-8	Metham sodium (Sodium methyldithiocarbamate)	1
67-56-1	Methanol	1
20354-26-1	Methazole	1
2032-65-7	Methiocarb	1
94-74-6	Methoxone (MCPA)	0.1
3653-48-3	Methoxone sodium salt	0.1
72-43-5	Methoxychlor	*
109-86-4	2-Methoxyethanol	1
96-33-3	Methyl acrylate	0.1
1634-04-4	Methyl tert-butyl ether	1
79-22-1	Methyl chlorocarbonate	1
101-14-4	4,4'-Methylenebis(2-chloroaniline)	0.1
101-61-1	4,4'-Methylenebis(<i>N,N</i> -dimethyl)benzenamine (4,4'-Methylenebis[<i>N,N</i> -dimethylaniline])	0.1
74-95-3	Methylene bromide (Dibromomethane)	1
101-77-9	4,4'-Methylenedianiline	0.1
93-15-2	Methyleugenol	0.1
60-34-4	Methyl hydrazine	1
74-88-4	Methyl iodide	1
108-10-1	Methyl isobutyl ketone	0.1
624-83-9	Methyl isocyanate	1
556-61-6	Methyl isothiocyanate	1
75-86-5	2-Methylactonitrile (Acetone cyanohydrin)	1
80-62-6	Methyl methacrylate	1
924-42-5	<i>N</i> -Methylolacrylamide	0.1
298-00-0	Methyl parathion	1
109-06-8	2-Methylpyridine	1
872-50-4	<i>N</i> -Methyl-2-pyrrolidone	1
9006-42-2	Metiram	1
21087-64-9	Metribuzin	1
7786-34-7	Mevinphos	1
90-94-8	Michler's ketone	0.1
2212-67-1	Molinate	1
1313-27-5	Molybdenum trioxide	0.1
76-15-3	Monochloropentafluoroethane (CFC-115)	1
150-68-5	Monuron	1
505-60-2	Mustard gas	0.1
88671-89-0	Myclobutanil	1
142-59-6	Nabam	1
300-76-5	Naled	1
91-20-3	Naphthalene	0.1

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CASRN	Chemical Name	De minimis % Limit	CASRN	Chemical Name	De minimis % Limit
134-32-7	<i>alpha</i> -Naphthylamine (1-Naphthalenamine)	0.1	76-01-7	Pentachloroethane	1
91-59-8	<i>beta</i> -Naphthylamine (2-Naphthalenamine)	0.1	87-86-5	Pentachlorophenol	0.1
7440-02-0	Nickel	0.1	57-33-0	Pentobarbital sodium	1
1929-82-4	Nitrapyrin	1	79-21-0	Peracetic acid	1
7697-37-2	Nitric acid	1	594-42-3	Perchloromethyl mercaptan	1
139-13-9	Nitrilotriacetic acid	0.1	52645-53-1	Permethrin	1
5064-31-3	Nitrilotriacetic acid trisodium salt	0.1	85-01-8	Phenanthrene	1
100-01-6	<i>p</i> -Nitroaniline	1	108-95-2	Phenol	1
99-59-2	5-Nitro- <i>o</i> -anisidine (2-Methoxy-5-nitroaniline)	1	77-09-8	Phenolphthalein (3,3-Bis(4-hydroxyphenyl)phthalide)	0.1
91-23-6	<i>o</i> -Nitroanisole	0.1	26002-80-2	Phenothrin	1
98-95-3	Nitrobenzene	0.1	95-54-5	1,2-Phenylenediamine	0.1
92-93-3	4-Nitrobiphenyl	0.1	108-45-2	1,3-Phenylenediamine	1
1836-75-5	Nitrofen	0.1	106-50-3	<i>p</i> -Phenylenediamine	1
51-75-2	Nitrogen mustard (HN-2)	0.1	615-28-1	1,2-Phenylenediamine dihydrochloride	0.1
55-63-0	Nitroglycerin	1	624-18-0	1,4-Phenylenediamine dihydrochloride	1
75-52-5	Nitromethane	0.1	90-43-7	2-Phenylphenol	1
88-75-5	2-Nitrophenol (<i>o</i> -Nitrophenol)	1	57-41-0	Phenytoin	0.1
100-02-7	4-Nitrophenol (<i>p</i> -Nitrophenol)	1	75-44-5	Phosgene	1
79-46-9	2-Nitropropane	0.1	7803-51-2	Phosphine	1
924-16-3	<i>N</i> -Nitrosodi- <i>n</i> -butylamine	0.1	12185-10-3	Phosphorus (yellow or white)	1
55-18-5	<i>N</i> -Nitrosodiethylamine	0.1	85-44-9	Phthalic anhydride	1
62-75-9	<i>N</i> -Nitrosodimethylamine	0.1	1918-02-1	Picloram	1
86-30-6	<i>N</i> -Nitrosodiphenylamine	1	88-89-1	Picric acid	1
156-10-5	<i>p</i> -Nitrosodiphenylamine	1	51-03-6	Piperonyl butoxide	1
621-64-7	<i>N</i> -Nitrosodi- <i>n</i> -propylamine	0.1	29232-93-7	Pirimiphos-methyl	1
759-73-9	<i>N</i> -Nitroso- <i>N</i> -ethylurea	0.1	1336-36-3	Polychlorinated biphenyls	*
684-93-5	<i>N</i> -Nitroso- <i>N</i> -methylurea	0.1	7758-01-2	Potassium bromate	0.1
4549-40-0	<i>N</i> -Nitrosomethylvinylamine	0.1	128-03-0	Potassium dimethyldithiocarbamate	1
59-89-2	<i>N</i> -Nitrosomorpholine	0.1	137-41-7	Potassium <i>N</i> -methylthiocarbamate	1
16543-55-8	<i>N</i> -Nitrosornicotine	0.1	41198-08-7	Profenofos	1
100-75-4	<i>N</i> -Nitrosopiperidine	0.1	7287-19-6	Prometryn	1
88-72-2	<i>o</i> -Nitrotoluene	0.1	23950-58-5	Pronamide	1
99-55-8	5-Nitro- <i>o</i> -toluidine (2-Methyl-5-nitroaniline)	1	1918-16-7	Propachlor	1
27314-13-2	Norflurazon	1	1120-71-4	1,3-Propane sultone	0.1
2234-13-1	Octachloronaphthalene	1	709-98-8	Propanil	1
29082-74-4	Octachlorostyrene	*	2312-35-8	Propargite	1
19044-88-3	Oryzalin	1	107-19-7	Propargyl alcohol	1
20816-12-0	Osmium tetroxide	1	31218-83-4	Propetamphos	1
19666-30-9	Oxadiazon	1	60207-90-1	Propiconazole	1
301-12-2	Oxydemeton-methyl	1	57-57-8	<i>beta</i> -Propiolactone	0.1
42874-03-3	Oxyfluorfen	1	123-38-6	Propionaldehyde	1
10028-15-6	Ozone	1	114-26-1	Propoxur	1
123-63-7	Paraldehyde	1	115-07-1	Propylene	1
1910-42-5	Paraquat dichloride	1	75-55-8	Propyleneimine	0.1
56-38-2	Parathion	0.1	75-56-9	Propylene oxide	0.1
1114-71-2	Pebulate	1	110-86-1	Pyridine	0.1
40487-42-1	Pendimethalin	*	91-22-5	Quinoline	0.1
608-93-5	Pentachlorobenzene	*	106-51-4	Quinone	1

Table II. EPCRA Section 313 Chemical List for Reporting Year 2024

CASRN	Chemical Name	De minimis % Limit	CASRN	Chemical Name	De minimis % Limit
82-68-8	Quintozene (Pentachloronitrobenzene)	1	23564-06-9	Thiophanate-ethyl	1
76578-14-8	Quizalofop-ethyl	1	23564-05-8	Thiophanate-methyl	1
10453-86-8	Resmethrin	1	79-19-6	Thiosemicarbazide	1
81-07-2	Saccharin (only persons who manufacture are subject, no supplier notification)	1	62-56-6	Thiourea	0.1
94-59-7	Safrole	0.1	137-26-8	Thiram	1
7782-49-2	Selenium	1	1314-20-1	Thorium dioxide	1
74051-80-2	Sethoxydim	1	7550-45-0	Titanium tetrachloride	1
7440-22-4	Silver	1	108-88-3	Toluene	1
122-34-9	Simazine	1	584-84-9	Toluene-2,4-diisocyanate	0.1
26628-22-8	Sodium azide	1	91-08-7	Toluene-2,6-diisocyanate	0.1
1982-69-0	Sodium dicamba	1	26471-62-5	Toluene diisocyanate (mixed isomers)	0.1
128-04-1	Sodium dimethyldithiocarbamate	1	95-53-4	<i>o</i> -Toluidine	0.1
62-74-8	Sodium fluoroacetate	1	636-21-5	<i>o</i> -Toluidine hydrochloride	0.1
7632-00-0	Sodium nitrite	1	8001-35-2	Toxaphene	*
131-52-2	Sodium pentachlorophenate	0.1	43121-43-3	Triadimefon	1
132-27-4	Sodium <i>o</i> -phenylphenoxide	0.1	2303-17-5	Triallate	1
100-42-5	Styrene	0.1	68-76-8	Triaziquone	1
96-09-3	Styrene oxide	0.1	101200-48-0	Tribenuron-methyl	1
7664-93-9	Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	1	1983-10-4	Tributyltin fluoride	1
2699-79-8	Sulfuryl fluoride	1	2155-70-6	Tributyltin methacrylate	1
35400-43-2	Sulprofos	1	78-48-8	<i>S,S,S</i> -Tributyltrithiophosphate (Tribufos)	1
34014-18-1	Tebuthiuron	1	52-68-6	Trichlorfon	1
3383-96-8	Temephos	1	76-02-8	Trichloroacetyl chloride	1
5902-51-2	Terbacil	1	87-61-6	1,2,3-Trichlorobenzene	1
79-94-7	Tetrabromobisphenol A	*	120-82-1	1,2,4-Trichlorobenzene	1
630-20-6	1,1,1,2-Tetrachloroethane	0.1	71-55-6	1,1,1-Trichloroethane	0.1
79-34-5	1,1,2,2-Tetrachloroethane	0.1	79-00-5	1,1,2-Trichloroethane	1
127-18-4	Tetrachloroethylene	0.1	79-01-6	Trichloroethylene	0.1
354-11-0	1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)	1	75-69-4	Trichlorofluoromethane (CFC-11)	1
354-14-3	1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)	1	95-95-4	2,4,5-Trichlorophenol	1
961-11-5	Tetrachlorvinphos	0.1	88-06-2	2,4,6-Trichlorophenol	0.1
64-75-5	Tetracycline hydrochloride	1	96-18-4	1,2,3-Trichloropropane	0.1
116-14-3	Tetrafluoroethylene (Tetrafluoroethene)	0.1	57213-69-1	Triclopyr-triethylammonium salt	1
7696-12-0	Tetramethrin	1	121-44-8	Triethylamine	1
140-66-9	<i>p</i> -(1,1,3,3-Tetramethylbutyl)phenol	1	1582-09-8	Trifluralin	*
509-14-8	Tetranitromethane	0.1	26644-46-2	Triforine	1
7440-28-0	Thallium	1	2451-62-9	Triglycidyl isocyanurate	1
148-79-8	Thiabendazole	1	95-63-6	1,2,4-Trimethylbenzene	1
62-55-5	Thioacetamide	0.1	2655-15-4	2,3,5-Trimethylphenyl methylcarbamate	1
28249-77-6	Thiobencarb	1	639-58-7	Triphenyltin chloride	1
139-65-1	4,4'-Thiodianiline	0.1	76-87-9	Triphenyltin hydroxide	1
59669-26-0	Thiodicarb	1	115-96-8	Tris(2-chloroethyl) phosphate	1
			126-72-7	Tris(2,3-dibromopropyl) phosphate	0.1
			13674-87-8	Tris(1,3-dichloro-2-propyl) phosphate	1
			25155-23-1	Tris(dimethylphenol) phosphate	1

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CASRN	Chemical Name	<i>De minimis</i> % Limit
72-57-1	Trypan blue	0.1
51-79-6	Urethane	0.1
7440-62-2	Vanadium (except when contained in an alloy)	1
50471-44-8	Vinclozolin	1
108-05-4	Vinyl acetate	0.1
593-60-2	Vinyl bromide	0.1
75-01-4	Vinyl chloride	0.1
75-02-5	Vinyl fluoride	0.1
75-35-4	Vinylidene chloride (1,1-Dichloroethylene)	0.1
108-38-3	<i>m</i> -Xylene	1
95-47-6	<i>o</i> -Xylene	1
106-42-3	<i>p</i> -Xylene	1
1330-20-7	Xylene (mixed isomers)	1
87-62-7	2,6-Xyldine	0.1
7440-66-6	Zinc (fume or dust)	1
12122-67-7	Zineb	1

**b. Individually-Listed Toxic Chemicals
Arranged by CASRN**

CASRN	Chemical Name	<i>De minimis</i> % Limit
50-00-0	Formaldehyde	0.1
51-03-6	Piperonyl butoxide	1
51-21-8	Fluorouracil (5-Fluorouracil)	1
51-28-5	2,4-Dinitrophenol	1
51-75-2	Nitrogen mustard (HN-2)	0.1
51-79-6	Urethane	0.1
52-68-6	Trichlorfon	1
52-85-7	Famphur	1
53-96-3	2-Acetylaminofluorene	0.1
55-18-5	<i>N</i> -Nitrosodiethylamine	0.1
55-21-0	Benzamide	1
55-38-9	Fenthion	1
55-63-0	Nitroglycerin	1
56-23-5	Carbon tetrachloride	0.1
56-35-9	Bis(tributyltin) oxide	1
56-38-2	Parathion	0.1
57-14-7	1,1-Dimethylhydrazine	0.1
57-33-0	Pentobarbital sodium	1
57-41-0	Phenytoin	0.1
57-57-8	<i>beta</i> -Propiolactone	0.1
57-74-9	Chlordane	*
58-89-9	Lindane	0.1
59-89-2	<i>N</i> -Nitrosomorpholine	0.1
60-09-3	4-Aminoazobenzene	0.1
60-11-7	4-Dimethylaminoazobenzene	0.1
60-34-4	Methyl hydrazine	1
60-35-5	Acetamide	0.1

CASRN	Chemical Name	<i>De minimis</i> % Limit
60-51-5	Dimethoate	1
61-82-5	Amitrole	0.1
62-53-3	Aniline	0.1
62-55-5	Thioacetamide	0.1
62-56-6	Thiourea	0.1
62-73-7	Dichlorvos	0.1
62-74-8	Sodium fluoroacetate	1
62-75-9	<i>N</i> -Nitrosodimethylamine	0.1
63-25-2	Carbaryl	1
64-18-6	Formic acid	1
64-67-5	Diethyl sulfate	0.1
64-75-5	Tetracycline hydrochloride	1
67-56-1	Methanol	1
67-63-0	Isopropyl alcohol (Isopropanol) (only persons who manufacture by the strong acid process are subject, no supplier notification)	1
67-66-3	Chloroform	0.1
67-72-1	Hexachloroethane	0.1
68-12-2	<i>N,N</i> -Dimethylformamide	0.1
68-76-8	Triaziquone	1
70-30-4	Hexachlorophene	1
71-36-3	<i>n</i> -Butyl alcohol (1-Butanol)	1
71-43-2	Benzene	0.1
71-55-6	1,1,1-Trichloroethane	0.1
72-43-5	Methoxychlor	*
72-57-1	Trypan blue	0.1
74-83-9	Bromomethane (Methyl bromide)	1
74-85-1	Ethylene	1
74-87-3	Chloromethane	1
74-88-4	Methyl iodide	1
74-90-8	Hydrogen cyanide	1
74-95-3	Methylene bromide (Dibromomethane)	1
75-00-3	Chloroethane	1
75-01-4	Vinyl chloride	0.1
75-02-5	Vinyl fluoride	0.1
75-05-8	Acetonitrile	1
75-07-0	Acetaldehyde	0.1
75-09-2	Dichloromethane (Methylene chloride)	0.1
75-12-7	Formamide	1
75-15-0	Carbon disulfide	1
75-21-8	Ethylene oxide	0.1
75-25-2	Bromoform (Tribromomethane)	1
75-27-4	Dichlorobromomethane	0.1
75-34-3	Ethylidene dichloride (1,1-Dichloroethane)	1

Table II. EPCRA Section 313 Chemical List for Reporting Year 2024

CASRN	Chemical Name	De minimis % Limit	CASRN	Chemical Name	De minimis % Limit
75-35-4	Vinylidene chloride (1,1-Dichloroethylene)	0.1	79-19-6	Thiosemicarbazide	1
75-43-4	Dichlorofluoromethane (HCFC-21)	1	79-21-0	Peracetic acid	1
75-44-5	Phosgene	1	79-22-1	Methyl chlorocarbonate	1
75-45-6	Chlorodifluoromethane (HCFC-22)	1	79-34-5	1,1,2,2-Tetrachloroethane	0.1
75-52-5	Nitromethane	0.1	79-44-7	Dimethylcarbamoyl chloride	0.1
75-55-8	Propyleneimine	0.1	79-46-9	2-Nitropropane	0.1
75-56-9	Propylene oxide	0.1	79-94-7	Tetrabromobisphenol A	*
75-63-8	Bromotrifluoromethane (Halon 1301)	1	80-05-7	4,4'-Isopropylidenediphenol	1
75-65-0	tert-Butyl alcohol (tert-Butanol)	1	80-15-9	Cumene hydroperoxide	1
75-68-3	1-Chloro-1,1-difluoroethane (HCFC-142b)	1	80-62-6	Methyl methacrylate	1
75-69-4	Trichlorofluoromethane (CFC-11)	1	81-07-2	Saccharin (only persons who manufacture are subject, no supplier notification)	1
75-71-8	Dichlorodifluoromethane (CFC-12)	1	81-49-2	1-Amino-2,4-dibromoanthraquinone	0.1
75-72-9	Chlorotrifluoromethane (CFC-13)	1	81-88-9	C.I. Food Red 15 (Rhodamine B)	1
75-86-5	2-Methylactonitrile (Acetone cyanohydrin)	1	82-28-0	1-Amino-2-methylantraquinone	0.1
75-88-7	2-Chloro-1,1,1-trifluoroethane (HCFC-133a)	1	82-68-8	Quintozene (Pentachloronitrobenzene)	1
76-01-7	Pentachloroethane	1	84-74-2	Dibutyl phthalate	1
76-02-8	Trichloroacetyl chloride	1	85-01-8	Phenanthrene	1
76-06-2	Chloropicrin	1	85-44-9	Phthalic anhydride	1
76-13-1	Freon 113 (CFC-113)	1	86-30-6	N-Nitrosodiphenylamine	1
76-14-2	Dichlorotetrafluoroethane (CFC-114)	1	87-61-6	1,2,3-Trichlorobenzene	1
76-15-3	Monochloropentafluoroethane (CFC-115)	1	87-62-7	2,6-Xylidine	0.1
76-44-8	Heptachlor	*	87-68-3	Hexachloro-1,3-butadiene (Hexachlorobutadiene)	1
76-87-9	Triphenyltin hydroxide	1	87-86-5	Pentachlorophenol	0.1
77-09-8	Phenolphthalein (3,3-Bis(4-hydroxyphenyl)phthalide)	0.1	88-06-2	2,4,6-Trichlorophenol	0.1
77-47-4	Hexachlorocyclopentadiene	1	88-72-2	o-Nitrotoluene	0.1
77-73-6	Dicyclopentadiene	1	88-75-5	2-Nitrophenol (o-Nitrophenol)	1
77-78-1	Dimethyl sulfate	0.1	88-85-7	Dinitrobutyl phenol (Dinoseb)	1
78-48-8	S,S,S-Tributyltrithiophosphate (Tribufos)	1	88-89-1	Picric acid	1
78-79-5	Isoprene	0.1	90-04-0	o-Anisidine	0.1
78-84-2	Isobutyraldehyde	1	90-43-7	2-Phenylphenol	1
78-87-5	1,2-Dichloropropane	0.1	90-94-8	Michler's ketone	0.1
78-88-6	2,3-Dichloropropene	1	91-08-7	Toluene-2,6-diisocyanate	0.1
78-92-2	sec-Butyl alcohol (2-Butanol)	1	91-20-3	Naphthalene	0.1
79-00-5	1,1,2-Trichloroethane	1	91-22-5	Quinoline	0.1
79-01-6	Trichloroethylene	0.1	91-23-6	o-Nitroanisole	0.1
79-06-1	Acrylamide	0.1	91-59-8	beta-Naphthylamine (2-Naphthalenamine)	0.1
79-10-7	Acrylic acid	1	91-94-1	3,3'-Dichlorobenzidine	0.1
79-11-8	Chloroacetic acid	1	92-52-4	Biphenyl	1
			92-67-1	4-Aminobiphenyl	0.1
			92-87-5	Benzidine	0.1
			92-93-3	4-Nitrobiphenyl	0.1
			93-15-2	Methyleugenol	0.1
			93-65-2	Mecoprop	0.1
			94-11-1	2,4-D isopropyl ester	0.1
			94-36-0	Benzoyl peroxide	1

Table II. EPCRA Section 313 Chemical List for Reporting Year 2024

CASRN	Chemical Name	De minimis % Limit	CASRN	Chemical Name	De minimis % Limit
94-58-6	Dihydrosafrole	0.1	101-77-9	4,4'-Methylenedianiline	0.1
94-59-7	Safrole	0.1	101-80-4	4,4'-Diaminodiphenyl ether	0.1
94-74-6	Methoxone (MCPA)	0.1	101-90-6	Diglycidyl resorcinol ether	0.1
94-75-7	2,4-D	0.1	104-12-1	<i>p</i> -Chlorophenyl isocyanate	1
94-80-4	2,4-D butyl ester	0.1	104-94-9	<i>p</i> -Anisidine	1
94-82-6	2,4-DB	1	105-67-9	2,4-Dimethylphenol	1
95-47-6	<i>o</i> -Xylene	1	106-42-3	<i>p</i> -Xylene	1
95-48-7	<i>o</i> -Cresol	1	106-44-5	<i>p</i> -Cresol	1
95-50-1	1,2-Dichlorobenzene (<i>o</i> -Dichlorobenzene)	1	106-46-7	1,4-Dichlorobenzene (<i>p</i> -Dichlorobenzene)	0.1
95-53-4	<i>o</i> -Toluidine	0.1	106-47-8	<i>p</i> -Chloroaniline	0.1
95-54-5	1,2-Phenylenediamine	0.1	106-50-3	<i>p</i> -Phenylenediamine	1
95-63-6	1,2,4-Trimethylbenzene	1	106-51-4	Quinone	1
95-69-2	<i>p</i> -Chloro- <i>o</i> -toluidine (4-Chloro-2-methylaniline)	0.1	106-88-7	1,2-Butylene oxide	0.1
95-80-7	2,4-Diaminotoluene (2,4-Toluenediamine)	0.1	106-89-8	Epichlorohydrin	0.1
95-95-4	2,4,5-Trichlorophenol	1	106-93-4	1,2-Dibromoethane (Ethylene dibromide)	0.1
96-09-3	Styrene oxide	0.1	106-94-5	1-Bromopropane	0.1
96-12-8	1,2-Dibromo-3-chloropropane	0.1	106-99-0	1,3-Butadiene	0.1
96-18-4	1,2,3-Trichloropropane	0.1	107-02-8	Acrolein	0.1
96-23-1	1,3-Dichloro-2-propanol	1	107-05-1	Allyl chloride	1
96-33-3	Methyl acrylate	0.1	107-06-2	1,2-Dichloroethane	0.1
96-45-7	Ethylene thiourea	0.1	107-11-9	Allylamine	1
97-23-4	Dichlorophene	1	107-13-1	Acrylonitrile	0.1
97-56-3	C.I. Solvent Yellow 3	0.1	107-18-6	Allyl alcohol	1
98-07-7	Benzoic trichloride (Benzotrichloride)	0.1	107-19-7	Propargyl alcohol	1
98-82-8	Cumene	0.1	107-21-1	Ethylene glycol	1
98-86-2	Acetophenone	1	107-30-2	Chloromethyl methyl ether	0.1
98-87-3	Benzal chloride	1	108-05-4	Vinyl acetate	0.1
98-88-4	Benzoyl chloride	1	108-10-1	Methyl isobutyl ketone	0.1
98-95-3	Nitrobenzene	0.1	108-31-6	Maleic anhydride	1
99-30-9	Dichloran	1	108-38-3	<i>m</i> -Xylene	1
99-55-8	5-Nitro- <i>o</i> -toluidine (2-Methyl-5-nitroaniline)	1	108-39-4	<i>m</i> -Cresol	1
99-59-2	5-Nitro- <i>o</i> -anisidine (2-Methoxy-5-nitroaniline)	1	108-45-2	1,3-Phenylenediamine	1
99-65-0	<i>m</i> -Dinitrobenzene	1	108-60-1	Bis(2-chloro-1-methylethyl) ether	1
100-01-6	<i>p</i> -Nitroaniline	1	108-88-3	Toluene	1
100-02-7	4-Nitrophenol (<i>p</i> -Nitrophenol)	1	108-90-7	Chlorobenzene	1
100-25-4	<i>p</i> -Dinitrobenzene	1	108-93-0	Cyclohexanol	1
100-41-4	Ethylbenzene	0.1	108-95-2	Phenol	1
100-42-5	Styrene	0.1	109-06-8	2-Methylpyridine	1
100-44-7	Benzyl chloride	1	109-77-3	Malononitrile	1
100-75-4	<i>N</i> -Nitrosopiperidine	0.1	109-86-4	2-Methoxyethanol	1
101-05-3	Anilazine	1	110-00-9	Furan	0.1
101-14-4	4,4'-Methylenebis(2-chloroaniline)	0.1	110-54-3	<i>n</i> -Hexane (Hexane)	1
101-61-1	4,4'-Methylenebis(<i>N,N</i> -dimethyl)benzenamine (4,4'-Methylenebis[<i>N,N</i> -dimethylaniline])	0.1	110-57-6	<i>trans</i> -1,4-Dichloro-2-butene	1
			110-80-5	2-Ethoxyethanol	1
			110-82-7	Cyclohexane	1
			110-86-1	Pyridine	0.1
			111-42-2	Diethanolamine	1
			111-44-4	Bis(2-chloroethyl) ether	1
			111-91-1	Bis(2-chloroethoxy)methane	1
			114-26-1	Propoxur	1

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CASRN	Chemical Name	De minimis % Limit	CASRN	Chemical Name	De minimis % Limit
111-41-1	N-Hydroxyethylethylenediamine	1	133-90-4	Chloramben	1
115-07-1	Propylene	1	134-29-2	<i>o</i> -Anisidine hydrochloride	0.1
115-28-6	Chlorendic acid	0.1	134-32-7	<i>alpha</i> -Naphthylamine (1-Naphthalenamine)	0.1
115-32-2	Dicofol	1	135-20-6	Cupferron	0.1
115-96-8	Tris(2-chloroethyl) phosphate	1	136-45-8	Dipropyl isocinchomeronate	1
116-06-3	Aldicarb	1	137-26-8	Thiram	1
116-14-3	Tetrafluoroethylene (Tetrafluoroethene)	0.1	137-41-7	Potassium <i>N</i> -methylthiocarbamate	1
117-79-3	2-Aminoanthraquinone	0.1	137-42-8	Metham sodium (Sodium methylthiocarbamate)	1
117-81-7	Di(2-ethylhexyl) phthalate	0.1	138-93-2	Disodium cyanodithioimidocarbonate	1
118-74-1	Hexachlorobenzene	*	139-13-9	Nitrilotriacetic acid	0.1
119-90-4	3,3'-Dimethoxybenzidine	0.1	139-65-1	4,4'-Thiodianiline	0.1
119-93-7	3,3'-Dimethylbenzidine	0.1	140-66-9	<i>p</i> -(1,1,3,3-Tetramethylbutyl)phenol	1
120-12-7	Anthracene	1	140-88-5	Ethyl acrylate	0.1
120-36-5	2,4-DP (Dichlorprop)	0.1	141-32-2	Butyl acrylate	1
120-58-1	Isosafrole	1	142-59-6	Nabam	1
120-71-8	<i>p</i> -Cresidine	0.1	148-79-8	Thiabendazole	1
120-80-9	Catechol	0.1	149-30-4	2-Mercaptobenzothiazole	0.1
120-82-1	1,2,4-Trichlorobenzene	1	150-50-5	Merphos	1
120-83-2	2,4-Dichlorophenol	1	150-68-5	Monuron	1
121-14-2	2,4-Dinitrotoluene	0.1	151-56-4	Ethyleneimine (Aziridine)	0.1
121-44-8	Triethylamine	1	156-10-5	<i>p</i> -Nitrosodiphenylamine	1
121-69-7	<i>N,N</i> -Dimethylaniline	1	156-62-7	Calcium cyanamide	1
121-75-5	Malathion	0.1	191-24-2	Benzo[g,h,i]perylene	*
122-34-9	Simazine	1	298-00-0	Methyl parathion	1
122-39-4	Diphenylamine	0.1	300-76-5	Naled	1
122-66-7	1,2-Diphenylhydrazine	0.1	301-12-2	Oxydemeton-methyl	1
123-31-9	Hydroquinone	1	302-01-2	Hydrazine	0.1
123-38-6	Propionaldehyde	1	306-83-2	2,2-Dichloro-1,1,1-trifluoroethane (HCFC-123)	1
123-63-7	Paraldehyde	1	309-00-2	Aldrin	*
123-72-8	Butyraldehyde	1	314-40-9	Bromacil	1
123-91-1	1,4-Dioxane	0.1	319-84-6	<i>alpha</i> -Hexachlorocyclohexane	0.1
124-40-3	Dimethylamine	1	330-54-1	Diuron	1
124-73-2	Dibromotetrafluoroethane (1,2-Dibromo-1,1,2,2-tetrafluoroethane)	1	330-55-2	Linuron	1
126-72-7	Tris(2,3-dibromopropyl) phosphate	0.1	333-41-5	Diazinon	0.1
126-98-7	Methacrylonitrile	1	334-88-3	Diazomethane	1
126-99-8	Chloroprene	0.1	353-59-3	Bromochlorodifluoromethane (Halon 1211)	1
127-18-4	Tetrachloroethylene	0.1	354-11-0	1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)	1
128-03-0	Potassium dimethylthiocarbamate	1	354-14-3	1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)	1
128-04-1	Sodium dimethylthiocarbamate	1	354-23-4	1,2-Dichloro-1,1,2-trifluoroethane (HCFC-123a)	1
128-66-5	C.I. Vat Yellow 4	1	354-25-6	1-Chloro-1,1,2,2-tetrafluoroethane (HCFC-124a)	1
131-11-3	Dimethyl phthalate	1	357-57-3	Brucine	1
131-52-2	Sodium pentachlorophenate	0.1			
132-27-4	Sodium <i>o</i> -phenylphenoxide	0.1			
132-64-9	Dibenzofuran	1			
133-06-2	Captan	1			
133-07-3	Folpet	1			

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CASRN	Chemical Name	De minimis % Limit	CASRN	Chemical Name	De minimis % Limit
422-44-6	1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225bb)	1	615-28-1	1,2-Phenylenediamine dihydrochloride	0.1
422-48-0	2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC-225ba)	1	621-64-7	N-Nitrosodi-n-propylamine	0.1
422-56-0	3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)	1	624-18-0	1,4-Phenylenediamine dihydrochloride	1
431-86-7	1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225da)	1	624-83-9	Methyl isocyanate	1
460-35-5	3-Chloro-1,1,1-trifluoropropane (HCFC-253fb)	1	630-20-6	1,1,1,2-Tetrachloroethane	0.1
463-58-1	Carbonyl sulfide	1	636-21-5	o-Toluidine hydrochloride	0.1
465-73-6	Isodrin	*	639-58-7	Triphenyltin chloride	1
492-80-8	C.I. Solvent Yellow 34 (Auramine)	0.1	680-31-9	Hexamethylphosphoramide	0.1
505-60-2	Mustard gas	0.1	683-18-1	Dibutyltin dichloride	1
507-55-1	1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)	1	684-93-5	N-Nitroso-N-methylurea	0.1
509-14-8	Tetranitromethane	0.1	709-98-8	Propanil	1
510-15-6	Chlorobenzilate	1	759-73-9	N-Nitroso-N-ethylurea	0.1
528-29-0	o-Dinitrobenzene	1	759-94-4	S-Ethyl dipropylthiocarbamate	1
532-27-4	2-Chloroacetophenone	1	764-41-0	1,4-Dichloro-2-butene	1
533-74-4	Dazomet	1	812-04-4	1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b)	1
534-52-1	4,6-Dinitro-o-cresol	1	834-12-8	Ametryn	1
540-59-0	1,2-Dichloroethylene	1	842-07-9	C.I. Solvent Yellow 14	1
541-41-3	Ethyl chloroformate	1	872-50-4	N-Methyl-2-pyrrolidone	1
541-53-7	2,4-Dithiobiuret (Dithiobiuret)	1	924-16-3	N-Nitrosodi-n-butylamine	0.1
541-73-1	1,3-Dichlorobenzene (m-Dichlorobenzene)	1	924-42-5	N-Methylolacrylamide	0.1
542-75-6	1,3-Dichloropropylene (1,3-Dichloropropene)	0.1	957-51-7	Diphenamid	1
542-76-7	3-Chloropropionitrile	1	961-11-5	Tetrachlorvinphos	0.1
542-88-1	Bis(chloromethyl) ether	0.1	989-38-8	C.I. Basic Red 1	1
554-13-2	Lithium carbonate	1	1114-71-2	Pebulate	1
556-52-5	Glycidol	0.1	1120-71-4	1,3-Propane sultone	0.1
556-61-6	Methyl isothiocyanate	1	1222-05-5	1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta[g]-2-benzopyran	*
563-47-3	3-Chloro-2-methyl-1-propene	0.1	1134-23-2	Cycloate	1
569-64-2	C.I. Basic Green 4 (Malachite green)	1	1163-19-5	Decabromodiphenyl oxide	1
584-84-9	Toluene-2,4-diisocyanate	0.1	1313-27-5	Molybdenum trioxide	0.1
593-60-2	Vinyl bromide	0.1	1314-20-1	Thorium dioxide	1
594-42-3	Perchloromethyl mercaptan	1	1319-77-3	Cresol (mixed isomers)	1
606-20-2	2,6-Dinitrotoluene	0.1	1320-18-9	2,4-D propylene glycol butyl ether ester (2,4-D 2-butoxymethylethyl ester)	0.1
608-93-5	Pentachlorobenzene	*	1330-20-7	Xylene (mixed isomers)	1
612-82-8	3,3'-Dimethylbenzidine dihydrochloride	0.1	1332-21-4	Asbestos (friable)	0.1
612-83-9	3,3'-Dichlorobenzidine dihydrochloride	0.1	1335-87-1	Hexachloronaphthalene	1
615-05-4	2,4-Diaminoanisole	0.1	1336-36-3	Polychlorinated biphenyls	*
			1344-28-1	Aluminum oxide (fibrous forms) (Alumina)	1
			1464-53-5	Diepoxybutane	0.1
			1563-66-2	Carbofuran	1
			1582-09-8	Trifluralin	*
			1634-04-4	Methyl tert-butyl ether	1
			1649-08-7	1,2-Dichloro-1,1-difluoroethane (HCFC-132b)	1
			1689-84-5	Bromoxynil	1

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CASRN	Chemical Name	De minimis % Limit	CASRN	Chemical Name	De minimis % Limit
1689-99-2	Bromoxynil octanoate	1	5234-68-4	Carboxin	1
1717-00-6	1,1-Dichloro-1-fluoroethane (HCFC-141b)	1	5598-13-0	Chlorpyrifos-methyl	1
1836-75-5	Nitrofen	0.1	5902-51-2	Terbacil	1
1861-40-1	Benfluralin	1	6459-94-5	C.I. Acid Red 114	0.1
1897-45-6	Chlorothalonil	0.1	7287-19-6	Prometryn	1
1910-42-5	Paraquat dichloride	1	7429-90-5	Aluminum (fume or dust)	1
1912-24-9	Atrazine	1	7439-92-1	Lead	* see notes
1918-00-9	Dicamba	1	7439-96-5	Manganese	1
1918-02-1	Picloram	1	7439-97-6	Mercury	*
1918-16-7	Propachlor	1	7440-02-0	Nickel	0.1
1928-43-4	2,4-D 2-ethylhexyl ester	0.1	7440-22-4	Silver	1
1929-73-3	2,4-D 2-butoxyethyl ester	0.1	7440-28-0	Thallium	1
1929-82-4	Nitrapyrin	1	7440-36-0	Antimony	1
1937-37-7	C.I. Direct Black 38	0.1	7440-38-2	Arsenic	0.1
1982-69-0	Sodium dicamba	1	7440-39-3	Barium	1
1983-10-4	Tributyltin fluoride	1	7440-41-7	Beryllium	0.1
2032-65-7	Methiocarb	1	7440-43-9	Cadmium	0.1
2155-70-6	Tributyltin methacrylate	1	7440-47-3	Chromium	1
2164-07-0	Dipotassium endothall	1	7440-48-4	Cobalt	0.1
2164-17-2	Fluometuron	1	7440-50-8	Copper	1
2212-67-1	Molinate	1	7440-62-2	Vanadium (except when contained in an alloy)	1
2234-13-1	Octachloronaphthalene	1	7440-66-6	Zinc (fume or dust)	1
2300-66-5	Dimethylamine dicamba	1	7550-45-0	Titanium tetrachloride	1
2303-16-4	Diallate	1	7632-00-0	Sodium nitrite	1
2303-17-5	Triallate	1	7637-07-2	Boron trifluoride	1
2312-35-8	Propargite	1	7647-01-0	Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	1
2439-01-2	Chinomethionate	1	7664-39-3	Hydrogen fluoride (Hydrofluoric acid)	1
2439-10-3	Dodine	1	7664-41-7	Ammonia (includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing)	1
2451-62-9	Triglycidyl isocyanurate	1	7664-93-9	Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)	1
2524-03-0	Dimethyl chlorothiophosphate	1	7696-12-0	Tetramethrin	1
2602-46-2	C.I. Direct Blue 6	0.1	7697-37-2	Nitric acid	1
2655-15-4	2,3,5-Trimethylphenyl methylcarbamate	1	7726-95-6	Bromine	1
2699-79-8	Sulfuryl fluoride	1	7758-01-2	Potassium bromate	0.1
2702-72-9	2,4-D sodium salt	0.1	7782-41-4	Fluorine	1
2832-40-8	C.I. Disperse Yellow 3	1	7782-49-2	Selenium	1
2837-89-0	2-Chloro-1,1,1,2-tetrafluoroethane (HCFC-124)	1	7782-50-5	Chlorine	1
2971-38-2	2,4-D chlorocrotyl ester	0.1	7783-06-4	Hydrogen sulfide	1
3118-97-6	C.I. Solvent Orange 7	1			
3296-90-0	2,2-Bis(bromomethyl)-1,3-propanediol	0.1			
3383-96-8	Temephos	1			
3653-48-3	Methoxone sodium salt	0.1			
3761-53-3	C.I. Food Red 5	0.1			
4080-31-3	1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	1			
4170-30-3	Crotonaldehyde	1			
4549-40-0	N-Nitrosomethylvinylamine	0.1			
4680-78-8	C.I. Acid Green 3	1			
5064-31-3	Nitrilotriacetic acid trisodium salt	0.1			

Table II. EPCRA Section 313 Chemical List for Reporting Year 2024

CASRN	Chemical Name	De minimis % Limit	CASRN	Chemical Name	De minimis % Limit
7786-34-7	Mevinphos	1	26628-22-8	Sodium azide	1
7803-51-2	Phosphine	1	26644-46-2	Triforine	1
8001-35-2	Toxaphene	*	27314-13-2	Norflurazon	1
8001-58-9	Creosote	0.1	28249-77-6	Thiobencarb	1
9006-42-2	Metiram	1	28407-37-6	C.I. Direct Blue 218	0.1
10028-15-6	Ozone	1	28434-00-6	<i>d-trans</i> -Allethrin	1
10034-93-2	Hydrazine sulfate (1:1)	0.1	29082-74-4	Octachlorostyrene	*
10049-04-4	Chlorine dioxide	1	29232-93-7	Pirimiphos-methyl	1
10061-02-6	<i>trans</i> -1,3-Dichloropropene	0.1	30560-19-1	Acephate	1
10294-34-5	Boron trichloride	1	31218-83-4	Propetamphos	1
10453-86-8	Resmethrin	1	33089-61-1	Amitraz	1
12122-67-7	Zineb	1	34014-18-1	Tebuthiuron	1
12185-10-3	Phosphorus (yellow or white)	1	34077-87-7	Dichlorotrifluoroethane	1
12427-38-2	Maneb	1	35367-38-5	Diflubenzuron	1
13194-48-4	Ethoprop	1	35400-43-2	Sulprofos	1
13356-08-6	Fenbutatin oxide	1	35554-44-0	Imazalil	1
13463-40-6	Iron pentacarbonyl	1	35691-65-7	1-Bromo-1-(bromomethyl)-1,3-propanedicarbonitrile	1
13474-88-9	1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC-225cc)	1	38727-55-8	Diethatyl ethyl	1
13674-87-8	Tris(1,3-dichloro-2-propyl) phosphate	1	39156-41-7	2,4-Diaminoanisole sulfate	0.1
13684-56-5	Desmedipham	1	39300-45-3	Dinocap	1
14484-64-1	Ferbam	1	39515-41-8	Fenpropathrin	1
15972-60-8	Alachlor	1	40487-42-1	Pendimethalin	*
16071-86-6	C.I. Direct Brown 95	0.1	41198-08-7	Profenofos	1
16543-55-8	<i>N</i> -Nitrosomonicotine	0.1	41766-75-0	3,3'-Dimethylbenzidine dihydrofluoride	0.1
17804-35-2	Benomyl	1	42874-03-3	Oxyfluorfen	1
19044-88-3	Oryzalin	1	43121-43-3	Triadimefon	1
19666-30-9	Oxadiazon	1	50471-44-8	Vinclozolin	1
20325-40-0	3,3'-Dimethoxybenzidine dihydrochloride	0.1	51235-04-2	Hexazinone	1
20354-26-1	Methazole	1	51338-27-3	Diclofop methyl	1
20816-12-0	Osmium tetroxide	1	51630-58-1	Fenvalerate	1
20859-73-8	Aluminum phosphide	1	52645-53-1	Permethrin	1
21087-64-9	Metribuzin	1	53404-19-6	Bromacil, lithium salt	1
21725-46-2	Cyanazine	1	53404-37-8	2,4-D 2-ethyl-4-methylpentyl ester	0.1
22781-23-3	Bendiocarb	1	53404-60-7	Dazomet, sodium salt	1
23564-05-8	Thiophanate-methyl	1	55290-64-7	Dimethipin	1
23564-06-9	Thiophanate-ethyl	1	55406-53-6	3-Iodo-2-propynyl butylcarbamate	1
23950-58-5	Pronamide	1	57213-69-1	Triclopyr-triethylammonium salt	1
25155-23-1	Tris(dimethylphenol) phosphate	1	59669-26-0	Thiodicarb	1
25311-71-1	Isofenphos	1	60168-88-9	Fenarimol	1
25321-14-6	Dinitrotoluene (mixed isomers)	1	60207-90-1	Propiconazole	1
25321-22-6	Dichlorobenzene (mixed isomers)	0.1	62476-59-9	Acifluorfen, sodium salt	1
25376-45-8	Diaminotoluene (mixed isomers) (Toluenediamine)	0.1	63938-10-3	Chlorotetrafluoroethane	1
26002-80-2	Phenothrin	1	64902-72-3	Chlorsulfuron	1
26471-62-5	Toluene diisocyanate (mixed isomers)	0.1	64969-34-2	3,3'-Dichlorobenzidine sulfate	0.1
			66441-23-4	Fenoxaprop-ethyl	1
			67485-29-4	Hydramethylnon	1
			68085-85-8	Cyhalothrin	1
			68359-37-5	Cyfluthrin	1

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CASRN	Chemical Name	De minimis % Limit
69409-94-5	Fluvalinate	1
69806-50-4	Fluazifop-butyl	1
71751-41-2	Abamectin	1
72178-02-0	Fomesafen	1
72490-01-8	Fenoxycarb	1
74051-80-2	Sethoxydim	1
76578-14-8	Quizalofop-ethyl	1
77501-63-4	Lactofen	1
82657-04-3	Bifenthrin	1
88671-89-0	Myclobutanil	1
90454-18-5	Dichloro-1,1,2-trifluoroethane	1
90982-32-4	Chlorimuron-ethyl	1
101200-48-0	Tribenuron-methyl	1
111512-56-2	1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC-225eb)	1
111984-09-9	3,3'-Dimethoxybenzidine monohydrochloride	0.1
127564-92-5	Dichloropentafluoropropane	1
128903-21-9	2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC-225aa)	1
136013-79-1	1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225ea)	1

c. Chemical Categories

Section 313 requires reporting on the EPCRA Section 313 chemical categories listed below, in addition to the specific EPCRA Section 313 chemicals listed above.

The metal compound categories listed below, unless otherwise specified, are defined as including any unique chemical substance that contains the named metal (e.g., antimony, nickel, etc.) as part of that chemical's structure.

EPCRA Section 313 chemical categories are subject to the 1% *de minimis* concentration unless the substance involved meets the definition of an OSHA carcinogen in which case the 0.1% *de minimis* concentration applies. The *de minimis* concentration for each category is provided in parentheses.

N010 Antimony Compounds (trivalent antimony compounds: 0.1; all other antimony compounds 1.0)

Includes any unique chemical substance that contains antimony as part of that chemical's infrastructure.

N020 Arsenic Compounds (inorganic compounds: 0.1; organic compounds: 1.0)

Includes any unique chemical substance that contains arsenic as part of that chemical's infrastructure.

N040 Barium Compounds (1.0)

Includes any unique chemical substance that contains barium as part of that chemical's infrastructure. This category does not include: Barium sulfate CAS Number 7727-43-7.

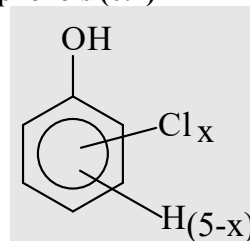
N050 Beryllium Compounds (0.1)

Includes any unique chemical substance that contains beryllium as part of that chemical's infrastructure.

N078 Cadmium Compounds (0.1)

Includes any unique chemical substance that contains cadmium as part of that chemical's infrastructure.

N084 Chlorophenols (0.1)



Where $x = 1$ to 5

N090 Chromium Compounds

(except for chromite ore mined in the Transvaal Region of South Africa and the unreacted ore component of the chromite ore processing residue (COPR). COPR is the solid waste remaining after aqueous extraction of oxidized chromite ore that has been combined with soda ash and kiln roasted at approximately 2,000 °F.) (chromium VI compounds: 0.1; all other chromium compounds: 1.0)

Includes any unique chemical substance that contains chromium as part of that chemical's infrastructure.

N096 Cobalt Compounds (cobalt compounds that release cobalt ions *in vivo*, soluble cobalt(II) salts, and cobalt(II) oxide: 0.1; all other cobalt compounds: 1.0)

Includes any unique chemical substance that

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contains cobalt as part of that chemical's infrastructure.

N100 Copper Compounds (1.0)

Includes any unique chemical substance that contains copper as part of that chemical's infrastructure. This category does not include copper phthalocyanine compounds that are substituted with only hydrogen, and/or chlorine, and/or bromine.

N106 Cyanide Compounds (1.0)

X⁺CN⁻ where X⁺ = any group (except H⁺) where a formal dissociation can be made. For example, KCN or Ca(CN)₂

N120 Diisocyanates (1.0)

This category includes only those chemicals listed below.

CASRN	Chemical Name
38661-72-2	1,3-Bis(methylisocyanate)cyclohexane
10347-54-3	1,4-Bis(methylisocyanate)cyclohexane (1,4-Bis(isocyanatomethyl)cyclohexane)
2556-36-7	1,4-Cyclohexane diisocyanate
134190-37-7	Diethyldiisocyanatobenzene
4128-73-8	4,4'-Diisocyanatodiphenyl ether
75790-87-3	2,4'-Diisocyanatodiphenyl sulfide
91-93-0	3,3'-Dimethoxybenzidine-4,4'-diisocyanate
91-97-4	3,3'-Dimethyl-4,4'-diphenylene diisocyanate
139-25-3	3,3'-Dimethyldiphenylmethane-4,4'-diisocyanate
822-06-0	Hexamethylene-1,6-diisocyanate
4098-71-9	Isophorone diisocyanate
75790-84-0	4-Methyldiphenylmethane-3,4-diisocyanate
5124-30-1	1,1-Methylenebis(4-isocyanatocyclohexane)
101-68-8	4,4'-Methylenedi(phenyl isocyanate)
3173-72-6	1,5-Naphthalene diisocyanate
123-61-5	1,3-Phenylene diisocyanate
104-49-4	1,4-Phenylene diisocyanate
9016-87-9	Polymeric diphenylmethane diisocyanate
16938-22-0	2,2,4-Trimethylhexamethylene diisocyanate
15646-96-5	2,4,4-Trimethylhexamethylene

CASRN	Chemical Name
	diisocyanate

N125 Diisononyl Phthalates (DINP) (1.0)

This category includes branched alkyl diesters of 1,2-benzenedicarboxylic acid in which alkyl ester moieties contain a total of nine carbons. This category includes but is not limited to the chemicals covered by the CAS numbers and names listed below.

CASRN	Chemical Name
28553-12-0	Diisononyl phthalate
71549-78-5	Branched dinonyl phthalate
14103-61-8	Bis(3,5,5-trimethylhexyl) phthalate
68515-48-0	Di(C8-10, C9 rich) branched alkyl phthalates
20548-62-3	Bis(7-methyloctyl) phthalate
111983-10-9	Bis(3-ethylheptan-2-yl) benzene-1,2-dicarboxylate

N150 Dioxin and dioxin-like compounds (Manufacturing; and the processing or otherwise use of dioxin and dioxin-like compounds if the dioxin and dioxin-like compounds are present as contaminants in a chemical and if they were created during the manufacturing of that chemical.) (*)

This category includes only those chemicals listed below. [Note: When completing the Form R Schedule 1, enter the data for each member of the category in the order they are listed here (i.e., 1-17).]

Box #	CASRN	Chemical Name
1	1746-01-6	2,3,7,8-Tetrachlorodibenzo- <i>p</i> -dioxin
2	40321-76-4	1,2,3,7,8-Pentachlorodibenzo- <i>p</i> -dioxin
3	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo- <i>p</i> -dioxin
4	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo- <i>p</i> -dioxin
5	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo- <i>p</i> -dioxin
6	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo- <i>p</i> -dioxin
7	3268-87-9	1,2,3,4,6,7,8,9-Octachlorodibenzo- <i>p</i> -dioxin
8	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran

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Box #	CASRN	Chemical Name
9	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran
10	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran
11	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran
12	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran
13	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran
14	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran
15	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran
16	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran
17	39001-02-0	1,2,3,4,6,7,8,9-Octachlorodibenzofuran

N171 Ethylenedisithiocarbamic acid, salts and esters (EBDCs) (1.0)
Includes any unique chemical substance that contains an EBDC or an EBDC salt as part of that chemical's infrastructure.

N230 Certain Glycol Ethers (1.0)
 $R - (OCH_2CH_2)_n - OR'$
 where:
 n = 1, 2, or 3;
 R = Alkyl C7 or less; or
 R = phenyl or alkyl substituted phenyl;
 R' = H or alkyl C7 or less; or
 OR' consisting of carboxylic acid ester, sulfate, phosphate, nitrate, or sulfonate.

N270 Hexabromocyclododecane (*)
 (This category includes only those chemicals covered by the CAS numbers listed below)

CASRN	Chemical Name
3194-55-6	1,2,5,6,9,10-Hexabromocyclododecane
25637-99-4	Hexabromocyclododecane

N420 Lead Compounds (*)
Includes any unique chemical substance that contains lead as part of that chemical's infrastructure.

N450 Manganese Compounds (1.0)
Includes any unique chemical substance that contains manganese as part of that chemical's infrastructure.

N458 Mercury Compounds (*)
Includes any unique chemical substance that contains mercury as part of that chemical's infrastructure.

N495 Nickel Compounds (0.1)
Includes any unique chemical substance that contains nickel as part of that chemical's infrastructure.

N503 Nicotine and salts (1.0)
Includes any unique chemical substance that contains nicotine or a nicotine salt as part of that chemical's infrastructure.

N511 Nitrate compounds (water dissociable; reportable only when in aqueous solution) (1.0)

N530 Nonylphenol (1.0)
 This category includes only those chemicals listed below.

CASRN	Chemical Name
104-40-5	4-Nonylphenol (<i>p</i> -Nonylphenol)
11066-49-2	Isononylphenol
25154-52-3	Nonylphenol
26543-97-5	4-Isononylphenol
84852-15-3	4-Nonylphenol, branched (Branched <i>p</i> -nonylphenol)
90481-04-2	Nonylphenol, branched

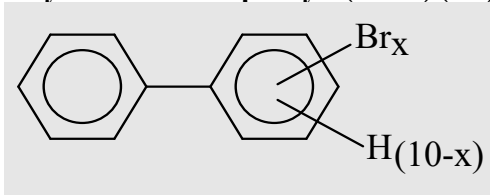
N535 Nonylphenol Ethoxylates (1.0)
 This category includes only those chemicals listed below.

CASRN	Chemical Name
7311-27-5	Ethanol, 2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]-

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CASRN	Chemical Name
9016-45-9	Poly(oxy-1,2-ethanediyl), α -(nonylphenyl)- ω -hydroxy-; (Polyethylene glycol nonylphenyl ether)
20427-84-3	Ethanol, 2-[2-(4-nonylphenoxy)ethoxy]-; (2-[2-(4-Nonylphenoxy)ethoxy]ethanol)
26027-38-3	Poly(oxy-1,2-ethanediyl), α -(4-nonylphenyl)- ω -hydroxy-; (<i>p</i> -Nonylphenol polyethylene glycol ether)
26571-11-9	3,6,9,12,15,18,21,24-Octaoxahexacosan-1-ol, 26-(nonylphenoxy)-
27176-93-8	Ethanol, 2-[2-(nonylphenoxy)ethoxy]-; (Diethylene glycol nonylphenol ether)
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-Nonaaxanonacosan-1-ol, 29-(nonylphenoxy)-
27986-36-3	Ethanol, 2-(nonylphenoxy)-; (2-(Nonylphenoxy)ethanol)
37205-87-1	Poly(oxy-1,2-ethanediyl), α -(isononylphenyl)- ω -hydroxy-
51938-25-1	Poly(oxy-1,2-ethanediyl), α (2-nonylphenyl)- ω -hydroxy-
68412-54-4	Poly(oxy-1,2-ethanediyl), α -(nonylphenyl)- ω -hydroxy-, branched; (Polyethylene glycol mono(branched nonylphenyl) ether)
127087-87-0	Poly(oxy-1,2-ethanediyl), α -(4-nonylphenyl)- ω -hydroxy-, branched; (Polyethylene glycol mono(branched <i>p</i> -nonylphenyl) ether)

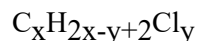
N575 Polybrominated Biphenyls (PBBs) (0.1)



where $x = 1$ to 10

N583 Polychlorinated alkanes (C_{10} to C_{13}) (1.0, except for those members of the category that have an average chain length of 12 carbons and contain an average chlorine content of 60% by weight which are subject to the 0.1% *de minimis*)

Includes those chemicals defined by the following formula:



Where $x = 10$ to 13 ;

$y = 3$ to 12 ; and

where the average chlorine content ranges from 40-70% with the limiting molecular formulas $C_{10}H_{19}Cl_3$ and $C_{13}H_{16}Cl_{12}$

N590 Polycyclic aromatic compounds (PACs) (*)

This category includes the chemicals listed below.

CASRN	Chemical Name
56-55-3	Benz[a]anthracene
205-99-2	Benzo[b]fluoranthene
205-82-3	Benzo[j]fluoranthene
207-08-9	Benzo[k]fluoranthene
206-44-0	Benzo[j,k]fluorine (Fluoranthene)
189-55-9	Benzo[r,s,t]pentaphene (Dibenzo[a,i]pyrene)
218-01-9	Benzo[a]phenanthrene (Chrysene)
50-32-8	Benzo[a]pyrene
226-36-8	Dibenz[a,h]acridine
224-42-0	Dibenz[a,j]acridine
53-70-3	Dibenzo[a,h]anthracene (Dibenzo[a,h]anthracene)
194-59-2	7H-Dibenzo[c,g]carbazole
5385-75-1	Dibenzo[a,e]fluoranthene
192-65-4	Dibenzo[a,e]pyrene
189-64-0	Dibenzo[a,h]pyrene
191-30-0	Dibenzo[a,l]pyrene
57-97-6	7,12-Dimethylbenz[a]anthracene
42397-64-8	1,6-Dinitropyrene
42397-65-9	1,8-Dinitropyrene
193-39-5	Indeno[1,2,3-cd]pyrene
56-49-5	3-Methylcholanthrene
3697-24-3	5-Methylchrysene
7496-02-8	6-Nitrochrysene

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CASRN	Chemical Name
5522-43-0	1-Nitropyrene
57835-92-4	4-Nitropyrene

N725 Selenium Compounds (1.0)

Includes any unique chemical substance that contains selenium as part of that chemical's infrastructure.

N740 Silver Compounds (1.0)

Includes any unique chemical substance that contains silver as part of that chemical's infrastructure.

N746 Strychnine and salts (1.0)

Includes any unique chemical substance that contains strychnine or a strychnine salt as part of that chemical's infrastructure.

N760 Thallium Compounds (1.0)

Includes any unique chemical substance that contains thallium as part of that chemical's infrastructure.

N770 Vanadium Compounds (1.0)

Includes any unique chemical substance that contains vanadium as part of that chemical's infrastructure.

N874 Warfarin and salts (1.0)

Includes any unique chemical substance that contains warfarin or a warfarin salt as part of that chemical's infrastructure.

N982 Zinc Compounds (1.0)

Includes any unique chemical substance that contains zinc as part of that chemical's infrastructure.

d. Individually-Listed PFAS Arranged Alphabetically

Beginning with RY 2024 (forms due by July 1, 2025), PFAS added to TRI pursuant to sections 7321(b) and (c) of the NDAA are classified as chemicals of special concern and are not eligible for the *de minimis* exemption.

CASRN	Chemical Name
2742694-36-4	Acetamide, N-(2-aminoethyl)-, 2-[(γ - ω -perfluoro-C4-20-alkyl)thio] derivs., polymers with N1,N1-dimethyl-1,3-propanediamine, epichlorohydrin and ethylenediamine, oxidized
2738952-61-7	Acetamide, N-[3-(dimethylamino)propyl]-, 2-[(γ - ω -perfluoro-C4-20-alkyl)thio] derivs.
2744262-09-5	Acetic acid, 2-[(γ - ω -perfluoro-C4-20-alkyl)thio] derivs., 2-hydroxypropyl esters
68391-08-2	Alcohols, C8-14, γ - ω -perfluoro
2728655-42-1	Alcohols, C8-16, γ - ω -perfluoro, reaction products with 1,6-diisocyanatohexane, glycidol and stearyl alc.
97659-47-7	Alkenes, C8-14 α -, δ - ω -perfluoro
68188-12-5	Alkyl iodides, C4-20, γ - ω -perfluoro
10495-86-0	Ammonium perfluorobutanoate
21615-47-4	Ammonium perfluorohexanoate
3825-26-1	Ammonium perfluorooctanoate
68515-62-8	1,4-Benzenedicarboxylic acid, dimethyl ester, reaction products with bis(2-hydroxyethyl)terephthalate, ethylene glycol, α -fluoro- ω -(2-hydroxyethyl)poly(difluoromethylene), hexakis(methoxymethyl)melamine and polyethylene glycol
2816091-53-7	Betaines, dimethyl(γ - ω -perfluoro- γ -hydro-C8-18-alkyl)
68187-25-7	Butanoic acid, 4-[[3-(dimethylamino)propyl]amino]-4-oxo-, 2(or 3)-[(γ - ω -perfluoro-C6-20-alkyl)thio] derivs.
383-07-3	2-[Butyl[(heptafluorooctyl)sulfonyl]amino]ethyl acrylate
68141-02-6	Chromium(III) perfluorooctanoate
67584-42-3	Cyclohexanesulfonic acid, decafluoro(pentafluoroethyl)-, potassium salt
68156-07-0	Cyclohexanesulfonic acid, decafluoro(trifluoromethyl)-, potassium salt
68156-01-4	Cyclohexanesulfonic acid, nonafluorobis(trifluoromethyl)-, potassium salt
3107-18-4	Cyclohexanesulfonic acid, undecafluoro-, potassium salt
2043-53-0	Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptafluoro-10-iodo-
67906-42-7	1-Decanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heneicosafuoro-, ammonium salt
27619-90-5	1-Decanesulfonyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluoro-
678-39-7	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluoro-
118400-71-8	Disulfides, bis(γ - ω -perfluoro-C6-20-alkyl)
2043-54-1	Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-12-iodo-
27619-91-6	1-Dodecanesulfonyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-
865-86-1	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-
65104-65-6	1-Eicosanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20,20-heptatriacontafuoro-
65636-35-3	Ethanaminium, <i>N,N</i> -diethyl- <i>N</i> -methyl-2-[(2-methyl-1-oxo-2-propenyl)oxy]-, methyl sulfate, polymer with 2-ethylhexyl 2-methyl-2-propenoate, α -fluoro- ω -[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]poly(difluoromethylene), 2-hydroxyethyl 2-methyl-2-propenoate and <i>N</i> -(hydroxymethyl)-2-propenamide
56773-42-3	Ethanaminium, <i>N,N,N</i> -triethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-1-octanesulfonic acid (1:1)
182176-52-9	Ethaneperoxoic acid, reaction products with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl thiocyanate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl thiocyanate
65530-74-7	Ethanol, 2,2'-iminobis-, compd. with α -fluoro- ω -[2-(phosphonoxy)ethyl]poly(difluoromethylene) (1:1)
65530-63-4	Ethanol, 2,2'-iminobis-, compd. with α -fluoro- ω -[2-(phosphonoxy)ethyl]poly(difluoromethylene) (2:1)

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CASRN	Chemical Name
65530-64-5	Ethanol, 2,2'-iminobis-, compd. with α,α' -[phosphinicobis(oxy-2,1-ethanediyl)]bis[ω -fluoropoly(difluoromethylene)] (1:1)
423-82-5	2-[Ethyl]heptadecafluorooctylsulfonylethyl acrylate
376-14-7	2-[Ethyl]heptadecafluorooctylsulfonylethyl methacrylate
1691-99-2	N-Ethyl-N-(2-hydroxyethyl)perfluorooctanesulfonamide
72623-77-9	Fatty acids, C6-18, perfluoro, ammonium salts
72968-38-8	Fatty acids, C7-13, perfluoro, ammonium salts
178535-23-4	Fatty acids, linseed-oil, γ - ω -perfluoro-C8-14-alkyl esters
2991-51-7	Glycine, N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]-, potassium salt
67584-62-7	Glycine, N-ethyl-N-[(pentadecafluoroheptyl)sulfonyl]-, potassium salt
67584-53-6	Glycine, N-ethyl-N-[(tridecafluorohexyl)sulfonyl]-, potassium salt
67584-52-5	Glycine, N-ethyl-N-[(undecafluoropentyl)sulfonyl]-, potassium salt
55910-10-6	Glycine, N-[(heptadecafluorooctyl)sulfonyl]-N-propyl-, potassium salt
1652-63-7	3-[[[(Heptadecafluorooctyl)sulfonyl]amino]-N,N,N-trimethyl-1-propanaminium iodide
25268-77-3	2-[[[(Heptadecafluorooctyl)sulfonyl]methylamino]ethyl acrylate
68957-62-0	1-Heptanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-
68555-76-0	1-Heptanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-(2-hydroxyethyl)-N-methyl-
68259-07-4	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, ammonium salt
70225-15-9	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)
60270-55-5	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, potassium salt
335-71-7	1-Heptanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-
65510-55-6	Hexadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14-nonacosafuoro-16-iodo-
60699-51-6	1-Hexadecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafuoro-
13252-13-6	Hexafluoropropylene oxide dimer acid
62037-80-3	Hexafluoropropylene oxide dimer acid ammonium salt
135228-60-3	Hexane, 1,6-diisocyanato-, homopolymer, γ - ω -perfluoro-C6-20-alc.-blocked
68555-75-9	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-methyl-
68259-08-5	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, ammonium salt
70225-16-0	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)
3871-99-6	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, potassium salt
90076-65-6	Lithium bis[(trifluoromethyl)sulfonyl] azanide
29457-72-5	Lithium (perfluorooctane)sulfonate
376-27-2	Methyl perfluorooctanoate
17202-41-4	1-Nonanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluoro-, ammonium salt
16517-11-6	Octadecanoic acid, pentatriacontafluoro-
65104-67-8	1-Octadecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,18-tritriacontafluoro-
2263-09-4	1-Octanesulfonamide, N-butyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-
178094-69-4	1-Octanesulfonamide, N-[3-(dimethyloxidoamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, potassium salt
67969-69-1	1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-[2-(phosphonoxy)ethyl]-, diammonium salt
61660-12-6	1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-[3-(trimethoxysilyl)propyl]-
24448-09-7	1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-N-methyl-
31506-32-8	1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-methyl-
29081-56-9	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, ammonium salt

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CASRN	Chemical Name
70225-14-8	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)
335-66-0	Octanoyl fluoride, pentafluoro-
68555-74-8	1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro- <i>N</i> -(2-hydroxyethyl)- <i>N</i> -methyl-
68259-09-6	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, ammonium salt
70225-17-1	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)
3872-25-1	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, potassium salt
71608-60-1	Pentanoic acid, 4,4-bis[(γ - ω -perfluoro-C8-20-alkyl)thio] derivs.
45187-15-3	Perfluorobutanesulfonate
375-73-5	Perfluorobutane sulfonic acid
45048-62-2	Perfluorobutanoate
375-22-4	Perfluorobutanoic acid
335-76-2	Perfluorodecanoic acid
307-55-1	Perfluorododecanoic acid
355-46-4	Perfluorohexanesulfonic acid
307-24-4	Perfluorohexanoic acid
375-95-1	Perfluorononanoic acid
1763-23-1	Perfluorooctane sulfonic acid
335-67-1	Perfluorooctanoic acid
21652-58-4	Perfluorooctyl ethylene
507-63-1	Perfluorooctyl iodide
307-35-7	Perfluorooctylsulfonyl fluoride
67905-19-5	Perfluoropalmitic acid
422-64-0	Perfluoropropanoic acid
376-06-7	Perfluorotetradecanoic acid
68412-69-1	Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivs.
68412-68-0	Phosphonic acid, perfluoro-C6-12-alkyl derivs.
74499-44-8	Phosphoric acid, γ - ω -perfluoro-C8-16-alkyl esters, compds. with diethanolamine
123171-68-6	Poly(difluoromethylene), α -[2-(acetyloxy)-3-[(carboxymethyl)dimethylammonio]propyl]- ω -fluoro-, inner salt
65530-83-8	Poly(difluoromethylene), α -[2-[(2-carboxyethyl)thio]ethyl]- ω -fluoro-
65530-69-0	Poly(difluoromethylene), α -[2-[(2-carboxyethyl)thio]ethyl]- ω -fluoro-, lithium salt
65605-56-3	Poly(difluoromethylene), α -fluoro- ω -(2-hydroxyethyl)-, dihydrogen 2-hydroxy-1,2,3-propanetricarboxylate
65605-57-4	Poly(difluoromethylene), α -fluoro- ω -(2-hydroxyethyl)-, hydrogen 2-hydroxy-1,2,3-propanetricarboxylate
65530-59-8	Poly(difluoromethylene), α -fluoro- ω -(2-hydroxyethyl)-, 2-hydroxy-1,2,3-propanetricarboxylate (3:1)
65530-66-7	Poly(difluoromethylene), α -fluoro- ω -[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]-
65530-65-6	Poly(difluoromethylene), α -fluoro- ω -[2-[(1-oxooctadecyl)oxy]ethyl]-
65605-73-4	Poly(difluoromethylene), α -fluoro- ω -[2-[(1-oxo-2-propenyl)oxy]ethyl]-, homopolymer
65530-61-2	Poly(difluoromethylene), α -fluoro- ω -[2-(phosphonooxy)ethyl]-
95144-12-0	Poly(difluoromethylene), α -fluoro- ω -[2-(phosphonooxy)ethyl]-, ammonium salt
65530-72-5	Poly(difluoromethylene), α -fluoro- ω -[2-(phosphonooxy)ethyl]-, diammonium salt
65530-71-4	Poly(difluoromethylene), α -fluoro- ω -[2-(phosphonooxy)ethyl]-, monoammonium salt
80010-37-3	Poly(difluoromethylene), α -fluoro- ω -[2-sulphoethyl]-
65530-62-3	Poly(difluoromethylene), α,α' -[phosphinicobis(oxy-2,1-ethanediyl)]bis[ω -fluoro-
65530-70-3	Poly(difluoromethylene), α,α' -[phosphinicobis(oxy-2,1-ethanediyl)]bis[ω -fluoro-, ammonium salt
29117-08-6	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(heptafluorooctyl)sulfonyl]amino]ethyl]- ω -hydroxy-
68958-61-2	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(heptafluorooctyl)sulfonyl]amino]ethyl]- ω -methoxy-
68298-81-7	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(pentafluoroheptyl)sulfonyl]amino]ethyl]- ω -hydroxy-
68958-60-1	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(pentafluoroheptyl)sulfonyl]amino]ethyl]- ω -methoxy-
56372-23-7	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl]- ω -hydroxy-
68298-80-6	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl]- ω -hydroxy-

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CASRN	Chemical Name
65545-80-4	Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy-, ether with α -fluoro- ω -(2-hydroxyethyl)poly(difluoromethylene) (1:1)
70983-59-4	Poly(oxy-1,2-ethanediyl), α -methyl- ω -hydroxy-, 2-hydroxy-3-[(γ - ω -perfluoro-C6-20-alkyl)thio]propyl ethers
37338-48-0	Poly[oxy(methyl-1,2-ethanediyl)], α -[2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl]- ω -hydroxy-
68259-39-2	Poly[oxy(methyl-1,2-ethanediyl)], α -[2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl]- ω -hydroxy-
68259-38-1	Poly[oxy(methyl-1,2-ethanediyl)], α -[2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl]- ω -hydroxy-
68310-17-8	Poly[oxy(methyl-1,2-ethanediyl)], α -[2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl]- ω -hydroxy-
2966-54-3	Potassium heptafluorobutanoate
29420-49-3	Potassium perfluorobutane sulfonate
2795-39-3	Potassium perfluorooctanesulfonate
2395-00-8	Potassium perfluorooctanoate
1078715-61-3	1-Propanaminium, 3-amino- <i>N</i> -(carboxymethyl)- <i>N,N</i> -dimethyl-, <i>N</i> -[2-[(γ - ω -perfluoro-C4-20-alkyl)thio]acetyl] derivs., inner salts
38006-74-5	1-Propanaminium, 3-[(heptadecafluorooctyl)sulfonyl]amino]- <i>N,N,N</i> -trimethyl-, chloride
70983-60-7	1-Propanaminium, 2-hydroxy- <i>N,N,N</i> -trimethyl-, 3-[(γ - ω -perfluoro-C6-20-alkyl)thio] derivs., chlorides
68555-81-7	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[(pentadecafluoroheptyl)sulfonyl]amino]-, chloride
67584-58-1	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[(pentadecafluoroheptyl)sulfonyl]amino]-, iodide
52166-82-2	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[(tridecafluorohexyl)sulfonyl]amino]-, chloride
68957-58-4	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[(tridecafluorohexyl)sulfonyl]amino]-, iodide
68957-55-1	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[(undecafluoropentyl)sulfonyl]amino]-, chloride
68957-57-3	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[(undecafluoropentyl)sulfonyl]amino]-, iodide
238420-80-9	Propanedioic acid, mono(γ - ω -perfluoro-C8-12-alkyl) derivs., bis[4-(ethenyl)oxy]butyl] esters
238420-68-3	Propanedioic acid, mono(γ - ω -perfluoro-C8-12-alkyl) derivs., di-me esters
148240-85-1	1,3-Propanediol, 2,2-bis[(γ - ω -perfluoro-C4-10-alkyl)thio]methyl] derivs., phosphates, ammonium salts
148240-87-3	1,3-Propanediol, 2,2-bis[(γ - ω -perfluoro-C6-12-alkyl)thio]methyl] derivs., phosphates, ammonium salts
1078142-10-5	1,3-Propanediol, 2,2-bis[(γ - ω -perfluoro-C6-12-alkyl)thio]methyl] derivs., polymers with 2,2-bis[(γ - ω -perfluoro-C10-20-alkyl)thio]methyl]-1,3-propanediol, 1,6-diisocyanato-2,2,4(or 2,4,4)-trimethylhexane, 2-heptyl-3,4-bis(9-isocyanatononyl)-1-pentylcyclohexane and 2,2'-(methylimino)bis[ethanol]
148240-89-5	1,3-Propanediol, 2,2-bis[(γ - ω -perfluoro-C10-20-alkyl)thio]methyl] derivs., phosphates, ammonium salts
68187-47-3	1-Propanesulfonic acid, 2-methyl-, 2-[1-oxo-3-[(γ - ω -perfluoro-C4-16-alkyl)thio]propyl]amino] derivs., sodium salts
68227-96-3	2-Propenoic acid, butyl ester, telomer with 2-[[[heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, α -(2-methyl-1-oxo-2-propenyl)- ω -hydroxypoly(oxy-1,4-butanediyl), α -(2-methyl-1-oxo-2-propenyl)- ω -[(2-methyl-1-oxo-2-propenyl)oxy]poly(oxy-1,4-butanediyl), 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and 1-octanethiol
68298-62-4	2-Propenoic acid, 2-[butyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl ester, telomer with 2-[butyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, methyloxirane polymer with oxirane di-2-propenoate, methyloxirane polymer with oxirane mono-2-propenoate and 1-octanethiol
65605-58-5	2-Propenoic acid, esters, 2-methyl-, dodecyl ester, polymer with α -fluoro- ω -[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]poly(difluoromethylene)
59071-10-2	2-Propenoic acid, 2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl ester

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CASRN	Chemical Name
68867-60-7	2-Propenoic acid, 2-[[heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, polymer with 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and α -(1-oxo-2-propenyl)- ω -methoxypoly(oxy-1,2-ethanediyl)
150135-57-2	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with Bu acrylate, γ - ω -perfluoro-C8-14-alkyl acrylate and polyethylene glycol monomethacrylate, 2,2'-azobis[2,4-dimethylpentanenitrile]-initiated
196316-34-4	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with γ - ω -perfluoro-C10-16-alkyl acrylate and vinyl acetate, acetates
65605-59-6	2-Propenoic acid, 2-methyl-, dodecyl ester, polymer with α -fluoro- ω -[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]poly(difluoromethylene) and <i>N</i> -(hydroxymethyl)-2-propenamide
68555-91-9	2-Propenoic acid, 2-methyl-, 2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl ester, polymer with 2-[ethyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate and octadecyl 2-methyl-2-propenoate
68239-43-0	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymer with α -fluoro- ω -[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]poly(difluoromethylene), 2-hydroxyethyl 2-methyl-2-propenoate and <i>N</i> -(hydroxymethyl)-2-propenamide
2144-54-9	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl ester
65104-45-2	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-methyl-2-propenoate, methyl 2-methyl-2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl 2-methyl-2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2-propenoate
1996-88-9	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester
203743-03-7	2-Propenoic acid, 2-methyl-, hexadecyl ester, polymers with 2-hydroxyethyl methacrylate, γ - ω -perfluoro-C10-16-alkyl acrylate and stearyl methacrylate
4980-53-4	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafuorohexadecyl ester
142636-88-2	2-Propenoic acid, 2-methyl-, octadecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl 2-propenoate
6014-75-1	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl ester
68084-62-8	2-Propenoic acid, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl ester
200513-42-4	2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, 2-hydroxyethyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate
67584-57-0	2-Propenoic acid, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl ester
67584-56-9	2-Propenoic acid, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl ester
61798-68-3	Pyridinium, 1-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-, salt with 4-methylbenzenesulfonic acid (1:1)
83048-65-1	Silane, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)trimethoxy-
78560-44-8	Silane, trichloro(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-
125476-71-3	Silicic acid (H ₄ SiO ₄), disodium salt, reaction products with chlorotrimethylsilane and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-1-decanol
143372-54-7	Siloxanes and Silicones, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)oxy Me, hydroxy Me, Me octyl, ethers with polyethylene glycol mono-Me ether
335-93-3	Silver(I) perfluorooctanoate

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CASRN	Chemical Name
2218-54-4	Sodium perfluorobutanoate
2923-26-4	Sodium perfluorohexanoate
335-95-5	Sodium perfluorooctanoate
4151-50-2	Sulfluramid
180582-79-0	Sulfonic acids, C6-12-alkane, γ - ω -perfluoro, ammonium salts
30046-31-2	Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-pentacosafuoro-14-iodo-
68758-57-6	1-Tetradecanesulfonyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuoro-
39239-77-5	1-Tetradecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuoro-
27905-45-9	1,1,2,2-Tetrahydroperfluorodecyl acrylate
17741-60-5	1,1,2,2-Tetrahydroperfluorododecyl acrylate
34362-49-7	1,1,2,2-Tetrahydroperfluorohexadecyl acrylate
34395-24-9	1,1,2,2-Tetrahydroperfluorotetradecyl acrylate
97553-95-2	Thiocyanic acid, γ - ω -perfluoro-C4-20-alkyl esters
68140-18-1	Thiols, C4-10, γ - ω -perfluoro
1078712-88-5	Thiols, C4-20, γ - ω -perfluoro, telomers with acrylamide and acrylic acid, sodium salts
68140-20-5	Thiols, C6-12, γ - ω -perfluoro
70969-47-0	Thiols, C8-20, γ - ω -perfluoro, telomers with acrylamide
68140-21-6	Thiols, C10-20, γ - ω -perfluoro
82113-65-3	1,1,1-Trifluoro-N-[(trifluoromethyl)sulfonyl] methanesulfonamide

e. Individually-Listed PFAS Arranged by CASRN

Beginning with RY 2024 (forms due by July 1, 2025), PFAS added to TRI pursuant to sections 7321(b) and (c) of the NDAA are classified as chemicals of special concern and are not eligible for the *de minimis* exemption.

CASRN	Chemical Name
307-24-4	Perfluorohexanoic acid
307-35-7	Perfluorooctylsulfonyl fluoride
307-55-1	Perfluorododecanoic acid
335-66-0	Octanoyl fluoride, pentadecafluoro-
335-67-1	Perfluorooctanoic acid
335-71-7	1-Heptanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-
335-76-2	Perfluorodecanoic acid
335-93-3	Silver(I) perfluorooctanoate
335-95-5	Sodium perfluorooctanoate
355-46-4	Perfluorohexanesulfonic acid
375-22-4	Perfluorobutanoic acid
375-73-5	Perfluorobutane sulfonic acid
375-95-1	Perfluorononanoic acid
376-06-7	Perfluorotetradecanoic acid
376-14-7	2-[Ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl methacrylate
376-27-2	Methyl perfluorooctanoate
383-07-3	2-[Butyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl acrylate
422-64-0	Perfluoropropanoic acid
423-82-5	2-[Ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl acrylate
507-63-1	Perfluorooctyl iodide
678-39-7	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-
865-86-1	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-
1652-63-7	3-[[[(Heptadecafluorooctyl)sulfonyl]amino]-N,N,N-trimethyl-1-propanaminium iodide
1691-99-2	N-Ethyl-N-(2-hydroxyethyl)perfluorooctanesulfonamide
1763-23-1	Perfluorooctane sulfonic acid
1996-88-9	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester
2043-53-0	Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-iodo-
2043-54-1	Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-12-iodo-

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CASRN	Chemical Name
2144-54-9	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl ester
2218-54-4	Sodium perfluorobutanoate
2263-09-4	1-Octanesulfonamide, N-butyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-
2395-00-8	Potassium perfluorooctanoate
2795-39-3	Potassium perfluorooctanesulfonate
2923-26-4	Sodium perfluorohexanoate
2966-54-3	Potassium heptafluorobutanoate
2991-51-7	Glycine, N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]-, potassium salt
3107-18-4	Cyclohexanesulfonic acid, undecafluoro-, potassium salt
3825-26-1	Ammonium perfluorooctanoate
3871-99-6	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, potassium salt
3872-25-1	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, potassium salt
4151-50-2	Sulfluramid
4980-53-4	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafuorohexadecyl ester
6014-75-1	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl ester
10495-86-0	Ammonium perfluorobutanoate
13252-13-6	Hexafluoropropylene oxide dimer acid
16517-11-6	Octadecanoic acid, pentatriacontafuoro-
17202-41-4	1-Nonanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluoro-, ammonium salt
17741-60-5	1,1,2,2-Tetrahydroperfluorododecyl acrylate
21615-47-4	Ammonium perfluorohexanoate
21652-58-4	Perfluorooctyl ethylene
24448-09-7	1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-N-methyl-
25268-77-3	2-[[[(Heptadecafluorooctyl)sulfonyl]methylamino]ethyl acrylate
27619-90-5	1-Decanesulfonyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-
27619-91-6	1-Dodecanesulfonyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-
27905-45-9	1,1,2,2-Tetrahydroperfluorodecyl acrylate
29081-56-9	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, ammonium salt
29117-08-6	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl]- ω -hydroxy-
29420-49-3	Potassium perfluorobutane sulfonate
29457-72-5	Lithium (perfluorooctane)sulfonate
30046-31-2	Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-pentacosafuoro-14-iodo-
31506-32-8	1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-methyl-
34362-49-7	1,1,2,2-Tetrahydroperfluorohexadecyl acrylate
34395-24-9	1,1,2,2-Tetrahydroperfluorotetradecyl acrylate
37338-48-0	Poly[oxy(methyl-1,2-ethanediyl)], α -[2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl]- ω -hydroxy-
38006-74-5	1-Propanaminium, 3-[[[(heptadecafluorooctyl)sulfonyl]amino]-N,N,N-trimethyl]-, chloride
39239-77-5	1-Tetradecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuoro-
45048-62-2	Perfluorobutanoate
45187-15-3	Perfluorobutanesulfonate
52166-82-2	1-Propanaminium, N,N,N-trimethyl-3-[[[(tridecafluorohexyl)sulfonyl]amino]-], chloride
55910-10-6	Glycine, N-[(heptadecafluorooctyl)sulfonyl]-N-propyl-, potassium salt
56372-23-7	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl]- ω -hydroxy-
56773-42-3	Ethanaminium, N,N,N-triethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonic acid (1:1)
59071-10-2	2-Propenoic acid, 2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl ester
60270-55-5	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, potassium salt

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CASRN	Chemical Name
60699-51-6	1-Hexadecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafuoro-
61660-12-6	1-Octanesulfonamide, <i>N</i> -ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro- <i>N</i> -[3-(trimethoxysilyl)propyl]-
61798-68-3	Pyridinium, 1-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-, salt with 4-methylbenzenesulfonic acid (1:1)
62037-80-3	Hexafluoropropylene oxide dimer acid ammonium salt
65104-45-2	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-methyl-2-propenoate, methyl 2-methyl-2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl 2-methyl-2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2-propenoate
65104-65-6	1-Eicosanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20,20-heptatriacontafuoro-
65104-67-8	1-Octadecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,18-tritriacontafuoro-
65510-55-6	Hexadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14-nonacosafuoro-16-iodo-
65530-59-8	Poly(difluoromethylene), α -fluoro- ω -(2-hydroxyethyl)-, 2-hydroxy-1,2,3-propanetricarboxylate (3:1)
65530-61-2	Poly(difluoromethylene), α -fluoro- ω -[2-(phosphonooxy)ethyl]-
65530-62-3	Poly(difluoromethylene), α,α' -[phosphinobis(oxy-2,1-ethanediyl)]bis[ω -fluoro-
65530-63-4	Ethanol, 2,2'-iminobis-, compd. with α -fluoro- ω -[2-(phosphonooxy)ethyl]poly(difluoromethylene) (2:1)
65530-64-5	Ethanol, 2,2'-iminobis-, compd. with α,α' -[phosphinobis(oxy-2,1-ethanediyl)]bis[ω -fluoropoly(difluoromethylene)] (1:1)
65530-65-6	Poly(difluoromethylene), α -fluoro- ω -[2-[(1-oxooctadecyl)oxy]ethyl]-
65530-66-7	Poly(difluoromethylene), α -fluoro- ω -[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]-
65530-69-0	Poly(difluoromethylene), α -[2-[(2-carboxyethyl)thio]ethyl]- ω -fluoro-, lithium salt
65530-70-3	Poly(difluoromethylene), α,α' -[phosphinobis(oxy-2,1-ethanediyl)]bis[ω -fluoro-, ammonium salt
65530-71-4	Poly(difluoromethylene), α -fluoro- ω -[2-(phosphonooxy)ethyl]-, monoammonium salt
65530-72-5	Poly(difluoromethylene), α -fluoro- ω -[2-(phosphonooxy)ethyl]-, diammonium salt
65530-74-7	Ethanol, 2,2'-iminobis-, compd. with α -fluoro- ω -[2-(phosphonooxy)ethyl]poly(difluoromethylene) (1:1)
65530-83-8	Poly(difluoromethylene), α -[2-[(2-carboxyethyl)thio]ethyl]- ω -fluoro-
65545-80-4	Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy-, ether with α -fluoro- ω -(2-hydroxyethyl)poly(difluoromethylene) (1:1)
65605-56-3	Poly(difluoromethylene), α -fluoro- ω -(2-hydroxyethyl)-, dihydrogen 2-hydroxy-1,2,3-propanetricarboxylate
65605-57-4	Poly(difluoromethylene), α -fluoro- ω -(2-hydroxyethyl)-, hydrogen 2-hydroxy-1,2,3-propanetricarboxylate
65605-58-5	2-Propenoic acid, esters, 2-methyl-, dodecyl ester, polymer with α -fluoro- ω -[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]poly(difluoromethylene)
65605-59-6	2-Propenoic acid, 2-methyl-, dodecyl ester, polymer with α -fluoro- ω -[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]poly(difluoromethylene) and <i>N</i> -(hydroxymethyl)-2-propenamide
65605-73-4	Poly(difluoromethylene), α -fluoro- ω -[2-[(1-oxo-2-propenyl)oxy]ethyl]-, homopolymer
65636-35-3	Ethanaminium, <i>N,N</i> -diethyl- <i>N</i> -methyl-2-[(2-methyl-1-oxo-2-propenyl)oxy]-, methyl sulfate, polymer with 2-ethylhexyl 2-methyl-2-propenoate, α -fluoro- ω -[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]poly(difluoromethylene), 2-hydroxyethyl 2-methyl-2-propenoate and <i>N</i> -(hydroxymethyl)-2-propenamide
67584-42-3	Cyclohexanesulfonic acid, decafluoro(pentafluoroethyl)-, potassium salt
67584-52-5	Glycine, <i>N</i> -ethyl- <i>N</i> -[(undecafluoropentyl)sulfonyl]-, potassium salt
67584-53-6	Glycine, <i>N</i> -ethyl- <i>N</i> -[(tridecafluorohexyl)sulfonyl]-, potassium salt

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CASRN	Chemical Name
67584-56-9	2-Propenoic acid, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl ester
67584-57-0	2-Propenoic acid, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl ester
67584-58-1	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[[pentadecafluoroheptyl)sulfonyl]amino]-, iodide
67584-62-7	Glycine, <i>N</i> -ethyl- <i>N</i> -[(pentadecafluoroheptyl)sulfonyl]-, potassium salt
67905-19-5	Perfluoropalmitic acid
67906-42-7	1-Decanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heneicosafuoro-, ammonium salt
67969-69-1	1-Octanesulfonamide, <i>N</i> -ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro- <i>N</i> -[2-(phosphonooxy)ethyl]-, diammonium salt
68084-62-8	2-Propenoic acid, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl ester
68140-18-1	Thiols, C4-10, γ - ω -perfluoro
68140-20-5	Thiols, C6-12, γ - ω -perfluoro
68140-21-6	Thiols, C10-20, γ - ω -perfluoro
68141-02-6	Chromium(III) perfluorooctanoate
68156-01-4	Cyclohexanesulfonic acid, nonafluorobis(trifluoromethyl)-, potassium salt
68156-07-0	Cyclohexanesulfonic acid, decafluoro(trifluoromethyl)-, potassium salt
68187-25-7	Butanoic acid, 4-[[3-(dimethylamino)propyl]amino]-4-oxo-, 2(or 3)-[(γ - ω -perfluoro-C6-20-alkyl)thio] derivs.
68187-47-3	1-Propanesulfonic acid, 2-methyl-, 2-[[1-oxo-3-[(γ - ω -perfluoro-C4-16-alkyl)thio]propyl]amino] derivs., sodium salts
68188-12-5	Alkyl iodides, C4-20, γ - ω -perfluoro
68227-96-3	2-Propenoic acid, butyl ester, telomer with 2-[[heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, α -(2-methyl-1-oxo-2-propenyl)- ω -hydroxypoly(oxy-1,4-butanediyl), α -(2-methyl-1-oxo-2-propenyl)- ω -[(2-methyl-1-oxo-2-propenyl)oxy]poly(oxy-1,4-butanediyl), 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and 1-octanethiol
68239-43-0	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymer with α -fluoro- ω -[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]poly(difluoromethylene), 2-hydroxyethyl 2-methyl-2-propenoate and <i>N</i> -(hydroxymethyl)-2-propenamides
68259-07-4	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, ammonium salt
68259-08-5	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, ammonium salt
68259-09-6	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, ammonium salt
68259-38-1	Poly[oxy(methyl-1,2-ethanediyl)], α -[2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl]- ω -hydroxy-
68259-39-2	Poly[oxy(methyl-1,2-ethanediyl)], α -[2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl]- ω -hydroxy-
68298-62-4	2-Propenoic acid, 2-[butyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl ester, telomer with 2-[butyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, methyloxirane polymer with oxirane di-2-propenoate, methyloxirane polymer with oxirane mono-2-propenoate and 1-octanethiol
68298-80-6	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl]- ω -hydroxy-
68298-81-7	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl]- ω -hydroxy-
68310-17-8	Poly[oxy(methyl-1,2-ethanediyl)], α -[2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl]- ω -hydroxy-
68391-08-2	Alcohols, C8-14, γ - ω -perfluoro
68412-68-0	Phosphonic acid, perfluoro-C6-12-alkyl derivs.
68412-69-1	Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivs.
68515-62-8	1,4-Benzenedicarboxylic acid, dimethyl ester, reaction products with bis(2-hydroxyethyl)terephthalate, ethylene glycol, α -fluoro- ω -(2-hydroxyethyl)poly(difluoromethylene), hexakis(methoxymethyl)melamine and polyethylene glycol
68555-74-8	1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro- <i>N</i> -(2-hydroxyethyl)- <i>N</i> -methyl-

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CASRN	Chemical Name
68555-75-9	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro- <i>N</i> -(2-hydroxyethyl)- <i>N</i> -methyl-
68555-76-0	1-Heptanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro- <i>N</i> -(2-hydroxyethyl)- <i>N</i> -methyl-
68555-81-7	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[[pentadecafluoroheptyl)sulfonyl]amino]-, chloride
68555-91-9	2-Propenoic acid, 2-methyl-, 2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl ester, polymer with 2-[ethyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate and octadecyl 2-methyl-2-propenoate
68758-57-6	1-Tetradecanesulfonyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuoro-
68867-60-7	2-Propenoic acid, 2-[[heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, polymer with 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and α -(1-oxo-2-propenyl)- ω -methoxypoly(oxy-1,2-ethanediyl)
68957-55-1	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[[undecafluoropentyl)sulfonyl]amino]-, chloride
68957-57-3	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[[undecafluoropentyl)sulfonyl]amino]-, iodide
68957-58-4	1-Propanaminium, <i>N,N,N</i> -trimethyl-3-[[tridecafluorohexyl)sulfonyl]amino]-, iodide
68957-62-0	1-Heptanesulfonamide, <i>N</i> -ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-
68958-60-1	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl]- ω -methoxy-
68958-61-2	Poly(oxy-1,2-ethanediyl), α -[2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl]- ω -methoxy-
70225-14-8	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)
70225-15-9	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)
70225-16-0	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)
70225-17-1	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)
70969-47-0	Thiols, C8-20, γ - ω -perfluoro, telomers with acrylamide
70983-59-4	Poly(oxy-1,2-ethanediyl), α -methyl- ω -hydroxy-, 2-hydroxy-3-[(γ - ω -perfluoro-C6-20-alkyl)thio]propyl ethers
70983-60-7	1-Propanaminium, 2-hydroxy- <i>N,N,N</i> -trimethyl-, 3-[(γ - ω -perfluoro-C6-20-alkyl)thio] derivs., chlorides
71608-60-1	Pentanoic acid, 4,4-bis[(γ - ω -perfluoro-C8-20-alkyl)thio] derivs.
72623-77-9	Fatty acids, C6-18, perfluoro, ammonium salts
72968-38-8	Fatty acids, C7-13, perfluoro, ammonium salts
74499-44-8	Phosphoric acid, γ - ω -perfluoro-C8-16-alkyl esters, compds. with diethanolamine
78560-44-8	Silane, trichloro(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-
80010-37-3	Poly(difluoromethylene), α -fluoro- ω -[2-sulphoethyl]-
82113-65-3	1,1,1-Trifluoro- <i>N</i> -[(trifluoromethyl)sulfonyl] methanesulfonamide
83048-65-1	Silane, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)trimethoxy-
90076-65-6	Lithium bis[(trifluoromethyl)sulfonyl] azanide
95144-12-0	Poly(difluoromethylene), α -fluoro- ω -[2-(phosphonooxy)ethyl]-, ammonium salt
97553-95-2	Thiocyanic acid, γ - ω -perfluoro-C4-20-alkyl esters
97659-47-7	Alkenes, C8-14 α -, δ - ω -perfluoro
118400-71-8	Disulfides, bis(γ - ω -perfluoro-C6-20-alkyl)
123171-68-6	Poly(difluoromethylene), α -[2-(acetyloxy)-3-[(carboxymethyl)dimethylammonio]propyl]- ω -fluoro-, inner salt
125476-71-3	Silicic acid (H ₄ SiO ₄), disodium salt, reaction products with chlorotrimethylsilane and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-1-decanol

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CASRN	Chemical Name
135228-60-3	Hexane, 1,6-diisocyanato-, homopolymer, γ - ω -perfluoro-C6-20-alc.-blocked
142636-88-2	2-Propenoic acid, 2-methyl-, octadecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorododecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl 2-propenoate
143372-54-7	Siloxanes and Silicones, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorododecyl)oxy Me, hydroxy Me, Me octyl, ethers with polyethylene glycol mono-Me ether
148240-85-1	1,3-Propanediol, 2,2-bis[[(γ - ω -perfluoro-C4-10-alkyl)thio]methyl] derivs., phosphates, ammonium salts
148240-87-3	1,3-Propanediol, 2,2-bis[[(γ - ω -perfluoro-C6-12-alkyl)thio]methyl] derivs., phosphates, ammonium salts
148240-89-5	1,3-Propanediol, 2,2-bis[[(γ - ω -perfluoro-C10-20-alkyl)thio]methyl] derivs., phosphates, ammonium salts
150135-57-2	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with Bu acrylate, γ - ω -perfluoro-C8-14-alkyl acrylate and polyethylene glycol monomethacrylate, 2,2'-azobis[2,4-dimethylpentanenitrile]-initiated
178094-69-4	1-Octanesulfonamide, N-[3-(dimethyloxidoamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, potassium salt
178535-23-4	Fatty acids, linseed-oil, γ - ω -perfluoro-C8-14-alkyl esters
180582-79-0	Sulfonic acids, C6-12-alkane, γ - ω -perfluoro, ammonium salts
182176-52-9	Ethaneperoxoic acid, reaction products with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorododecyl thiocyanate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl thiocyanate
196316-34-4	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with γ - ω -perfluoro-C10-16-alkyl acrylate and vinyl acetate, acetates
200513-42-4	2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorododecyl 2-propenoate, 2-hydroxyethyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate
203743-03-7	2-Propenoic acid, 2-methyl-, hexadecyl ester, polymers with 2-hydroxyethyl methacrylate, γ - ω -perfluoro-C10-16-alkyl acrylate and stearyl methacrylate
238420-68-3	Propanedioic acid, mono(γ - ω -perfluoro-C8-12-alkyl) derivs., di-me esters
238420-80-9	Propanedioic acid, mono(γ - ω -perfluoro-C8-12-alkyl) derivs., bis[4-(ethenyloxy)butyl] esters
1078142-10-5	1,3-Propanediol, 2,2-bis[[(γ - ω -perfluoro-C6-12-alkyl)thio]methyl] derivs., polymers with 2,2-bis[[(γ - ω -perfluoro-C10-20-alkyl)thio]methyl]-1,3-propanediol, 1,6-diisocyanato-2,2,4(or 2,4,4)-trimethylhexane, 2-heptyl-3,4-bis(9-isocyanatononyl)-1-pentylcyclohexane and 2,2'-(methylimino)bis[ethanol]
1078712-88-5	Thiols, C4-20, γ - ω -perfluoro, telomers with acrylamide and acrylic acid, sodium salts
1078715-61-3	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-[2-[(γ - ω -perfluoro-C4-20-alkyl)thio]acetyl] derivs., inner salts
2728655-42-1	Alcohols, C8-16, γ - ω -perfluoro, reaction products with 1,6-diisocyanatohexane, glycidol and stearyl alc.
2738952-61-7	Acetamide, N-[3-(dimethylamino)propyl]-, 2-[(γ - ω -perfluoro-C4-20-alkyl)thio] derivs.
2742694-36-4	Acetamide, N-(2-aminoethyl)-, 2-[(γ - ω -perfluoro-C4-20-alkyl)thio] derivs., polymers with N1,N1-dimethyl-1,3-propanediamine, epichlorohydrin and ethylenediamine, oxidized
2744262-09-5	Acetic acid, 2-[(γ - ω -perfluoro-C4-20-alkyl)thio] derivs., 2-hydroxypropyl esters
2816091-53-7	Betaines, dimethyl(γ - ω -perfluoro- γ -hydro-C8-18-alkyl)

f. Examples of Listed Chemicals that have CASRNs that Include Multiple Isomer Forms of the Chemical

A non-exhaustive list of examples of TRI-listed chemicals that have CASRNs that include multiple isomer forms is provided below. Some non-exhaustive examples of individual isomers encompassed by the CASRNs that include multiple isomer forms are also listed, as applicable.

Chemical Name	CASRN	TRI-Listed?
1,2-Dichloroethylene (cis/trans mixture)	540-59-0	✓
• <i>cis</i> -1,2-Dichloroethylene	156-59-2	
• <i>trans</i> -1,2-Dichloroethylene	156-60-5	
1,3-Dichloropropylene (cis/trans mixture)	542-75-6	✓
• <i>cis</i> -1,3-dichloropropene	10061-01-5	
• <i>trans</i> -1,3-dichloropropene	10061-02-6	✓
1,4-Dichloro-2-butene (cis/trans mixture)	764-41-0	✓
• <i>trans</i> -1,4-dichloro-2-butene	110-57-6	✓
• <i>cis</i> -1,4-dichloro-2-butene	1476-11-5	
Cresol (mixed isomers)	1319-77-3	✓
• <i>o</i> -Cresol	95-48-7	✓
• <i>p</i> -Cresol	106-44-5	✓
• <i>m</i> -Cresol	108-39-4	✓
Xylene (mixed isomers)	1330-20-7	✓
• <i>o</i> -Xylene	95-47-6	✓
• <i>p</i> -Xylene	106-42-3	✓
• <i>m</i> -Xylene	108-38-3	✓
Hexachloronaphthalene (Positions of Cl unspecified)	1335-87-1	✓
Dichlorobenzene (mixed isomers)	25321-22-6	✓
• <i>o</i> -Dichlorobenzene	95-50-1	✓
• <i>p</i> -Dichlorobenzene	106-46-7	✓
• <i>m</i> -Dichlorobenzene	541-73-1	✓
Dinitrotoluene (mixed isomers)	25321-14-6	✓
• 2,4-Dinitrotoluene	121-14-2	✓
• 2,6-Dinitrotoluene	606-20-2	✓
• 3,5-Dinitrotoluene	618-85-9	
Diaminotoluene (mixed isomers) (Toluenediamine)	25376-45-8	✓
• 2,5-Diaminotoluene (2,5-Toluenediamine)	95-70-5	
• 2,4-Diaminotoluene (2,4-Toluenediamine)	95-80-7	✓
• 3,5-Diaminotoluene (3,5-Toluenediamine)	108-71-4	
• 3,4-Diaminotoluene (3,4-Toluenediamine)	496-72-0	
• 2,6-Diaminotoluene (2,6-Toluenediamine)	823-40-5	

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Chemical Name	CASRN	TRI-Listed?
2,3-Diaminotoluene (2,3-Toluenediamine)	2687-25-4	
Toluene diisocyanate (mixed isomers)	26471-62-5	✓
Toluene-2,6-diisocyanate	91-08-7	✓
Toluene-2,4-diisocyanate	584-84-9	✓
Dichlorotrifluoroethane (Positions of Cl and F unspecified)	34077-87-7	✓
2,2-Dichloro-1,1,1-trifluoroethane (HCFC-123)	306-83-2	✓
1,2-Dichloro-1,1,2-trifluoroethane (HCFC-123a)	354-23-4	✓
1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b)	812-04-4	✓
Dichloro-1,1,2-trifluoroethane	90454-18-5	✓
Dichloropentafluoropropane (Positions of Cl and F unspecified)	127564-92-5	✓
1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225bb)	422-44-6	✓
2,3-dichloro-1,1,1,2,3-pentafluoropropane (HCFC-225ba)	422-48-0	✓
3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)	422-56-0	✓
1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225da)	431-86-7	✓
1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)	507-55-1	✓
1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC-225cc)	13474-88-9	✓
1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC-225eb)	111512-56-2	✓
2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC-225aa)	128903-21-9	✓
1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225ea)	136013-79-1	✓
Hexabromocyclododecane (Chemical Category)	N-270	✓
1,2,5,6,9,10- Hexabromocyclododecane (<i>includes 3 main diastereomers</i>)	3194-55-6	✓
Hexabromocyclododecane (<i>includes 16 possible stereoisomers</i>)	25637-99-4	✓