

Appendix A to Part 355—The List of Extremely Hazardous Substances

<https://www.ecfr.gov/cgi-bin/text-idx?node=pt40.28.355&rgn=div5>

2020-07-28

CAS No.	Chemical name
75-86-5	Acetone Cyanohydrin
1752-30-3	Acetone Thiosemicarbazide
107-02-8	Acrolein
79-06-1	Acrylamide
107-13-1	Acrylonitrile
814-68-6	Acrylyl Chloride
111-69-3	Adiponitrile
116-06-3	Aldicarb
309-00-2	Aldrin
107-18-6	Allyl Alcohol
107-11-9	Allylamine
20859-73-8	Aluminum Phosphide
54-62-6	Aminopterin
78-53-5	Amiton
3734-97-2	Amiton Oxalate
7664-41-7	Ammonia
300-62-9	Amphetamine
62-53-3	Aniline
88-05-1	Aniline, 2,4,6-Trimethyl-
7783-70-2	Antimony Pentafluoride
1397-94-0	Antimycin A
86-88-4	ANTU
1303-28-2	Arsenic Pentoxide
1327-53-3	Arsenous Oxide
7784-34-1	Arsenous Trichloride
7784-42-1	Arsine
2642-71-9	Azinphos-Ethyl
86-50-0	Azinphos-Methyl
98-87-3	Benzal Chloride
98-16-8	Benzenamine, 3-(Trifluoromethyl)-
100-14-1	Benzene, 1-(Chloromethyl)-4-Nitro-
98-05-5	Benzeneearsonic Acid
3615-21-2	Benzimidazole, 4,5-Dichloro-2-(Trifluoromethyl)-
98-07-7	Benzotrichloride
100-44-7	Benzyl Chloride
140-29-4	Benzyl Cyanide
15271-41-7	Bicyclo[2.2.1]Heptane-2-Carbonitrile, 5-Chloro-6-(((Methylamino)Carbonyl)Oxy)Imino)-, (1s-(1-alpha,2-beta,4-alpha,5-alpha,6E))-

534-07-6	Bis(Chloromethyl) Ketone
4044-65-9	Bitoscanate
10294-34-5	Boron Trichloride
2095581	Boron Trifluoride
353-42-4	Boron Trifluoride Compound With Methyl Ether (1:1)
28772-56-7	Bromadiolone
7726-95-6	Bromine
1306-19-0	Cadmium Oxide
2223-93-0	Cadmium Stearate
7778-44-1	Calcium Arsenate
8001-35-2	Camphechlor
56-25-7	Cantharidin
51-83-2	Carbachol Chloride
26419-73-8	Carbamic Acid, Methyl-, O-(((2,4-Dimethyl-1, 3-Dithiolan-2-yl)Methylene)Amino)-
1563-66-2	Carbofuran
75-15-0	Carbon Disulfide
786-19-6	Carbophenothion
57-74-9	Chlordane
470-90-6	Chlorfenvinfos
7782-50-5	Chlorine
24934-91-6	Chlormephos
999-81-5	Chlormequat Chloride
79-11-8	Chloroacetic Acid
107-07-3	Chloroethanol
627-11-2	Chloroethyl Chloroformate
67-66-3	Chloroform
542-88-1	Chloromethyl Ether
107-30-2	Chloromethyl Methyl Ether
3691-35-8	Chlorophacinone
1982-47-4	Chloroxuron
21923-23-9	Chlorthiophos
10025-73-7	Chromic Chloride
62207-76-5	Cobalt, ((2,2'-(1,2-Ethanediybis (Nitrilomethylidyne)) Bis(6-Fluorophenolato))(2-)-N,N',O,O')-
10210-68-1	Cobalt Carbonyl
64-86-8	Colchicine
56-72-4	Coumaphos
5836-29-3	Coumatetralyl
95-48-7	Cresol, o-
535-89-7	Crimidine
4170-30-3	Crotonaldehyde
123-73-9	Crotonaldehyde, (E)-
506-68-3	Cyanogen Bromide
506-78-5	Cyanogen Iodide

2636-26-2	Cyanophos
675-14-9	Cyanuric Fluoride
66-81-9	Cycloheximide
108-91-8	Cyclohexylamine
17702-41-9	Decaborane(14)
8065-48-3	Demeton
919-86-8	Demeton-S-Methyl
10311-84-9	Dialifor
19287-45-7	Diborane
111-44-4	Dichloroethyl ether
149-74-6	Dichloromethylphenylsilane
62-73-7	Dichlorvos
141-66-2	Dicrotophos
1464-53-5	Diepoxybutane
814-49-3	Diethyl Chlorophosphate
71-63-6	Digitoxin
123639	Diglycidyl Ether
20830-75-5	Digoxin
115-26-4	Dimefox
60-51-5	Dimethoate
2524-03-0	Dimethyl Phosphorochloridothioate
77-78-1	Dimethyl sulfate
75-78-5	Dimethyldichlorosilane
57-14-7	Dimethylhydrazine
99-98-9	Dimethyl-p-Phenylenediamine
644-64-4	Dimetilan
534-52-1	Dinitrocresol
88-85-7	Dinoseb
1420-07-1	Dinoterb
78-34-2	Dioxathion
82-66-6	Diphacinone
152-16-9	Diphosphoramidate, Octamethyl-
298-04-4	Disulfoton
514-73-8	Dithiazanine Iodide
541-53-7	Dithiobiuret
316-42-7	Emetine, Dihydrochloride
115-29-7	Endosulfan
320777	Endothion
72-20-8	Endrin
106-89-8	Epichlorohydrin
2104-64-5	EPN
50-14-6	Ergocalciferol
379-79-3	Ergotamine Tartrate
1622-32-8	Ethanesulfonyl Chloride, 2-Chloro-
10140-87-1	Ethanol, 1,2-Dichloro-, Acetate

563-12-2	Ethion
13194-48-4	Ethoprophos
538-07-8	Ethylbis(2-Chloroethyl)Amine
371-62-0	Ethylene Fluorohydrin
75-21-8	Ethylene Oxide
107-15-3	Ethylenediamine
151-56-4	Ethyleneimine
542-90-5	Ethylthiocyanate
22224-92-6	Fenamiphos
115-90-2	Fensulfothion
4301-50-2	Fluenetil
7782-41-4	Fluorine
640-19-7	Fluoroacetamide
144-49-0	Fluoroacetic Acid
359-06-8	Fluoroacetyl Chloride
51-21-8	Fluorouracil
944-22-9	Fonofos
50-00-0	Formaldehyde
107-16-4	Formaldehyde Cyanohydrin
23422-53-9	Formetanate Hydrochloride
2540-82-1	Formothion
17702-57-7	Formparanate
21548-32-3	Fosthietan
3878-19-1	Fuberidazole
110-00-9	Furan
13450-90-3	Gallium Trichloride
77-47-4	Hexachlorocyclopentadiene
1072296	Hexamethylenediamine, N,N'-Dibutyl-
302-01-2	Hydrazine
74-90-8	Hydrocyanic Acid
7647-01-0	Hydrogen Chloride (gas only)
7664-39-3	Hydrogen Fluoride
7722-84-1	Hydrogen Peroxide (Conc >52%)
2148909	Hydrogen Selenide
2148878	Hydrogen Sulfide
123-31-9	Hydroquinone
13463-40-6	Iron, Pentacarbonyl-
297-78-9	Isobenzan
78-82-0	Isobutyronitrile
102-36-3	Isocyanic Acid, 3,4-Dichlorophenyl Ester
465-73-6	Isodrin
55-91-4	Isofluorphate
4098-71-9	Isophorone Diisocyanate
108-23-6	Isopropyl Chloroformate
119-38-0	Isopropylmethyl-pyrazolyl Dimethylcarbamate

78-97-7	Lactonitrile
21609-90-5	Leptophos
541-25-3	Lewisite
58-89-9	Lindane
7580-67-8	Lithium Hydride
109-77-3	Malononitrile
12108-13-3	Manganese, Tricarbonyl Methylcyclopentadienyl
51-75-2	Mechlorethamine
950-10-7	Mephosfolan
1600-27-7	Mercuric Acetate
7487-94-7	Mercuric Chloride
21908-53-2	Mercuric Oxide
10476-95-6	Methacrolein Diacetate
760-93-0	Methacrylic Anhydride
126-98-7	Methacrylonitrile
920-46-7	Methacryloyl Chloride
30674-80-7	Methacryloyloxyethyl Isocyanate
10265-92-6	Methamidophos
558-25-8	Methanesulfonyl Fluoride
950-37-8	Methidathion
2032-65-7	Methiocarb
16752-77-5	Methomyl
151-38-2	Methoxyethylmercuric Acetate
80-63-7	Methyl 2-Chloroacrylate
74-83-9	Methyl Bromide
79-22-1	Methyl Chloroformate
60-34-4	Methyl Hydrazine
624-83-9	Methyl Isocyanate
556-61-6	Methyl Isothiocyanate
74-93-1	Methyl Mercaptan
3735-23-7	Methyl Phenkapton
676-97-1	Methyl Phosphonic Dichloride
556-64-9	Methyl Thiocyanate
78-94-4	Methyl Vinyl Ketone
502-39-6	Methylmercuric Dicyanamide
75-79-6	Methyltrichlorosilane
1129-41-5	Metolcarb
7786-34-7	Mevinphos
315-18-4	Mexacarbate
50-07-7	Mitomycin C
6923-22-4	Monocrotophos
2763-96-4	Muscimol
505-60-2	Mustard Gas
13463-39-3	Nickel Carbonyl
54-11-5	Nicotine

65-30-5	Nicotine Sulfate
7697-37-2	Nitric Acid
10102-43-9	Nitric Oxide
98-95-3	Nitrobenzene
1122-60-7	Nitrocyclohexane
10102-44-0	Nitrogen Dioxide
62-75-9	Nitrosodimethylamine
991-42-4	Norbormide
	Organorhodium Complex (PMN-82-147)
630-60-4	Ouabain
23135-22-0	Oxamyl
78-71-7	Oxetane, 3,3-Bis(Chloromethyl)-
218239	Oxydisulfoton
10028-15-6	Ozone
1910-42-5	Paraquat Dichloride
2074-50-2	Paraquat Methosulfate
56-38-2	Parathion
298-00-0	Parathion-Methyl
12002-03-8	Paris Green
19624-22-7	Pentaborane
2570-26-5	Pentadecylamine
79-21-0	Peracetic Acid
594-42-3	Perchloromethylmercaptan
108-95-2	Phenol
4418-66-0	Phenol, 2,2'-Thiobis(4-Chloro-6-Methyl)-
64-00-6	Phenol, 3-(1-Methylethyl)-, Methylcarbamate
58-36-6	Phenoxarsine, 10,10'-Oxydi-
696-28-6	Phenyl Dichloroarsine
59-88-1	Phenylhydrazine Hydrochloride
62-38-4	Phenylmercury Acetate
2097-19-0	Phenylsilatrane
103-85-5	Phenylthiourea
298-02-2	Phorate
4104-14-7	Phosacetim
947-02-4	Phosfolan
75-44-5	Phosgene
13171-21-6	Phosphamidon
7803-51-2	Phosphine
2703-13-1	Phosphonothioic Acid, Methyl-, O-Ethyl O-(4-(Methylthio) Phenyl) Ester
50782-69-9	Phosphonothioic Acid, Methyl-, S-(2-(Bis(1-Methylethyl)Amino)Ethyl) O-Ethyl Ester
2665-30-7	Phosphonothioic Acid, Methyl-, O-(4-Nitrophenyl) O-Phenyl Ester
3254-63-5	Phosphoric Acid, Dimethyl 4-(Methylthio)Phenyl Ester
2587-90-8	Phosphorothioic Acid, O,O-Dimethyl-S-(2-Methylthio) Ethyl Ester
7723-14-0	Phosphorus
10025-87-3	Phosphorus Oxychloride

10026-13-8	Phosphorus Pentachloride
2125683	Phosphorus Trichloride
57-47-6	Physostigmine
57-64-7	Physostigmine, Salicylate (1:1)
124-87-8	Picrotoxin
110-89-4	Piperidine
23505-41-1	Pirimifos-Ethyl
10124-50-2	Potassium Arsenite
151-50-8	Potassium Cyanide
506-61-6	Potassium Silver Cyanide
2631-37-0	Promecarb
106-96-7	Propargyl Bromide
57-57-8	Propiolactone, Beta-
107-12-0	Propionitrile
542-76-7	Propionitrile, 3-Chloro-
70-69-9	Propiophenone, 4-Amino-
109-61-5	Propyl Chloroformate
75-56-9	Propylene Oxide
75-55-8	Propyleneimine
2275-18-5	Prothoate
129-00-0	Pyrene
140-76-1	Pyridine, 2-Methyl-5-Vinyl-
504-24-5	Pyridine, 4-Amino-
1124-33-0	Pyridine, 4-Nitro-,I-Oxide
53558-25-1	Pyriminil
14167-18-1	Salcomine
107-44-8	Sarin
7783-00-8	Selenious Acid
7791-23-3	Selenium Oxychloride
563-41-7	Semicarbazide Hydrochloride
3037-72-7	Silane, (4-Aminobutyl)Diethoxymethyl-
7631-89-2	Sodium Arsenate
7784-46-5	Sodium Arsenite
26628-22-8	Sodium Azide (Na(N ₃))
124-65-2	Sodium Cacodylate
143-33-9	Sodium Cyanide (Na(CN))
62-74-8	Sodium Fluoroacetate
13410-01-0	Sodium Selenate
10102-18-8	Sodium Selenite
10102-20-2	Sodium Tellurite
900-95-8	Stannane, Acetoxytriphenyl-
57-24-9	Strychnine
60-41-3	Strychnine Sulfate
3689-24-5	Sulfotep
3569-57-1	Sulfoxide, 3-Chloropropyl Octyl

2025884	Sulfur Dioxide
7783-60-0	Sulfur Tetrafluoride
2025949	Sulfur Trioxide
7664-93-9	Sulfuric Acid
77-81-6	Tabun
7783-80-4	Tellurium Hexafluoride
107-49-3	TEPP
13071-79-9	Terbufos
78-00-2	Tetraethyllead
597-64-8	Tetraethyltin
75-74-1	Tetramethyllead
509-14-8	Tetranitromethane
10031-59-1	Thallium Sulfate
6533-73-9	Thallos Carbonate
7791-12-0	Thallos Chloride
2757-18-8	Thallos Malonate
7446-18-6	Thallos Sulfate
2231-57-4	Thiocarbazide
39196-18-4	Thiofanox
297-97-2	Thionazin
108-98-5	Thiophenol
79-19-6	Thiosemicarbazide
5344-82-1	Thiourea, (2-Chlorophenyl)-
614-78-8	Thiourea, (2-Methylphenyl)-
7550-45-0	Titanium Tetrachloride
584-84-9	Toluene 2,4-Diisocyanate
91-08-7	Toluene 2,6-Diisocyanate
110-57-6	Trans-1,4-Dichlorobutene
1031-47-6	Triamiphos
24017-47-8	Triazofos
76-02-8	Trichloroacetyl Chloride
115-21-9	Trichloroethylsilane
327-98-0	Trichloronate
98-13-5	Trichlorophenylsilane
1558-25-4	Trichloro(Chloromethyl)Silane
27137-85-5	Trichloro(Dichlorophenyl) Silane
998-30-1	Triethoxysilane
75-77-4	Trimethylchlorosilane
824-11-3	Trimethylolpropane Phosphite
1066-45-1	Trimethyltin Chloride
639-58-7	Triphenyltin Chloride
555-77-1	Tris(2-Chloroethyl)Amine
2001-95-8	Valinomycin
1314-62-1	Vanadium Pentoxide
108-05-4	Vinyl Acetate Monomer

81-81-2	Warfarin
129-06-6	Warfarin Sodium
28347-13-9	Xylylene Dichloride
58270-08-9	Zinc, Dichloro(4,4-Dimethyl-5((((Methylamino)Carbonyl) Oxy)Imino)Pentanenitrile)-, (T-4)-
1314-84-7	Zinc Phosphide