

US EPA ARCHIVE DOCUMENT

APPENDIX A - SEQUENTIAL CAS REGISTRY
NUMBER LIST OF CERCLA HAZARDOUS
SUBSTANCES—Continued

CASRN	Hazardous Substance
298022	Phorate Phosphorodithioic acid, O,O-diethyl S-(ethylthio) methyl ester
319868	delta BHC
541093	Uranyl acetate
542756	Propene, 1,3-dichloro- 1,3-Dichloropropene
557211	Zinc cyanide
557346	Zinc acetate
557415	Zinc formate
563122	Ethion
563688	Acetic acid, thallium(I) salt Thallium(I) acetate
592858	Mercuric thiocyanate
592870	Lead thiocyanate
608935	Benzene, pentachloro- Pentachlorobenzene
628864	Fulminic acid, mercury(II) salt Mercury fulminate
630104	Carbamidoselenoic acid Selenourea
815827	Cupric tartrate
1066304	Chromic acetate
1072351	Lead stearate
1314325	Thallic oxide Thallium(III) oxide
1314621	Vanadium pentoxide Vanadium(V) oxide
1314847	Zinc phosphide
1314870	Lead sulfide
1319773	Cresol(s) Cresylic acid
1332076	Zinc borate
1333831	Sodium bifluoride
1341497	Ammonium bifluoride
3486359	Zinc carbonate
6533739	Carbonic acid, dithallium(I) salt Thallium(I) carbonate
7428480	Lead stearate
7439921	Lead
7440280	Thallium
7440360	Antimony
7440508	Copper
7440666	Zinc
7446084	Selenium dioxide Selenium oxide
7446142	Lead sulfate
7446186	Sulfuric acid, thallium(I) salt Thallium(I) sulfate

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SUBSTANCES—Continued

CASRN	Hazardous Substance
7447394	Cupric chloride
7632000	Sodium nitrite
7646857	Zinc chloride
7664417	Ammonia
7699458	Zinc bromide
7733020	Zinc sulfate
7758954	Lead chloride
7758987	Cupric sulfate
7779864	Zinc hydrosulfite
7779886	Zinc nitrate
7782492	Selenium
7783008	Selenious acid
7783064	Hydrogen sulfide Hydrosulfuric acid Sulfur hydride
7783359	Mercuric sulfate
7783462	Lead fluoride
7783495	Zinc fluoride
7791120	Thallium(I) chloride
8003198	Dichloropropane - Dichloropropene (mixture)
9004664	Ferric dextran Iron dextran
10031591	Sulfuric acid, thallium(I) salt Thallium(I) sulfate
10045940	Mercuric nitrate
10049055	Chromous chloride
10099748	Lead nitrate
10101538	Chromic sulfate
10101630	Lead iodide
10102064	Uranyl nitrate
10102188	Sodium selenite
10102451	Thallium(I) nitrate
10415755	Mercurous nitrate
12039520	Thallium(I) selenide
13814965	Lead fluoroborate
15739807	Lead sulfate
16871719	Zinc silicofluoride
26952238	Dichloropropene(s)
27774136	Vanadyl sulfate
52628258	Zinc ammonium chloride
52652592	Lead stearate
56189084	Lead stearate

3. Section 302.5 is revised to read as follows:

§ 302.5 Determination of reportable quantities.

(a) *Listed hazardous substances.* The quantity listed in the column "Final RQ" for each substance in Table 302.4 is the reportable quantity for that substance.

(b) *Unlisted hazardous substances.* Unlisted hazardous substances designated by 40 CFR 302.4(b) have the reportable quantity of 100 pounds, except for those unlisted hazardous wastes which exhibit extraction procedure (EP) toxicity identified in 40 CFR 261.24. Unlisted hazardous wastes which exhibit EP toxicity have the reportable quantities listed in Table 302.4 for the contaminant on which the characteristic of EP toxicity is based. The reportable quantity applies to the waste itself, not merely to the toxic contaminant. If an unlisted hazardous waste exhibits EP toxicity on the basis of more than one contaminant, the reportable quantity for that waste shall be the lowest of the reportable quantities listed in Table 302.4 for those contaminants. If an unlisted hazardous waste exhibits the characteristic of EP toxicity and one or more of the other characteristics referenced in 40 CFR 302.4(b), the reportable quantity for that waste shall be the lowest of the applicable reportable quantities.

40 CFR Part 117 is amended as follows:

PART 117—DETERMINATION OF
REPORTABLE QUANTITIES FOR
HAZARDOUS SUBSTANCES

4. The authority citation for Part 117 continues to read as follows:

Authority: Secs 311 and 501(a), Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.), and Executive Order 11735.

5. Section 117.3 is amended by revising Table 117.3 to read as follows:

§ 117.3 Determination of reportable quantities.

* * * * *

Table 117.3—Reportable Quantities of
Hazardous Substances

Note—The first number under the column headed "RQ" is the reportable quantity in pounds. The number in parentheses is the metric equivalent in kilograms. For convenience, the table contains a column headed "Category" which lists the code letters "X", "A", "B", "C", and "D" associated with reportable quantities 1, 10, 100, 1000, and 5000 pounds, respectively.

TABLE 117.3 - REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES

NOTE: The first number under the column headed "RQ" is the reportable quantity in pounds. The number in parentheses is the metric equivalent in kilograms. For convenience, the table contains a column headed "Category" which lists the code letters "X", "A", "B", "C", and "D" associated with reportable quantities of 1, 10, 100, 1000 and 5000 pounds respectively.

Material	Category	RQ in pounds (Kilograms)
Acetaldehyde.....	C	1,000 (454)
Acetic acid.....	D	5,000 (2,270)
Acetic anhydride.....	D	5,000 (2,270)
Acetone cyanohydrin.....	A	10 (4.54)
Acetyl bromide.....	D	5,000 (2,270)
Acetyl chloride.....	D	5,000 (2,270)
Acrolein.....	X	1 (0.454)
Acrylonitrile.....	B	100 (45.4)
Adipic acid.....	D	5,000 (2,270)
Aldrin.....	X	1 (0.454)
Allyl alcohol.....	B	100 (45.4)
Allyl chloride.....	C	1,000 (454)
Aluminum sulfate.....	D	5,000 (2,270)
Ammonia.....	B	100 (45.4)
Ammonium acetate.....	D	5,000 (2,270)
Ammonium benzoate.....	D	5,000 (2,270)
Ammonium bicarbonate.....	D	5,000 (2,270)
Ammonium bichromate.....	C	1,000 (454)
Ammonium bifluoride.....	B	100 (45.4)
Ammonium bisulfite.....	D	5,000 (2,270)
Ammonium carbamate.....	D	5,000 (2,270)
Ammonium carbonate.....	D	5,000 (2,270)
Ammonium chloride.....	D	5,000 (2,270)
Ammonium chromate.....	C	1,000 (454)
Ammonium citrate.....	D	5,000 (2,270)
Ammonium fluoroborate.....	D	5,000 (2,270)
Ammonium fluoride.....	B	100 (45.4)
Ammonium hydroxide.....	C	1,000 (454)
Ammonium oxalate.....	D	5,000 (2,270)
Ammonium silicofluoride.....	C	1,000 (454)
Ammonium sulfamate.....	D	5,000 (2,270)
Ammonium sulfide.....	B	100 (45.4)
Ammonium sulfate.....	D	5,000 (2,270)
Ammonium tartrate.....	D	5,000 (2,270)
Ammonium thiocyanate.....	D	5,000 (2,270)
Ammonium thiosulfate.....	D	5,000 (2,270)
Amyl acetate.....	D	5,000 (2,270)
Aniline.....	D	5,000 (2,270)
Antimony pentachloride.....	C	1,000 (454)
Antimony potassium tartrate.....	B	100 (45.4)
Antimony tribromide.....	C	1,000 (454)
Antimony trichloride.....	C	1,000 (454)
Antimony trifluoride.....	C	1,000 (454)
Antimony trioxide.....	C	1,000 (454)
Arsenic disulfide.....	D	5,000 (2,270)
Arsenic pentoxide.....	D	5,000 (2,270)
Arsenic trichloride.....	D	5,000 (2,270)
Arsenic trioxide.....	D	5,000 (2,270)
Arsenic trisulfide.....	D	5,000 (2,270)
Barium cyanide.....	A	10 (4.54)
Benzene.....	C	1,000 (454)
Benzic acid.....	D	5,000 (2,270)
Benzonitrile.....	D	5,000 (2,270)
Benzoyl chloride.....	C	1,000 (454)
Benzyl chloride.....	B	100 (45.4)
Beryllium chloride.....	D	5,000 (2,270)
Beryllium fluoride.....	D	5,000 (2,270)
Beryllium nitrate.....	D	5,000 (2,270)
Butyl acetate.....	D	5,000 (2,270)
Butylamine.....	C	1,000 (454)
n-Butyl phthalate.....	A	10 (4.54)
Butyric acid.....	D	5,000 (2,270)
Cadmium acetate.....	B	100 (45.4)
Cadmium bromide.....	B	100 (45.4)
Cadmium chloride.....	B	100 (45.4)
Calcium arsenate.....	C	1,000 (454)
Calcium arsenite.....	C	1,000 (454)
Calcium carbide.....	A	10 (4.54)
Calcium chromate.....	C	1,000 (454)
Calcium cyanide.....	A	10 (4.54)
Calcium.....	C	1,000 (454)
dodecylbenzenesulfonate.....		
Calcium hypochlorite.....	A	10 (4.54)
Captan.....	A	10 (4.54)
Carbaryl.....	B	100 (45.4)
Carburene.....	A	10 (4.54)
Carbon disulfide.....	B	100 (45.4)
Carbon tetrachloride.....	D	5,000 (2,270)
Chlordane.....	X	1 (0.454)
Chlorine.....	A	10 (4.54)
Chlorobenzene.....	B	100 (45.4)
Chloroform.....	D	5,000 (2,270)
Chlorosulfonic acid.....	C	1,000 (454)

TABLE 117.3 - REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES—Continued

NOTE: The first number under the column headed "RQ" is the reportable quantity in pounds. The number in parentheses is the metric equivalent in kilograms. For convenience, the table contains a column headed "Category" which lists the code letters "X", "A", "B", "C", and "D" associated with reportable quantities of 1, 10, 100, 1000 and 5000 pounds respectively.

Material	Category	RQ in pounds (Kilograms)
Chlorpyrifos.....	X	1 (0.454)
Chromic acetate.....	C	1,000 (454)
Chromic acid.....	C	1,000 (454)
Chromic sulfate.....	C	1,000 (454)
Chromous chloride.....	C	1,000 (454)
Cobaltous bromide.....	C	1,000 (454)
Cobaltous formate.....	C	1,000 (454)
Cobaltous sulfamate.....	C	1,000 (454)
Coumaphos.....	A	10 (4.54)
Cresol.....	C	1,000 (454)
Crotonaldehyde.....	B	100 (45.4)
Cupric acetate.....	B	100 (45.4)
Cupric acetoarsenite.....	B	100 (45.4)
Cupric chloride.....	A	10 (4.54)
Cupric nitrate.....	B	100 (45.4)
Cupric oxalate.....	B	100 (45.4)
Cupric sulfate.....	A	10 (4.54)
Cupric sulfate ammoniated.....	B	100 (45.4)
Cupric tartrate.....	B	100 (45.4)
Cyanogen chloride.....	A	10 (4.54)
Cyclohexane.....	C	1,000 (454)
2,4-D Acid.....	B	100 (45.4)
2,4-D Esters.....	B	100 (45.4)
DDT.....	X	1 (0.454)
Diazinon.....	X	1 (0.454)
Dicamba.....	C	1,000 (454)
Dichlobenil.....	B	100 (45.4)
Dichloro.....	X	1 (0.454)
Dichlorobenzene.....	B	100 (45.4)
Dichloropropane.....	C	1,000 (454)
Dichloropropene.....	B	100 (45.4)
Dichloropropene.....	B	100 (45.4)
Dichloropropene Mixture.....		
2,2-Dichloropropionic acid.....	D	5,000 (2,270)
Dichlorvos.....	A	10 (4.54)
Dieldrin.....	X	1 (0.454)
Diethylamine.....	B	100 (45.4)
Dimethylamine.....	C	1,000 (454)
Dinitrobenzene.....	B	100 (45.4)
Dinitrophenol.....	A	10 (4.54)
Dinitrotoluene.....	C	1,000 (454)
Diquat.....	C	1,000 (454)
Disulfoton.....	X	1 (0.454)
Diuron.....	B	100 (45.4)
Dodecylbenzenesulfonic acid.....	C	1,000 (454)
Endosulfan.....	X	1 (0.454)
Endrin.....	X	1 (0.454)
Epichlorohydrin.....	C	1,000 (454)
Ethion.....	A	10 (4.54)
Ethylbenzene.....	C	1,000 (454)
Ethylenediamine.....	D	5,000 (2,270)
Ethylene dibromide.....	C	1,000 (454)
Ethylene dichloride.....	D	5,000 (2,270)
EDTA.....	D	5,000 (2,270)
Ferric ammonium citrate.....	C	1,000 (454)
Ferric ammonium oxalate.....	C	1,000 (454)
Ferric chloride.....	C	1,000 (454)
Ferric fluoride.....	B	100 (45.4)
Ferric nitrate.....	C	1,000 (454)
Ferric sulfate.....	C	1,000 (454)
Ferrous ammonium sulfate.....	C	1,000 (454)
Ferrous chloride.....	B	100 (45.4)
Ferrous sulfate.....	C	1,000 (454)
Formaldehyde.....	C	1,000 (454)
Formic acid.....	D	5,000 (2,270)
Fumaric acid.....	D	5,000 (2,270)
Furfural.....	D	5,000 (2,270)
Guthion.....	X	1 (0.454)
Heptachlor.....	X	1 (0.454)
Hexachlorocyclopentadiene.....	X	1 (0.454)
Hydrochloric acid.....	D	5,000 (2,270)
Hydrofluoric acid.....	B	100 (45.4)
Hydrogen cyanide.....	A	10 (4.54)
Hydrogen sulfide.....	B	100 (45.4)
Isoprene.....	B	100 (45.4)
Isopropanolamine.....	C	1,000 (454)
dodecylbenzenesulfonate.....		
Kelthane.....	A	10 (4.54)
Kepon.....	X	1 (0.454)
Lead acetate.....	D	5,000 (2,270)
Lead arsenate.....	D	5,000 (2,270)
Lead chloride.....	B	100 (45.4)
Lead fluoroborate.....	B	100 (45.4)

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Material	Category	RQ in pounds (Kilograms)
Lead fluoride.....	B	100 (45.4)
Lead iodide.....	B	100 (45.4)
Lead nitrate.....	B	100 (45.4)
Lead stearate.....	D	5,000 (2,270)
Lead sulfate.....	B	100 (45.4)
Lead sulfide.....	D	5,000 (2,270)
Lead thiocyanate.....	B	100 (45.4)
Lindane.....	X	1 (0.454)
Lithium chromate.....	C	1,000 (454)
Malathion.....	B	100 (45.4)
Maleic acid.....	D	5,000 (2,270)
Maleic anhydride.....	D	5,000 (2,270)
Mercaptodimethur.....	A	10 (4.54)
Mercuric cyanide.....	X	1 (0.454)
Mercuric nitrate.....	A	10 (4.54)
Mercuric sulfate.....	A	10 (4.54)
Mercuric thiocyanate.....	A	10 (4.54)
Mercurous nitrate.....	A	10 (4.54)
Methoxychlor.....	X	1 (0.454)
Methyl mercaptan.....	B	100 (45.4)
Methyl methacrylate.....	C	1,000 (454)
Methyl parathion.....	B	100 (45.4)
Mevinphos.....	A	10 (4.54)
Mexcarbates.....	C	1,000 (454)
Monoethylamine.....	B	100 (45.4)
Monomethylamine.....	B	100 (45.4)
Naled.....	A	10 (4.54)
Naphthalene.....	B	100 (45.4)
Naphthalenic acid.....	B	100 (45.4)
Nickel ammonium sulfate.....	D	5,000 (2,270)
Nickel chloride.....	D	5,000 (2,270)
Nickel hydroxide.....	C	1,000 (454)
Nickel nitrate.....	D	5,000 (2,270)
Nickel sulfate.....	D	5,000 (2,270)
Nitric acid.....	C	1,000 (454)
Nitrobenzene.....	C	1,000 (454)
Nitrogen dioxide.....	A	10 (4.54)
Nitrophenol.....	B	100 (45.4)
Nitrotoluene.....	C	1,000 (454)
Paraformaldehyde.....	C	1,000 (454)
Parathion.....	X	1 (0.454)
Pentachlorophenol.....	A	10 (4.54)
Phenol.....	C	1,000 (454)
Phosgene.....	A	10 (4.54)
Phosphoric acid.....	D	5,000 (2,270)
Phosphorus.....	X	1 (0.454)
Phosphorus oxychloride.....	C	1,000 (454)
Phosphorus pentasulfide.....	B	100 (45.4)
Phosphorus trichloride.....	C	1,000 (454)
Polychlorinated biphenyls.....	A	10 (4.54)
Potassium arsenate.....	C	1,000 (454)
Potassium arsenite.....	C	1,000 (454)
Potassium bichromate.....	C	1,000 (454)
Potassium chromate.....	C	1,000 (454)
Potassium cyanide.....	A	10 (4.54)
Potassium hydroxide.....	C	1,000 (454)
Potassium permanganate.....	B	100 (45.4)
Propargite.....	A	10 (4.54)
Propionic acid.....	D	5,000 (2,270)
Propionic anhydride.....	D	5,000 (2,270)
Propylene oxide.....	B	100 (45.4)
Pyrethrins.....	X	1 (0.454)
Quinoline.....	D	5,000 (2,270)
Resorcinol.....	D	5,000 (2,270)
Selenium oxide.....	A	10 (4.54)
Silver nitrate.....	X	1 (0.454)
Sodium.....	A	10 (4.54)
Sodium arsenate.....	C	1,000 (454)
Sodium arsenite.....	C	1,000 (454)
Sodium bichromate.....	C	1,000 (454)
Sodium bifluoride.....	B	100 (45.4)
Sodium bisulfite.....	D	5,000 (2,270)
Sodium chromate.....	C	1,000 (454)
Sodium cyanide.....	A	10 (4.54)
Sodium.....	C	1,000 (454)
dodecylbenzenesulfonate.....		
Sodium fluoride.....	C	1,000 (454)
Sodium hydrosulfide.....	D	5,000 (2,270)
Sodium hydroxide.....	C	1,000 (454)
Sodium hypochlorite.....	B	100 (45.4)
Sodium methylate.....	C	1,000 (454)
Sodium nitrite.....	B	100 (45.4)
Sodium phosphate, dibasic.....	D	5,000 (2,270)

TABLE 117.3 - REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES—Continued

NOTE: The first number under the column headed "RQ" is the reportable quantity in pounds. The number in parentheses is the metric equivalent in kilograms. For convenience, the table contains a column headed "Category" which lists the code letters "X", "A", "B", "C", and "D" associated with reportable quantities of 1, 10, 100, 1000 and 5000 pounds respectively.

Material	Category	RQ in pounds (Kilograms)
Sodium phosphate, tribasic.....	D	5,000 (2,270)
Sodium selenite.....	B	100 (45.4)
Strontium chromate.....	C	1,000 (454)
Strychnine.....	A	10 (4.54)
Styrene.....	C	1,000 (454)
Sulfuric acid.....	C	1,000 (454)
Sulfur monochloride.....	C	1,000 (454)
2,4,5-T acid.....	C	1,000 (454)
2,4,5-T amines.....	D	5,000 (2,270)
2,4,5-T esters.....	C	1,000 (454)
2,4,5-T salts.....	C	1,000 (454)
TDE.....	X	1 (0.454)
2,4,5-TP acid.....	B	100 (45.4)
2,4,5-TP acid esters.....	B	100 (45.4)
Tetraethyl lead.....	A	10 (4.54)
Tetraethyl pyrophosphate.....	A	10 (4.54)
Thallium sulfate.....	B	100 (45.4)
Toluene.....	C	1,000 (454)
Toxaphene.....	X	1 (0.454)
Trichlorfon.....	B	100 (45.4)

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NOTE: The first number under the column headed "RQ" is the reportable quantity in pounds. The number in parentheses is the metric equivalent in kilograms. For convenience, the table contains a column headed "Category" which lists the code letters "X", "A", "B", "C", and "D" associated with reportable quantities of 1, 10, 100, 1000 and 5000 pounds respectively.

Material	Category	RQ in pounds (Kilograms)
Trichloroethylene.....	C	1,000 (454)
Trichlorophenol.....	A	10 (4.54)
Triethanolamine.....	C	1,000 (454)
dodecylbenzenesulfonate.....	D	5,000 (2,270)
Triethylamine.....	B	100 (45.4)
Trimethylamine.....	B	100 (45.4)
Uranyl acetate.....	B	100 (45.4)
Uranyl nitrate.....	C	1,000 (454)
Vanadium pentoxide.....	C	1,000 (454)
Vanadyl sulfate.....	C	1,000 (454)
Vinyl acetate.....	D	5,000 (2,270)
Vinylidene chloride.....	D	5,000 (2,270)
Xylene.....	C	1,000 (454)
Xylenol.....	C	1,000 (454)
Zinc acetate.....	C	1,000 (454)
Zinc ammonium chloride.....	C	1,000 (454)
Zinc borate.....	C	1,000 (454)
Zinc bromide.....	C	1,000 (454)
Zinc carbonate.....	C	1,000 (454)
Zinc chloride.....	C	1,000 (454)

TABLE 117.3 - REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES—Continued

NOTE: The first number under the column headed "RQ" is the reportable quantity in pounds. The number in parentheses is the metric equivalent in kilograms. For convenience, the table contains a column headed "Category" which lists the code letters "X", "A", "B", "C", and "D" associated with reportable quantities of 1, 10, 100, 1000 and 5000 pounds respectively.

Material	Category	RQ in pounds (Kilograms)
Zinc cyanide.....	A	10 (4.54)
Zinc fluoride.....	C	1,000 (454)
Zinc formate.....	C	1,000 (454)
Zinc hydrosulfite.....	C	1,000 (454)
Zinc nitrate.....	C	1,000 (454)
Zinc phenolsulfonate.....	D	5,000 (2,270)
Zinc phosphide.....	B	100 (45.4)
Zinc silicofluoride.....	D	5,000 (2,270)
Zinc sulfate.....	C	1,000 (454)
Zirconium nitrate.....	D	5,000 (2,270)
Zirconium potassium fluoride.....	C	1,000 (454)
Zirconium sulfate.....	D	5,000 (2,270)
Zirconium tetrachloride.....	D	5,000 (2,270)

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