

§ 302.4

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the United States and is located in, on, or under any other waters, other than a vessel or a public vessel;

Onshore facility means any facility (including, but not limited to, motor vehicles and rolling stock) of any kind located in, on, or under, any land or non-navigable waters within the United States;

Person means an individual, firm, corporation, association, partnership, consortium, joint venture, commercial entity, United States Government, State, municipality, commission, political subdivision of a State, or any interstate body;

Release means any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment (including the abandonment or discarding of barrels, containers, and other closed receptacles containing any hazardous substance or pollutant or contaminant), but excludes:

(1) Any release which results in exposure to persons solely within a workplace, with respect to a claim which such persons may assert against the employer of such persons;

(2) Emissions from the engine exhaust of a motor vehicle, rolling stock, aircraft, vessel, or pipeline pumping station engine;

(3) Release of source, byproduct, or special nuclear material from a nuclear incident, as those terms are defined in the Atomic Energy Act of 1954, if such release is subject to requirements with respect to financial protection established by the Nuclear Regulatory Commission under section 170 of such Act, or for the purposes of section 104 of the Comprehensive Environmental Response, Compensation, and Liability Act or any other response action, any release of source, byproduct, or special nuclear material from any processing site designated under section 102(a)(1) or 302(a) of the Uranium Mill Tailings Radiation Control Act of 1978; and

(4) The normal application of fertilizer;

Reportable quantity (“RQ”) means that quantity, as set forth in this part, the release of which requires notification pursuant to this part;

United States include the several States of the United States, the Dis-

trict of Columbia, the Commonwealth of Puerto Rico, Guam, American Samoa, the United States Virgin Islands, the Commonwealth of the Northern Marianas, and any other territory or possession over which the United States has jurisdiction; and

Vessel means every description of watercraft or other artificial contrivance used, or capable of being used, as a means of transportation on water.

[50 FR 13474, Apr. 4, 1985, as amended at 67 FR 45321, July 9, 2002; 73 FR 76959, Dec. 18, 2008]

§ 302.4 Designation of hazardous substances.

(a) *Listed hazardous substances.* The elements and compounds and hazardous wastes appearing in table 302.4 are designated as hazardous substances under section 102(a) of the Act.

(b) *Unlisted hazardous substances.* A solid waste, as defined in 40 CFR 261.2, which is not excluded from regulation as a hazardous waste under 40 CFR 261.4(b), is a hazardous substance under section 101(14) of the Act if it exhibits any of the characteristics identified in 40 CFR 261.20 through 261.24.

NOTE: The numbers under the column headed “CASRN” are the Chemical Abstracts Service Registry Numbers for each hazardous substance. The “Statutory Code” column indicates the statutory source for designating each substance as a CERCLA hazardous substance: “1” indicates that the statutory source is section 311(b)(2) of the Clean Water Act, “2” indicates that the source is section 307(a) of the Clean Water Act, “3” indicates that the source is section 112 of the Clean Air Act, and “4” indicates that the source is section 3001 of the Resource Conservation and Recovery Act (RCRA). The “RCRA Waste Number” column provides the waste identification numbers assigned to various substances by RCRA regulations. The “Pounds (kg)” column provides the reportable quantity adjustment for each hazardous substance in pounds and kilograms. Appendix A to § 302.4, which lists CERCLA hazardous substances in sequential order by CASRN, provides a per-substance grouping of regulatory synonyms (*i.e.*, names by which each hazardous substance is identified in other statutes and their implementing regulations).

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|-----------------------------------------------------------|------------|-----------------|----------------|----------------------|
| A2213 | 30558431 | 4 | U394 | 5000 (2270) |
| Acenaphthene | 83-32-9 | 2 | | 100 (45.4) |
| Acenaphthylene | 208-96-8 | 2 | | 5000 (2270) |
| Acetaldehyde | 75-07-0 | 1,3,4 | U001 | 1000 (454) |
| Acetaldehyde, chloro- | 107-20-0 | 4 | P023 | 1000 (454) |
| Acetaldehyde, trichloro- | 75-87-6 | 4 | U034 | 5000 (2270) |
| Acetamide | 60-35-5 | 3 | | 100 (45.4) |
| Acetamide, N-(aminothioxomethyl)- | 591-08-2 | 4 | P002 | 1000 (454) |
| Acetamide, N-(4-ethoxyphenyl)- | 62-44-2 | 4 | U187 | 100 (45.4) |
| Acetamide, N-9H-fluorene-2-yl- | 53-96-3 | 3,4 | U005 | 1 (0.454) |
| Acetamide, 2-fluoro- | 640-19-7 | 4 | P057 | 100 (45.4) |
| Acetic acid | 64-19-7 | 1 | | 5000 (2270) |
| Acetic acid, (2,4-dichlorophenoxy)-, salts & esters | 94-75-7 | 1,3,4 | U240 | 100 (45.4) |
| Acetic acid, ethyl ester | 141-78-6 | 4 | U112 | 5000 (2270) |
| Acetic acid, fluoro-, sodium salt | 62-74-8 | 4 | P058 | 10 (4.54) |
| Acetic acid, lead(2+) salt | 301-04-2 | 1,4 | U144 | 10 (4.54) |
| Acetic acid, thallium(1+) salt | 563-68-8 | 4 | U214 | 100 (45.4) |
| Acetic acid, (2,4,5-trichlorophenoxy)- | 93-76-5 | 1,4 | See F027 | 1000 (454) |
| Acetic anhydride | 108-24-7 | 1 | | 5000 (2270) |
| Acetone | 67-64-1 | 4 | U002 | 5000 (2270) |
| Acetone cyanohydrin | 75-86-5 | 1,4 | P069 | 10 (4.54) |
| Acetonitrile | 75-05-8 | 3,4 | U003 | 5000 (2270) |
| Acetophenone | 98-86-2 | 3,4 | U004 | 5000 (2270) |
| 2-Acetylaminofluorene | 53-96-3 | 3,4 | U005 | 1 (0.454) |
| Acetyl bromide | 506-96-7 | 1 | | 5000 (2270) |
| Acetyl chloride | 75-36-5 | 1,4 | U006 | 5000 (2270) |
| 1-Acetyl-2-thiourea | 591-08-2 | 4 | P002 | 1000 (454) |
| Acrolein | 107-02-8 | 1,2,3,4 | P003 | 1 (0.454) |
| Acrylamide | 79-06-1 | 3,4 | U007 | 5000 (2270) |
| Acrylic acid | 79-10-7 | 3,4 | U008 | 5000 (2270) |
| Acrylonitrile | 107-13-1 | 1,2,3,4 | U009 | 100 (45.4) |
| Adipic acid | 124-04-9 | 1 | | 5000 (2270) |
| Aldicarb | 116-06-3 | 4 | P070 | 1 (0.454) |
| Aldicarb sulfone | 1646884 | 4 | P203 | 100 (45.4) |
| Aldrin | 309-00-2 | 1,2,4 | P004 | 1 (0.454) |
| Allyl alcohol | 107-18-6 | 1,4 | P005 | 100 (45.4) |
| Allyl chloride | 107-05-1 | 1,3 | | 1000 (454) |
| Aluminum phosphide | 20859-73-8 | 4 | P006 | 100 (45.4) |
| Aluminum sulfate | 10043-01-3 | 1 | | 5000 (2270) |
| 4-Aminobiphenyl | 92-67-1 | 3 | | 1 (0.454) |
| 5-(Aminomethyl)-3-isoxazolol | 2763-96-4 | 4 | P007 | 1000 (454) |
| 4-Aminopyridine | 504-24-5 | 4 | P008 | 1000 (454) |
| Amitrole | 61-82-5 | 4 | U011 | 10 (4.54) |
| Ammonia | 7664-41-7 | 1 | | 100 (45.4) |
| Ammonium acetate | 631-61-8 | 1 | | 5000 (2270) |
| Ammonium benzoate | 1863-63-4 | 1 | | 5000 (2270) |
| Ammonium bicarbonate | 1066-33-7 | 1 | | 5000 (2270) |
| Ammonium bichromate | 7789-09-5 | 1 | | 10 (4.54) |
| Ammonium bifluoride | 1341-49-7 | 1 | | 100 (45.4) |
| Ammonium bisulfite | 10192-30-0 | 1 | | 5000 (2270) |
| Ammonium carbamate | 1111-78-0 | 1 | | 5000 (2270) |
| Ammonium carbonate | 506-87-6 | 1 | | 5000 (2270) |
| Ammonium chloride | 12125-02-9 | 1 | | 5000 (2270) |
| Ammonium chromate | 7788-98-9 | 1 | | 10 (4.54) |
| Ammonium citrate, dibasic | 3012-65-5 | 1 | | 5000 (2270) |
| Ammonium fluoborate | 13826-83-0 | 1 | | 5000 (2270) |
| Ammonium fluoride | 12125-01-8 | 1 | | 100 (45.4) |
| Ammonium hydroxide | 1336-21-6 | 1 | | 1000 (454) |
| Ammonium oxalate | 6009-70-7 | 1 | | 5000 (2270) |
| | 5972-73-6 | | | |
| | 14258-49-2 | | | |
| Ammonium picrate | 131-74-8 | 4 | P009 | 10 (4.54) |
| Ammonium silicofluoride | 16919-19-0 | 1 | | 1000 (454) |
| Ammonium sulfamate | 7773-06-0 | 1 | | 5000 (2270) |
| Ammonium sulfide | 12135-76-1 | 1 | | 100 (45.4) |
| Ammonium sulfite | 10196-04-0 | 1 | | 5000 (2270) |
| Ammonium tartrate | 14307-43-8 | 1 | | 5000 (2270) |
| | 3164-29-2 | | | |
| Ammonium thiocyanate | 1762-95-4 | 1 | | 5000 (2270) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|----------------|----------------------|
| Ammonium vanadate | 7803-55-6 | 4 | P119 | 1000 (454) |
| Amyl acetate | 628-63-7 | 1 | | 5000 (2270) |
| iso-Amyl acetate | 123-92-2 | | | |
| sec-Amyl acetate | 626-38-0 | | | |
| tert-Amyl acetate | 625-16-1 | | | |
| Aniline | 62-53-3 | 1,3,4 | U012 | 5000 (2270) |
| o-Anisidine | 90-04-0 | 3 | | 100 (45.4) |
| Anthracene | 120-12-7 | 2 | | 5000 (2270) |
| Antimony†† | 7440-36-0 | 2 | | 5000 (2270) |
| ANTIMONY AND COMPOUNDS | N.A. | 2,3 | | ** |
| Antimony Compounds | N.A. | 2,3 | | ** |
| Antimony pentachloride | 7647-18-9 | 1 | | 1000 (454) |
| Antimony potassium tartrate | 28300-74-5 | 1 | | 100 (45.4) |
| Antimony tribromide | 7789-61-9 | 1 | | 1000 (454) |
| Antimony trichloride | 10025-91-9 | 1 | | 1000 (454) |
| Antimony trifluoride | 7783-56-4 | 1 | | 1000 (454) |
| Antimony trioxide | 1309-64-4 | 1 | | 1000 (454) |
| Argentate(1-), bis(cyano-C)-, potassium | 506-61-6 | 4 | P099 | 1 (0.454) |
| Aroclor 1016 | 12674-11-2 | 1,2,3 | | 1 (0.454) |
| Aroclor 1221 | 11104-28-2 | 1,2,3 | | 1 (0.454) |
| Aroclor 1232 | 11141-16-5 | 1,2,3 | | 1 (0.454) |
| Aroclor 1242 | 53469-21-9 | 1,2,3 | | 1 (0.454) |
| Aroclor 1248 | 12672-29-6 | 1,2,3 | | 1 (0.454) |
| Aroclor 1254 | 11097-69-1 | 1,2,3 | | 1 (0.454) |
| Aroclor 1260 | 11096-82-5 | 1,2,3 | | 1 (0.454) |
| Aroclors | 1336-36-3 | 1,2,3 | | 1 (0.454) |
| Arsenic†† | 7440-38-2 | 2,3 | | 1 (0.454) |
| Arsenic acid H3AsO4 | 7778-39-4 | 4 | P010 | 1 (0.454) |
| ARSENIC AND COMPOUNDS | N.A. | 2,3 | | ** |
| Arsenic Compounds (inorganic including arsine) | N.A. | 2,3 | | ** |
| Arsenic disulfide | 1303-32-8 | 1 | | 1 (0.454) |
| Arsenic oxide As2O3 | 1327-53-3 | 1,4 | P012 | 1 (0.454) |
| Arsenic oxide As2O5 | 1303-28-2 | 1,4 | P011 | 1 (0.454) |
| Arsenic pentoxide | 1303-28-2 | 1,4 | P011 | 1 (0.454) |
| Arsenic trichloride | 7784-34-1 | 1 | | 1 (0.454) |
| Arsenic trioxide | 1327-53-3 | 1,4 | P012 | 1 (0.454) |
| Arsenic trisulfide | 1303-33-9 | 1 | | 1 (0.454) |
| Arsine, diethyl- | 692-42-2 | 4 | P038 | 1 (0.454) |
| Arsinic acid, dimethyl- | 75-60-5 | 4 | U136 | 1 (0.454) |
| Arsonous dichloride, phenyl- | 696-28-6 | 4 | P036 | 1 (0.454) |
| Asbestos††† | 1332-21-4 | 2,3 | | 1 (0.454) |
| Auramine | 492-80-8 | 4 | U014 | 100 (45.4) |
| Azaserine | 115-02-6 | 4 | U015 | 1 (0.454) |
| Aziridine | 151-56-4 | 3,4 | P054 | 1 (0.454) |
| Aziridine, 2-methyl- | 75-55-8 | 3,4 | P067 | 1 (0.454) |
| Azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione, 6-amino-8- [[[aminocarbonyl]oxy]methyl]-1,1a,2,8,8a,8b- hexahydro-8a-methoxy-5- (1alpha,8beta,8aalpha, 8balpha)]- | 50-07-7 | 4 | U010 | 10 (4.54) |
| Barban | 101279 | 4 | U280 | 10 (4.54) |
| Barium cyanide | 542-62-1 | 1,4 | P013 | 10 (4.54) |
| Bendiocarb | 22781233 | 4 | U278 | 100 (45.4) |
| Bendiocarb phenol | 22961826 | 4 | U364 | 1000 (454) |
| Benomyl | 17804352 | 4 | U271 | 10 (4.54) |
| Benz[j]aceanthrylene, 1,2-dihydro-3-methyl- | 56-49-5 | 4 | U157 | 10 (4.54) |
| Benz[c]acridine | 225-51-4 | 4 | U016 | 100 (45.4) |
| Benzal chloride | 98-87-3 | 4 | U017 | 5000 (2270) |
| Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)- | 23950-58-5 | 4 | U192 | 5000 (2270) |
| Benz[a]anthracene | 56-55-3 | 2,4 | U018 | 10 (4.54) |
| 1,2-Benzanthracene | 56-55-3 | 2,4 | U018 | 10 (4.54) |
| Benz[a]anthracene, 7,12-dimethyl- | 57-97-6 | 4 | U094 | 1 (0.454) |
| Benzenamine | 62-53-3 | 1,3,4 | U012 | 5000 (2270) |
| Benzenamine, 4,4'-carbonimidoylbis (N,N dimethyl)- | 492-80-8 | 4 | U014 | 100 (45.4) |
| Benzenamine, 4-chloro- | 106-47-8 | 4 | P024 | 1000 (454) |
| Benzenamine, 4-chloro-2-methyl-, hydrochloride | 3165-93-3 | 4 | U049 | 100 (45.4) |
| Benzenamine, N,N-dimethyl-4-(phenylazo)- | 60-11-7 | 3,4 | U093 | 10 (4.54) |
| Benzenamine, 2-methyl- | 95-53-4 | 3,4 | U328 | 100 (45.4) |
| Benzenamine, 4-methyl- | 106-49-0 | 4 | U353 | 100 (45.4) |
| Benzenamine, 4,4'-methylenebis [2-chloro- | 101-14-4 | 3,4 | U158 | 10 (4.54) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|----------------|----------------------|
| Benzenamine, 2-methyl-,hydrochloride | 636-21-5 | 4 | U222 | 100 (45.4) |
| Benzenamine, 2-methyl-5-nitro- | 99-55-8 | 4 | U181 | 100 (45.4) |
| Benzenamine, 4-nitro- | 100-01-6 | 4 | P077 | 5000 (2270) |
| Benzene ^a | 71-43-2 | 1,2,3,4 | U019 | 10 (4.54) |
| Benzeneacetic acid, 4-chloro- α -(4-chlorophenyl)- α -hydroxy-, ethyl ester. | 510-15-6 | 3,4 | U038 | 10 (4.54) |
| Benzene, 1-bromo-4-phenoxy- | 101-55-3 | 2,4 | U030 | 100 (45.4) |
| Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- | 305-03-3 | 4 | U035 | 10 (4.54) |
| Benzene, chloro- | 108-90-7 | 1,2,3,4 | U037 | 100 (45.4) |
| Benzene, (chloromethyl)- | 100-44-7 | 1,3,4 | P028 | 100 (45.4) |
| Benzenediamine, ar-methyl- | 95-80-7 | 3,4 | U221 | 10 (4.54) |
| | 496-72-0 | | | |
| | 823-40-5 | | | |
| | 25376-45-8 | | | |
| 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester | 117-81-7 | 2,3,4 | U028 | 100 (45.4) |
| 1,2-Benzenedicarboxylic acid, dibutyl ester | 84-74-2 | 1,2,3,4 | U069 | 10 (4.54) |
| 1,2-Benzenedicarboxylic acid, diethyl ester | 84-66-2 | 2,4 | U088 | 1000 (454) |
| 1,2-Benzenedicarboxylic acid, dimethyl ester | 131-11-3 | 2,3,4 | U102 | 5000 (2270) |
| 1,2-Benzenedicarboxylic acid, dioctyl ester | 117-84-0 | 2,4 | U107 | 5000 (2270) |
| Benzene, 1,2-dichloro- | 95-50-1 | 1,2,4 | U070 | 100 (45.4) |
| Benzene, 1,3-dichloro- | 541-73-1 | 2,4 | U071 | 100 (45.4) |
| Benzene, 1,4-dichloro- | 106-46-7 | 1,2,3,4 | U072 | 100 (45.4) |
| Benzene, 1,1'-(2,2-dichloroethylidene) bis[4-chloro- | 72-54-8 | 1,2,4 | U060 | 1 (0.454) |
| Benzene, (dichloromethyl)- | 98-87-3 | 4 | U017 | 5000 (2270) |
| Benzene, 1,3-diisocyanatomethyl- | 91-08-7 | 3,4 | U223 | 100 (45.4) |
| | 584-84-9 | | | |
| | 26471-62-5 | | | |
| Benzene, dimethyl- | 1330-20-7 | 1,3,4 | U239 | 100 (45.4) |
| 1,3-Benzenediol | 108-46-3 | 1,4 | U201 | 5000 (2270) |
| 1,2-Benzenediol,4-[1-hydroxy-2-(methyl amino)ethyl]- | 51-43-4 | 4 | P042 | 1000 (454) |
| Benzenethanamine, alpha,alpha-dimethyl- | 122-09-8 | 4 | P046 | 5000 (2270) |
| Benzene, hexachloro- | 118-74-1 | 2,3,4 | U127 | 10 (4.54) |
| Benzene, hexahydro- | 110-82-7 | 1,4 | U056 | 1000 (454) |
| Benzene, methyl- | 108-88-3 | 1,2,3,4 | U220 | 1000 (454) |
| Benzene, 1-methyl-2,4-dinitro- | 121-14-2 | 1,2,3,4 | U105 | 10 (4.54) |
| Benzene, 2-methyl-1,3-dinitro- | 606-20-2 | 1,2,4 | U106 | 100 (45.4) |
| Benzene, (1-methylethyl)- | 98-82-8 | 3,4 | U055 | 5000 (2270) |
| Benzene, nitro- | 98-95-3 | 1,2,3,4 | U169 | 1000 (454) |
| Benzene, pentachloro- | 608-93-5 | 4 | U183 | 10 (4.54) |
| Benzene, pentachloronitro- | 82-68-8 | 3,4 | U185 | 100 (45.4) |
| Benzenesulfonic acid chloride | 98-09-9 | 4 | U020 | 100 (45.4) |
| Benzenesulfonyl chloride | 98-09-9 | 4 | U020 | 100 (45.4) |
| Benzene, 1,2,4,5-tetrachloro- | 95-94-3 | 4 | U207 | 5000 (2270) |
| Benzenethiol | 108-98-5 | 4 | P014 | 100 (45.4) |
| Benzene, 1,1'-(2,2,2-trichloroethylidene) bis[4-chloro- | 50-29-3 | 1,2,4 | U061 | 1 (0.454) |
| Benzene, 1,1'-(2,2,2-trichloroethylidene) bis[4-methoxy- | 72-43-5 | 1,3,4 | U247 | 1 (0.454) |
| Benzene, (trichloromethyl)- | 98-07-7 | 3,4 | U023 | 10 (4.54) |
| Benzene, 1,3,5-trinitro- | 99-35-4 | 4 | U234 | 10 (4.54) |
| Benzidine | 92-87-5 | 2,3,4 | U021 | 1 (0.454) |
| 1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide, & salts | 81-07-2 | 4 | U202 | 100 (45.4) |
| Benzo[<i>a</i>]anthracene | 56-55-3 | 2,4 | U018 | 10 (4.54) |
| 1,3-Benzodioxole, 5-(1-propenyl)-1 | 120-58-1 | 4 | U141 | 100 (45.4) |
| 1,3-Benzodioxole, 5-(2-propenyl)- | 94-59-7 | 4 | U203 | 100 (45.4) |
| 1,3-Benzodioxole, 5-propyl- | 94-58-6 | 4 | U090 | 10 (4.54) |
| 1,3-Benzodioxol-4-ol, 2,2-dimethyl- | 22961826 | 4 | U364 | 1000 (454) |
| 1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate | 22781233 | 4 | U278 | 100 (45.4) |
| Benzo[<i>b</i>]fluoranthene | 205-99-2 | 2 | | 1 (0.454) |
| Benzo[<i>k</i>]fluoranthene | 207-08-9 | 2 | | 5000 (2270) |
| 7-Benzofuranol, 2,3-dihydro-2,2-dimethyl- | 1563388 | 4 | U367 | 10 (4.54) |
| 7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate. | 1563-66-2 | 1,4 | P127 | 10 (4.54) |
| Benzoic acid | 65-85-0 | 1 | | 5000 (2270) |
| Benzoic acid, 2-hydroxy-, compd. with (3 <i>aS</i> -cis)-1,2,3,3 <i>a</i> ,8,8 <i>a</i> -hexahydro-1,3 <i>a</i> ,8-trimethylpyrrolo[2,3- <i>b</i>]indol-5-yl methylcarbamate ester (1:1). | 57647 | 4 | P188 | 100 (45.4) |
| Benzonitrile | 100-47-0 | 1 | | 5000 (2270) |
| Benzo[<i>rst</i>]pentaphene | 189-55-9 | 4 | U064 | 10 (4.54) |
| Benzo[<i>ghi</i>]perylene | 191-24-2 | 2 | | 5000 (2270) |
| 2 <i>H</i> -1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts. | 81-81-2 | 4 | P001 U248 | 100 (45.4) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|----------------|----------------------|
| Benzo[a]pyrene | 50-32-8 | 2,4 | U022 | 1 (0.454) |
| 3,4-Benzopyrene | 50-32-8 | 2,4 | U022 | 1 (0.454) |
| p-Benzoquinone | 106-51-4 | 3,4 | U197 | 10 (4.54) |
| Benzotrichloride | 98-07-7 | 3,4 | U023 | 10 (4.54) |
| Benzoyl chloride | 98-88-4 | 1 | | 1000 (454) |
| Benzyl chloride | 100-44-7 | 1,3,4 | P028 | 100 (45.4) |
| Beryllium †† | 7440-41-7 | 2,3,4 | P015 | 10 (4.54) |
| BERYLLIUM AND COMPOUNDS | N.A. | 2,3 | | ** |
| Beryllium chloride | 7787-47-5 | 1 | | 1 (0.454) |
| Beryllium compounds | N.A. | 2,3 | | ** |
| Beryllium fluoride | 7787-49-7 | 1 | | 1 (0.454) |
| Beryllium nitrate | 13597-99-4 | 1 | | 1 (0.454) |
| Beryllium powder †† | 7787-55-5 | | | |
| alpha-BHC | 7440-41-7 | 2,3,4 | P015 | 10 (4.54) |
| beta-BHC | 319-84-6 | 2 | | 10 (4.54) |
| delta-BHC | 319-85-7 | 2 | | 1 (0.454) |
| gamma-BHC | 319-86-8 | 2 | | 1 (0.454) |
| 2,2'-Bioxirane | 58-89-9 | 1,2,3,4 | U129 | 1 (0.454) |
| Biphenyl | 1464-53-5 | 4 | U085 | 10 (4.54) |
| [1,1'-Biphenyl]-4,4'-diamine | 92-52-4 | 3 | | 100 (45.4) |
| [1,1'-Biphenyl]-4,4'-diamine,3,3'-dichloro- | 92-87-5 | 2,3,4 | U021 | 1 (0.454) |
| [1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethoxy- | 91-94-1 | 2,3,4 | U073 | 1 (0.454) |
| [1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethyl- | 119-90-4 | 3,4 | U091 | 100 (45.4) |
| Bis(2-chloroethoxy) methane | 119-93-7 | 3,4 | U095 | 10 (4.54) |
| Bis(2-chloroethyl) ether | 111-91-1 | 2,4 | U024 | 1000 (454) |
| Bis(chloromethyl) ether | 111-44-4 | 2,3,4 | U025 | 10 (4.54) |
| Bis(2-ethylhexyl) phthalate | 542-88-1 | 2,3,4 | P016 | 10 (4.54) |
| Bromoacetone | 117-81-7 | 3,4 | U028 | 100 (45.4) |
| Bromoform | 598-31-2 | 4 | P017 | 1000 (454) |
| Bromomethane | 75-25-2 | 2,3,4 | U225 | 100 (45.4) |
| 4-Bromophenyl phenyl ether | 74-83-9 | 2,3,4 | U029 | 1000 (454) |
| Brucine | 101-55-3 | 2,4 | U030 | 100 (45.4) |
| 1,3-Butadiene | 357-57-3 | 4 | P018 | 100 (45.4) |
| 1,3-Butadiene, 1,1,2,3,4,4-hexachloro- | 106-99-0 | 3 | | 10 (4.54) |
| 1-Butanamine, N-butyl-N-nitroso- | 87-68-3 | 2,3,4 | U128 | 1 (0.454) |
| 2-Butanone | 924-16-3 | 4 | U172 | 10 (4.54) |
| 2-Butanone, 3,3-dimethyl-1(methylthio)-, O-[(methylamino)carbonyl] oxime. | 71-36-3 | 4 | U031 | 5000 (2270) |
| 2-Butanone peroxide | 78-93-3 | 3,4 | U159 | 5000 (2270) |
| 2-Butenal | 39196-18-4 | 4 | P045 | 100 (45.4) |
| 2-Butene, 1,4-dichloro- | 1338-23-4 | 4 | U160 | 10 (4.54) |
| 2-Butenoic acid, 2-methyl-, 7-[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy] methyl]-2,3, 5,7-tetrahydro-1H-pyrrolizin-1-yl ester, [1S-[1alpha(Z), 7(2S*,3R*),7aalpha]]-. | 123-73-9 | 1,4 | U053 | 100 (45.4) |
| Butyl acetate | 4170-30-3 | | | |
| iso-Butyl acetate | 764-41-0 | 4 | U074 | 1 (0.454) |
| sec-Butyl acetate | 303-34-4 | 4 | U143 | 10 (4.54) |
| tert-Butyl acetate | 123-86-4 | 1 | | 5000 (2270) |
| n-Butyl alcohol | 110-19-0 | | | |
| Butylamine | 105-46-4 | | | |
| iso-Butylamine | 540-88-5 | | | |
| sec-Butylamine | 71-36-3 | 4 | U031 | 5000 (2270) |
| tert-Butylamine | 109-73-9 | 1 | | 1000 (454) |
| Butyl benzyl phthalate | 78-81-9 | | | |
| n-Butyl phthalate | 513-49-5 | | | |
| Butyric acid | 13952-84-6 | | | |
| iso-Butyric acid | 75-64-9 | | | |
| Cacodylic acid | 85-68-7 | 2 | | 100 (45.4) |
| Cadmium †† | 84-74-2 | 1,2,3,4 | U069 | 10 (4.54) |
| Cadmium acetate | 107-92-6 | 1 | | 5000 (2270) |
| CADMIUM AND COMPOUNDS | 79-31-2 | | | |
| Cadmium bromide | 75-60-5 | 4 | U136 | 1 (0.454) |
| Cadmium chloride | 7440-43-9 | 2 | | 10 (4.54) |
| Cadmium compounds | 543-90-8 | 1 | | 10 (4.54) |
| Cadmium nitrate | N.A. | 2,3 | | ** |
| Cadmium sulfide | 7789-42-6 | 1 | | 10 (4.54) |
| Cadmium selenide | 10108-64-2 | 1 | | 10 (4.54) |
| Cadmium telluride | N.A. | 2,3 | | ** |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|--------------------------------------------------------------------------------------------|------------|-----------------|----------------|----------------------|
| Calcium arsenate | 7778-44-1 | 1 | | 1 (0.454) |
| Calcium arsenite | 52740-16-6 | 1 | | 1 (0.454) |
| Calcium carbide | 75-20-7 | 1 | | 10 (4.54) |
| Calcium chromate | 13765-19-0 | 1,4 | U032 | 10 (4.54) |
| Calcium cyanamide | 156-62-7 | 3 | | 1000 (454) |
| Calcium cyanide Ca(CN)2 | 592-01-8 | 1,4 | P021 | 10 (4.54) |
| Calcium dodecylbenzenesulfonate | 26264-06-2 | 1 | | 1000 (454) |
| Calcium hypochlorite | 7778-54-3 | 1 | | 10 (4.54) |
| Captan | 133-06-2 | 1,3 | | 10 (4.54) |
| Carbamic acid, 1H-benzimidazol-2-yl, methyl ester | 10605217 | 4 | U372 | 10 (4.54) |
| Carbamic acid, [1-[(butylamino)carbonyl]-1H-benzimidazol-2-yl]-,methyl ester. | 17804352 | 4 | U271 | 10 (4.54) |
| Carbamic acid, (3-chlorophenyl)-, 4-chloro-2-butynyl ester | 101279 | 4 | U280 | 10 (4.54) |
| Carbamic acid, [(dibutylamino-thio)methyl-, 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ester. | 55285148 | 4 | P189 | 1000 (454) |
| Carbamic acid, dimethyl-,1-[(dimethyl-amino)carbonyl]-5-methyl-1H-pyrazol-3-yl ester. | 644644 | 4 | P191 | 1 (0.454) |
| Carbamic acid, dimethyl-, 3-methyl-1-(1-methylethyl)-1H-pyrazol-5-yl ester. | 119380 | 4 | P192 | 100 (45.4) |
| Carbamic acid, ethyl ester | 51-79-6 | 3,4 | U238 | 100 (45.4) |
| Carbamic acid, methyl-, 3-methylphenyl ester | 1129415 | 4 | P190 | 1000 (454) |
| Carbamic acid, methylnitroso-, ethyl ester | 615-53-2 | 4 | U178 | 1 (0.454) |
| Carbamic acid, [1,2-phenylenebis(iminocarbonothioyl)]bis-, dimethyl ester. | 23564058 | 4 | U409 | 10 (4.54) |
| Carbamic acid, phenyl-, 1-methylethyl ester | 122429 | 4 | U373 | 1000 (454) |
| Carbamic chloride, dimethyl- | 79-44-7 | 3,4 | U097 | 1 (0.454) |
| Carbamodithioic acid, 1,2-ethanediylbis-, salts & esters | 111-54-6 | 4 | U114 | 5000 (2270) |
| Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester. | 2303-16-4 | 4 | U062 | 100 (45.4) |
| Carbamothioic acid, bis(1-methylethyl)-, S-(2,3,3-trichloro-2-propenyl) ester. | 2303175 | 4 | U389 | 100 (45.4) |
| Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester | 52888809 | 4 | U387 | 5000 (2270) |
| Carbaryl | 63-25-2 | 1,3,4 | U279 | 100 (45.4) |
| Carbendazim | 10605217 | 4 | U372 | 10 (4.54) |
| Carbofuran | 1563-66-2 | 1,4 | P127 | 10 (4.54) |
| Carbofuran phenol | 1563388 | 4 | U367 | 10 (4.54) |
| Carbon disulfide | 75-15-0 | 1,3,4 | P022 | 100 (45.4) |
| Carbonic acid, dithallium(1+) salt | 6533-73-9 | 4 | U215 | 100 (45.4) |
| Carbonic dichloride | 75-44-5 | 1,3,4 | P095 | 10 (4.54) |
| Carbonic difluoride | 353-50-4 | 4 | U033 | 1000 (454) |
| Carbonochloridic acid, methyl ester | 79-22-1 | 4 | U156 | 1000 (454) |
| Carbon oxyfluoride | 353-50-4 | 4 | U033 | 1000 (454) |
| Carbon tetrachloride | 56-23-5 | 1,2,3,4 | U211 | 10 (4.54) |
| Carbonyl sulfide | 463-58-1 | 3 | | 100 (45.4) |
| Carbosulfan | 55285148 | 4 | P189 | 1000 (454) |
| Catechol | 120-80-9 | 3 | | 100 (45.4) |
| Chloral | 75-87-6 | 4 | U034 | 5000 (2270) |
| Chloramben | 133-90-4 | 3 | | 100 (45.4) |
| Chlorambucil | 305-03-3 | 4 | U035 | 10 (4.54) |
| Chlordane | 57-74-9 | 1,2,3,4 | U036 | 1 (0.454) |
| Chlordane, alpha & gamma isomers | 57-74-9 | 1,2,3,4 | U036 | 1 (0.454) |
| CHLORDANE (TECHNICAL MIXTURE AND METABOLITES). | 57-74-9 | 1,2,3,4 | U036 | 1 (0.454) |
| CHLORINATED BENZENES | N.A. | 2 | | ** |
| Chlorinated camphene | 8001-35-2 | 1,2,3,4 | P123 | 1 (0.454) |
| CHLORINATED ETHANES | N.A. | 2 | | ** |
| CHLORINATED NAPHTHALENE | N.A. | 2 | | ** |
| CHLORINATED PHENOLS | N.A. | 2 | | ** |
| Chlorine | 7782-50-5 | 1,3 | | 10 (4.54) |
| Chlornaphazine | 494-03-1 | 4 | U026 | 100 (45.4) |
| Chloroacetaldehyde | 107-20-0 | 4 | P023 | 1000 (454) |
| Chloroacetic acid | 79-11-8 | 3 | | 100 (45.4) |
| 2-Chloroacetophenone | 532-27-4 | 3 | | 100 (45.4) |
| CHLOROALKYL ETHERS | N.A. | 2 | | ** |
| p-Chloroaniline | 106-47-8 | 4 | P024 | 1000 (454) |
| Chlorobenzene | 108-90-7 | 1,2,3,4 | U037 | 100 (45.4) |
| Chlorobenzilate | 510-15-6 | 3,4 | U038 | 10 (4.54) |
| p-Chloro-m-cresol | 59-50-7 | 2,4 | U039 | 5000 (2270) |
| Chlorodibromomethane | 124-48-1 | 2 | | 100 (45.4) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|------------------------------------------------------------------|------------|-----------------|----------------|----------------------|
| 1-Chloro-2,3-epoxypropane | 106-89-8 | 1,3,4 | U041 | 100 (45.4) |
| Chloroethane | 75-00-3 | 2,3 | | 100 (45.4) |
| 2-Chloroethyl vinyl ether | 110-75-8 | 2,4 | U042 | 1000 (454) |
| Chloroform | 67-66-3 | 1,2,3,4 | U044 | 10 (4.54) |
| Chloromethane | 74-87-3 | 2,3,4 | U045 | 100 (45.4) |
| Chloromethyl methyl ether | 107-30-2 | 3,4 | U046 | 10 (4.54) |
| beta-Chloronaphthalene | 91-58-7 | 2,4 | U047 | 5000 (2270) |
| 2-Chloronaphthalene | 91-58-7 | 2,4 | U047 | 5000 (2270) |
| 2-Chlorophenol | 95-57-8 | 2,4 | U048 | 100 (45.4) |
| o-Chlorophenol | 95-57-8 | 2,4 | U048 | 100 (45.4) |
| 4-Chlorophenyl phenyl ether | 7005-72-3 | 2 | | 5000 (2270) |
| 1-(o-Chlorophenyl)thiourea | 5344-82-1 | 4 | P026 | 100 (45.4) |
| Chloroprene | 126-99-8 | 3 | | 100 (45.4) |
| 3-Chloropropionitrile | 542-76-7 | 4 | P027 | 1000 (454) |
| Chlorosulfonic acid | 7790-94-5 | 1 | | 1000 (454) |
| 4-Chloro-o-toluidine, hydrochloride | 3165-93-3 | 4 | U049 | 100 (45.4) |
| Chlorpyrifos | 2921-88-2 | 1 | | 1 (0.454) |
| Chromic acetate | 1066-30-4 | 1 | | 1000 (454) |
| Chromic acid | 11115-74-5 | 1 | | 10 (4.54) |
| | 7738-94-5 | | | |
| Chromic acid H ₂ CrO ₄ , calcium salt | 13765-19-0 | 1,4 | U032 | 10 (4.54) |
| Chromic sulfate | 10101-53-8 | 1 | | 1000 (454) |
| Chromium †† | 7440-47-3 | 2 | | 5000 (2270) |
| CHROMIUM AND COMPOUNDS | N.A. | 2,3 | | ** |
| Chromium Compounds | N.A. | 2,3 | | ** |
| Chromous chloride | 10049-05-5 | 1 | | 1000 (454) |
| Chrysene | 218-01-9 | 2,4 | U050 | 100 (45.4) |
| Cobalt Compounds | N.A. | 3 | | ** |
| Cobaltous bromide | 7789-43-7 | 1 | | 1000 (454) |
| Cobaltous formate | 544-18-3 | 1 | | 1000 (454) |
| Cobaltous sulfamate | 14017-41-5 | 1 | | 1000 (454) |
| Coke Oven Emissions | N.A. | 3 | | 1 (0.454) |
| Copper †† | 7440-50-8 | 2 | | 5000 (2270) |
| COPPER AND COMPOUNDS | N.A. | 2 | | ** |
| Copper cyanide Cu(CN) | 544-92-3 | 4 | P029 | 10 (4.54) |
| Coumaphos | 56-72-4 | 1 | | 10 (4.54) |
| Creosote | N.A. | 4 | U051 | 1 (0.454) |
| Cresol (cresylic acid) | 1319-77-3 | 1,3,4 | U052 | 100 (45.4) |
| m-Cresol | 108-39-4 | 3 | | 100 (45.4) |
| o-Cresol | 95-48-7 | 3 | | 100 (45.4) |
| p-Cresol | 106-44-5 | 3 | | 100 (45.4) |
| Cresols (isomers and mixture) | 1319-77-3 | 1,3,4 | U052 | 100 (45.4) |
| Cresylic acid (isomers and mixture) | 1319-77-3 | 1,3,4 | U052 | 100 (45.4) |
| Crotonaldehyde | 123-73-9 | 1,4 | U053 | 100 (45.4) |
| | 4170-30-3 | | | |
| Cumene | 98-82-8 | 3,4 | U055 | 5000 (2270) |
| m-Cumenyl methylcarbamate | 64006 | 4 | P202 | 10 (4.54) |
| Cupric acetate | 142-71-2 | 1 | | 100 (45.4) |
| Cupric acetoarsenite | 12002-03-8 | 1 | | 1 (0.454) |
| Cupric chloride | 7447-39-4 | 1 | | 10 (4.54) |
| Cupric nitrate | 3251-23-8 | 1 | | 100 (45.4) |
| Cupric oxalate | 5893-66-3 | 1 | | 100 (45.4) |
| Cupric sulfate | 7758-98-7 | 1 | | 10 (4.54) |
| Cupric sulfate, ammoniated | 10380-29-7 | 1 | | 100 (45.4) |
| Cupric tartrate | 815-82-7 | 1 | | 100 (45.4) |
| Cyanide Compounds | N.A. | 2,3 | | ** |
| CYANIDES | N.A. | 2,3 | | ** |
| Cyanides (soluble salts and complexes) not otherwise specified. | N.A. | 4 | P030 | 10 (4.54) |
| Cyanogen | 460-19-5 | 4 | P031 | 100 (45.4) |
| Cyanogen bromide (CN)Br | 506-68-3 | 4 | U246 | 1000 (454) |
| Cyanogen chloride (CN)Cl | 506-77-4 | 1,4 | P033 | 10 (4.54) |
| 2,5-Cyclohexadiene-1,4-dione | 106-51-4 | 3,4 | U197 | 10 (4.54) |
| Cyclohexane | 110-82-7 | 1,4 | U056 | 1000 (454) |
| Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1α, 2α, 3β-, 4α, 5α, 6β). | 58-89-9 | 1,2,3,4 | U129 | 1 (0.454) |
| Cyclohexanone | 108-94-1 | 4 | U057 | 5000 (2270) |
| 2-Cyclohexyl-4,6-dinitrophenol | 131-89-5 | 4 | P034 | 100 (45.4) |
| 1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro- | 77-47-4 | 1,2,3,4 | U130 | 10 (4.54) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|-------------------------------------------------|------------|-----------------|----------------|----------------------|
| Cyclophosphamide | 50-18-0 | 4 | U058 | 10 (4.54) |
| 2,4-D Acid | 94-75-7 | 1,3,4 | U240 | 100 (45.4) |
| 2,4-D Ester | 94-11-1 | 1 | | 100 (45.4) |
| | 94-79-1 | | | |
| | 94-80-4 | | | |
| | 1320-18-9 | | | |
| | 1928-38-7 | | | |
| | 1928-61-6 | | | |
| | 1929-73-3 | | | |
| | 2971-38-2 | | | |
| | 25168-26-7 | | | |
| | 53467-11-1 | | | |
| 2,4-D, salts and esters | 94-75-7 | 1,3,4 | U240 | 100 (45.4) |
| Daunomycin | 20830-81-3 | 4 | U059 | 10 (4.54) |
| DDD | 72-54-8 | 1,2,4 | U060 | 1 (0.454) |
| 4,4'-DDD | 72-54-8 | 1,2,4 | U060 | 1 (0.454) |
| DDE ^b | 72-55-9 | 2 | | 1 (0.454) |
| DDE ^b | 3547-04-4 | 3 | | 5000 (2270) |
| 4,4'-DDE | 72-55-9 | 2 | | 1 (0.454) |
| DDT | 50-29-3 | 1,2,4 | U061 | 1 (0.454) |
| 4,4'-DDT | 50-29-3 | 1,2,4 | U061 | 1 (0.454) |
| DDT AND METABOLITES | N.A. | 2 | | ** |
| DEHP | 117-81-7 | 2,3,4 | U028 | 100 (45.4) |
| Diallate | 2303-16-4 | 4 | U062 | 100 (45.4) |
| Diazinon | 333-41-5 | 1 | | 1 (0.454) |
| Diazomethane | 334-88-3 | 3 | | 100 (45.4) |
| Dibenz[a,h]anthracene | 53-70-3 | 2,4 | U063 | 1 (0.454) |
| 1,2:5,6-Dibenzanthracene | 53-70-3 | 2,4 | U063 | 1 (0.454) |
| Dibenzo[a,h]anthracene | 53-70-3 | 2,4 | U063 | 1 (0.454) |
| Dibenzofuran | 132-64-9 | 3 | | 100 (45.4) |
| Dibenzo[a,i]pyrene | 189-55-9 | 4 | U064 | 10 (4.54) |
| 1,2-Dibromo-3-chloropropane | 96-12-8 | 3,4 | U066 | 1 (0.454) |
| Dibromoethane | 106-93-4 | 1,3,4 | U067 | 1 (0.454) |
| Dibutyl phthalate | 84-74-2 | 1,2,3,4 | U069 | 10 (4.54) |
| Di-n-butyl phthalate | 84-74-2 | 1,2,3,4 | U069 | 10 (4.54) |
| Dicamba | 1918-00-9 | 1 | | 1000 (454) |
| Dichlobenil | 1194-65-6 | 1 | | 100 (45.4) |
| Dichlone | 117-80-6 | 1 | | 1 (0.454) |
| Dichlorobenzene | 25321-22-6 | 1 | | 100 (45.4) |
| 1,2-Dichlorobenzene | 95-50-1 | 1,2,4 | U070 | 100 (45.4) |
| 1,3-Dichlorobenzene | 541-73-1 | 2,4 | U071 | 100 (45.4) |
| 1,4-Dichlorobenzene | 106-46-7 | 1,2,3,4 | U072 | 100 (45.4) |
| m-Dichlorobenzene | 541-73-1 | 2,4 | U071 | 100 (45.4) |
| o-Dichlorobenzene | 95-50-1 | 1,2,4 | U070 | 100 (45.4) |
| p-Dichlorobenzene | 106-46-7 | 1,2,3,4 | U072 | 100 (45.4) |
| DICHLOROBENZIDINE | N.A. | 2 | | ** |
| 3,3'-Dichlorobenzidine | 91-94-1 | 2,3,4 | U073 | 1 (0.454) |
| Dichlorobromomethane | 75-27-4 | 2 | | 5000 (2270) |
| 1,4-Dichloro-2-butene | 764-41-0 | 4 | U074 | 1 (0.454) |
| Dichlorodifluoromethane | 75-71-8 | 4 | U075 | 5000 (2270) |
| 1,1-Dichloroethane | 75-34-3 | 2,3,4 | U076 | 1000 (454) |
| 1,2-Dichloroethane | 107-06-2 | 1,2,3,4 | U077 | 100 (45.4) |
| 1,1-Dichloroethylene | 75-35-4 | 1,2,3,4 | U078 | 100 (45.4) |
| 1,2-Dichloroethylene | 156-60-5 | 2,4 | U079 | 1000 (454) |
| Dichloroethyl ether | 111-44-4 | 2,3,4 | U025 | 10 (4.54) |
| Dichloroisopropyl ether | 108-60-1 | 2,4 | U027 | 1000 (454) |
| Dichloromethane | 75-09-2 | 2,3,4 | U080 | 1000 (454) |
| Dichloromethoxyethane | 111-91-1 | 2,4 | U024 | 1000 (454) |
| Dichloromethyl ether | 542-88-1 | 2,3,4 | P016 | 10 (4.54) |
| 2,4-Dichlorophenol | 120-83-2 | 2,4 | U081 | 100 (45.4) |
| 2,6-Dichlorophenol | 87-65-0 | 4 | U082 | 100 (45.4) |
| Dichlorophenylarsine | 696-28-6 | 4 | P036 | 1 (0.454) |
| Dichloropropane | 26638-19-7 | 1 | | 1000 (454) |
| 1,1-Dichloropropane | 78-99-9 | | | |
| 1,3-Dichloropropane | 142-28-9 | | | |
| 1,2-Dichloropropane | 78-87-5 | 1,2,3,4 | U083 | 1000 (454) |
| Dichloropropane—Dichloropropene (mixture) | 8003-19-8 | 1 | | 100 (45.4) |
| Dichloropropene | 26952-23-8 | 1 | | 100 (45.4) |
| 2,3-Dichloropropene | 78-88-6 | | | |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|----------------|----------------------|
| 1,3-Dichloropropene | 542-75-6 | 1,2,3,4 | U084 | 100 (45.4) |
| 2,2-Dichloropropionic acid | 75-99-0 | 1 | | 5000 (2270) |
| Dichlorvos | 62-73-7 | 1,3 | | 10 (4.54) |
| Dicofol | 115-32-2 | 1 | | 10 (4.54) |
| Dieldrin | 60-57-1 | 1,2,4 | P037 | 1 (0.454) |
| 1,2,3,4-Diepoxybutane | 1464-53-5 | 4 | U085 | 10 (4.54) |
| Diethanolamine | 111-42-2 | 3 | | 100 (45.4) |
| Diethylamine | 109-89-7 | 1 | | 100 (45.4) |
| N,N-Diethylaniline | 91-66-7 | 3 | | 1000 (454) |
| Diethylarsine | 692-42-2 | 4 | P038 | 1 (0.454) |
| 1,4-Diethyleneoxide | 123-91-1 | 3,4 | U108 | 100 (45.4) |
| Diethylene glycol, dicarbamate | 5952261 | 4 | U395 | 5000 (2270) |
| Diethylhexyl phthalate | 117-81-7 | 2,3,4 | U028 | 100 (45.4) |
| N,N'-Diethylhydrazine | 1615-80-1 | 4 | U086 | 10 (4.54) |
| O,O-Diethyl S-methyl dithiophosphate | 3288-58-2 | 4 | U087 | 5000 (2270) |
| Diethyl-p-nitrophenyl phosphate | 311-45-5 | 4 | P041 | 100 (45.4) |
| Diethyl phthalate | 84-66-2 | 2,4 | U088 | 1000 (454) |
| O,O-Diethyl O-pyrazinyl phosphorothioate | 297-97-2 | 4 | P040 | 100 (45.4) |
| Diethylstilbestrol | 56-53-1 | 4 | U089 | 1 (0.454) |
| Diethyl sulfate | 64-67-5 | 3 | | 10 (4.54) |
| Dihydrosafrole | 94-58-6 | 4 | U090 | 10 (4.54) |
| Diisopropylfluorophosphate (DFP) | 55-91-4 | 4 | P043 | 100 (45.4) |
| 1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4beta,5alpha,8alpha,8beta)- | 309-00-2 | 1,2,4 | P004 | 1 (0.454) |
| 1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4beta,5beta,8beta,8beta)- | 465-73-6 | 4 | P060 | 1 (0.454) |
| 2,7:3,6-Dimethanonaphth[2,3-b]oxirene,3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1alpha,2beta,2alpha,3beta,6beta,6alpha,7beta,7alpha)- | 60-57-1 | 1,2,4 | P037 | 1 (0.454) |
| 2,7:3,6-Dimethanonaphth[2,3-b]oxirene,3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1alpha,2beta,2alpha,3beta,6beta,6alpha,7beta,7alpha)-, & metabolites. | 72-20-8 | 1,2,4 | P051 | 1 (0.454) |
| Dimethoate | 60-51-5 | 4 | P044 | 10 (4.54) |
| 3,3'-Dimethoxybenzidine | 119-90-4 | 3,4 | U091 | 100 (45.4) |
| Dimethylamine | 124-40-3 | 1,4 | U092 | 1000 (454) |
| Dimethyl aminoazobenzene | 60-11-7 | 3,4 | U093 | 10 (4.54) |
| p-Dimethylaminoazobenzene | 60-11-7 | 3,4 | U093 | 10 (4.54) |
| N,N-Dimethylaniline | 121-69-7 | 3 | | 100 (45.4) |
| 7,12-Dimethylbenz[a]anthracene | 57-97-6 | 4 | U094 | 1 (0.454) |
| 3,3'-Dimethylbenzidine | 119-93-7 | 3,4 | U095 | 10 (4.54) |
| alpha, alpha-Dimethylbenzylhydroperoxide | 80-15-9 | 4 | U096 | 10 (4.54) |
| Dimethylcarbamoyl chloride | 79-44-7 | 3,4 | U097 | 1 (0.454) |
| Dimethylformamide | 68-12-2 | 3 | | 100 (45.4) |
| 1,1-Dimethylhydrazine | 57-14-7 | 3,4 | U098 | 10 (4.54) |
| 1,2-Dimethylhydrazine | 540-73-8 | 4 | U099 | 1 (0.454) |
| alpha, alpha-Dimethylphenethylamine | 122-09-8 | 4 | P046 | 5000 (2270) |
| 2,4-Dimethylphenol | 105-67-9 | 2,4 | U101 | 100 (45.4) |
| Dimethyl phthalate | 131-11-3 | 2,3,4 | U102 | 5000 (2270) |
| Dimethyl sulfate | 77-78-1 | 3,4 | U103 | 100 (45.4) |
| Dimetilan | 644644 | 4 | P191 | 1 (0.454) |
| Dinitrobenzene (mixed) | 25154-54-5 | 1 | | 100 (45.4) |
| m-Dinitrobenzene | 99-65-0 | | | |
| o-Dinitrobenzene | 528-29-0 | | | |
| p-Dinitrobenzene | 100-25-4 | | | |
| 4,6-Dinitro-o-cresol, and salts | 534-52-1 | 2,3,4 | P047 | 10 (4.54) |
| Dinitrophenol | 25550-58-7 | 1 | | 10 (4.54) |
| 2,5-Dinitrophenol | 329-71-5 | | | |
| 2,6-Dinitrophenol | 573-56-8 | | | |
| 2,4-Dinitrophenol | 51-28-5 | 1,2,3,4 | P048 | 10 (4.54) |
| Dinitrotoluene | 25321-14-6 | 1,2 | | 10 (4.54) |
| 3,4-Dinitrotoluene | 610-39-9 | | | |
| 2,4-Dinitrotoluene | 121-14-2 | 1,2,3,4 | U105 | 10 (4.54) |
| 2,6-Dinitrotoluene | 606-20-2 | 1,2,4 | U106 | 100 (45.4) |
| Dinoseb | 88-85-7 | 4 | P020 | 1000 (454) |
| Di-n-octyl phthalate | 117-84-0 | 2,4 | U107 | 5000 (2270) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|-------------------------------------------------------------------------------------------------|------------|-----------------|----------------|----------------------|
| 1,4-Dioxane | 123-91-1 | 3,4 | U108 | 100 (45.4) |
| DIPHENYLHYDRAZINE | N.A. | 2 | | ** |
| 1,2-Diphenylhydrazine | 122-66-7 | 2,3,4 | U109 | 10 (4.54) |
| Diphosphoramidate, octamethyl- | 152-16-9 | 4 | P085 | 100 (45.4) |
| Diphosphoric acid, tetraethyl ester | 107-49-3 | 1,4 | P111 | 10 (4.54) |
| Dipropylamine | 142-84-7 | 4 | U110 | 5000 (2270) |
| Di-n-propylnitrosamine | 621-64-7 | 2,4 | U111 | 10 (4.54) |
| Diquat | 85-00-7 | 1 | | 1000 (454) |
| | 2764-72-9 | | | |
| Disulfoton | 298-04-4 | 1,4 | P039 | 1 (0.454) |
| Dithiobiuret | 541-53-7 | 4 | P049 | 100 (45.4) |
| 1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O-[(methylamino)-carbonyl]oxime. | 26419738 | 4 | P185 | 100 (45.4) |
| Diuron | 330-54-1 | 1 | | 100 (45.4) |
| Dodecylbenzenesulfonic acid | 27176-87-0 | 1 | | 1000 (454) |
| Endosulfan | 115-29-7 | 1,2,4 | P050 | 1 (0.454) |
| alpha-Endosulfan | 959-98-8 | 2 | | 1 (0.454) |
| beta-Endosulfan | 33213-65-9 | 2 | | 1 (0.454) |
| ENDOSULFAN AND METABOLITES | N.A. | 2 | | ** |
| Endosulfan sulfate | 1031-07-8 | 2 | | 1 (0.454) |
| Endothall | 145-73-3 | 4 | P088 | 1000 (454) |
| Endrin | 72-20-8 | 1,2,4 | P051 | 1 (0.454) |
| Endrin aldehyde | 7421-93-4 | 2 | | 1 (0.454) |
| ENDRIN AND METABOLITES | N.A. | 2 | | ** |
| Endrin, & metabolites | 72-20-8 | 1,2,4 | P051 | 1 (0.454) |
| Epichlorohydrin | 106-89-8 | 1,3,4 | U041 | 100 (45.4) |
| Epinephrine | 51-43-4 | 4 | P042 | 1000 (454) |
| 1,2-Epoxybutane | 106-88-7 | 3 | | 100 (45.4) |
| Ethanal | 75-07-0 | 1,3,4 | U001 | 1000 (454) |
| Ethanamine, N,N-diethyl- | 121-44-8 | 1,3,4 | U404 | 5000 (2270) |
| Ethanamine, N-ethyl-N-nitroso- | 55-18-5 | 4 | U174 | 1 (0.454) |
| 1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-. | 91-80-5 | 4 | U155 | 5000 (2270) |
| Ethane, 1,2-dibromo- | 106-93-4 | 1,3,4 | U067 | 1 (0.454) |
| Ethane, 1,1-dichloro- | 75-34-3 | 2,3,4 | U076 | 1000 (454) |
| Ethane, 1,2-dichloro- | 107-06-2 | 1,2,3,4 | U077 | 100 (45.4) |
| Ethanedinitrile | 460-19-5 | 4 | P031 | 100 (45.4) |
| Ethane, hexachloro- | 67-72-1 | 2,3,4 | U131 | 100 (45.4) |
| Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro- | 111-91-1 | 2,4 | U024 | 1000 (454) |
| Ethane, 1,1'-oxybis- | 60-29-7 | 4 | U117 | 100 (45.4) |
| Ethane, 1,1'-oxybis[2-chloro- | 111-44-4 | 2,3,4 | U025 | 10 (4.54) |
| Ethane, pentachloro- | 76-01-7 | 4 | U184 | 10 (4.54) |
| Ethane, 1,1,1,2-tetrachloro- | 630-20-6 | 4 | U208 | 100 (45.4) |
| Ethane, 1,1,2,2-tetrachloro- | 79-34-5 | 2,3,4 | U209 | 100 (45.4) |
| Ethanethioamide | 62-55-5 | 4 | U218 | 10 (4.54) |
| Ethane, 1,1,1-trichloro- | 71-55-6 | 2,3,4 | U226 | 1000 (454) |
| Ethane, 1,1,2-trichloro- | 79-00-5 | 2,3,4 | U227 | 100 (45.4) |
| Ethanimidiothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo-, methyl ester. | 30558431 | 4 | U394 | 5000 (2270) |
| Ethanimidiothioic acid, 2-(dimethylamino)-N-[[[(methylamino)carbonyl]oxy]-2-oxo-, methyl ester. | 23135220 | 4 | P194 | 100 (45.4) |
| Ethanimidiothioic acid, N-[[[(methylamino) carbonyl]oxy]-, methyl ester. | 16752-77-5 | 4 | P066 | 100 (45.4) |
| Ethanimidiothioic acid, N,N'-[thiobis[(methylimino) carbonyloxy]]bis-, dimethyl ester. | 59669260 | 4 | U410 | 100 (45.4) |
| Ethanol, 2-ethoxy- | 110-80-5 | 4 | U359 | 1000 (454) |
| Ethanol, 2,2'-(nitrosoimino)bis- | 1116-54-7 | 4 | U173 | 1 (0.454) |
| Ethanol, 2,2'-oxybis-, dicarbamate | 5952261 | 4 | U395 | 5000 (2270) |
| Ethanone, 1-phenyl- | 98-86-2 | 3,4 | U004 | 5000 (2270) |
| Ethene, chloro- | 75-01-4 | 2,3,4 | U043 | 1 (0.454) |
| Ethene, (2-chloroethoxy)- | 110-75-8 | 2,4 | U042 | 1000 (454) |
| Ethene, 1,1-dichloro- | 75-35-4 | 1,2,3,4 | U078 | 100 (45.4) |
| Ethene, 1,2-dichloro-(E) | 156-60-5 | 2,4 | U079 | 1000 (454) |
| Ethene, tetrachloro- | 127-18-4 | 2,3,4 | U210 | 100 (45.4) |
| Ethene, trichloro- | 79-01-6 | 1,2,3,4 | U228 | 100 (45.4) |
| Ethion | 563-12-2 | 1 | | 10 (4.54) |
| Ethyl acetate | 141-78-6 | 4 | U112 | 5000 (2270) |
| Ethyl acrylate | 140-88-5 | 3,4 | U113 | 1000 (454) |
| Ethylbenzene | 100-41-4 | 1,2,3 | | 1000 (454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|-------------------------------------------------------------|------------|-----------------|----------------|----------------------|
| Ethyl carbamate | 51-79-6 | 3,4 | U238 | 100 (45.4) |
| Ethyl chloride | 75-00-3 | 2,3 | | 100 (45.4) |
| Ethyl cyanide | 107-12-0 | 4 | P101 | 10 (4.54) |
| Ethylenebisdithiocarbamic acid, salts & esters | 111-54-6 | 4 | U114 | 5000 (2270) |
| Ethylenediamine | 107-15-3 | 1 | | 5000 (2270) |
| Ethylenediamine-tetraacetic acid (EDTA) | 60-00-4 | 1 | | 5000 (2270) |
| Ethylene dibromide | 106-93-4 | 1,3,4 | U067 | 1 (0.454) |
| Ethylene dichloride | 107-06-2 | 1,2,3,4 | U077 | 100 (45.4) |
| Ethylene glycol | 107-21-1 | 3 | | 5000 (2270) |
| Ethylene glycol monoethyl ether | 110-80-5 | 4 | U359 | 1000 (454) |
| Ethylene oxide | 75-21-8 | 3,4 | U115 | 10 (4.54) |
| Ethylenethiourea | 96-45-7 | 3,4 | U116 | 10 (4.54) |
| Ethylenimine | 151-56-4 | 3,4 | P054 | 1 (0.454) |
| Ethyl ether | 60-29-7 | 4 | U117 | 100 (45.4) |
| Ethylidene dichloride | 75-34-3 | 2,3,4 | U076 | 1000 (454) |
| Ethyl methacrylate | 97-63-2 | 4 | U118 | 1000 (454) |
| Ethyl methanesulfonate | 62-50-0 | 4 | U119 | 1 (0.454) |
| Famphur | 52-85-7 | 4 | P097 | 1000 (454) |
| Ferric ammonium citrate | 1185-57-5 | 1 | | 1000 (454) |
| Ferric ammonium oxalate | 2944-67-4 | 1 | | 1000 (454) |
| | 55488-87-4 | | | |
| Ferric chloride | 7705-08-0 | 1 | | 1000 (454) |
| Ferric fluoride | 7783-50-8 | 1 | | 100 (45.4) |
| Ferric nitrate | 10421-48-4 | 1 | | 1000 (454) |
| Ferric sulfate | 10028-22-5 | 1 | | 1000 (454) |
| Ferrous ammonium sulfate | 10045-89-3 | 1 | | 1000 (454) |
| Ferrous chloride | 7758-94-3 | 1 | | 100 (45.4) |
| Ferrous sulfate | 7720-78-7 | 1 | | 1000 (454) |
| | 7782- 63-0 | | | |
| Fine mineral fibers ^c | N.A. | 3 | | ** |
| Fluoranthene | 206-44-0 | 2,4 | U120 | 100 (45.4) |
| Fluorene | 86-73-7 | 2 | | 5000 (2270) |
| Fluorine | 7782-41-4 | 4 | P056 | 10 (4.54) |
| Fluoroacetamide | 640-19-7 | 4 | P057 | 100 (45.4) |
| Fluoroacetic acid, sodium salt | 62-74-8 | 4 | P058 | 10 (4.54) |
| Formaldehyde | 50-00-0 | 1,3,4 | U122 | 100 (45.4) |
| Formetanate hydrochloride | 23422539 | 4 | P198 | 100 (45.4) |
| Formic acid | 64-18-6 | 1,4 | U123 | 5000 (2270) |
| Formparanate | 17702577 | 4 | P197 | 100 (45.4) |
| Fulminic acid, mercury(2+)-salt | 628-86-4 | 4 | P065 | 10 (4.54) |
| Fumaric acid | 110-17-8 | 1 | | 5000 (2270) |
| Furan | 110-00-9 | 4 | U124 | 100 (45.4) |
| 2-Furancarboxaldehyde | 98-01-1 | 1,4 | U125 | 5000 (2270) |
| 2,5-Furandione | 108-31-6 | 1,3,4 | U147 | 5000 (2270) |
| Furan, tetrahydro- | 109-99-9 | 4 | U213 | 1000 (454) |
| Furfural | 98-01-1 | 1,4 | U125 | 5000 (2270) |
| Furfuran | 110-00-9 | 4 | U124 | 100 (45.4) |
| Glucopyranose, 2-deoxy-2-(3-methyl-3-nitroso-ureido)-,D- | 18883-66-4 | 4 | U206 | 1 (0.454) |
| D-Glucose, 2-deoxy-2-[(methylnitrosoamino)-carbonyl]amino]- | 18883-66-4 | 4 | U206 | 1 (0.454) |
| Glycidylaldehyde | 765-34-4 | 4 | U126 | 10 (4.54) |
| Glycol ethers ^d | N.A. | 3 | | ** |
| Guanidine, N-methyl-N'-nitro-N-nitroso- | 70-25-7 | 4 | U163 | 10 (4.54) |
| Guthion | 86-50-0 | 1 | | 1 (0.454) |
| HALOETHERS | N.A. | 2 | | ** |
| HALOMETHANES | N.A. | 2 | | ** |
| Heptachlor | 76-44-8 | 1,2,3,4 | P059 | 1 (0.454) |
| HEPTACHLOR AND METABOLITES | N.A. | 2 | | ** |
| Heptachlor epoxide | 1024-57-3 | 2 | | 1 (0.454) |
| Hexachlorobenzene | 118-74-1 | 2,3,4 | U127 | 10 (4.54) |
| Hexachlorobutadiene | 87-68-3 | 2,3,4 | U128 | 1 (0.454) |
| HEXACHLOROCYCLOHEXANE (all isomers) | 608-73-1 | 2 | | ** |
| Hexachlorocyclopentadiene | 77-47-4 | 1,2,3,4 | U130 | 10 (4.54) |
| Hexachloroethane | 67-72-1 | 2,3,4 | U131 | 100 (45.4) |
| Hexachlorophene | 70-30-4 | 4 | U132 | 100 (45.4) |
| Hexachloropropene | 1888-71-7 | 4 | U243 | 1000 (454) |
| Hexaethyl tetraphosphate | 757-58-4 | 4 | P062 | 100 (45.4) |
| Hexamethylene-1,6-diisocyanate | 822-06-0 | 3 | | 100 (45.4) |
| Hexamethylphosphoramide | 680-31-9 | 3 | | 1 (0.454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|-------------------------------------------------|------------|-----------------|----------------|----------------------|
| Hexane | 110-54-3 | 3 | | 5000 (2270) |
| Hexone | 108-10-1 | 3,4 | U161 | 5000 (2270) |
| Hydrazine | 302-01-2 | 3,4 | U133 | 1 (0.454) |
| Hydrazinecarbothioamide | 79-19-6 | 4 | P116 | 100 (45.4) |
| Hydrazine, 1,2-diethyl- | 1615-80-1 | 4 | U086 | 10 (4.54) |
| Hydrazine, 1,1-dimethyl- | 57-14-7 | 3,4 | U098 | 10 (4.54) |
| Hydrazine, 1,2-dimethyl- | 540-73-8 | 4 | U099 | 1 (0.454) |
| Hydrazine, 1,2-diphenyl- | 122-66-7 | 2,3,4 | U109 | 10 (4.54) |
| Hydrazine, methyl- | 60-34-4 | 3,4 | P068 | 10 (4.54) |
| Hydrochloric acid | 7647-01-0 | 1,3 | | 5000 (2270) |
| Hydrocyanic acid | 74-90-8 | 1,4 | P063 | 10 (4.54) |
| Hydrofluoric acid | 7664-39-3 | 1,3,4 | U134 | 100 (45.4) |
| Hydrogen chloride | 7647-01-0 | 1,3 | | 5000 (2270) |
| Hydrogen cyanide | 74-90-8 | 1,4 | P063 | 10 (4.54) |
| Hydrogen fluoride | 7664-39-3 | 1,3,4 | U134 | 100 (45.4) |
| Hydrogen phosphide | 7803-51-2 | 3,4 | P096 | 100 (45.4) |
| Hydrogen sulfide H2S | 7783-06-4 | 1,4 | U135 | 100 (45.4) |
| Hydroperoxide, 1-methyl-1-phenylethyl- | 80-15-9 | 4 | U096 | 10 (4.54) |
| Hydroquinone | 123-31-9 | 3 | | 100 (45.4) |
| 2-Imidazolidinethione | 96-45-7 | 3,4 | U116 | 10 (4.54) |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 2,4 | U137 | 100 (45.4) |
| Iodomethane | 74-88-4 | 3,4 | U138 | 100 (45.4) |
| 1,3-Isobenzofurandione | 85-44-9 | 3,4 | U190 | 5000 (2270) |
| Isobutyl alcohol | 78-83-1 | 4 | U140 | 5000 (2270) |
| Isodrin | 465-73-6 | 4 | P060 | 1 (0.454) |
| Isolan | 119380 | 4 | P192 | 100 (45.4) |
| Isophorone | 78-59-1 | 2,3 | | 5000 (2270) |
| Isoprene | 78-79-5 | 1 | | 100 (45.4) |
| Isopropanolamine dodecylbenzenesulfonate | 42504-46-1 | 1 | | 1000 (454) |
| 3-Isopropylphenyl N-methylcarbamate | 64006 | 4 | P202 | 10 (4.54) |
| Isosafrole | 120-58-1 | 4 | U141 | 100 (45.4) |
| 3(2H)-Isoxazolone, 5-(aminomethyl)- | 2763-96-4 | 4 | P007 | 1000 (454) |
| Kepon | 143-50-0 | 1,4 | U142 | 1 (0.454) |
| Lasiocarpine | 303-34-4 | 4 | U143 | 10 (4.54) |
| Lead†† | 7439-92-1 | 2 | | 10 (4.54) |
| Lead acetate | 301-04-2 | 1,4 | U144 | 10 (4.54) |
| LEAD AND COMPOUNDS | N.A. | 2,3 | | ** |
| Lead arsenate | 7784-40-9 | 1 | | 1 (0.454) |
| | 7645-25-2 | | | |
| | 10102-48-4 | | | |
| Lead, bis(acetato-O)tetrahydroxytri- | 1335-32-6 | 4 | U146 | 10 (4.54) |
| Lead chloride | 7758-95-4 | 1 | | 10 (4.54) |
| Lead compounds | N.A. | 2,3 | | ** |
| Lead fluoborate | 13814-96-5 | 1 | | 10 (4.54) |
| Lead fluoride | 7783-46-2 | 1 | | 10 (4.54) |
| Lead iodide | 10101-63-0 | 1 | | 10 (4.54) |
| Lead nitrate | 10099-74-8 | 1 | | 10 (4.54) |
| Lead phosphate | 7446-27-7 | 4 | U145 | 10 (4.54) |
| Lead stearate | 1072-35-1 | 1 | | 10 (4.54) |
| | 7428-48-0 | | | |
| | 52652-59-2 | | | |
| | 56189-09-4 | | | |
| Lead subacetate | 1335-32-6 | 4 | U146 | 10 (4.54) |
| Lead sulfate | 7446-14-2 | 1 | | 10 (4.54) |
| | 15739-80-7 | | | |
| Lead sulfide | 1314-87-0 | 1 | | 10 (4.54) |
| Lead thiocyanate | 592-87-0 | 1 | | 10 (4.54) |
| Lindane | 58-89-9 | 1,2,3,4 | U129 | 1 (0.454) |
| Lindane (all isomers) | 58-89-9 | 1,2,3,4 | U129 | 1 (0.454) |
| Lithium chromate | 14307-35-8 | 1 | | 10 (4.54) |
| Malathion | 121-75-5 | 1 | | 100 (45.4) |
| Maleic acid | 110-16-7 | 1 | | 5000 (2270) |
| Maleic anhydride | 108-31-6 | 1,3,4 | U147 | 5000 (2270) |
| Maleic hydrazide | 123-33-1 | 4 | U148 | 5000 (2270) |
| Malononitrile | 109-77-3 | 4 | U149 | 1000 (454) |
| Manganese, bis (dimethylcarbamodithioato-S,S')- | 15339363 | 4 | P196 | 10 (4.54) |
| Manganese Compounds | N.A. | 3 | | ** |
| Manganese dimethyldithiocarbamate | 15339363 | 4 | P196 | 10 (4.54) |
| MDI | 101-68-8 | 3 | | 5000 (2270) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|----------------|----------------------|
| MEK | 78-93-3 | 3,4 | U159 | 5000 (2270) |
| Melphalan | 148-82-3 | 4 | U150 | 1 (0.454) |
| Mercaptodimethur | 2032-65-7 | 1,4 | P199 | 10 (4.54) |
| Mercuric cyanide | 592-04-1 | 1 | | 1(0.454) |
| Mercuric nitrate | 10045-94-0 | 1 | | 10 (4.54) |
| Mercuric sulfate | 7783-35-9 | 1 | | 10 (4.54) |
| Mercuric thiocyanate | 592-85-8 | 1 | | 10 (4.54) |
| Mercurous nitrate | 10415-75-5 | 1 | 10 (4.54) | 7782-86-7 |
| Mercury | 7439-97-6 | 2,3,4 | U151 | 1 (0.454) |
| MERCURY AND COMPOUNDS | N.A. | 2,3 | | ** |
| Mercury, (acetato-O)phenyl- | 62-38-4 | 4 | P092 | 100 (45.4) |
| Mercury Compounds | N.A. | 2,3 | | ** |
| Mercury fulminate | 628-86-4 | 4 | P065 | 10 (4.54) |
| Methacrylonitrile | 126-98-7 | 4 | U152 | 1000 (454) |
| Methanamine, N-methyl- | 124-40-3 | 1,4 | U092 | 1000 (454) |
| Methanamine, N-methyl-N-nitroso- | 62-75-9 | 2,3,4 | P082 | 10 (4.54) |
| Methane, bromo- | 74-83-9 | 2,3,4 | U029 | 1000 (454) |
| Methane, chloro- | 74-87-3 | 2,3,4 | U045 | 100 (45.4) |
| Methane, chloromethoxy- | 107-30-2 | 3,4 | U046 | 10 (4.54) |
| Methane, dibromo- | 74-95-3 | 4 | U068 | 1000 (454) |
| Methane, dichloro- | 75-09-2 | 2,3,4 | U080 | 1000 (454) |
| Methane, dichlorodifluoro- | 75-71-8 | 4 | U075 | 5000 (2270) |
| Methane, iodo- | 74-88-4 | 3,4 | U138 | 100 (45.4) |
| Methane, isocyanato- | 624-83-9 | 3,4 | P064 | 10 (4.54) |
| Methane, oxybis(chloro- | 542-88-1 | 2,3,4 | P016 | 10 (4.54) |
| Methanesulfonyl chloride, trichloro- | 594-42-3 | 4 | P118 | 100 (45.4) |
| Methanesulfonic acid, ethyl ester | 62-50-0 | 4 | U119 | 1 (0.454) |
| Methane, tetrachloro- | 56-23-5 | 1,2,3,4 | U211 | 10 (4.54) |
| Methane, tetranitro- | 509-14-8 | 4 | P112 | 10 (4.54) |
| Methanethiol | 74-93-1 | 1,4 | U153 | 100 (45.4) |
| Methane, tribromo- | 75-25-2 | 2,3,4 | U225 | 100 (45.4) |
| Methane, trichloro- | 67-66-3 | 1,2,3,4 | U044 | 10 (4.54) |
| Methane, trichlorofluoro- | 75-69-4 | 4 | U121 | 5000 (2270) |
| Methanimidamide, N,N-dimethyl-N'-[3-[[[(methylamino)carbonyl]oxy]phenyl]-, monohydrochloride. | 23422539 | 4 | P198 | 100 (45.4) |
| Methanimidamide, N,N-dimethyl-N'-[2-methyl-4-[[[(methylamino) carbonyl]oxy]phenyl]-, 6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-, 3-oxide. | 115-29-7 | 1,2,4 | P050 | 1 (0.454) |
| 4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro- | 76-44-8 | 1,2,3,4 | P059 | 1 (0.454) |
| 4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro— | 57-74-9 | 1,2,3,4 | U036 | 1 (0.454) |
| Methanol | 67-56-1 | 3,4 | U154 | 5000 (2270) |
| Methapyriline | 91-80-5 | 4 | U155 | 5000 (2270) |
| 1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5a,5b,6-decachlorooctahydro- | 143-50-0 | 1,4 | U142 | 1 (0.454) |
| Methiocarb | 2032-65-7 | 1,4 | P199 | 10 (4.54) |
| Methyl | 16752-77-5 | 4 | P066 | 100 (45.4) |
| Methoxychlor | 72-43-5 | 1,3,4 | U247 | 1 (0.454) |
| Methyl alcohol | 67-56-1 | 3,4 | U154 | 5000 (2270) |
| 2-Methyl aziridine | 75-55-8 | 3,4 | P067 | 1 (0.454) |
| Methyl bromide | 74-83-9 | 2,3,4 | U029 | 1000 (454) |
| 1-Methylbutadiene | 504-60-9 | 4 | U186 | 100 (45.4) |
| Methyl chloride | 74-87-3 | 2,3,4 | U045 | 100 (45.4) |
| Methyl chlorocarbonate | 79-22-1 | 4 | U156 | 1000 (454) |
| Methyl chloroform | 71-55-6 | 2,3,4 | U226 | 1000 (454) |
| 3-Methylcholanthrene | 56-49-5 | 4 | U157 | 10 (4.54) |
| 4,4'-Methylenebis(2-chloroaniline) | 101-14-4 | 3,4 | U158 | 10 (4.54) |
| Methylene bromide | 74-95-3 | 4 | U068 | 1000 (454) |
| Methylene chloride | 75-09-2 | 2,3,4 | U080 | 1000 (454) |
| 4,4'-Methylenedianiline | 101-77-9 | 3 | | 10 (4.54) |
| Methylene diphenyl diisocyanate | 101-68-8 | 3 | | 5000 (2270) |
| Methyl ethyl ketone | 78-93-3 | 3,4 | U159 | 5000 (2270) |
| Methyl ethyl ketone peroxide | 1338-23-4 | 4 | U160 | 10 (4.54) |
| Methyl hydrazine | 60-34-4 | 3,4 | P068 | 10 (4.54) |
| Methyl iodide | 74-88-4 | 3,4 | U138 | 100 (45.4) |
| Methyl isobutyl ketone | 108-10-1 | 3,4 | U161 | 5000 (2270) |
| Methyl isocyanate | 624-83-9 | 3,4 | P064 | 10 (4.54) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|----------------|----------------------|
| 2-Methylacetonitrile | 75-86-5 | 1,4 | P069 | 10 (4.54) |
| Methyl mercaptan | 74-93-1 | 1,4 | U153 | 100 (45.4) |
| Methyl methacrylate | 80-62-6 | 1,3,4 | U162 | 1000 (454) |
| Methyl parathion | 298-00-0 | 1,4 | P071 | 100 (45.4) |
| 4-Methyl-2-pentanone | 108-10-1 | 3,4 | U161 | 5000 (2270) |
| Methyl tert-butyl ether | 1634-04-4 | 3 | | 1000 (454) |
| Methylthiourea | 56-04-2 | 4 | U164 | 10 (4.54) |
| Metolcarb | 1129415 | 4 | P190 | 1000 (454) |
| Mevinphos | 7786-34-7 | 1 | | 10 (4.54) |
| Mexacarbate | 315-18-4 | 1,4 | P128 | 1000 (454) |
| Mitomycin C | 50-07-7 | 4 | U010 | 10 (4.54) |
| MNNG | 70-25-7 | 4 | U163 | 10 (4.54) |
| Monoethylamine | 75-04-7 | 1 | | 100 (45.4) |
| Monomethylamine | 74-89-5 | 1 | | 100 (45.4) |
| Naled | 300-76-5 | 1 | | 10 (4.54) |
| 5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy-alpha-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)- | 20830-81-3 | 4 | U059 | 10 (4.54) |
| 1-Naphthalenamine | 134-32-7 | 4 | U167 | 100 (45.4) |
| 2-Naphthalenamine | 91-59-8 | 4 | U168 | 10 (4.54) |
| Naphthalenamine, N,N'-bis(2-chloroethyl)- | 494-03-1 | 4 | U026 | 100 (45.4) |
| Naphthalene | 91-20-3 | 1,2,3,4 | U165 | 100 (45.4) |
| Naphthalene, 2-chloro- | 91-58-7 | 2,4 | U047 | 5000 (2270) |
| 1,4-Naphthalenedione | 130-15-4 | 4 | U166 | 5000 (2270) |
| 2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethyl-(1,1'-biphenyl)-4,4'-diyl)-bis(azo)]bis(5-amino-4-hydroxy)-tetrasodium salt. | 72-57-1 | 4 | U236 | 10 (4.54) |
| 1-Naphthalenol, methylcarbamate | 63-25-2 | 1,3,4 | U279 | 100 (45.4) |
| Naphthenic acid | 1338-24-5 | 1 | | 100 (45.4) |
| 1,4-Naphthoquinone | 130-15-4 | 4 | U166 | 5000 (2270) |
| alpha-Naphthylamine | 134-32-7 | 4 | U167 | 100 (45.4) |
| beta-Naphthylamine | 91-59-8 | 4 | U168 | 10 (4.54) |
| alpha-Naphthylthiourea | 86-88-4 | 4 | P072 | 100 (45.4) |
| Nickel†† | 7440-02-0 | 2 | | 100 (45.4) |
| Nickel ammonium sulfate | 15699-18-0 | 1 | | 100 (45.4) |
| NICKEL AND COMPOUNDS | N.A. | 2,3 | | ** |
| Nickel carbonyl Ni(CO)4, (T-4)- | 13463-39-3 | 4 | P073 | 10 (4.54) |
| Nickel chloride | 7718-54-9 | 1 | | 100 (45.4) |
| | 37211-05-5 | | | |
| Nickel compounds | N.A. | 2,3 | | ** |
| Nickel cyanide Ni(CN)2 | 557-19-7 | 4 | P074 | 10 (4.54) |
| Nickel hydroxide | 12054-48-7 | 1 | | 10 (4.54) |
| Nickel nitrate | 14216-75-2 | 1 | | 100 (45.4) |
| Nickel sulfate | 7786-81-4 | 1 | | 100 (45.4) |
| Nicotine, & salts | 54-11-5 | 4 | P075 | 100 (45.4) |
| Nitric acid | 7697-37-2 | 1 | | 1000 (454) |
| Nitric acid, thallium (1+) salt | 10102-45-1 | 4 | U217 | 100 (45.4) |
| Nitric oxide | 10102-43-9 | 4 | P076 | 10 (4.54) |
| p-Nitroaniline | 100-01-6 | 4 | P077 | 5000 (2270) |
| Nitrobenzene | 98-95-3 | 1,2,3,4 | U169 | 1000 (454) |
| 4-Nitrobiphenyl | 92-93-3 | 3 | | 10 (4.54) |
| Nitrogen dioxide | 10102-44-0 | 1,4 | P078 | 10 (4.54) |
| | 10544-72-6 | | | |
| Nitrogen oxide NO | 10102-43-9 | 4 | P076 | 10 (4.54) |
| Nitrogen oxide NO2 | 10102-44-0 | 1,4 | P078 | 10 (4.54) |
| | 10544-72-6 | | | |
| Nitroglycerine | 55-63-0 | 4 | P081 | 10 (4.54) |
| Nitrophenol (mixed) | 25154-55-6 | 1 | | 100 (45.4) |
| m-Nitrophenol | 554-84-7 | | | |
| o-Nitrophenol | 88-75-5 | 1,2 | | 100 (45.4) |
| p-Nitrophenol | 100-02-7 | 1,2,3,4 | U170 | 100 (45.4) |
| 2-Nitrophenol | 88-75-5 | 1,2 | | 100 (45.4) |
| 4-Nitrophenol | 100-02-7 | 1,2,3,4 | U170 | 100 (45.4) |
| NITROPHENOLS | N.A. | 2 | | ** |
| 2-Nitropropane | 79-46-9 | 3,4 | U171 | 10 (4.54) |
| NITROSAMINES | N.A. | 2 | | ** |
| N-Nitrosodi-n-butylamine | 924-16-3 | 4 | U172 | 10 (4.54) |
| N-Nitrosodiethanolamine | 1116-54-7 | 4 | U173 | 1 (0.454) |
| N-Nitrosodiethylamine | 55-18-5 | 4 | U174 | 1 (0.454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|-------------------------------------------------------------------------------|------------|-----------------|----------------|----------------------|
| N-Nitrosodimethylamine | 62-75-9 | 2,3,4 | P082 | 10 (4.54) |
| N-Nitrosodiphenylamine | 86-30-6 | 2 | | 100 (45.4) |
| N-Nitroso-N-ethylurea | 759-73-9 | 4 | U176 | 1 (0.454) |
| N-Nitroso-N-methylurea | 684-93-5 | 3,4 | U177 | 1 (0.454) |
| N-Nitroso-N-methylurethane | 615-53-2 | 4 | U178 | 1 (0.454) |
| N-Nitrosomethylvinylamine | 4549-40-0 | 4 | P084 | 10 (4.54) |
| N-Nitrosomorpholine | 59-89-2 | 3 | | 1 (0.454) |
| N-Nitrosopiperidine | 100-75-4 | 4 | U179 | 10 (4.54) |
| N-Nitrosopyrrolidine | 930-55-2 | 4 | U180 | 1 (0.454) |
| Nitrotoluene | 1321-12-6 | 1 | | 1000 (454) |
| m-Nitrotoluene | 99-08-1 | | | |
| o-Nitrotoluene | 88-72-2 | | | |
| p-Nitrotoluene | 99-99-0 | | | |
| 5-Nitro-o-toluidine | 99-55-8 | 4 | U181 | 100 (45.4) |
| Octamethylpyrophosphoramide | 152-16-9 | 4 | P085 | 100 (45.4) |
| Osmium oxide OsO ₄ , (T-4)- | 20816-12-0 | 4 | P087 | 1000 (454) |
| Osmium tetroxide | 20816-12-0 | 4 | P087 | 1000 (454) |
| 7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid | 145-73-3 | 4 | P088 | 1000 (454) |
| Oxamyl | 23135220 | 4 | P194 | 100 (45.4) |
| 1,2-Oxathiolane, 2,2-dioxide | 1120-71-4 | 3,4 | U193 | 10 (4.54) |
| 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide. | 50-18-0 | 4 | U058 | 10 (4.54) |
| Oxirane | 75-21-8 | 3,4 | U115 | 10 (4.54) |
| Oxiranecarboxyaldehyde | 765-34-4 | 4 | U126 | 10 (4.54) |
| Oxirane, (chloromethyl)- | 106-89-8 | 1,3,4 | U041 | 100 (45.4) |
| Paraformaldehyde | 30525-89-4 | 1 | | 1000 (454) |
| Paraldehyde | 123-63-7 | 4 | U182 | 1000 (454) |
| Parathion | 56-38-2 | 1,3,4 | P089 | 10 (4.54) |
| PCBs | 1336-36-3 | 1,2,3 | | 1 (0.454) |
| PCNB | 82-68-8 | 3,4 | U185 | 100 (45.4) |
| Pentachlorobenzene | 608-93-5 | 4 | U183 | 10 (4.54) |
| Pentachloroethane | 76-01-7 | 4 | U184 | 10 (4.54) |
| Pentachloronitrobenzene | 82-68-8 | 3,4 | U185 | 100 (45.4) |
| Pentachlorophenol | 87-86-5 | 1,2,3,4 | See F027 | 10 (4.54) |
| 1,3-Pentadiene | 504-60-9 | 4 | U186 | 100 (45.4) |
| Perchloroethylene | 127-18-4 | 2,3,4 | U210 | 100 (45.4) |
| Phenacetin | 62-44-2 | 4 | U187 | 100 (45.4) |
| Phenanthrene | 85-01-8 | 2 | | 5000 (2270) |
| Phenol | 108-95-2 | 1,2,3,4 | U188 | 1000 (454) |
| Phenol, 2-chloro- | 95-57-8 | 2,4 | U048 | 100 (45.4) |
| Phenol, 4-chloro-3-methyl- | 59-50-7 | 2,4 | U039 | 5000 (2270) |
| Phenol, 2-cyclohexyl-4,6-dinitro- | 131-89-5 | 4 | P034 | 100 (45.4) |
| Phenol, 2,4-dichloro- | 120-83-2 | 2,4 | U081 | 100 (45.4) |
| Phenol, 2,6-dichloro- | 87-65-0 | 4 | U082 | 100 (45.4) |
| Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E) | 56-53-1 | 4 | U089 | 1 (0.454) |
| Phenol, 2,4-dimethyl- | 105-67-9 | 2,4 | U101 | 100 (45.4) |
| Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester). | 315-18-4 | 1,4 | P128 | 1000 (454) |
| Phenol, (3,5-dimethyl-4-(methylthio)-, methylcarbamate | 2032-65-7 | 1,4 | P199 | 10 (4.54) |
| Phenol, 2,4-dinitro- | 51-28-5 | 1,2,3,4 | P048 | 10 (4.54) |
| Phenol, methyl- | 1319-77-3 | 1,3,4 | U052 | 100 (45.4) |
| Phenol, 2-methyl-4,6-dinitro-, & salts | 534-52-1 | 2,3,4 | P047 | 10 (4.54) |
| Phenol, 2,2'-methylenebis[3,4,6-trichloro- | 70-30-4 | 4 | U132 | 100 (45.4) |
| Phenol, 2-(1-methylethoxy)-, methylcarbamate | 114-26-1 | 3,4 | U411 | 100 (45.4) |
| Phenol, 3-(1-methylethyl)-, methyl carbamate | 64006 | 4 | P202 | 10 (4.54) |
| Phenol, 3-methyl-5-(1-methylethyl)-, methyl carbamate | 2631370 | 4 | P201 | 1000 (454) |
| Phenol, 2-(1-methylpropyl)-4,6-dinitro- | 88-85-7 | 4 | P020 | 1000 (454) |
| Phenol, 4-nitro- | 100-02-7 | 1,2,3,4 | U170 | 100 (45.4) |
| Phenol, pentachloro- | 87-86-5 | 1,2,3,4 | See F027 | 10 (4.54) |
| Phenol, 2,3,4,6-tetrachloro- | 58-90-2 | 4 | See F027 | 10 (4.54) |
| Phenol, 2,4,5-trichloro- | 95-95-4 | 1,3,4 | See F027 | 10 (4.54) |
| Phenol, 2,4,6-trichloro- | 88-06-2 | 1,2,3,4 | See F027 | 10 (4.54) |
| Phenol, 2,4,6-trinitro-, ammonium salt | 131-74-8 | 4 | P009 | 10 (4.54) |
| L-Phenylalanine, 4-[bis(2-chloroethyl)amino]- | 148-82-3 | 4 | U150 | 1 (0.454) |
| p-Phenylenediamine | 106-50-3 | 3 | | 5000 (2270) |
| Phenylmercury acetate | 62-38-4 | 4 | P092 | 100 (45.4) |
| Phenylthiourea | 103-85-5 | 4 | P093 | 100 (45.4) |
| Phorate | 298-02-2 | 4 | P094 | 10 (4.54) |
| Phosgene | 75-44-5 | 1,3,4 | P095 | 10 (4.54) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|---------------------------------------------------------------------------------|------------|-----------------|----------------|----------------------|
| Phosphine | 7803-51-2 | 3,4 | P096 | 100 (45.4) |
| Phosphoric acid | 7664-38-2 | 1 | | 5000 (2270) |
| Phosphoric acid, diethyl 4-nitrophenyl ester | 311-45-5 | 4 | P041 | 100 (45.4) |
| Phosphoric acid, lead(2+) salt (2:3) | 7446-27-7 | 4 | U145 | 10 (4.54) |
| Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester. | 298-04-4 | 1,4 | P039 | 1 (0.454) |
| Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester. | 298-02-2 | 4 | P094 | 10 (4.54) |
| Phosphorodithioic acid, O,O-diethyl S-methyl ester | 3288-58-2 | 4 | U087 | 5000 (2270) |
| Phosphorodithioic acid, O,O-dimethyl S-[2(methylamino)-2-oxoethyl] ester. | 60-51-5 | 4 | P044 | 10 (4.54) |
| Phosphoro-fluoridic acid, bis(1-methylethyl) ester | 55-91-4 | 4 | P043 | 100 (45.4) |
| Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester | 56-38-2 | 1,3,4 | P089 | 10 (4.54) |
| Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester | 297-97-2 | 4 | P040 | 100 (45.4) |
| Phosphorothioic acid, O-[4-[(dimethylamino)sulfonyl]phenyl] O,O-dimethyl ester. | 52-85-7 | 4 | P097 | 1000 (454) |
| Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl) ester. | 298-00-0 | 1,4 | P071 | 100 (45.4) |
| Phosphorus | 7723-14-0 | 1,3 | | 1 (0.454) |
| Phosphorus oxychloride | 10025-87-3 | 1 | | 1000 (454) |
| Phosphorus pentasulfide | 1314-80-3 | 1,4 | U189 | 100 (45.4) |
| Phosphorus sulfide | 1314-80-3 | 1,4 | U189 | 100 (45.4) |
| Phosphorus trichloride | 7719-12-2 | 1 | | 1000 (454) |
| Physostigmine | 57476 | 4 | P204 | 100 (45.4) |
| Physostigmine salicylate | 57647 | 4 | P188 | 100 (45.4) |
| PHTHALATE ESTERS | N.A. | 2 | | ** |
| Phthalic anhydride | 85-44-9 | 3,4 | U190 | 5000 (2270) |
| 2-Picoline | 109-06-8 | 4 | U191 | 5000 (2270) |
| Piperidine, 1-nitroso- | 100-75-4 | 4 | U179 | 10 (4.54) |
| Plumbane, tetraethyl- | 78-00-2 | 1,4 | P110 | 10 (4.54) |
| POLYCHLORINATED BIPHENYLS | 1336-36-3 | 1,2,3 | | 1 (0.454) |
| Polycyclic Organic Matter* | N.A. | 3 | | ** |
| POLYNUCLEAR AROMATIC HYDROCARBONS | N.A. | 2 | | ** |
| Potassium arsenate | 7784-41-0 | 1 | | 1 (0.454) |
| Potassium arsenite | 10124-50-2 | 1 | | 1 (0.454) |
| Potassium bichromate | 7778-50-9 | 1 | | 10 (4.54) |
| Potassium chromate | 7789-00-6 | 1 | | 10 (4.54) |
| Potassium cyanide K(CN) | 151-50-8 | 1,4 | P098 | 10 (4.54) |
| Potassium hydroxide | 1310-58-3 | 1 | | 1000 (454) |
| Potassium permanganate | 7722-64-7 | 1 | | 100 (45.4) |
| Potassium silver cyanide | 506-61-6 | 4 | P099 | 1 (0.454) |
| Promecarb | 2631370 | 4 | P201 | 1000 (454) |
| Pronamide | 23950-58-5 | 4 | U192 | 5000 (2270) |
| Propanal, 2-methyl-2-(methylsulfonyl)-, O-[(methylamino)carbonyl] oxime. | 1646884 | 4 | P203 | 100 (45.4) |
| Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl]oxime. | 116-06-3 | 4 | P070 | 1 (0.454) |
| 1-Propanamine | 107-10-8 | 4 | U194 | 5000 (2270) |
| 1-Propanamine, N-propyl- | 142-84-7 | 4 | U110 | 5000 (2270) |
| 1-Propanamine, N-nitroso-N-propyl- | 621-64-7 | 2,4 | U111 | 10 (4.54) |
| Propane, 1,2-dibromo-3-chloro- | 96-12-8 | 3,4 | U066 | 1 (0.454) |
| Propane, 1,2-dichloro- | 78-87-5 | 1,2,3,4 | U083 | 1000 (454) |
| Propanedinitrile | 109-77-3 | 4 | U149 | 1000 (454) |
| Propanenitrile | 107-12-0 | 4 | P101 | 10 (4.54) |
| Propanenitrile, 3-chloro- | 542-76-7 | 4 | P027 | 1000 (454) |
| Propanenitrile, 2-hydroxy-2-methyl- | 75-86-5 | 1,4 | P069 | 10 (4.54) |
| Propane, 2-nitro- | 79-46-9 | 3,4 | U171 | 10 (4.54) |
| Propane, 2,2'-oxybis[2-chloro- | 108-60-1 | 2,4 | U027 | 1000 (454) |
| 1,3-Propane sultone | 1120-71-4 | 3,4 | U193 | 10 (4.54) |
| 1,2,3-Propanetriol, trinitrate | 55-63-0 | 4 | P081 | 10 (4.54) |
| Propanoic acid, 2-(2,4,5-trichlorophenoxy)- | 93-72-1 | 1,4 | See F027 | 100 (45.4) |
| 1-Propanol, 2,3-dibromo-, phosphate (3:1) | 126-72-7 | 4 | U235 | 10 (4.54) |
| 1-Propanol, 2-methyl- | 78-83-1 | 4 | U140 | 5000 (2270) |
| 2-Propanone | 67-64-1 | 4 | U002 | 5000 (2270) |
| 2-Propanone, 1-bromo- | 598-31-2 | 4 | P017 | 1000 (454) |
| Propargite | 2312-35-8 | 1 | | 10 (4.54) |
| Propargyl alcohol | 107-19-7 | 4 | P102 | 1000 (454) |
| 2-Propanal | 107-02-8 | 1,2,3,4 | P003 | 1 (0.454) |
| 2-Propanamide | 79-06-1 | 3,4 | U007 | 5000 (2270) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|----------------------------------------------------------------------------------------------------------------|------------|-----------------|----------------|----------------------|
| 1-Propene, 1,3-dichloro- | 542–75–6 | 1,2,3,4 | U084 | 100 (45.4) |
| 1-Propene, 1,1,2,3,3,3-hexachloro- | 1888–71–7 | 4 | U243 | 1000 (454) |
| 2-Propenenitrile | 107–13–1 | 1,2,3,4 | U009 | 100 (45.4) |
| 2-Propenenitrile, 2-methyl- | 126–98–7 | 4 | U152 | 1000 (454) |
| 2-Propenoic acid | 79–10–7 | 3,4 | U008 | 5000 (2270) |
| 2-Propenoic acid, ethyl ester | 140–88–5 | 3,4 | U113 | 1000 (454) |
| 2-Propenoic acid, 2-methyl-, ethyl ester | 97–63–2 | 4 | U118 | 1000 (454) |
| 2-Propenoic acid, 2-methyl-, methyl ester | 80–62–6 | 1,3,4 | U162 | 1000 (454) |
| 2-Propen-1-ol | 107–18–6 | 1,4 | P005 | 100 (45.4) |
| Propham | 122429 | 4 | U373 | 1000 (454) |
| beta-Propiolactone | 57–57–8 | 3 | | 10 (4.54) |
| Propionaldehyde | 123–38–6 | 3 | 1000 (454) | |
| Propionic acid | 79–09–4 | 1 | | 5000 (2270) |
| Propionic anhydride | 123–62–6 | 1 | | 5000 (2270) |
| Propoxur (Baygon) | 114–26–1 | 3,4 | U411 | 100 (45.4) |
| n-Propylamine | 107–10–8 | 4 | U194 | 5000 (2270) |
| Propylene dichloride | 78–87–5 | 1,2,3,4 | U083 | 1000 (454) |
| Propylene oxide | 75–56–9 | 1,3 | | 100 (45.4) |
| 1,2-Propylenimine | 75–55–8 | 3,4 | P067 | 1 (0.454) |
| 2-Propyn-1-ol | 107–19–7 | 4 | P102 | 1000 (454) |
| Prosulfocarb | 52888809 | 4 | U387 | 5000 (2270) |
| Pyrene | 129–00–0 | 2 | | 5000 (2270) |
| Pyrethrins | 121–29–9 | 1 | | 1 (0.454) |
| | 121–21–1 | | | |
| | 8003–34–7 | | | |
| 3,6-Pyridazinedione, 1,2-dihydro- | 123–33–1 | 4 | U148 | 5000 (2270) |
| 4-Pyridinamine | 504–24–5 | 4 | P008 | 1000 (454) |
| Pyridine | 110–86–1 | 4 | U196 | 1000 (454) |
| Pyridine, 2-methyl- | 109–06–8 | 4 | U191 | 5000 (2270) |
| Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-, & salts | 54–11–5 | 4 | P075 | 100 (45.4) |
| 2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]- | 66–75–1 | 4 | U237 | 10 (4.54) |
| 4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo- | 56–04–2 | 4 | U164 | 10 (4.54) |
| Pyrrolidine, 1-nitroso- | 930–55–2 | 4 | U180 | 1 (0.454) |
| Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3aS-cis)- | 57476 | 4 | P204 | 100 (45.4) |
| Quinoline | 91–22–5 | 1,3 | | 5000 (2270) |
| Quinone | 106–51–4 | 3,4 | U197 | 10 (4.54) |
| Quintobenzene | 82–68–8 | 3,4 | U185 | 100 (45.4) |
| Radionuclides (including radon) | N.A. | 3 | | § |
| Reserpine | 50–55–5 | 4 | U200 | 5000 (2270) |
| Resorcinol | 108–46–3 | 1,4 | U201 | 5000 (2270) |
| Saccharin, & salts | 81–07–2 | 4 | U202 | 100 (45.4) |
| Safrole | 94–59–7 | 4 | U203 | 100 (45.4) |
| Selenious acid | 7783–00–8 | 4 | U204 | 10 (4.54) |
| Selenious acid, dithallium (1+) salt | 12039–52–0 | 4 | P114 | 1000 (454) |
| Selenium†† | 7782–49–2 | 2 | | 100 (45.4) |
| SELENIUM AND COMPOUNDS | N.A. | 2,3 | | ** |
| Selenium Compounds | N.A. | 2,3 | | ** |
| Selenium dioxide | 7446–08–4 | 1,4 | U204 | 10 (4.54) |
| Selenium oxide | 7446–08–4 | 1,4 | U204 | 10 (4.54) |
| Selenium sulfide SeS2 | 7488–56–4 | 4 | U205 | 10 (4.54) |
| Selenourea | 630–10–4 | 4 | P103 | 1000 (454) |
| L-Serine, diazoacetate (ester) | 115–02–6 | 4 | U015 | 1 (0.454) |
| Silver †† | 7440–22–4 | 2 | | 1000 (454) |
| SILVER AND COMPOUNDS | N.A. | 2 | | ** |
| Silver cyanide Ag(CN) | 506–64–9 | 4 | P104 | 1 (0.454) |
| Silver nitrate | 7761–88–8 | 1 | | 1 (0.454) |
| Silvex (2,4,5-TP) | 93–72–1 | 1,4 | See F027 | 100 (45.4) |
| Sodium | 7440–23–5 | 1 | | 10 (4.54) |
| Sodium arsenate | 7631–89–2 | 1 | | 1 (0.454) |
| Sodium arsenite | 7784–46–5 | 1 | | 1 (0.454) |
| Sodium azide | 26628–22–8 | 4 | P105 | 1000 (454) |
| Sodium bichromate | 10588–01–9 | 1 | | 10 (4.54) |
| Sodium bifluoride | 1333–83–1 | 1 | | 100 (45.4) |
| Sodium bisulfite | 7631–90–5 | 1 | | 5000 (2270) |
| Sodium chromate | 7775–11–3 | 1 | | 10 (4.54) |
| Sodium cyanide Na(CN) | 143–33–9 | 1,4 | P106 | 10 (4.54) |
| Sodium dodecylbenzenesulfonate | 25155–30–0 | 1 | | 1000 (454) |
| Sodium fluoride | 7681–49–4 | 1 | | 1000 (454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|---------------------------------------------|------------|-----------------|----------------|----------------------|
| Sodium hydrosulfide | 16721-80-5 | 1 | | 5000 (2270) |
| Sodium hydroxide | 1310-73-2 | 1 | | 1000 (454) |
| Sodium hypochlorite | 7681-52-9 | 1 | | 100 (45.4) |
| | 10022-70-5 | | | |
| Sodium methylate | 124-41-4 | 1 | | 1000 (454) |
| Sodium nitrite | 7632-00-0 | 1 | | 100 (45.4) |
| Sodium phosphate, dibasic | 7558-79-4 | 1 | | 5000 (2270) |
| | 10039-32-4 | | | |
| | 10140-65-5 | | | |
| Sodium phosphate, tribasic | 7601-54-9 | 1 | | 5000 (2270) |
| | 7758-29-4 | | | |
| | 7785-84-4 | | | |
| | 10101-89-0 | | | |
| | 10124-56-8 | | | |
| | 10361-89-4 | | | |
| Sodium selenite | 7782-82-3 | 1 | | 100 (45.4) |
| | 10102-18-8 | | | |
| Streptozotocin | 18883-66-4 | 4 | U206 | 1 (0.454) |
| Strontium chromate | 7789-06-2 | 1 | | 10 (4.54) |
| Strychnidin-10-one, & salts | 57-24-9 | 1,4 | P108 | 10 (4.54) |
| Strychnidin-10-one, 2,3-dimethoxy- | 357-57-3 | 4 | P018 | 100 (45.4) |
| Strychnine, & salts | 57-24-9 | 1,4 | P108 | 10 (4.54) |
| Styrene | 100-42-5 | 1,3 | | 1000 (454) |
| Styrene oxide | 96-09-3 | 3 | | 100 (45.4) |
| Sulfuric acid | 7664-93-9 | 1 | | 1000 (454) |
| | 8014-95-7 | | | |
| Sulfuric acid, dimethyl ester | 77-78-1 | 3,4 | U103 | 100 (45.4) |
| Sulfuric acid, dithallium (1+) salt | 7446-18-6 | 1,4 | P115 | 100 (45.4) |
| | 10031-59-1 | | | |
| Sulfur monochloride | 12771-08-3 | 1 | | 1000 (454) |
| Sulfur phosphide | 1314-80-3 | 1,4 | U189 | 100 (45.4) |
| 2,4,5-T | 93-76-5 | 1,4 | See F027 | 1000 (454) |
| 2,4,5-T acid | 93-76-5 | 1,4 | See F027 | 1000 (454) |
| 2,4,5-T amines | 2008-46-0 | 1 | | 5000 (2270) |
| | 1319-72-8 | | | |
| | 3813-14-7 | | | |
| | 6369-96-6 | | | |
| | 6369-97-7 | | | |
| 2,4,5-T esters | 93-79-8 | 1 | | 1000 (454) |
| | 1928-47-8 | | | |
| | 2545-59-7 | | | |
| | 25168-15-4 | | | |
| | 61792-07-2 | | | |
| 2,4,5-T salts | 13560-99-1 | 1 | | 1000 (454) |
| TCDD | 1746-01-6 | 2,3 | | 1 (0.454) |
| TDE | 72-54-8 | 1,2,4 | U060 | 1 (0.454) |
| 1,2,4,5-Tetrachlorobenzene | 95-94-3 | 4 | U207 | 5000 (2270) |
| 2,3,7,8-Tetrachlorodibenzo-p-dioxin | 1746-01-6 | 2,3 | | 1 (0.454) |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 4 | U208 | 100 (45.4) |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2,3,4 | U209 | 100 (45.4) |
| Tetrachloroethylene | 127-18-4 | 2,3,4 | U210 | 100 (45.4) |
| 2,3,4,6-Tetrachlorophenol | 58-90-2 | 4 | See F027 | 10 (4.54) |
| Tetraethyl pyrophosphate | 107-49-3 | 1,4 | P111 | 10 (4.54) |
| Tetraethyl lead | 78-00-2 | 1,4 | P110 | 10 (4.54) |
| Tetraethyldithiopyrophosphate | 3689-24-5 | 4 | P109 | 100 (45.4) |
| Tetrahydrofuran | 109-99-9 | 4 | U213 | 1000 (454) |
| Tetranitromethane | 509-14-8 | 4 | P112 | 10 (4.54) |
| Tetraphosphoric acid, hexaethyl ester | 757-58-4 | 4 | P062 | 100 (45.4) |
| Thallic oxide | 1314-32-5 | 4 | P113 | 100 (45.4) |
| Thallium †† | 7440-28-0 | 2 | | 1000 (454) |
| THALLIUM AND COMPOUNDS | N.A. | 2 | | ** |
| Thallium (I) acetate | 563-68-8 | 4 | U214 | 100 (45.4) |
| Thallium (I) carbonate | 6533-73-9 | 4 | U215 | 100 (45.4) |
| Thallium chloride TlCl | 7791-12-0 | 4 | U216 | 100 (45.4) |
| Thallium (I) nitrate | 10102-45-1 | 4 | U217 | 100 (45.4) |
| Thallium oxide Tl2O3 | 1314-32-5 | 4 | P113 | 100 (45.4) |
| Thallium (I) selenite | 12039-52-0 | 4 | P114 | 1000 (454) |
| Thallium (I) sulfate | 7446-18-6 | 1,4 | P115 | 100 (45.4) |
| | 10031-59-1 | | | |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|--------------------------------------------------------------------------------------------------|------------|-----------------|----------------|----------------------|
| Thioacetamide | 62-55-5 | 4 | U218 | 10 (4.54) |
| Thiodicarb | 59669260 | 4 | U410 | 100 (45.4) |
| Thiodiphosphoric acid, tetraethyl ester | 3689-24-5 | 4 | P109 | 100 (45.4) |
| Thiofanox | 39196-18-4 | 4 | P045 | 100 (45.4) |
| Thioimidodicarbonic diamide [(H ₂ N)C(S)] ₂ NH | 541-53-7 | 4 | P049 | 100 (45.4) |
| Thiomethanol | 74-93-1 | 1,4 | U153 | 100 (45.4) |
| Thioperoxydicarbonic diamide [(H ₂ N)C(S)] ₂ S ₂ , tetramethyl- | 137-26-8 | 4 | U244 | 10 (4.54) |
| Thiophanate-methyl | 23564058 | 4 | U409 | 10 (4.54) |
| Thiophenol | 108-98-5 | 4 | P014 | 100 (45.4) |
| Thiosemicarbazide | 79-19-6 | 4 | P116 | 100 (45.4) |
| Thiourea | 62-56-6 | 4 | U219 | 10 (4.54) |
| Thiourea, (2-chlorophenyl)- | 5344-82-1 | 4 | P026 | 100 (45.4) |
| Thiourea, 1-naphthalenyl- | 86-88-4 | 4 | P072 | 100 (45.4) |
| Thiourea, phenyl- | 103-85-5 | 4 | P093 | 100 (45.4) |
| Thiram | 137-26-8 | 4 | U244 | 10 (4.54) |
| Tirpate | 26419738 | 4 | P185 | 100 (45.4) |
| Titanium tetrachloride | 7550-45-0 | 3 | | 1,2,41000 (454) |
| Toluene | 108-88-3 | 1,2,3,4 | U220 | 1000 (454) |
| Toluenediamine | 95-80-7 | 3,4 | U221 | 10 (4.54) |
| | 496-72-0 | | | |
| | 823-40-5 | | | |
| | 25376-45-8 | | | |
| 2,4-Toluene diamine | 95-80-7 | 3,4 | U221 | 10 (4.54) |
| | 496-72-0 | | | |
| | 823-40-5 | | | |
| | 25376-45-8 | | | |
| Toluene diisocyanate | 91-08-7 | 3,4 | U223 | 100 (45.4) |
| | 584-84-9 | | | |
| | 26471-62-5 | | | |
| 2,4-Toluene diisocyanate | 91-08-7 | 3,4 | U223 | 100 (45.4) |
| | 584-84-9 | | | |
| | 26471-62-5 | | | |
| o-Toluidine | 95-53-4 | 3,4 | U328 | 100 (45.4) |
| p-Toluidine | 106-49-0 | 4 | U353 | 100 (45.4) |
| o-Toluidine hydrochloride | 636-21-5 | 4 | U222 | 100 (45.4) |
| Toxaphene | 8001-35-2 | 1,2,3,4 | P123 | 1 (0.454) |
| 2,4,5-TP acid | 93-72-1 | 1,4 | See F027 | 100 (45.4) |
| 2,4,5-TP esters | 32534-95-5 | 1 | | 100 (45.4) |
| Triallate | 2303175 | 4 | U389 | 100 (45.4) |
| 1H-1,2,4-Triazol-3-amine | 61-82-5 | 4 | U011 | 10 (4.54) |
| Trichlorfon | 52-68-6 | 1 | | 100 (45.4) |
| 1,2,4-Trichlorobenzene | 120-82-1 | 2,3 | | 100 (45.4) |
| 1,1,1-Trichloroethane | 71-55-6 | 2,3,4 | U226 | 1000 (454) |
| 1,1,2-Trichloroethane | 79-00-5 | 2,3,4 | U227 | 100 (45.4) |
| Trichloroethylene | 79-01-6 | 1,2,3,4 | U228 | 100 (45.4) |
| Trichloromethanesulfonyl chloride | 594-42-3 | 4 | P118 | 100 (45.4) |
| Trichloromonofluoromethane | 75-69-4 | 4 | U121 | 5000 (2270) |
| Trichlorophenol | 25167-82-2 | 1 | | 10 (4.54) |
| 2,3,4-Trichlorophenol | 15950-66-0 | | | |
| 2,3,5-Trichlorophenol | 933-78-8 | | | |
| 2,3,6-Trichlorophenol | 933-75-5 | | | |
| 3,4,5-Trichlorophenol | 609-19-8 | | | |
| 2,4,5-Trichlorophenol | 95-95-4 | 1,3,4 | See F027 | 10 (4.54) |
| 2,4,6-Trichlorophenol | 88-06-2 | 1,2,3,4 | See F027 | 10 (4.54) |
| Triethanolamine dodecylbenzenesulfonate | 27323-41-7 | 1 | | 1000 (454) |
| Triethylamine | 121-44-8 | 1,3,4 | U404 | 5000 (2270) |
| Trifluralin | 1582-09-8 | 3 | | 10 (4.54) |
| Trimethylamine | 75-50-3 | 1 | | 100 (45.4) |
| 2,2,4-Trimethylpentane | 540-84-1 | 3 | | 1000 (454) |
| 1,3,5-Trinitrobenzene | 99-35-4 | 4 | U234 | 10 (4.54) |
| 1,3,5-Trioxane, 2,4,6-trimethyl- | 123-63-7 | 4 | U182 | 1000 (454) |
| Tris(2,3-dibromopropyl) phosphate | 126-72-7 | 4 | U235 | 10 (4.54) |
| Trypan blue | 72-57-1 | 4 | U236 | 10 (4.54) |
| Unlisted Hazardous Wastes Characteristic of Corrosivity .. | N.A. | 4 | D002 | 100 (45.4) |
| Unlisted Hazardous Wastes Characteristic of Ignitability ... | N.A. | 4 | D001 | 100 (45.4) |
| Unlisted Hazardous Wastes Characteristic of Reactivity ... | N.A. | 4 | D003 | 100 (45.4) |
| Unlisted Hazardous Wastes Characteristic of Toxicity: Arsenic (D004) | N.A. | 4 | D004 | 1 (0.454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|---------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|----------------|----------------------|
| Barium (D005) | N.A. | 4 | D005 | 1000 (454) |
| Benzene (D018) | N.A. | 1,2,3,4 | D018 | 10 (4.54) |
| Cadmium (D006) | N.A. | 4 | D006 | 10 (4.54) |
| Carbon tetrachloride (D019) | N.A. | 1,2,4 | D019 | 10 (4.54) |
| Chlordane (D020) | N.A. | 1,2,4 | D020 | 1 (0.454) |
| Chlorobenzene (D021) | N.A. | 1,2,4 | D021 | 100 (45.4) |
| Chloroform (D022) | N.A. | 1,2,4 | D022 | 10 (4.54) |
| Chromium (D007) | N.A. | 4 | D007 | 10 (4.54) |
| o-Cresol (D023) | N.A. | 4 | D023 | 100 (45.4) |
| m-Cresol (D024) | N.A. | 4 | D024 | 100 (45.4) |
| p-Cresol (D025) | N.A. | 4 | D025 | 100 (45.4) |
| Cresol (D026) | N.A. | 4 | D026 | 100 (45.4) |
| 2,4-D (D016) | N.A. | 1,4 | D016 | 100 (45.4) |
| 1,4-Dichlorobenzene (D027) | N.A. | 1,2,4 | D027 | 100 (45.4) |
| 1,2-Dichloroethane (D028) | N.A. | 1,2,4 | D028 | 100 (45.4) |
| 1,1-Dichloroethylene (D029) | N.A. | 1,2,4 | D029 | 100 (45.4) |
| 2,4-Dinitrotoluene (D030) | N.A. | 1,2,4 | D030 | 10 (4.54) |
| Endrin (D012) | N.A. | 1,4 | D012 | 1 (0.454) |
| Heptachlor (and epoxide) (D031) | N.A. | 1,2,4 | D031 | 1 (0.454) |
| Hexachlorobenzene (D032) | N.A. | 2,4 | D032 | 10 (4.54) |
| Hexachlorobutadiene (D033) | N.A. | 2,4 | D033 | 1 (0.454) |
| Hexachloroethane (D034) | N.A. | 2,4 | D034 | 100 (45.4) |
| Lead (D008) | N.A. | 4 | D008 | 10 (4.54) |
| Lindane (D013) | N.A. | 1,4 | D013 | 1 (0.454) |
| Mercury (D009) | N.A. | 4 | D009 | 1 (0.454) |
| Methoxychlor (D014) | N.A. | 1,4 | D014 | 1 (0.454) |
| Methyl ethyl ketone (D035) | N.A. | 4 | D035 | 5000 (2270) |
| Nitrobenzene (D036) | N.A. | 1,2,4 | D036 | 1000 (454) |
| Pentachlorophenol (D037) | N.A. | 1,2,4 | D037 | 10 (4.54) |
| Pyridine (D038) | N.A. | 4 | D038 | 1000 (454) |
| Selenium (D010) | N.A. | 4 | D010 | 10 (4.54) |
| Silver (D011) | N.A. | 4 | D011 | 1 (0.454) |
| Tetrachloroethylene (D039) | N.A. | 2,4 | D039 | 100 (45.4) |
| Toxaphene (D015) | N.A. | 1,4 | D015 | 1 (0.454) |
| Trichloroethylene (D040) | N.A. | 1,2,4 | D040 | 100 (45.4) |
| 2,4,5-Trichlorophenol (D041) | N.A. | 1,4 | D041 | 10 (4.54) |
| 2,4,6-Trichlorophenol (D042) | N.A. | 1,2,4 | D042 | 10 (4.54) |
| 2,4,5-TP (D017) | N.A. | 1,4 | D017 | 100 (45.4) |
| Vinyl chloride (D043) | N.A. | 2,3,4 | D043 | 1 (0.454) |
| Uracil mustard | 66-75-1 | 4 | U237 | 10 (4.54) |
| Uranyl acetate | 541-09-3 | 1 | | 100 (45.4) |
| Uranyl nitrate | 10102-06-4 | 1 | | 100 (45.4) |
| | 36478-76-9 | | | |
| Urea, N-ethyl-N-nitroso- | 759-73-9 | 4 | U176 | 1 (0.454) |
| Urea, N-methyl-N-nitroso- | 684-93-5 | 3,4 | U177 | 1 (0.454) |
| Urethane | 51-79-6 | 3,4 | U238 | 100 (45.4) |
| Vanadic acid, ammonium salt | 7803-55-6 | 4 | P119 | 1000 (454) |
| Vanadium oxide V2O5 | 1314-62-1 | 1,4 | P120 | 1000 (454) |
| Vanadium pentoxide | 1314-62-1 | 1,4 | P120 | 1000 (454) |
| Vanadyl sulfate | 27774-13-6 | 1 | | 1000 (454) |
| Vinyl acetate | 108-05-4 | 1,3 | | 5000 (2270) |
| Vinyl acetate monomer | 108-05-4 | 1,3 | | 5000 (2270) |
| Vinylamine, N-methyl-N-nitroso- | 4549-40-0 | 4 | P084 | 10 (4.54) |
| Vinyl bromide | 593-60-2 | 3 | | 100 (45.4) |
| Vinyl chloride | 75-01-4 | 2,3,4 | U043 | 1 (0.454) |
| Vinylidene chloride | 75-35-4 | 1,2,3,4 | U078 | 100 (45.4) |
| Warfarin, & salts | 81-81-2 | 4 | P001, U248 | 100 (45.4) |
| Xylene | 1330-20-7 | 1,3,4 | U239 | 100 (45.4) |
| m-Xylene | 108-38-3 | 3 | | 1000 (454) |
| o-Xylene | 95-47-6 | 3 | | 1000 (454) |
| p-Xylene | 106-42-3 | 3 | | 100 (45.4) |
| Xylene (mixed) | 1330-20-7 | 1,3,4 | U239 | 100 (45.4) |
| Xylenes (isomers and mixture) | 1330-20-7 | 1,3,4 | U239 | 100 (45.4) |
| Xylenol | 1300-71-6 | 1 | | 1000 (454) |
| Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester (3beta,16beta,17alpha, 18beta,20alpha). | 50-55-54 | 4 | U200 | 5000 (2270) |
| Zinc†† | 7440-66-6 | 2 | | 1000 (454) |
| ZINC AND COMPOUNDS | N.A. | 2 | | ** |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|----------------|----------------------|
| Zinc acetate | 557-34-6 | 1 | | 1000 (454) |
| Zinc ammonium chloride | 52628-25-8 | 1 | | 1000 (454) |
| | 14639-97-5 | | | |
| | 14639-98-6 | | | |
| Zinc, bis(dimethylcarbomodithioato-S,S')- | 137304 | 4 | P205 | 10 (4.54) |
| Zinc borate | 1332-07-6 | 1 | | 1000 (454) |
| Zinc bromide | 7699-45-8 | 1 | | 1000 (454) |
| Zinc carbonate | 3486-35-9 | 1 | | 1000 (454) |
| Zinc chloride | 7646-85-7 | 1 | | 1000 (454) |
| Zinc cyanide Zn(CN)2 | 557-21-1 | 1,4 | P121 | 10 (4.54) |
| Zinc fluoride | 7783-49-5 | 1 | | 1000 (454) |
| Zinc formate | 557-41-5 | 1 | | 1000 (454) |
| Zinc hydrosulfite | 7779-86-4 | 1 | | 1000 (454) |
| Zinc nitrate | 7779-88-6 | 1 | | 1000 (454) |
| Zinc phenolsulfonate | 127-82-2 | 1 | | 5000 (2270) |
| Zinc phosphide Zn3P2 | 1314-84-7 | 1,4 | P122, U249 | 100 (45.4) |
| Zinc silicofluoride | 16871-71-9 | 1 | | 5000 (2270) |
| Zinc sulfate | 7733-02-0 | 1 | | 1000 (454) |
| Ziram | 137304 | 4 | P205 | 10 (4.54) |
| Zirconium nitrate | 13746-89-9 | 1 | | 5000 (2270) |
| Zirconium potassium fluoride | 16923-95-8 | 1 | | 1000 (454) |
| Zirconium sulfate | 14644-61-2 | 1 | | 5000 (2270) |
| Zirconium tetrachloride | 10026-11-6 | 1 | | 5000 (2270) |
| F001 | | 4 | F001 | 10 (4.54) |
| The following spent halogenated solvents used in degreasing; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the halogenated solvents listed below or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. | | | | |
| (a) Tetrachloroethylene | 127-18-4 | 2,3,4 | U210 | 100 (45.4) |
| (b) Trichloroethylene | 79-01-6 | 1,2,3,4 | U228 | 100 (45.4) |
| (c) Methylene chloride | 75-09-2 | 2,3,4 | U080 | 1000 (454) |
| (d) 1,1,1-Trichloroethane | 71-55-6 | 2,3,4 | U226 | 1000 (454) |
| (e) Carbon tetrachloride | 56-23-5 | 1,2,3,4 | U211 | 10 (4.54) |
| (f) Chlorinated fluorocarbons | N.A. | | | 5000 (2270) |
| F002 | | 4 | F002 | 10 (4.54) |
| The following spent halogenated solvents; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the halogenated solvents listed below or those solvents listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. | | | | |
| (a) Tetrachloroethylene | 127-18-4 | 2,3,4 | U210 | 100 (45.4) |
| (b) Methylene chloride | 75-09-2 | 2,3,4 | U080 | 1000 (454) |
| (c) Trichloroethylene | 79-01-6 | 1,2,3,4 | U228 | 100 (45.4) |
| (d) 1,1,1-Trichloroethane | 71-55-6 | 2,3,4 | U226 | 1000 (454) |
| (e) Chlorobenzene | 108-90-7 | 1,2,3,4 | U037 | 100 (45.4) |
| (f) 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1 | | | 5000 (2270) |
| (g) o-Dichlorobenzene | 95-50-1 | 1,2,4 | U070 | 100 (45.4) |
| (h) Trichlorofluoromethane | 75-69-4 | 4 | U121 | 5000 (2270) |
| (i) 1,1,2-Trichloroethane | 79-00-5 | 2,3,4 | U227 | 100 (45.4) |
| F003 | | 4 | F003 | 100 (45.4) |
| The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents. | | | | |
| (a) Xylene | 1330-20-7 | | | 1000 (454) |
| (b) Acetone | 67-64-1 | | | 5000 (2270) |
| (c) Ethyl acetate | 141-78-6 | | | 5000 (2270) |
| (d) Ethylbenzene | 100-41-4 | | | 1000 (454) |
| (e) Ethyl ether | 60-29-7 | | | 100 (45.4) |
| (f) Methyl isobutyl ketone | 108-10-1 | | | 5000 (2270) |
| (g) n-Butyl alcohol | 71-36-3 | | | 5000 (2270) |
| (h) Cyclohexanone | 108-94-1 | | | 5000 (2270) |
| (i) Methanol | 67-56-1 | | | 5000 (2270) |
| F004 | | 4 | F004 | 100 (45.4) |
| The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents: | | | | |
| (a) Cresols/Cresylic acid | 1319-77-3 | 1,3,4 | U052 | 100 (45.4) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------|----------------|----------------------|
| (b) Nitrobenzene | 98-95-3 | 1,2,3,4 | U169 | 1000 (454) |
| F005 | | 4 | F005 | 100 (45.4) |
| The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents: | | | | |
| (a) Toluene | 108-88-3 | 1,2,3,4 | U220 | 1000 (454) |
| (b) Methyl ethyl ketone | 78-93-3 | 3,4 | U159 | 5000 (2270) |
| (c) Carbon disulfide | 75-15-0 | 1,3,4 | P022 | 100 (45.4) |
| (d) Isobutanol | 78-83-1 | 4 | U140 | 5000 (2270) |
| (e) Pyridine | 110-86-1 | 4 | U196 | 1000 (454) |
| F006 | | 4 | F006 | 10 (4.54) |
| Wastewater treatment sludges from electroplating operations except from the following processes: (1) sulfuric acid anodizing of aluminum, (2) tin plating on carbon steel, (3) zinc plating (segregated basis) on carbon steel, (4) aluminum or zinc-aluminum plating on carbon steel, (5) cleaning/stripping associated with tin, zinc and aluminum plating on carbon steel, and (6) chemical etching and milling of aluminum. | | | | |
| F007 | | 4 | F007 | 10 (4.54) |
| Spent cyanide plating bath solutions from electroplating operations. | | | | |
| F008 | | 4 | F008 | 10 (4.54) |
| Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process. | | | | |
| F009 | | 4 | F009 | 10 (4.54) |
| Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process. | | | | |
| F010 | | 4 | F010 | 10 (4.54) |
| Quenching bath residues from oil baths from metal heat treating operations where cyanides are used in the process. | | | | |
| F011 | | 4 | F011 | 10 (4.54) |
| Spent cyanide solutions from salt bath pot cleaning from metal heat treating operations. | | | | |
| F012 | | 4 | F012 | 10 (4.54) |
| Quenching wastewater treatment sludges from metal heat treating operations where cyanides are used in the process. | | | | |
| F019 | | 4 | F019 | 10 (4.54) |
| Wastewater treatment sludges from the chemical conversion coating of aluminum except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process. Wastewater treatment sludges from the manufacturing of motor vehicles using a zinc phosphating process will not be subject to this listing at the point of generation if the wastes are not placed outside on the land prior to shipment to a landfill for disposal and are either: disposed in a Subtitle D municipal or industrial landfill unit that is equipped with a single clay liner and is permitted, licensed or otherwise authorized by the state; or disposed in a landfill unit subject to, or otherwise meeting, the landfill requirements in § 258.40, § 264.301 or § 265.301. For the purposes of this listing, motor vehicle manufacturing is defined in § 261.31(b)(4)(i) and § 261.31(b)(4)(ii) describes the recordkeeping requirements for motor vehicle manufacturing facilities | | | | |
| F020 | | 4 | F020 | 1 (0.454) |
| Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- or tetrachlorophenol or of intermediates used to produce their pesticide derivatives. (This listing does not include wastes from the production of hexachlorophene from highly purified 2,4,5-trichlorophenol.) | | | | |
| F021 | | 4 | F021 | 1 (0.454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------|----------------|----------------------|
| Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of pentachlorophenol or of intermediates used to produce its derivatives. | | | | |
| F022 | | 4 | F022 | 1 (0.454) |
| Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzenes under alkaline conditions. | | | | |
| F023 | | 4 | F023 | 1 (0.454) |
| Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or a component in a formulating process) of tri- and tetrachlorophenols. (This listing does not include wastes from equipment used only for the production or use of hexachlorophene from highly purified 2,4,5-trichlorophenol.) | | | | |
| F024 | | 4 | F024 | 1 (0.454) |
| Process wastes, including but not limited to, distillation residues, heavy ends, tars, and reactor clean-out wastes, from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. (This listing does not include wastewaters, wastewater treatment sludges, spent catalysts, and wastes listed in 40 CFR 261.31 or 261.32.) | | | | |
| F025 | | 4 | F025 | 1 (0.454) |
| Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. | | | | |
| F026 | | 4 | F026 | 1 (0.454) |
| Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzene under alkaline conditions. | | | | |
| F027 | | 4 | F027 | 1 (0.454) |
| Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing hexachlorophene synthesized from prepurified 2,4,5- trichlorophenol as the sole component.) | | | | |
| F028 | | 4 | F028 | 1 (0.454) |
| Residues resulting from the incineration or thermal treatment of soil contaminated with EPA Hazardous Waste Nos. F020, F021, F022, F023, F026, and F027. | | | | |
| F032 | | 4 | F032 | 1 (0.454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------|----------------|----------------------|
| Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that currently use or have previously used chlorophenolic formulations (except potentially cross-contaminated wastes that have had the F032 waste code deleted in accordance with §261.35 of this chapter or potentially cross-contaminated wastes that are otherwise currently regulated as hazardous wastes (i.e., F034 or F035), and where the generator does not resume or initiate use of chlorophenolic formulations). This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol. | | | | |
| F034 | | 4 | F034 | 1 (0.454) |
| Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use creosote formulations. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol. | | | | |
| F035 | | 4 | F035 | 1 (0.454) |
| Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use inorganic preservatives containing arsenic or chromium. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol. | | | | |
| F037 | | 4 | F037 | 1 (0.454) |
| Petroleum refinery primary oil/water/solids separation sludge-Any sludge generated from the gravitational separation of oil/water/solids during the storage or treatment of process wastewaters and oily cooling wastewaters from petroleum refineries. Such sludges include, but are not limited to those generated in oil/water/solids separators; tanks and impoundments; ditches and other conveyances; sumps; and stormwater units receiving dry weather flow. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges generated in aggressive biological treatment units as defined in §261.31(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units) and K051 wastes are not included in this listing. This listing does include residuals generated from processing or recycling oil-bearing hazardous secondary materials excluded under §261.4(a)(12)(i), if those residuals are to be disposed of. | | | | |
| F038 | | 4 | F038 | 1 (0.454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------|----------------|----------------------|
| Petroleum refinery secondary (emulsified) oil/water/solids separation sludge-Any sludge and/or float generated from the physical and/or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in: induced air flotation (IAF) units, tanks and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges and floats generated in aggressive biological treatment units as defined in §261.31(b)(2) (including sludges and floats generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units) and F037, K048, and K051 wastes are not included in this listing. | | | | |
| F039 | | 4 | F039 | 1 (0.454) |
| Leachate (liquids that have percolated through land disposed wastes) resulting from the disposal of more than one restricted waste classified as hazardous under subpart D of 40 CFR part 261. (Leachate resulting from the disposal of one or more of the following EPA Hazardous Wastes and no other hazardous wastes retains its EPA Hazardous Waste Number(s): F020, F021, F022, F026, F027, and/or F028.) | | | | |
| K001 | | 4 | K001 | 1 (0.454) |
| Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol. | | | | |
| K002 | | 4 | K002 | 10 (4.54) |
| Wastewater treatment sludge from the production of chrome yellow and orange pigments. | | | | |
| K003 | | 4 | K003 | 10 (4.54) |
| Wastewater treatment sludge from the production of molybdate orange pigments. | | | | |
| K004 | | 4 | K004 | 10 (4.54) |
| Wastewater treatment sludge from the production of zinc yellow pigments. | | | | |
| K005 | | 4 | K005 | 10 (4.54) |
| Wastewater treatment sludge from the production of chrome green pigments. | | | | |
| K006 | | 4 | K006 | 10 (4.54) |
| Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated). | | | | |
| K007 | | 4 | K007 | 10 (4.54) |
| Wastewater treatment sludge from the production of iron blue pigments. | | | | |
| K008 | | 4 | K008 | 10 (4.54) |
| Oven residue from the production of chrome oxide green pigments. | | | | |
| K009 | | 4 | K009 | 10 (4.54) |
| Distillation bottoms from the production of acetaldehyde from ethylene. | | | | |
| K010 | | 4 | K010 | 10 (4.54) |
| Distillation side cuts from the production of acetaldehyde from ethylene. | | | | |
| K011 | | 4 | K011 | 10 (4.54) |
| Bottom stream from the wastewater stripper in the production of acrylonitrile. | | | | |
| K013 | | 4 | K013 | 10 (4.54) |
| Bottom stream from the acetonitrile column in the production of acrylonitrile. | | | | |
| K014 | | 4 | K014 | 5000 (2270) |
| Bottoms from the acetonitrile purification column in the production of acrylonitrile. | | | | |
| K015 | | 4 | K015 | 10 (4.54) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|---------------------------------------------------------------------------------------------------------------------|-------|-----------------|----------------|----------------------|
| Still bottoms from the distillation of benzyl chloride. | | | | |
| K016 Heavy ends or distillation residues from the production of carbon tetrachloride. | | 4 | K016 | 1 (0.454) |
| K017 Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin. | | 4 | K017 | 10 (4.54) |
| K018 Heavy ends from the fractionation column in ethyl chloride production. | | 4 | K018 | 1 (0.454) |
| K019 Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production. | | 4 | K019 | 1 (0.454) |
| K020 Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production. | | 4 | K020 | 1 (0.454) |
| K021 Aqueous spent antimony catalyst waste from fluoromethanes production. | | 4 | K021 | 10 (4.54) |
| K022 Distillation bottom tars from the production of phenol/acetone from cumene. | | 4 | K022 | 1 (0.454) |
| K023 Distillation light ends from the production of phthalic anhydride from naphthalene. | | 4 | K023 | 5000 (2270) |
| K024 Distillation bottoms from the production of phthalic anhydride from naphthalene. | | 4 | K024 | 5000 (2270) |
| K025 Distillation bottoms from the production of nitrobenzene by the nitration of benzene. | | 4 | K025 | 10 (4.54) |
| K026 Stripping still tails from the production of methyl ethyl pyridines. | | 4 | K026 | 1000 (454) |
| K027 Centrifuge and distillation residues from toluene diisocyanate production. | | 4 | K027 | 10 (4.54) |
| K028 Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane. | | 4 | K028 | 1 (0.454) |
| K029 Waste from the product steam stripper in the production of 1,1,1-trichloroethane. | | 4 | K029 | 1 (0.454) |
| K030 Column bottoms or heavy ends from the combined production of trichloroethylene and perchloroethylene. | | 4 | K030 | 1 (0.454) |
| K031 By-product salts generated in the production of MSMA and cacodylic acid. | | 4 | K031 | 1 (0.454) |
| K032 Wastewater treatment sludge from the production of chlordane. | | 4 | K032 | 10 (4.54) |
| K033 Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane. | | 4 | K033 | 10 (4.54) |
| K034 Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane. | | 4 | K034 | 10 (4.54) |
| K035 Wastewater treatment sludges generated in the production of creosote. | | 4 | K035 | 1 (0.454) |
| K036 Still bottoms from toluene reclamation distillation in the production of disulfoton. | | 4 | K036 | 1 (0.454) |
| K037 Wastewater treatment sludges from the production of disulfoton. | | 4 | K037 | 1 (0.454) |
| K038 | | 4 | K038 | 10 (4.54) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|---------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------|----------------|----------------------|
| Wastewater from the washing and stripping of phorate production. | | | | |
| K039 | | 4 | K039 | 10 (4.54) |
| Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate. | | | | |
| K040 | | 4 | K040 | 10 (4.54) |
| Wastewater treatment sludge from the production of phorate. | | | | |
| K041 | | 4 | K041 | 1 (0.454) |
| Wastewater treatment sludge from the production of toxaphene. | | | | |
| K042 | | 4 | K042 | 10 (4.54) |
| Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T. | | | | |
| K043 | | 4 | K043 | 10 (4.54) |
| 2,6-Dichlorophenol waste from the production of 2,4-D. | | | | |
| K044 | | 4 | K044 | 10 (4.54) |
| Wastewater treatment sludges from the manufacturing and processing of explosives. | | | | |
| K045 | | 4 | K045 | 10 (4.54) |
| Spent carbon from the treatment of wastewater containing explosives. | | | | |
| K046 | | 4 | K046 | 10 (4.54) |
| Wastewater treatment sludges from the manufacturing, formulation and loading of lead-based initiating compounds. | | | | |
| K047 | | 4 | K047 | 10 (4.54) |
| Pink/red water from TNT operations. | | | | |
| K048 | | 4 | K048 | 10 (4.54) |
| Dissolved air flotation (DAF) float from the petroleum refining industry. | | | | |
| K049 | | 4 | K049 | 10 (4.54) |
| Slop oil emulsion solids from the petroleum refining industry. | | | | |
| K050 | | 4 | K050 | 10 (4.54) |
| Heat exchanger bundle cleaning sludge from the petroleum refining industry. | | | | |
| K051 | | 4 | K051 | 10 (4.54) |
| API separator sludge from the petroleum refining industry. | | | | |
| K052 | | 4 | K052 | 10 (4.54) |
| Tank bottoms (leaded) from the petroleum refining industry. | | | | |
| K060 | | 4 | K060 | 1 (0.454) |
| Ammonia still lime sludge from coking operations. | | | | |
| K061 | | 4 | K061 | 10 (4.54) |
| Emission control dust/sludge from the primary production of steel in electric furnaces. | | | | |
| K062 | | 4 | K062 | 10 (4.54) |
| Spent pickle liquor generated by steel finishing operations of facilities within the iron and steel industry (SIC Codes 331 and 332). | | | | |
| K064 | | 4 | K064 | 10 (4.54) |
| Acid plant blowdown slurry/sludge resulting from the thickening of blowdown slurry from primary copper production. | | | | |
| K065 | | 4 | K065 | 10 (4.54) |
| Surface impoundment solids contained in and dredged from surface impoundments at primary lead smelting facilities. | | | | |
| K066 | | 4 | K066 | 10 (4.54) |
| Sludge from treatment of process wastewater and/or acid plant blowdown from primary zinc production. | | | | |
| K069 | | 4 | K069 | 10 (4.54) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------|----------------|----------------------|
| Emission control dust/sludge from secondary lead smelting. (Note: This listing is stayed administratively for sludge generated from secondary acid scrubber systems. The stay will remain in effect until further administrative action is taken. If EPA takes further action effecting the stay, EPA will publish a notice of the action in the FEDERAL REGISTER.) | | | | |
| K071 | | 4 | K071 | 1 (0.454) |
| Brine purification muds from the mercury cell process in chlorine production, where separately prepurified brine is not used. | | | | |
| K073 | | 4 | K073 | 10 (4.54) |
| Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using graphite anodes in chlorine production. | | | | |
| K083 | | 4 | K083 | 100 (45.4) |
| Distillation bottoms from aniline production. | | | | |
| K084 | | 4 | K084 | 1 (0.454) |
| Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds. | | | | |
| K085 | | 4 | K085 | 10 (4.54) |
| Distillation or fractionation column bottoms from the production of chlorobenzenes. | | | | |
| K086 | | 4 | K086 | 10 (4.54) |
| Solvent washes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tubs and equipment used in the formulation of ink from pigments, driers, soaps, and stabilizers containing chromium and lead. | | | | |
| K087 | | 4 | K087 | 100 (45.4) |
| Decanter tank tar sludge from coking operations. | | | | |
| K088 | | 4 | K088 | 10 (4.54) |
| Spent potliners from primary aluminum reduction. | | | | |
| K090 | | 4 | K090 | 10 (4.54) |
| Emission control dust or sludge from ferrochromium-silicon production. | | | | |
| K091 | | 4 | K091 | 10 (4.54) |
| Emission control dust or sludge from ferrochromium production. | | | | |
| K093 | | 4 | K093 | 5000 (2270) |
| Distillation light ends from the production of phthalic anhydride from ortho-xylene. | | | | |
| K094 | | 4 | K094 | 5000 (2270) |
| Distillation bottoms from the production of phthalic anhydride from ortho-xylene. | | | | |
| K095 | | 4 | K095 | 100 (45.4) |
| Distillation bottoms from the production of 1,1,1-trichloroethane. | | | | |
| K096 | | 4 | K096 | 100 (45.4) |
| Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane. | | | | |
| K097 | | 4 | K097 | 1 (0.454) |
| Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane. | | | | |
| K098 | | 4 | K098 | 1 (0.454) |
| Untreated process wastewater from the production of toxaphene. | | | | |
| K099 | | 4 | K099 | 10 (4.54) |
| Untreated wastewater from the production of 2,4-D. | | | | |
| K100 | | 4 | K100 | 10 (4.54) |
| Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting. | | | | |
| K101 | | 4 | K101 | 1 (0.454) |
| Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds. | | | | |
| K102 | | 4 | K102 | 1 (0.454) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------|----------------|----------------------|
| Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds. | | | | |
| K103 | | 4 | K103 | 100 (45.4) |
| Process residues from aniline extraction from the production of aniline. | | | | |
| K104 | | 4 | K104 | 10 (4.54) |
| Combined wastewater streams generated from nitrobenzene/aniline production. | | | | |
| K105 | | 4 | K105 | 10 (4.54) |
| Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes. | | | | |
| K106 | | 4 | K106 | 1 (0.454) |
| Wastewater treatment sludge from the mercury cell process in chlorine production. | | | | |
| K107 | | 4 | K107 | 10 (4.54) |
| Column bottoms from product separation from the production of 1,1- dimethylhydrazine (UDMH) from carboxylic acid hydrazines. | | | | |
| K108 | | 4 | K108 | 10 (4.54) |
| Condensed column overheads from product separation and condensed reactor vent gases from the production of 1,1- dimethylhydrazine (UDMH) from carboxylic acid hydrazides. | | | | |
| K109 | | 4 | K109 | 10 (4.54) |
| Spent filter cartridges from product purification from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides. | | | | |
| K110 | | 4 | K110 | 10 (4.54) |
| Condensed column overheads from intermediate separation from the production of 1,1- dimethylhydrazine (UDMH) from carboxylic acid hydrazides. | | | | |
| K111 | | 4 | K111 | 10 (4.54) |
| Product washwaters from the production of dinitrotoluene via nitration of toluene. | | | | |
| K112 | | 4 | K112 | 10 (4.54) |
| Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene. | | | | |
| K113 | | 4 | K113 | 10 (4.54) |
| Condensed liquid light ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene. | | | | |
| K114 | | 4 | K114 | 10 (4.54) |
| Vicinals from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene. | | | | |
| K115 | | 4 | K115 | 10 (4.54) |
| Heavy ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene. | | | | |
| K116 | | 4 | K116 | 10 (4.54) |
| Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine. | | | | |
| K117 | | 4 | K117 | 1 (0.454) |
| Wastewater from the reactor vent gas scrubber in the production of ethylene dibromide via bromination of ethene. | | | | |
| K118 | | 4 | K118 | 1 (0.454) |
| Spent adsorbent solids from purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene. | | | | |
| K123 | | 4 | K123 | 10 (4.54) |
| Process wastewater (including supernates, filtrates, and washwaters) from the production of ethylenebisdithiocarbamic acid and its salts. | | | | |
| K124 | | 4 | K124 | 10 (4.54) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------|----------------|----------------------|
| Reactor vent scrubber water from the production of ethylenedisithiocarbamic acid and its salts. K125 | | 4 | K125 | 10 (4.54) |
| Filtration, evaporation, and centrifugation solids from the production of ethylenedisithiocarbamic acid and its salts. K126 | | 4 | K126 | 10 (4.54) |
| Baghouse dust and floor sweepings in milling and packaging operations from the production or formulation of ethylenedisithiocarbamic acid and its salts. K131 | | 4 | K131 | 100 (45.4) |
| Wastewater from the reactor and spent sulfuric acid from the acid dryer from the production of methyl bromide. K132 | | 4 | K132 | 1000 (454) |
| Spent absorbent and wastewater separator solids from the production of methyl bromide. K136 | | 4 | K136 | 1 (0.454) |
| Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene. K141 | | 4 | K141 | 1 (0.454) |
| Process residues from the recovery of coal tar, including, but not limited to, collecting sump residues from the production of coke from coal or the recovery of coke by-products produced from coal. This listing does not include K087 (decanter tank tar sludges from coking operations). K142 | | 4 | K142 | 1 (0.454) |
| Tar storage tank residues from the production of coke from coal or from the recovery of coke by-products produced from coal. K143 | | 4 | K143 | 1 (0.454) |
| Process residues from the recovery of light oil, including, but not limited to, those generated in stills, decanters, and wash oil recovery units from the recovery of coke by-products produced from coal. K144 | | 4 | K144 | 1 (0.454) |
| Wastewater sump residues from light oil refining, including, but not limited to, intercepting or contamination sump sludges from the recovery of coke by-products produced from coal. K145 | | 4 | K145 | 1 (0.454) |
| Residues from naphthalene collection and recovery operations from the recovery of coke by-products produced from coal. K147 | | 4 | K147 | 1 (0.454) |
| Tar storage tank residues from coal tar refining. K148 | | 4 | K148 | 1 (0.454) |
| Residues from coal tar distillation, including, but not limited to, still bottoms. K149 | | 4 | K149 | 10 (4.54) |
| Distillation bottoms from the production of alpha-(or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. [This waste does not include still bottoms from the distillation of benzyl chloride.] K150 | | 4 | K150 | 10 (4.54) |
| Organic residuals, excluding spent carbon adsorbent, from the spent chlorine gas and hydrochloric acid recovery processes associated with the production of alpha- (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. K151 | | 4 | K151 | 10 (4.54) |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------|----------------|----------------------|
| Wastewater treatment sludges, excluding neutralization and biological sludges, generated during the treatment of waste-waters from the production of alpha- (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. | | | | |
| K156 Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and decantates) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate.) | | 4 | K156 | 10 (4.54) |
| K157 Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate.) | | 4 | K157 | 10 (4.54) |
| K158 Bag house dusts and filter/separation solids from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate.) | | 4 | K158 | 10 (4.54) |
| K159 Organics from the treatment of thiocarbamate wastes. | | 4 | K159 | 10 (4.54) |
| K161 Purification solids (including filtration, evaporation, and centrifugation solids), bag-house dust and floor sweepings from the production of dithiocarbamate acids and their salts. (This listing does not include K125 or K126). | | 4 | K161 | 1 (0.454) |
| K169 ¹ Crude oil storage tank sediment from petroleum refining operations. | | 4 | K169 | 10 (4.54) |
| K170 ¹ Clarified slurry oil tank sediment and/or in-line filter/separation solids from petroleum refining operations. | | 4 | K170 | 1 (0.454) |
| K171 ¹ Spent hydrotreating catalyst from petroleum refining operations. (This listing does not include inert support media.) | | 4 | K171 | 1 (0.454) |
| K172 ¹ Spent hydrorefining catalyst from petroleum refining operations. (This listing does not include inert support media.) | | 4 | K172 | 1 (0.454) |
| K174 ¹ | | 4 | K174 | 1 (0.454) |
| K175 ¹ | | 4 | K175 | 1 (0.454) |
| K176 Baghouse filters from the production of antimony oxide, including filters from the production of intermediates (e.g., antimony metal or crude antimony oxide) | | 4 | K176 | 1 (0.454) |
| K177 Slag from the production of antimony oxide that is speculatively accumulated or disposed, including slag from the production of intermediates (e.g., antimony metal or crude antimony oxide) | | 4 | K177 | 5,000 (2270) |
| K178 Residues from manufacturing and manufacturing-site storage of ferric chloride from acids formed during the production of titanium dioxide using the chloride-ilmenite process. | | 4 | K178 | 1000 (454) |
| K181 | | 4 | K181 | ## |

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

[Note: All Comments/Notes Are Located at the End of This Table]

| Hazardous substance | CASRN | Statutory code† | RCRA waste No. | Final RQ pounds (Kg) |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------|----------------|----------------------|
| Nonwastewaters from the production of dyes and/or pigments (including nonwastewaters commingled at the point of generation with nonwastewaters from other processes) that, at the point of generation, contain mass loadings of any of the constituents identified in paragraph (c) of section 261.32 that are equal to or greater than the corresponding paragraph (c) levels, as determined on a calendar year basis | | | | |

† Indicates the statutory source defined by 1, 2, 3, and 4, as described in the note preceding Table 302.4.
 ‡ Indicates the statutory source defined by 1,2,3, and 4, as described in the note preceding Table 302.4.
 †† No reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is larger than 100 micrometers (0.004 inches).
 ††† The RQ for asbestos is limited to friable forms only.
 ## The Agency may adjust the statutory RQ for this hazardous substance in a future rulemaking; until then the statutory one-pound RQ applies.
 § The adjusted RQs for radionuclides may be found in Appendix B to this table.
 ** Indicates that no RQ is being assigned to the generic or broad class.
 a Benzene was already a CERCLA hazardous substance prior to the CAA Amendments of 1990 and received an adjusted 10-pound RQ based on potential carcinogenicity in an August 14, 1989, final rule (54 FR 33418). The CAA Amendments specify that "benzene (including benzene from gasoline)" is a hazardous air pollutant and, thus, a CERCLA hazardous substance.
 b The CAA Amendments of 1990 list DDE (3547-04-4) as a CAA hazardous air pollutant. The CAS number, 3547-04-4, is for the chemical, p,p'-dichlorodiphenylethane. DDE or p,p'-dichlorodiphenyldichloroethylene, CAS number 72-55-9, is already listed in Table 302.4 with a final RQ of 1 pound. The substance identified by the CAS number 3547-04-4 has been evaluated and listed as DDE to be consistent with the CAA section 112 listing, as amended.
 c Includes mineral fiber emissions from facilities manufacturing or processing glass, rock, or slag fibers (or other mineral derived fibers) of average diameter 1 micrometer or less.
 d Includes mono- and di-ethers of ethylene glycol, diethylene glycol, and triethylene glycol R-(OCH2CH2)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.
 e Includes organic compounds with more than one benzene ring, and which have a boiling point greater than or equal to 100 °C.
 f See 40 CFR 302.6(b)(1) for application of the mixture rule to this hazardous waste.

APPENDIX A TO § 302.4—SEQUENTIAL CAS REGISTRY NUMBER LIST OF CERCLA HAZARDOUS SUBSTANCES

| CASRN | Hazardous substance |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 50000 | Formaldehyde. |
| 50077 | Azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione,6-amino-8-[[[(aminocarbonyloxy)methyl]-1,1a,2,8,8a, 8b-hexahydro-8a-methoxy-5-methyl-, [1aS-(1aalpha, 8beta,8aalpna,8balpna)]-Mitomycin C. |
| 50180 | Cyclophosphamide. 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide. |
| 50293 | Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro-. DDT. 4,4'-DDT. |
| 50328 | Benzo[a]pyrene. 3,4-Benzopyrene. |
| 50555 | Reserpine. Yohimban-16-carboxylic acid,11,17-dimethoxy-18-[(3 ,4,5-trimethoxybenzoyl)oxy]-, methyl ester (3beta, 16beta,17alpha,18beta,20alpha)- |
| 51285 | Phenol, 2,4-dinitro-. 2,4-Dinitrophenol. |
| 51434 | Epinephrine. 1,2-Benzenediol,4-[1-hydroxy-2-(methylamino)ethyl]-. |
| 51796 | Carbamic acid, ethyl ester. Ethyl carbamate. Urethane. |

APPENDIX A TO § 302.4—SEQUENTIAL CAS REGISTRY NUMBER LIST OF CERCLA HAZARDOUS SUBSTANCES—Continued

| CASRN | Hazardous substance |
|-------|------------------------------------------------------------------------------------------|
| 52686 | Trichlorfon. |
| 52857 | Famphur. Phosphorothioic acid, O-[4-[(dimethylamino)sulfonyl]phenyl] O,O-dimethyl ester. |
| 53703 | Dibenz[a,h]anthracene. Dibenzo[a,h]anthracene. 1,2:5,6-Dibenzanthracene. |
| 53963 | Acetamide, N-9H-fluoren-2-yl-. 2-Acetylaminofluorene. |
| 54115 | Nicotine, & salts. Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-, & salts. |
| 55185 | Ethanamine, N-ethyl-N-nitroso-. N-Nitrosodiethylamine. |
| 55630 | Nitroglycerine. 1,2,3-Propanetriol, trinitrate. |
| 55914 | Diisopropylfluorophosphate (DFP). Phosphorofluoridic acid, bis(1-methylethyl) ester. |
| 56042 | Methylthiouracil. 4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-. |
| 56235 | Carbon tetrachloride. Methane, tetrachloro-. |
| 56382 | Parathion. Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester. |
| 56495 | Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-3-Methylcholanthrene. |

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APPENDIX A TO § 302.4—SEQUENTIAL CAS
REGISTRY NUMBER LIST OF CERCLA HAZ-
ARDOUS SUBSTANCES—Continued

APPENDIX A TO § 302.4—SEQUENTIAL CAS
REGISTRY NUMBER LIST OF CERCLA HAZ-
ARDOUS SUBSTANCES—Continued

| CASRN | Hazardous substance |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 56531 | Diethylstilbestrol. |
| 56553 | Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E). Benzo[a]anthracene. |
| 56724 | Benzo[a]anthracene. 1,2-Benzanthracene. |
| 57147 | Coumaphos. Hydrazine, 1,1-dimethyl-. |
| 57249 | 1,1-Dimethylhydrazine. Strychnidin-10-one, & salts. Strychnine, & salts. |
| 57476 | Physostigmine. Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a- hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3aS-cis)-. |
| 57578 | beta-Propiolactone. |
| 57647 | Benzoic acid, 2-hydroxy-, compd. with (3aS-cis)- 1,2,3,3a,8,8a-hexahydro-1,3a,8- trimethylpyrrolo[2,3-b]indol-5-yl methylcarbamate ester (1:1). Physostigmine salicylate. |
| 57749 | Chlordane. Chlordane, alpha & gamma isomers. CHLORDANE (TECHNICAL MIXTURE AND METABOLITES). 4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8- octachloro-2,3,3a,4,7,7a-hexahydro-. |
| 57976 | Benzo[a]anthracene, 7,12-dimethyl-. 7,12-Dimethylbenzo[a]anthracene. |
| 58899 | γ-BHC. Cyclohexane, 1,2,3,4,5,6-hexachloro- (1α,2α,3β,4α,5α,6β)-. |
| 58902 | Lindane. Lindane (all isomers). Phenol, 2,3,4,6-tetrachloro-. |
| 59507 | 2,3,4,6-Tetrachlorophenol. p-Chloro-m-cresol. Phenol, 4-chloro-3-methyl-. |
| 59892 | N-Nitrosomorpholine. |
| 60004 | Ethylenediamine-tetraacetic acid (EDTA). |
| 60117 | Benzenamine, N,N-dimethyl-4-(phenylazo)-. Dimethyl aminoazobenzene. p-Dimethylaminoazobenzene. |
| 60297 | Ethane, 1,1'-oxybis-. Ethyl ether. |
| 60344 | Hydrazine, methyl-. Methyl hydrazine. |
| 60355 | Acetamide. |
| 60515 | Dimethoate. Phosphorodithioic acid, O,O-dimethyl S-[2(methylamino)-2-oxoethyl] ester. |
| 60571 | Dieldrin. 2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2, 2a,3,6,6a,7,7a- octahydro-, (1aalpha,2beta,2alpha,3beta,6beta, 6aalpha,7beta, 7aalpha)-. |
| 61825 | Amitrole. 1H-1,2,4-Triazol-3-amine. |
| 62384 | Mercury, (acetato-O)phenyl-. Phenylmercury acetate. |
| 62442 | Acetamide, N-(4-ethoxyphenyl)-. Phenacetin. |
| 62500 | Ethyl methanesulfonate. Methanesulfonic acid, ethyl ester. |
| 62533 | Aniline. Benzenamine. |
| 62555 | Ethanethioamide. Thioacetamide. |
| 62566 | Thiourea. |
| 62737 | Dichlorvos. |

| CASRN | Hazardous substance |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 62748 | Acetic acid, fluoro-, sodium salt. Fluoroacetic acid, sodium salt. |
| 62759 | Methanamine, N-methyl-N-nitroso-. N-Nitrosodimethylamine. |
| 63252 | Carbaryl. 1-Naphthalenol, methylcarbamate. |
| 64006 | m-Cumenyl methylcarbamate. 3-Isopropylphenyl N-methylcarbamate. Phenol, 3-(1-methylethyl)-, methyl carbamate. |
| 64006 | Phenol, 3-(1-methylethyl)-, methyl carbamate (m-Cumenyl methylcarbamate). |
| 64186 | Formic acid. |
| 64197 | Acetic acid. |
| 64675 | Diethyl sulfate. |
| 65850 | Benzoic acid. |
| 66751 | Uracil mustard. 2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2- chloroethyl) amino]-. |
| 67561 | Methanol. Methyl alcohol. |
| 67641 | Acetone. 2-Propanone. |
| 67663 | Chloroform. Methane, trichloro-. |
| 67721 | Ethane, hexachloro-. Hexachloroethane. |
| 68122 | Dimethylformamide. |
| 70257 | Guanidine, N-methyl-N'-nitro-N-nitroso-. MNNG. |
| 70304 | Hexachlorophene. Phenol, 2,2'-methylenebis[3,4,6-tri-chloro-. |
| 71363 | n-Butyl alcohol. 1-Butanol. |
| 71432 | Benzene. |
| 71556 | Ethane, 1,1,1-trichloro-. Methyl chloroform. 1,1,1-Trichloroethane. |
| 72208 | Endrin. Endrin, & metabolites. 2,7:3,6-Dimethanonaphth[2,3- b]oxirene,3,4,5,6,9,9-hexachloro- 1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha,2beta,2alpha,3alpha, 6alpha,6beta,7beta,7aalpha)-, & metabolites. |
| 72435 | Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4- methoxy-. Methoxychlor. |
| 72548 | Benzene, 1,1'-(2,2-dichloroethylidene)bis[4- chloro-. DDD. TDE. 4,4'-DDD. |
| 72559 | DDE 4,4'-DDE. |
| 72571 | Trypan blue. 2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-di- methyl-(1,1'-biphenyl)-4,4'-diyl)-bis(azo)]bis(5- amino-4-hydroxy)-tetrasodium salt. |
| 74839 | Bromomethane. Methane, bromo-. Methyl bromide. |
| 74873 | Chloromethane. Methane, chloro-. Methyl chloride. |
| 74884 | Iodomethane Methane, iodo-. Methyl iodide. |
| 74895 | Monomethylamine. |
| 74908 | Hydrocyanic acid. Hydrogen cyanide. |

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APPENDIX A TO § 302.4—SEQUENTIAL CAS
REGISTRY NUMBER LIST OF CERCLA HAZ-
ARDOUS SUBSTANCES—Continued

APPENDIX A TO § 302.4—SEQUENTIAL CAS
REGISTRY NUMBER LIST OF CERCLA HAZ-
ARDOUS SUBSTANCES—Continued

| CASRN | Hazardous substance |
|-------|--------------------------------------------------------------------------------------------------------------|
| 74931 | Methanethiol. Methyl mercaptan. Thiomethanol. |
| 74953 | Methane, dibromo-. |
| 75003 | Methylene bromide. Chloroethane. |
| 75014 | Ethyl chloride. Ethene, chloro-. |
| 75047 | Vinyl chloride. |
| 75058 | Monoethylamine. |
| 75070 | Acetonitrile. Acetaldehyde. Ethanal. |
| 75092 | Dichloromethane. Methane, dichloro-. |
| 75150 | Methylene chloride. |
| 75207 | Carbon disulfide. |
| 75218 | Calcium carbide. Ethylene oxide. |
| 75252 | Oxirane. Bromoform. Methane, tribromo-. |
| 75274 | Dichlorobromomethane. |
| 75343 | Ethane, 1,1-dichloro-. |
| 75354 | Ethylidene dichloride. 1,1-Dichloroethane. Ethene, 1,1-dichloro-. |
| 75365 | Vinylidene chloride. 1,1-Dichloroethylene. |
| 75445 | Acetyl chloride. Carbonic dichloride. Phosgene. |
| 75503 | Trimethylamine. |
| 75558 | Aziridine, 2-methyl-. |
| 75569 | 2-Methyl aziridine. 1,2-Propylenimine. |
| 75605 | Propylene oxide. Arsinic acid, dimethyl-. |
| 75649 | Cacodylic acid. tert-Butylamine. |
| 75694 | Methane, trichlorofluoro-. |
| 75718 | Trichloromonofluoromethane. Dichlorodifluoromethane. |
| 75865 | Methane, dichlorodifluoro-. |
| 75876 | Acetone cyanohydrin. Propanenitrile, 2-hydroxy-2-methyl-. |
| 75990 | 2-Methyl lactonitrile. Acetaldehyde, trichloro-. |
| 76017 | Chloral. 2,2-Dichloropropionic acid. |
| 76448 | Ethane, pentachloro-. |
| 77474 | Pentachloroethane. Heptachlor. 4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-. |
| 77781 | Hexachlorocyclopentadiene. 1,3-Cyclopentadiene, 1,2,3,4,5,5-hexa- chloro-. |
| 78002 | Dimethyl sulfate. Sulfuric acid, dimethyl ester. |
| 78591 | Plumbane, tetraethyl-. |
| 78795 | Tetraethyl lead. Isophorone. |
| 78819 | Isoprene. |
| 78831 | iso-Butylamine. Isobutyl alcohol. |
| 78875 | 1-Propanol, 2-methyl-. |
| 78886 | Propane, 1,2-dichloro-. |
| | Propylene dichloride. 1,2-Dichloropropane. 2,3-Dichloropropene. |

| CASRN | Hazardous substance |
|-------|-------------------------------------------------------------------------------------------|
| 78933 | 2-Butanone. MEK. Methyl ethyl ketone. |
| 78999 | 1,1-Dichloropropane. |
| 79005 | Ethane, 1,1,2-trichloro-. |
| 79016 | 1,1,2-Trichloroethane. Ethene, trichloro-. |
| 79061 | Trichloroethylene. Acrylamide. |
| 79094 | 2-Propenamide. |
| 79107 | Propionic acid. Acrylic acid. |
| 79118 | 2-Propenoic acid. Chloroacetic acid. |
| 79196 | Hydrazinecarbothioamide. Thiosemicarbazide. |
| 79221 | Carbonochloridic acid, methyl ester. Methyl chlorocarbonate. |
| 79312 | iso-Butyric acid. |
| 79345 | Ethane, 1,1,2,2-tetrachloro-. |
| 79447 | 1,1,2,2-Tetrachloroethane. Carbamic chloride, dimethyl-. |
| 79469 | Dimethylcarbamoyl chloride. Propane, 2-nitro-. |
| 80159 | 2-Nitropropane. alpha,alpha-Dimethylbenzylhydroperoxide. |
| 80626 | Hydroperoxide, 1-methyl-1-phenylethyl-. |
| 81072 | Methyl methacrylate. 2-Propenoic acid, 2-methyl-, methyl ester. |
| 81812 | Saccharin, & salts. 1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide, & salts. |
| 82688 | Warfarin, & salts. 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts. |
| 83329 | Benzene, pentachloronitro-. |
| 84662 | PCNB. Pentachloronitrobenzene. Quintobenzene. |
| 84742 | Acenaphthene. Diethyl phthalate. 1,2-Benzenedicarboxylic acid, diethyl ester. |
| 85007 | Di-n-butyl phthalate. Dibutyl phthalate. n-Butyl phthalate. |
| 85018 | 1,2-Benzenedicarboxylic acid, dibutyl ester. Diquat. |
| 85449 | Phenanthrene. Phthalic anhydride. 1,3-Isobenzofurandione. |
| 85687 | Butyl benzyl phthalate. |
| 86306 | N-Nitrosodiphenylamine. |
| 86500 | Guthion. |
| 86737 | Fluorene. |
| 86884 | alpha-Naphthylthiourea. Thiourea, 1-naphthalenyl-. |
| 87650 | Phenol, 2,6-dichloro-. |
| 87683 | 2,6-Dichlorophenol. Hexachlorobutadiene. |
| 87865 | 1,3-Butadiene, 1,1,2,3,4,4-hexachloro-. |
| 88062 | Pentachlorophenol. Phenol, pentachloro-. |
| 88722 | Phenol, 2,4,6-trichloro-. |
| 88755 | 2,4,6-Trichlorophenol. o-Nitrotoluene. |
| 88857 | o-Nitrophenol. 2-Nitrophenol. Dinoseb. |
| 90040 | Phenol, 2-(1-methylpropyl)-4,6-dinitro-. |
| | o-Anisidine. |

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APPENDIX A TO § 302.4—SEQUENTIAL CAS
REGISTRY NUMBER LIST OF CERCLA HAZ-
ARDOUS SUBSTANCES—Continued

APPENDIX A TO § 302.4—SEQUENTIAL CAS
REGISTRY NUMBER LIST OF CERCLA HAZ-
ARDOUS SUBSTANCES—Continued

| CASRN | Hazardous substance |
|-------|---------------------------------------------------------------------------------------------------------|
| 91087 | Benzene, 1,3-diisocyanatomethyl- Toluene diisocyanate. 2,4-Toluene diisocyanate. |
| 91203 | Naphthalene. |
| 91225 | Quinoline. |
| 91587 | beta-Chloronaphthalene. Naphthalene, 2-chloro- 2-Chloronaphthalene. |
| 91598 | beta-Naphthylamine. 2-Naphthalenamine. |
| 91667 | N,N-Diethylaniline. |
| 91805 | Methapyrilene. 1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl- N'-(2-thienylmethyl)-. |
| 91941 | [1,1'-Biphenyl]-4,4'-diamine,3,3'-dichloro- 3,3'-Dichlorobenzidine. |
| 92524 | Biphenyl. |
| 92671 | 4-Aminobiphenyl. |
| 92875 | Benzidine. [1,1'-Biphenyl]-4,4'-diamine. |
| 92933 | 4-Nitrobiphenyl. Propanoic acid, 2-(2,4,5-trichlorophenoxy)- Silvex (2,4,5-TP). 2,4,5-TP acid. |
| 93765 | Acetic acid, (2,4,5-trichlorophenoxy)-. |
| 93721 | 2,4,5-T. 2,4,5-T acid. |
| 93798 | 2,4,5-T esters. |
| 94111 | 2,4-D Ester. |
| 94586 | Dihydrosafrole. 1,3-Benzodioxole, 5-propyl- Safrole. |
| 94597 | 1,3-Benzodioxole, 5-(2-propenyl)-. |
| 94791 | 2,4-D Ester. |
| 94804 | 2,4-D Ester. |
| 95476 | o-Xylene. |
| 95487 | o-Cresol. |
| 95501 | Benzene, 1,2-dichloro- o-Dichlorobenzene. 1,2-Dichlorobenzene. |
| 95534 | Benzenamine, 2-methyl- o-Toluidine. |
| 95578 | o-Chlorophenol. Phenol, 2-chloro- 2-Chlorophenol. |
| 95807 | Benzenediamine, ar-methyl- Toluenediamine. 2,4-Toluene diamine. |
| 95943 | Benzene, 1,2,4,5-tetrachloro- 1,2,4,5-Tetrachlorobenzene. |
| 95954 | Phenol, 2,4,5-trichloro- 2,4,5-Trichlorophenol. |
| 96093 | Styrene oxide. |
| 96128 | Propane, 1,2-dibromo-3-chloro- 1,2-Dibromo-3-chloropropane. |
| 96457 | Ethylenethiourea. 2-Imidazolidinethione. |
| 97632 | Ethyl methacrylate. 2-Propenoic acid, 2-methyl-, ethyl ester. |
| 98011 | Furfural. 2-Furancarboxaldehyde. |
| 98077 | Benzene, (trichloromethyl)- Benzotrichloride. |
| 98099 | Benzenesulfonic acid chloride. Benzenesulfonyl chloride. |
| 98828 | Benzene, (1-methylethyl)- Cumene. |
| 98862 | Acetophenone. Ethanone, 1-phenyl-. |
| 98873 | Benzal chloride. |

| CASRN | Hazardous substance |
|--------|----------------------------------------------------------------------------------|
| | Benzene, (dichloromethyl)-. |
| 98884 | Benzoyl chloride. |
| 98953 | Benzene, nitro- Nitrobenzene. |
| 99081 | m-Nitrotoluene. |
| 99354 | Benzene, 1,3,5-trinitro- 1,3,5-Trinitrobenzene. |
| 99558 | Benzenamine, 2-methyl-5-nitro- 5-Nitro-o-toluidine. |
| 99650 | m-Dinitrobenzene. |
| 99990 | p-Nitrotoluene. |
| 100016 | Benzenamine, 4-nitro- p-Nitroaniline. |
| 100027 | p-Nitrophenol. Phenol, 4-nitro- 4-Nitrophenol. |
| 100254 | p-Dinitrobenzene. |
| 100414 | Ethylbenzene. |
| 100425 | Styrene. |
| 100447 | Benzene, (chloromethyl)- Benzyl chloride. |
| 100470 | Benzonitrile. |
| 100754 | N-Nitrosopiperidine. Piperidine, 1-nitroso-. |
| 101144 | Benzenamine, 4,4'-methylenebis[2-chloro- 4,4'-Methylenebis(2-chloroaniline)]. |
| 101279 | Barban. Carbamic acid, (3-chlorophenyl)-, 4-chloro-2- butynyl ester. |
| 101553 | Benzene, 1-bromo-4-phenoxy- 4-Bromophenyl phenyl ether. |
| 101688 | MDI. Methylene diphenyl diisocyanate. 4,4'-Methylenedianiline. |
| 101779 | Phenylthiourea. |
| 103855 | Thiourea, phenyl- sec-Butyl acetate. |
| 105464 | Phenol, 2,4-dimethyl- 2,4-Dimethylphenol. |
| 105679 | p-Xylene. p-Cresol. |
| 106423 | Benzene, 1,4-dichloro- p-Dichlorobenzene. |
| 106445 | 1,4-Dichlorobenzene. |
| 106467 | Benzenamine, 4-chloro- p-Chloroaniline. |
| 106478 | Benzenamine, 4-methyl- p-Toluidine. |
| 106490 | p-Phenylenediamine. p-Benzoquinone. |
| 106503 | 2,5-Cyclohexadiene-1,4-dione. Quinone. |
| 106514 | 1,2-Epoxybutane. 1-Chloro-2,3-epoxypropane. Epichlorohydrin. |
| 106887 | Oxirane, (chloromethyl)- Dibromoethane. |
| 106898 | Ethane, 1,2-dibromo- Ethylene dibromide. |
| 106934 | 1,3-Butadiene. |
| 106990 | Acrolein. |
| 107028 | 2-Propenal. |
| 107051 | Allyl chloride. |
| 107062 | Ethane, 1,2-dichloro- Ethylene dichloride. 1,2-Dichloroethane. |
| 107108 | n-Propylamine. 1-Propanamine. |
| 107120 | Ethyl cyanide. Propanenitrile. |

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APPENDIX A TO § 302.4—SEQUENTIAL CAS
REGISTRY NUMBER LIST OF CERCLA HAZ-
ARDOUS SUBSTANCES—Continued

| CASRN | Hazardous substance |
|--------|-----------------------------------------------------------|
| 107131 | Acrylonitrile. |
| | 2-Propenenitrile. |
| 107153 | Ethylenediamine. |
| 107186 | Allyl alcohol. |
| | 2-Propen-1-ol. |
| 107197 | Propargyl alcohol. |
| | 2-Propyn-1-ol. |
| 107200 | Acetaldehyde, chloro-. |
| | Chloroacetaldehyde. |
| 107211 | Ethylene glycol. |
| 107302 | Chloromethyl methyl ether. |
| | Methane, chloromethoxy-. |
| 107493 | Diphosphoric acid, tetraethyl ester. |
| | Tetraethyl pyrophosphate. |
| 107926 | Butyric acid. |
| 108054 | Vinyl acetate. |
| | Vinyl acetate monomer. |
| 108101 | Hexone. |
| | Methyl isobutyl ketone. |
| | 4-Methyl-2-pentanone. |
| 108247 | Acetic anhydride. |
| 108316 | Maleic anhydride. |
| | 2,5-Furandione. |
| 108383 | m-Xylene. |
| 108394 | m-Cresol. |
| 108463 | Resorcinol. |
| | 1,3-Benzenediol. |
| 108601 | Dichloroisopropyl ether. |
| | Propane, 2,2"-oxybis[2-chloro-. |
| 108883 | Benzene, methyl-. |
| | Toluene. |
| 108907 | Benzene, chloro-. |
| | Chlorobenzene. |
| 108941 | Cyclohexanone. |
| 108952 | Phenol. |
| 108985 | Benzenethiol. |
| | Thiophenol. |
| 109068 | Pyridine, 2-methyl-. |
| | 2-Picoline. |
| 109739 | Butylamine. |
| 109773 | Malononitrile. |
| | Propanedinitrile. |
| 109897 | Diethylamine. |
| 109999 | Furan, tetrahydro-. |
| | Tetrahydrofuran. |
| 110009 | Furan. |
| | Furfuran. |
| 110167 | Maleic acid. |
| 110178 | Fumaric acid. |
| 110190 | iso-Butyl acetate. |
| 110543 | Hexane. |
| 110758 | Ethene, (2-chloroethoxy)-. |
| | 2-Chloroethyl vinyl ether. |
| 110805 | Ethanol, 2-ethoxy-. |
| | Ethylene glycol monoethyl ether. |
| 110827 | Benzene, hexahydro-. |
| | Cyclohexane. |
| 110861 | Pyridine. |
| 111422 | Diethanolamine. |
| 111444 | Bis(2-chloroethyl) ether. |
| | Dichloroethyl ether. |
| | Ethane, 1,1'-oxybis[2-chloro-. |
| 111546 | Carbamodithioic acid, 1,2-ethanediylbis-, salts & esters. |
| | Ethylenebisdithiocarbamic acid, salts & esters. |
| 111911 | Bis(2-chloroethoxy) methane. |
| | Dichloromethoxyethane. |
| | Ethane, 1,1'-[methylenebis(oxy)]bis(2-chloro-. |
| 114261 | Phenol, 2-(1-methylethoxy)-, methylcarbamate. |
| | Propoxur (Baygon). |

APPENDIX A TO § 302.4—SEQUENTIAL CAS
REGISTRY NUMBER LIST OF CERCLA HAZ-
ARDOUS SUBSTANCES—Continued

| CASRN | Hazardous substance |
|--------|---------------------------------------------------------------------------------------------------------|
| 115026 | Azaserine. |
| | L-Serine, diazoacetate (ester). |
| 115297 | Endosulfan. |
| | 6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a- hexahydro-, 3-oxide. |
| 115322 | Dicofol. |
| 116063 | Aldicarb. |
| | Propanal, 2-methyl-2-(methylthio)-, O- [(methylamino)carbonyl]oxime. |
| 117806 | Dichlone. |
| 117817 | 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester. |
| | Bis(2-ethylhexyl)phthalate. |
| | DEHP. |
| | Diethylhexyl phthalate. |
| 117840 | Di-n-octyl phthalate. |
| | 1,2-Benzenedicarboxylic acid, dioctyl ester. |
| 118741 | Benzene, hexachloro-. |
| | Hexachlorobenzene. |
| 119380 | Carbamic acid, dimethyl-, 3-methyl-1-(1-methylethyl)-1H-pyrazol-5-yl ester. |
| | Isolan. |
| 119904 | [1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethoxy-. |
| | 3,3'-Dimethoxybenzidine. |
| 119937 | [1,1'-Biphenyl]-4,4'-diamine,3,3'- dimethyl-. |
| | 3,3'-Dimethylbenzidine. |
| 120127 | Anthracene. |
| 120581 | Isosafrole. |
| | 1,3-Benzodioxole, 5-(1-propenyl)-. |
| 120809 | Catechol. |
| 120821 | 1,2,4-Trichlorobenzene. |
| 120832 | Phenol, 2,4-dichloro-. |
| | 2,4-Dichlorophenol. |
| 121142 | Benzene, 1-methyl-2,4-dinitro-. |
| | 2,4-Dinitrotoluene. |
| 121211 | Pyrethrins. |
| 121299 | Pyrethrins. |
| 121448 | Ethanamine, N,N-diethyl-. |
| | Triethylamine. |
| 121697 | N,N-Dimethylaniline. |
| 121755 | Malathion. |
| 122098 | alpha, alpha-Dimethylphenethylamine. |
| | Benzeneethanamine, alpha, alpha-dimethyl-. |
| 122429 | Carbamic acid, phenyl-, 1-methylethyl ester. |
| | Propham. |
| 122667 | Hydrazine, 1,2-diphenyl-. |
| | 1,2-Diphenylhydrazine. |
| 123319 | Hydroquinone. |
| 123331 | Maleic hydrazide. |
| | 3,6-Pyridazinedione, 1,2-dihydro-. |
| 123386 | Propionaldehyde. |
| 123626 | Propionic anhydride. |
| 123637 | Paraldehyde. |
| | 1,3,5-Trioxane, 2,4,6-trimethyl-. |
| 123739 | Crotonaldehyde. |
| | 2-Butenal. |
| 123864 | Butyl acetate. |
| 123911 | 1,4-Diethyleneoxide. |
| | 1,4-Dioxane. |
| 123922 | iso-Amyl acetate. |
| 124049 | Adipic acid. |
| 124403 | Dimethylamine. |
| | Methanamine, N-methyl-. |
| 124414 | Sodium methylate. |
| 124481 | Chlorodibromomethane. |
| 126727 | Tris(2,3-dibromopropyl) phosphate. |
| | 1-Propanol, 2,3-dibromo-, phosphate (3:1). |
| 126987 | Methacrylonitrile. |
| | 2-Propenenitrile, 2-methyl-. |

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APPENDIX A TO § 302.4—SEQUENTIAL CAS REGISTRY NUMBER LIST OF CERCLA HAZARDOUS SUBSTANCES—Continued

APPENDIX A TO § 302.4—SEQUENTIAL CAS REGISTRY NUMBER LIST OF CERCLA HAZARDOUS SUBSTANCES—Continued

| CASRN | Hazardous substance |
|--------|---------------------------------------------------------------------------------------------------------|
| 126998 | Chloroprene. |
| 127184 | Ethene, tetrachloro-Perchloroethylene. Tetrachloroethylene. |
| 127822 | Zinc phenolsulfonate. |
| 129000 | Pyrene. |
| 130154 | 1,4-Naphthalenedione. 1,4-Naphthoquinone. |
| 131113 | Dimethyl phthalate. |
| 131748 | 1,2-Benzenedicarboxylic acid, dimethyl ester. Ammonium picrate. Phenol, 2,4,6-trinitro-, ammonium salt. |
| 131895 | Phenol, 2-cyclohexyl-4,6-dinitro-. 2-Cyclohexyl-4,6-dinitrophenol. |
| 132649 | Dibenzofuran. |
| 133062 | Captan. |
| 133904 | Chloramben. |
| 134327 | alpha-Naphthylamine. 1-Naphthalenamine. |
| 137268 | Thioperoxydicarbonic diamide ((H2N)C(S))2S2, tetramethyl-. Thiram. |
| 137304 | Zinc, bis(dimethylcarbomodithioato-S,S')-. Ziram. |
| 140885 | Ethyl acrylate. 2-Propenoic acid, ethyl ester. |
| 141786 | Acetic acid, ethyl ester. Ethyl acetate. |
| 142289 | 1,3-Dichloropropane. |
| 142712 | Cupric acetate. |
| 142847 | Dipropylamine. 1-Propanamine, N-propyl-. Sodium cyanide Na(CN). Kepone. |
| 143339 | 1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5a,5b,6-decachlorooctahydro-. |
| 145733 | Endothall. 7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid. |
| 148823 | L-Phenylalanine, 4-[bis(2-chloroethyl)amino]-. Melphalan. |
| 151508 | Potassium cyanide K(CN). |
| 151564 | Aziridine. Ethylenimine. |
| 152169 | Diphosphoramidate, octamethyl-. Octamethylpyrophosphoramidate. |
| 156605 | Ethene, 1,2-dichloro- (E). 1,2-Dichloroethylene. |
| 156627 | Calcium cyanamide. |
| 189559 | Benzo[rs]pentaphene. Dibenzo[a,i]pyrene. |
| 191242 | Benzo[ghi]perylene. |
| 193395 | Indeno(1,2,3-cd)pyrene. |
| 205992 | Benzo[b]fluoranthene. |
| 206440 | Fluoranthene. |
| 207089 | Benzo[k]fluoranthene. |
| 208968 | Acenaphthylene. |
| 218019 | Chrysene. |
| 225514 | Benz[c]acridine. |
| 297972 | O,O-Diethyl O-pyrazinyl phosphorothioate. Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester. |
| 298000 | Methyl parathion. Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl) ester. |
| 298022 | Phorate. Phosphorodithioic acid, O,O-diethyl S-[[ethylthio] methyl] ester. |

| CASRN | Hazardous substance |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 298044 | Disulfoton. Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester. |
| 300765 | Naled. |
| 301042 | Acetic acid, lead(2+) salt. Lead acetate. |
| 302012 | Hydrazine. |
| 303344 | Lasiocarpine. 2-Butenoic acid, 2-methyl-, 7-[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy]methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester, [1S-[1alpha(Z),7(2S*,3R*),7aalpha]]-. 305033 Benzenebutanamic acid, 4-[bis(2-chloroethyl)amino]-. Chlorambucil. |
| 309002 | Aldrin. 1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4beta,5alpha,8alpha,8beta)-. |
| 311455 | Diethyl-p-nitrophenyl phosphate. Phosphoric acid, diethyl 4-nitrophenyl ester. |
| 315184 | Mexacarbate. Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester). 319846 alpha—BHC. 319857 beta—BHC. 319868 delta—BHC. 329715 2,5-Dinitrophenol. 330541 Diuron. 333415 Diazinon. 334883 Diazomethane. 353504 Carbon oxyfluoride. Carbonic difluoride. 357573 Brucine. 460195 Strychnidin-10-one, 2,3-dimethoxy-. Cyanogen. Ethaneditrile. 463581 Carbonyl sulfide. 465736 Isodrin. 1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4beta,5beta,8beta,8beta)-. 492808 Auramine. Benzenamine, 4,4'-carbonimidoylbis[N,N-dimethyl-]. 494031 Chlornaphazine. Naphthalenamine, N,N'-bis(2-chloroethyl)-. 496720 Benzenediamine, ar-methyl-. Toluenediamine. 2,4-Toluene diamine. 504245 4-Aminopyridine. 4-Pyridinamine. 504609 1-Methylbutadiene. 1,3-Pentadiene. 506616 Argentate(1-), bis(cyano-C)-, potassium. Potassium silver cyanide. 506649 Silver cyanide Ag(CN). 506683 Cyanogen bromide (CN)Br. 506774 Cyanogen chloride (CN)Cl. 506876 Ammonium carbonate. 506967 Acetyl bromide. 509148 Methane, tetranitro-. Tetranitromethane. 510156 Benzenoacetic acid, 4-chloro- α - (4-chlorophenyl)- α -hydroxy-, ethyl ester. Chlorobenzilate. 513495 sec-Butylamine. |

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APPENDIX A TO § 302.4—SEQUENTIAL CAS
REGISTRY NUMBER LIST OF CERCLA HAZ-
ARDOUS SUBSTANCES—Continued

APPENDIX A TO § 302.4—SEQUENTIAL CAS
REGISTRY NUMBER LIST OF CERCLA HAZ-
ARDOUS SUBSTANCES—Continued

| CASRN | Hazardous substance |
|--------|------------------------------------------------|
| 528290 | o-Dinitrobenzene. |
| 532274 | 2-Chloroacetophenone. |
| 534521 | 4,6-Dinitro-o-cresol, and salts. |
| | Phenol, 2-methyl-4,6-dinitro-, & salts. |
| 540738 | Hydrazine, 1,2-dimethyl-. |
| | 1,2-Dimethylhydrazine. |
| 540841 | 2,2,4-Trimethylpentane. |
| 540885 | tert-Butyl acetate. |
| 541093 | Uranyl acetate. |
| 541537 | Dithiobiuret. |
| | Thioimidodicarbonic diamide [(H2N)C(S)]2NH. |
| 541731 | Benzene, 1,3-dichloro-. |
| | m-Dichlorobenzene. |
| | 1,3-Dichlorobenzene. |
| 542621 | Barium cyanide. |
| 542756 | 1-Propene, 1,3-dichloro-. |
| | 1,3-Dichloropropene. |
| 542767 | Propanenitrile, 3-chloro-. |
| | 3-Chloropropionitrile. |
| 542881 | Bis(chloromethyl)ether. |
| | Dichloromethyl ether. |
| | Methane, oxybis(chloro-. |
| 543908 | Cadmium acetate. |
| 544183 | Cobaltous formate. |
| 544923 | Copper cyanide Cu(CN). |
| 554847 | m-Nitrophenol. |
| 557197 | Nickel cyanide Ni(CN)2. |
| 557211 | Zinc cyanide Zn(CN)2. |
| | Zinc cyanide Zn(CN)2. |
| 557346 | Zinc acetate. |
| 557415 | Zinc formate. |
| 563122 | Ethion. |
| 563688 | Acetic acid, thallium(1+) salt. |
| | Thallium(I) acetate. |
| 573568 | 2,6-Dinitrophenol. |
| 584849 | Benzene, 1,3-diisocyanatomethyl-. |
| | Toluene diisocyanate. |
| | 2,4-Toluene diisocyanate. |
| 591082 | Acetamide, N-(aminothioxomethyl)-. |
| | 1-Acetyl-2-thiourea. |
| 592018 | Calcium cyanide Ca(CN)2. |
| 592041 | Mercuric cyanide. |
| 592858 | Mercuric thiocyanate. |
| 592870 | Lead thiocyanate. |
| 593602 | Vinyl bromide. |
| 594423 | Methanesulfonyl chloride, trichloro-. |
| | Trichloromethanesulfonyl chloride. |
| 598312 | Bromoacetone. |
| | 2-Propanone, 1-bromo-. |
| 606202 | Benzene, 2-methyl-1,3-dinitro-. |
| | 2,6-Dinitrotoluene. |
| 608731 | HEXACHLOROCYCLOHEXANE (all isomers). |
| 608935 | Benzene, pentachloro-. |
| | Pentachlorobenzene. |
| 609198 | 3,4,5-Trichlorophenol. |
| 610399 | 3,4-Dinitrotoluene. |
| 615532 | Carbamic acid, methylnitroso-, ethyl ester. |
| | N-Nitroso-N-methylurethane. |
| 621647 | Di-n-propylnitrosamine. |
| | 1-Propanamine, N-nitroso-N-propyl-. |
| 624839 | Methane, isocyanato-. |
| | Methyl isocyanate. |
| 625161 | tert-Amyl acetate. |
| 626380 | sec-Amyl acetate. |
| 628637 | Amyl acetate. |
| 628864 | Fulminic acid, mercury(2+)salt. |
| | Mercury fulminate. |
| 630104 | Selenourea. |
| 630206 | Ethane, 1,1,1,2-tetrachloro-. |

| CASRN | Hazardous substance |
|---------|-----------------------------------------------------------------------------------------------|
| | 1,1,1,2-Tetrachloroethane. |
| 631618 | Ammonium acetate. |
| 636215 | Benzenamine, 2-methyl-, hydrochloride. |
| | o-Toluidine hydrochloride. |
| 640197 | Acetamide, 2-fluoro-. |
| | Fluoroacetamide. |
| 644644 | Carbamic acid, dimethyl-, 1-[(dimethyl- amino)carbonyl]-5-methyl-1H-pyrazol-3-yl ester. |
| | Dimetilan. |
| 680319 | Hexamethylphosphoramide. |
| 684935 | N-Nitroso-N-methylurea. |
| | Urea, N-methyl-N-nitroso-. |
| 692422 | Arsine, diethyl-. |
| | Diethylarsine. |
| 696286 | Arsonous dichloride, phenyl-. |
| | Dichlorophenylarsine. |
| 757584 | Hexaethyl tetraphosphate. |
| | Tetraphosphoric acid, hexaethyl ester. |
| 759739 | N-Nitroso-N-ethylurea. |
| | Urea, N-ethyl-N-nitroso-. |
| 764410 | 1,4-Dichloro-2-butene. |
| | 2-Butene, 1,4-dichloro-. |
| 765344 | Glycidylaldehyde. |
| | Oxiranecarboxyaldehyde. |
| 815827 | Cupric tartrate. |
| 822060 | Hexamethylene-1,6-diisocyanate. |
| 823405 | Benzenediamine, ar-methyl-. |
| | Toluenediamine. |
| | 2,4-Toluene diamine. |
| 924163 | N-Nitrosodi-n-butylamine. |
| | 1-Butanamine, N-butyl-N-nitroso-. |
| 930552 | N-Nitrosopyrrolidine. |
| | Pyrrolidine, 1-nitroso-. |
| 933755 | 2,3,6-Trichlorophenol. |
| 933788 | 2,3,5-Trichlorophenol. |
| 959988 | alpha-Endosulfan. |
| 1024573 | Heptachlor epoxide. |
| 1031078 | Endosulfan sulfate. |
| 1066304 | Chromic acetate. |
| 1066337 | Ammonium bicarbonate. |
| 1072351 | Lead stearate. |
| 1111780 | Ammonium carbamate. |
| 1116547 | Ethanol, 2,2'-(nitrosoimino)bis-. |
| | N-Nitrosodiethanolamine. |
| 1120714 | 1,2-Oxathiolane, 2,2-dioxide. |
| | 1,3-Propane sultone. |
| 1129415 | Carbamic acid, methyl-, 3-methylphenyl ester. |
| | Metolcarb. |
| 1185575 | Ferric ammonium citrate. |
| 1194656 | Dichlobenil. |
| 1300716 | Xylenol. |
| 1303282 | Arsenic oxide As2O5. |
| | Arsenic pentoxide. |
| 1303328 | Arsenic disulfide. |
| 1303339 | Arsenic trisulfide. |
| 1309644 | Antimony trioxide. |
| 1310583 | Potassium hydroxide. |
| 1310732 | Sodium hydroxide. |
| 1314325 | Thallic oxide. |
| | Thallium oxide Tl2O3. |
| 1314621 | Vanadium oxide V2O5. |
| | Vanadium pentoxide. |
| 1314803 | Phosphorus pentasulfide. |
| | Phosphorus sulfide. |
| | Sulfur phosphide. |
| 1314847 | Zinc phosphide Zn3P2. |
| 1314870 | Lead sulfide. |
| 1319728 | 2,4,5-T amines. |
| 1319773 | Cresol (cresylic acid). |

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APPENDIX A TO § 302.4—SEQUENTIAL CAS
REGISTRY NUMBER LIST OF CERCLA HAZ-
ARDOUS SUBSTANCES—Continued

APPENDIX A TO § 302.4—SEQUENTIAL CAS
REGISTRY NUMBER LIST OF CERCLA HAZ-
ARDOUS SUBSTANCES—Continued

| CASRN | Hazardous substance |
|---------|------------------------------------------------------------------------------------|
| | Cresols (isomers and mixture). |
| | Cresylic acid (isomers and mixture). |
| 1320189 | Phenol, methyl-. |
| 1321126 | 2,4-D Ester. |
| 1327533 | Nitrotoluene. |
| | Arsenic oxide As ₂ O ₃ . |
| | Arsenic trioxide. |
| 1330207 | Benzene, dimethyl-. |
| | Xylene. |
| | Xylene (mixed). |
| | Xylenes (isomers and mixture). |
| 1332076 | Zinc borate. |
| 1332214 | Asbestos. |
| 1333831 | Sodium bifluoride. |
| 1335326 | Lead subacetate. |
| | Lead, bis(acetato-O)tetrahydroxytri. |
| 1336216 | Ammonium hydroxide. |
| 1336363 | Aroclors. |
| | PCBs. |
| | POLYCHLORINATED BIPHENYLS. |
| 1338234 | Methyl ethyl ketone peroxide. |
| | 2-Butanone peroxide. |
| 1338245 | Naphthenic acid. |
| 1341497 | Ammonium bifluoride. |
| 1464535 | 1,2:3,4-Diepoxybutane. |
| | 2,2'-Bioxirane. |
| 1563388 | 7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-. |
| | Carbofuran phenol. |
| 1563662 | 7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate. |
| | Carbofuran. |
| 1582098 | Trifluralin. |
| 1615801 | Hydrazine, 1,2-diethyl-. |
| | N,N'-Diethylhydrazine. |
| 1634044 | Methyl tert-butyl ether. |
| 1646884 | Aldicarb sulfone. |
| | Propanal, 2-methyl-2-(methyl-sulfonyl)-, O- [(methylamino)carbonyl] oxime. |
| 1746016 | TCDD. |
| | 2,3,7,8-Tetrachlorodibenzo-p-dioxin. |
| 1762954 | Ammonium thiocyanate. |
| 1863634 | Ammonium benzoate. |
| 1888717 | Hexachloropropene. |
| | 1-Propene, 1,1,2,3,3,3-hexachloro-. |
| 1918009 | Dicamba. |
| 1928387 | 2,4-D Ester. |
| 1928478 | 2,4,5-T esters. |
| 1928616 | 2,4-D Ester. |
| 1929733 | 2,4-D Ester. |
| 2008460 | 2,4,5-T amines. |
| 2032657 | Mercaptodimethur. |
| | Methiocarb. |
| | Phenol, (3,5-dimethyl-4-(methylthio)-, methylcarbamate. |
| 2303164 | Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester. |
| | Diallate. |
| 2303175 | Carbamothioic acid, bis(1-methylethyl)-, S- (2,3,3-trichloro-2-propenyl) ester. |
| | Triallate. |
| 2312358 | Propargite. |
| 2545597 | 2,4,5-T esters. |
| 2631370 | Phenol, 3-methyl-5-(1-methylethyl)-, methyl car- bamate. |
| | Promecarb. |
| 2763964 | 3(2H)-Isoxazolone, 5-(aminomethyl)-. |
| | 5-(Aminomethyl)-3-isoxazolol. |
| 2764729 | Diquat |
| 2921882 | Chlorpyrifos. |
| 2944674 | Ferric ammonium oxalate. |

| CASRN | Hazardous substance |
|---------|------------------------------------------------------------|
| 2971382 | 2,4-D Ester. |
| 3012655 | Ammonium citrate, dibasic. |
| 3164292 | Ammonium tartrate. |
| 3165933 | Benzenamine, 4-chloro-2-methyl-, hydrochloride. |
| | 4-Chloro-o-toluidine, hydrochloride. |
| 3251238 | Cupric nitrate. |
| 3288582 | O,O-Diethyl S-methyl dithiophosphate. |
| | Phosphorodithioic acid, O,O-diethyl S-methyl ester. |
| 3486359 | Zinc carbonate. |
| 3547044 | DDE. |
| 3689245 | Tetraethylthiopyrophosphate. |
| | Thiodiphosphoric acid, tetraethyl ester. |
| 3813147 | 2,4,5-T amines. |
| 4170303 | Crotonaldehyde. |
| | 2-Butenal. |
| 4549400 | N-Nitrosomethylvinylamine. |
| | Vinylamine, N-methyl-N-nitroso-. |
| 5344821 | Thiourea, (2-chlorophenyl)- 1-(o-Chlorophenyl)thiourea. |
| 5893663 | Cupric oxalate. |
| 5952261 | Ethanol, 2,2'-oxybis-, dicarbamate. |
| | Diethylene glycol, dicarbamate. |
| 5972736 | Ammonium oxalate. |
| 6009707 | Ammonium oxalate. |
| 6369966 | 2,4,5-T amines. |
| 6369977 | 2,4,5-T amines. |
| 6533739 | Carbonic acid, dithallium(1+) salt. |
| | Thallium(I) carbonate. |
| 7005723 | 4-Chlorophenyl phenyl ether. |
| 7421934 | Endrin aldehyde. |
| 7428480 | Lead stearate. |
| 7439921 | Lead. |
| 7439976 | Mercury. |
| 7440020 | Nickel. |
| 7440224 | Silver. |
| 7440235 | Sodium. |
| 7440280 | Thallium. |
| 7440360 | Antimony. |
| 7440382 | Arsenic. |
| 7440417 | Beryllium. |
| | Beryllium powder. |
| 7440439 | Cadmium. |
| 7440473 | Chromium. |
| 7440508 | Copper. |
| 7440666 | Zinc. |
| 7446084 | Selenium dioxide. |
| | Selenium oxide. |
| 7446142 | Lead sulfate. |
| 7446186 | Sulfuric acid, dithallium(1+) salt. |
| | Thallium(I) sulfate. |
| 7446277 | Lead phosphate. |
| | Phosphoric acid, lead(2+) salt (2:3). |
| 7447394 | Cupric chloride. |
| 7488564 | Selenium sulfide SeS ₂ . |
| 7550450 | Titanium tetrachloride. |
| 7558794 | Sodium phosphate, dibasic. |
| 7601549 | Sodium phosphate, tribasic. |
| 7631892 | Sodium arsenate. |
| 7631905 | Sodium bisulfite. |
| 7632000 | Sodium nitrite. |
| 7645252 | Lead arsenate. |
| 7646857 | Zinc chloride. |
| 7647010 | Hydrochloric acid. |
| | Hydrogen chloride. |
| 7647189 | Antimony pentachloride. |
| 7664382 | Phosphoric acid. |
| 7664393 | Hydrofluoric acid. |
| | Hydrogen fluoride. |

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APPENDIX A TO § 302.4—SEQUENTIAL CAS
REGISTRY NUMBER LIST OF CERCLA HAZ-
ARDOUS SUBSTANCES—Continued

APPENDIX A TO § 302.4—SEQUENTIAL CAS
REGISTRY NUMBER LIST OF CERCLA HAZ-
ARDOUS SUBSTANCES—Continued

| CASRN | Hazardous substance |
|----------|----------------------------------------------------|
| 7664417 | Ammonia. |
| 7664939 | Sulfuric acid. |
| 7681494 | Sodium fluoride. |
| 7681529 | Sodium hypochlorite. |
| 7697372 | Nitric acid. |
| 7699458 | Zinc bromide. |
| 7705080 | Ferric chloride. |
| 7718549 | Nickel chloride. |
| 7719122 | Phosphorus trichloride. |
| 7720787 | Ferrous sulfate. |
| 7722647 | Potassium permanganate. |
| 7723140 | Phosphorus. |
| 7733020 | Zinc sulfate. |
| 7738945 | Chromic acid. |
| 7758294 | Sodium phosphate, tribasic. |
| 7758943 | Ferrous chloride. |
| 7758954 | Lead chloride. |
| 7758987 | Cupric sulfate. |
| 7761888 | Silver nitrate. |
| 7773060 | Ammonium sulfamate. |
| 7775113 | Sodium chromate. |
| 7778394 | Arsenic acid H ₃ AsO ₄ . |
| 7778441 | Calcium arsenate. |
| 7778509 | Potassium bichromate. |
| 7778543 | Calcium hypochlorite. |
| 7779864 | Zinc hydrosulfite. |
| 7779886 | Zinc nitrate. |
| 7782414 | Fluorine. |
| 7782492 | Selenium. |
| 7782505 | Chlorine. |
| 7782630 | Ferrous sulfate. |
| 7782823 | Sodium selenite. |
| 7782867 | Mercurous nitrate. |
| 7783008 | Selenious acid. |
| 7783064 | Hydrogen sulfide H ₂ S. |
| 7783359 | Mercuric sulfate. |
| 7783462 | Lead fluoride. |
| 7783495 | Zinc fluoride. |
| 7783508 | Ferric fluoride. |
| 7783564 | Antimony trifluoride. |
| 7784341 | Arsenic trichloride. |
| 7784409 | Lead arsenate. |
| 7784410 | Potassium arsenate. |
| 7784465 | Sodium arsenite. |
| 7785844 | Sodium phosphate, tribasic. |
| 7786347 | Mevinphos. |
| 7786814 | Nickel sulfate. |
| 7787475 | Beryllium chloride. |
| 7787497 | Beryllium fluoride. |
| 7787555 | Beryllium nitrate. |
| 7788989 | Ammonium chromate. |
| 7789006 | Potassium chromate. |
| 7789062 | Strontium chromate. |
| 7789095 | Ammonium bichromate. |
| 7789426 | Cadmium bromide. |
| 7789437 | Cobaltous bromide. |
| 7789619 | Antimony tribromide. |
| 7790945 | Chlorosulfonic acid. |
| 7791120 | Thallium chloride TlCl. |
| 7803512 | Hydrogen phosphide. Phosphine. |
| 7803556 | Ammonium vanadate. Vanadic acid, ammonium salt. |
| 8001352 | Chlorinated camphene. Toxaphene. |
| 8003198 | Dichloropropane—Dichloropropene (mixture). |
| 8003347 | Pyrethrins. |
| 8014957 | Sulfuric acid. |
| 10022705 | Sodium hypochlorite. |
| 10025873 | Phosphorus oxychloride. |

| CASRN | Hazardous substance |
|----------|----------------------------------------------------------------------------------------------|
| 10025919 | Antimony trichloride. |
| 10026116 | Zirconium tetrachloride. |
| 10028225 | Ferric sulfate. |
| 10031591 | Sulfuric acid, dithallium(1+) salt. Thallium(I) sulfate. |
| 10039324 | Sodium phosphate, dibasic. |
| 10043013 | Aluminum sulfate. |
| 10045893 | Ferrous ammonium sulfate. |
| 10045940 | Mercuric nitrate. |
| 10049055 | Chromous chloride. |
| 10099748 | Lead nitrate. |
| 10101538 | Chromic sulfate. |
| 10101630 | Lead iodide. |
| 10101890 | Sodium phosphate, tribasic. |
| 10102064 | Uranyl nitrate. |
| 10102188 | Sodium selenite. |
| 10102439 | Nitric oxide. Nitrogen oxide NO. Nitrogen dioxide. Nitrogen oxide NO ₂ . |
| 10102440 | Nitric acid, thallium(1+) salt. Thallium(I) nitrate. |
| 10102484 | Lead arsenate. |
| 10108642 | Cadmium chloride. |
| 10124502 | Potassium arsenite. |
| 10124568 | Sodium phosphate, tribasic. |
| 10140655 | Sodium phosphate, dibasic. |
| 10192300 | Ammonium bisulfite. |
| 10196040 | Ammonium sulfite. |
| 10361894 | Sodium phosphate, tribasic. |
| 10380297 | Cupric sulfate, ammoniated. |
| 10415755 | Mercurous nitrate. |
| 10421484 | Ferric nitrate. |
| 10544726 | Nitrogen dioxide. Nitrogen oxide NO ₂ . |
| 10588019 | Sodium bichromate. |
| 10605217 | Carbamic acid, 1H-benzimidazol-2-yl, methyl ester. Carbendazim. |
| 11096825 | Aroclor 1260. |
| 11097691 | Aroclor 1254. |
| 11104282 | Aroclor 1221. |
| 11115745 | Chromic acid. |
| 11141165 | Aroclor 1232. |
| 12002038 | Cupric acetoarsenite. |
| 12039520 | Selenious acid, dithallium(1+) salt. Thallium (I) selenite. |
| 12054487 | Nickel hydroxide. |
| 12125018 | Ammonium fluoride. |
| 12125029 | Ammonium chloride. |
| 12135761 | Ammonium sulfide. |
| 12672296 | Aroclor 1248. |
| 12674112 | Aroclor 1016. |
| 12771083 | Sulfur monochloride. |
| 13463393 | Nickel carbonyl Ni(CO) ₄ , (T-4)- 2,4,5-T salts. |
| 13560991 | Beryllium nitrate. |
| 13597994 | Zirconium nitrate. |
| 13746899 | Calcium chromate. |
| 13765190 | Chromic acid H ₂ CrO ₄ , calcium salt. Lead fluoborate. |
| 13814965 | Ammonium fluoborate. |
| 13826830 | sec-Butylamine. |
| 13952846 | Cobaltous sulfamate. |
| 14017415 | Nickel nitrate. |
| 14216752 | Ammonium oxalate. |
| 14258492 | Lithium chromate. |
| 14307358 | Ammonium tartrate. |
| 14307438 | Zinc ammonium chloride. |
| 14639975 | Zinc ammonium chloride. |
| 14639986 | Zinc ammonium chloride. |

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| CASRN | Hazardous substance |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14644612 | Zirconium sulfate. |
| 15339363 | Manganese, bis(dimethylcarbomodithioato-S,S')- |
| | Manganese dimethyldithiocarbamate. |
| 15699180 | Nickel ammonium sulfate. |
| 15739807 | Lead sulfate. |
| 15950660 | 2,3,4-Trichlorophenol. |
| 16721805 | Sodium hydrosulfide. |
| 16752775 | Ethanimidothioic acid, N-[[[(methylamino)carbonyl]oxy]-, methyl ester. Methomyl. |
| 16871719 | Zinc silicofluoride. |
| 16919190 | Ammonium silicofluoride. |
| 16923958 | Zirconium potassium fluoride. |
| 17702577 | Formparanate. |
| | Methanimidamide, N,N-dimethyl-N'-[2-methyl-4-[[[(methylamino)carbonyl]oxy]phenyl]-, Benomyl. |
| 17804352 | Carbamic acid, [1-((butylamino)carbonyl)-1H-benzimidazol-2-yl]-, methyl ester. |
| 18883664 | D-Glucose, 2-deoxy-2[[[(methylnitrosoamino)carbonyl]amino]-, Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-, D-, Streptozotocin. |
| 20816120 | Osmium oxide OsO ₄ , (T-4)-, Osmium tetroxide. |
| 20830813 | Daunomycin. |
| | 5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy-alpha-L-lyxohexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-. |
| 20859738 | Aluminum phosphide. |
| 22781233 | Bendiocarb. |
| | 1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate. |
| 22961826 | Bendiocarb phenol. |
| | 1,3-Benzodioxol-4-ol, 2,2-dimethyl-, Ethanimidothioic acid, 2-(dimethylamino)-N-[[[(methylamino)carbonyl]oxy]-2-oxo-, methyl ester. |
| 23135220 | Oxamyl. |
| | Methanimidamide, N,N-dimethyl-N'-[3-[[[(methylamino)carbonyl]oxy]phenyl]-, monohydrochloride. |
| 23242539 | Formetanate hydrochloride. |
| 23564058 | Carbamic acid, [1,2-phenylenebis(iminocarbonothioyl)]bis-, dimethyl ester. |
| | Thiophanate-methyl. |
| 23950585 | Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-, Pronamide. |
| 25154545 | Dinitrobenzene (mixed). |
| 25154556 | Nitrophenol (mixed). |
| 25155300 | Sodium dodecylbenzenesulfonate. |
| 25167822 | Trichlorophenol. |
| 25168154 | 2,4,5-T esters. |
| 25168267 | 2,4-D Ester. |
| 25321146 | Dinitrotoluene. |
| 25321226 | Dichlorobenzene. |
| 25376458 | Benzenediamine, ar-methyl-, Toluenediamine. |
| | 2,4-Toluene diamine. |
| 25550587 | Dinitrophenol. |
| 26264062 | Calcium dodecylbenzenesulfonate. |
| 26419738 | 1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O-[[[(methylamino)carbonyl]oxime], Tirpate. |
| 26471625 | Benzene, 1,3-diisocyanatomethyl- |

APPENDIX A TO § 302.4—SEQUENTIAL CAS REGISTRY NUMBER LIST OF CERCLA HAZARDOUS SUBSTANCES—Continued

| CASRN | Hazardous substance |
|----------|------------------------------------------------------------------------------------------------------------------------|
| | Toluene diisocyanate. |
| | 2,4-Toluene diisocyanate. |
| 26628228 | Sodium azide. |
| 26638197 | Dichloropropane. |
| 26952238 | Dichloropropene. |
| 27176870 | Dodecylbenzenesulfonic acid. |
| 27323417 | Triethanolamine dodecylbenzene sulfonate. |
| 27774136 | Vanadyl sulfate. |
| 28300745 | Antimony potassium tartrate. |
| 30525894 | Paraformaldehyde. |
| 30558431 | Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo-, methyl ester. |
| | A2213. |
| 32534955 | 2,4,5-TP esters. |
| 33213659 | beta - Endosulfan. |
| 36478769 | Uranyl nitrate. |
| 37211055 | Nickel chloride. |
| 39196184 | Thiofanox. |
| | 2-Butanone, 3,3-dimethyl-1-(methylthio)-, O-[[[(methylamino)carbonyl]oxime], Isopropanolamine dodecylbenzenesulfonate. |
| 42504461 | Zinc ammonium chloride. |
| 52628258 | Lead stearate. |
| 52652592 | Calcium arsenite. |
| 52740166 | Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester. |
| 52888809 | Prosulfocarb. |
| | 2,4-D Ester. |
| 53467111 | Aroclor 1242. |
| 53469219 | Carbamic acid, [(dibutylamino)thio]methyl-, 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ester. |
| 55285148 | Carbosulfan. |
| | Ferric ammonium oxalate. |
| 55488874 | Lead stearate. |
| 56189094 | Ethanimidothioic acid, N,N'-[[thiobis[(methylimino)carbonyloxy]]bis-, dimethyl ester. |
| 59669260 | Thiodicarb. |
| 61792072 | 2,4,5-T esters. |

APPENDIX B TO § 302.4—RADIONUCLIDES

| Radionuclide | Atomic Number | Final RQ Ci (Bq) |
|----------------|---------------|------------------|
| Radionuclides@ | | 1&(3.7E 10) |
| Actinium-224 | 89 | 100 (3.7E 12) |
| Actinium-225 | 89 | 1 (3.7E 10) |
| Actinium-226 | 89 | 10 (3.7E 11) |
| Actinium-227 | 89 | 0.001 (3.7E 7) |
| Actinium-228 | 89 | 10 (3.7E 11) |
| Aluminum-26 | 13 | 10 (3.7E 11) |
| Americium-237 | 95 | 1000 (3.7E 13) |
| Americium-238 | 95 | 100 (3.7E 12) |
| Americium-239 | 95 | 100 (3.7E 12) |
| Americium-240 | 95 | 10 (3.7E 11) |
| Americium-241 | 95 | 0.01 (3.7E 8) |
| Americium-242m | 95 | 0.01 (3.7E 8) |
| Americium-242 | 95 | 100 (3.7E 12) |
| Americium-243 | 95 | 0.01 (3.7E 8) |
| Americium-244m | 95 | 1000 (3.7E 13) |
| Americium-244 | 95 | 10 (3.7E 11) |
| Americium-245 | 95 | 1000 (3.7E 13) |
| Americium-246m | 95 | 1000 (3.7E 13) |
| Americium-246 | 95 | 1000 (3.7E 13) |
| Antimony-115 | 51 | 1000 (3.7E 13) |
| Antimony-116m | 51 | 100 (3.7E 12) |
| Antimony-116 | 51 | 1000 (3.7E 13) |
| Antimony-117 | 51 | 1000 (3.7E 13) |

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APPENDIX B TO § 302.4—RADIONUCLIDES—
Continued

APPENDIX B TO § 302.4—RADIONUCLIDES—
Continued

| Radionuclide | Atomic Number | Final RQ Ci (Bq) |
|-------------------------|---------------|------------------|
| Antimony-118m | 51 | 10 (3.7E 11) |
| Antimony-119 | 51 | 1000 (3.7E 13) |
| Antimony-120 (16 min) | 51 | 1000 (3.7E 13) |
| Antimony-120 (5.76 day) | 51 | 10 (3.7E 11) |
| Antimony-122 | 51 | 10 (3.7E 11) |
| Antimony-124m | 51 | 1000 (3.7E 13) |
| Antimony-124 | 51 | 10 (3.7E 11) |
| Antimony-125 | 51 | 10 (3.7E 11) |
| Antimony-126m | 51 | 1000 (3.7E 13) |
| Antimony-126 | 51 | 10 (3.7E 11) |
| Antimony-127 | 51 | 10 (3.7E 11) |
| Antimony-128 (10.4 min) | 51 | 1000 (3.7E 13) |
| Antimony-128 (9.01 hr) | 51 | 10 (3.7E 11) |
| Antimony-129 | 51 | 100 (3.7E 12) |
| Antimony-130 | 51 | 100 (3.7E 12) |
| Antimony-131 | 51 | 1000 (3.7E 13) |
| Argon-39 | 18 | 1000 (3.7E 13) |
| Argon-41 | 18 | 10 (3.7E 11) |
| Arsenic-69 | 33 | 1000 (3.7E 13) |
| Arsenic-70 | 33 | 100 (3.7E 12) |
| Arsenic-71 | 33 | 100 (3.7E 12) |
| Arsenic-72 | 33 | 10 (3.7E 11) |
| Arsenic-73 | 33 | 100 (3.7E 12) |
| Arsenic-74 | 33 | 10 (3.7E 11) |
| Arsenic-76 | 33 | 100 (3.7E 12) |
| Arsenic-77 | 33 | 1000 (3.7E 13) |
| Arsenic-78 | 33 | 100 (3.7E 12) |
| Astatine-207 | 85 | 100 (3.7E 12) |
| Astatine-211 | 85 | 100 (3.7E 12) |
| Barium-126 | 56 | 1000 (3.7E 13) |
| Barium-128 | 56 | 10 (3.7E 11) |
| Barium-131m | 56 | 1000 (3.7E 13) |
| Barium-131 | 56 | 10 (3.7E 11) |
| Barium-133m | 56 | 100 (3.7E 12) |
| Barium-133 | 56 | 10 (3.7E 11) |
| Barium-135m | 56 | 1000 (3.7E 13) |
| Barium-139 | 56 | 1000 (3.7E 13) |
| Barium-140 | 56 | 10 (3.7E 11) |
| Barium-141 | 56 | 1000 (3.7E 13) |
| Barium-142 | 56 | 1000 (3.7E 13) |
| Berkelium-245 | 97 | 100 (3.7E 12) |
| Berkelium-246 | 97 | 10 (3.7E 11) |
| Berkelium-247 | 97 | 0.01 (3.7E 8) |
| Berkelium-249 | 97 | 1 (3.7E 10) |
| Berkelium-250 | 97 | 100 (3.7E 12) |
| Beryllium-7 | 4 | 100 (3.7E 12) |
| Beryllium-10 | 4 | 1 (3.7E 10) |
| Bismuth-200 | 83 | 100 (3.7E 12) |
| Bismuth-201 | 83 | 100 (3.7E 12) |
| Bismuth-202 | 83 | 1000 (3.7E 13) |
| Bismuth-203 | 83 | 10 (3.7E 11) |
| Bismuth-205 | 83 | 10 (3.7E 11) |
| Bismuth-206 | 83 | 10 (3.7E 11) |
| Bismuth-207 | 83 | 10 (3.7E 11) |
| Bismuth-210m | 83 | 0.1 (3.7E 9) |
| Bismuth-210 | 83 | 10 (3.7E 11) |
| Bismuth-212 | 83 | 100 (3.7E 12) |
| Bismuth-213 | 83 | 100 (3.7E 12) |
| Bismuth-214 | 83 | 100 (3.7E 12) |
| Bromine-74m | 35 | 100 (3.7E 12) |
| Bromine-74 | 35 | 100 (3.7E 12) |
| Bromine-75 | 35 | 100 (3.7E 12) |
| Bromine-76 | 35 | 10 (3.7E 11) |
| Bromine-77 | 35 | 100 (3.7E 12) |
| Bromine-80m | 35 | 1000 (3.7E 13) |
| Bromine-80 | 35 | 1000 (3.7E 13) |
| Bromine-82 | 35 | 10 (3.7E 11) |
| Bromine-83 | 35 | 1000 (3.7E 13) |
| Bromine-84 | 35 | 100 (3.7E 12) |
| Cadmium-104 | 48 | 1000 (3.7E 13) |

| Radionuclide | Atomic Number | Final RQ Ci (Bq) |
|-----------------|---------------|------------------|
| Cadmium-107 | 48 | 1000 (3.7E 13) |
| Cadmium-109 | 48 | 1 (3.7E 10) |
| Cadmium-113m | 48 | 0.1 (3.7E 9) |
| Cadmium-113 | 48 | 0.1 (3.7E 9) |
| Cadmium-115m | 48 | 10 (3.7E 11) |
| Cadmium-115 | 48 | 100 (3.7E 12) |
| Cadmium-117m | 48 | 10 (3.7E 11) |
| Cadmium-117 | 48 | 100 (3.7E 12) |
| Calcium-41 | 20 | 10 (3.7E 11) |
| Calcium-45 | 20 | 10 (3.7E 11) |
| Calcium-47 | 20 | 10 (3.7E 11) |
| Californium-244 | 98 | 1000 (3.7E 13) |
| Californium-246 | 98 | 10 (3.7E 11) |
| Californium-248 | 98 | 0.1 (3.7E 9) |
| Californium-249 | 98 | 0.01 (3.7E 8) |
| Californium-250 | 98 | 0.01 (3.7E 8) |
| Californium-251 | 98 | 0.01 (3.7E 8) |
| Californium-252 | 98 | 0.1 (3.7E 9) |
| Californium-253 | 98 | 10 (3.7E 11) |
| Californium-254 | 98 | 0.1 (3.7E 9) |
| Carbon-11 | 6 | 1000 (3.7E 13) |
| Carbon-14 | 6 | 10 (3.7E 11) |
| Cerium-134 | 58 | 10 (3.7E 11) |
| Cerium-135 | 58 | 10 (3.7E 11) |
| Cerium-137m | 58 | 100 (3.7E 12) |
| Cerium-137 | 58 | 1000 (3.7E 13) |
| Cerium-139 | 58 | 100 (3.7E 12) |
| Cerium-141 | 58 | 10 (3.7E 11) |
| Cerium-143 | 58 | 100 (3.7E 12) |
| Cerium-144 | 58 | 1 (3.7E 10) |
| Cesium-125 | 55 | 1000 (3.7E 13) |
| Cesium-127 | 55 | 100 (3.7E 12) |
| Cesium-129 | 55 | 100 (3.7E 12) |
| Cesium-130 | 55 | 1000 (3.7E 13) |
| Cesium-131 | 55 | 1000 (3.7E 13) |
| Cesium-132 | 55 | 10 (3.7E 11) |
| Cesium-134m | 55 | 1000 (3.7E 13) |
| Cesium-134 | 55 | 1 (3.7E 10) |
| Cesium-135m | 55 | 100 (3.7E 12) |
| Cesium-135 | 55 | 10 (3.7E 11) |
| Cesium-136 | 55 | 10 (3.7E 11) |
| Cesium-137 | 55 | 1 (3.7E 10) |
| Cesium-138 | 55 | 100 (3.7E 12) |
| Chlorine-36 | 17 | 10 (3.7E 11) |
| Chlorine-38 | 17 | 100 (3.7E 12) |
| Chlorine-39 | 17 | 100 (3.7E 12) |
| Chromium-48 | 24 | 100 (3.7E 12) |
| Chromium-49 | 24 | 1000 (3.7E 13) |
| Chromium-51 | 24 | 1000 (3.7E 13) |
| Cobalt-55 | 27 | 10 (3.7E 11) |
| Cobalt-56 | 27 | 10 (3.7E 11) |
| Cobalt-57 | 27 | 100 (3.7E 12) |
| Cobalt-58m | 27 | 1000 (3.7E 13) |
| Cobalt-58 | 27 | 10 (3.7E 11) |
| Cobalt-60m | 27 | 1000 (3.7E 13) |
| Cobalt-60 | 27 | 10 (3.7E 11) |
| Cobalt-61 | 27 | 1000 (3.7E 13) |
| Cobalt-62m | 27 | 1000 (3.7E 13) |
| Copper-60 | 29 | 100 (3.7E 12) |
| Copper-61 | 29 | 100 (3.7E 12) |
| Copper-64 | 29 | 1000 (3.7E 13) |
| Copper-67 | 29 | 100 (3.7E 12) |
| Curium-238 | 96 | 1000 (3.7E 13) |
| Curium-240 | 96 | 1 (3.7E 10) |
| Curium-241 | 96 | 10 (3.7E 11) |
| Curium-242 | 96 | 1 (3.7E 10) |
| Curium-243 | 96 | 0.01 (3.7E 8) |
| Curium-244 | 96 | 0.01 (3.7E 8) |
| Curium-245 | 96 | 0.01 (3.7E 8) |
| Curium-246 | 96 | 0.01 (3.7E 8) |

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APPENDIX B TO § 302.4—RADIONUCLIDES—
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| Radionuclide | Atomic Number | Final RQ Ci (Bq) |
|------------------------|---------------|------------------|
| Curium-247 | 96 | 0.01 (3.7E 8) |
| Curium-248 | 96 | 0.001 (3.7E 7) |
| Curium-249 | 96 | 1000 (3.7E 13) |
| Dysprosium-155 | 66 | 100 (3.7E 12) |
| Dysprosium-157 | 66 | 100 (3.7E 12) |
| Dysprosium-159 | 66 | 100 (3.7E 12) |
| Dysprosium-165 | 66 | 1000 (3.7E 13) |
| Dysprosium-166 | 66 | 10 (3.7E 11) |
| Einsteinium-250 | 99 | 10 (3.7E 11) |
| Einsteinium-251 | 99 | 1000 (3.7E 13) |
| Einsteinium-253 | 99 | 10 (3.7E 11) |
| Einsteinium-254m | 99 | 1 (3.7E 10) |
| Einsteinium-254 | 99 | 0.1 (3.7E 9) |
| Erbium-161 | 68 | 100 (3.7E 12) |
| Erbium-165 | 68 | 1000 (3.7E 13) |
| Erbium-169 | 68 | 100 (3.7E 12) |
| Erbium-171 | 68 | 100 (3.7E 12) |
| Erbium-172 | 68 | 10 (3.7E 11) |
| Europium-145 | 63 | 10 (3.7E 11) |
| Europium-146 | 63 | 10 (3.7E 11) |
| Europium-147 | 63 | 10 (3.7E 11) |
| Europium-148 | 63 | 10 (3.7E 11) |
| Europium-149 | 63 | 100 (3.7E 12) |
| Europium-150 (12.6 hr) | 63 | 1000 (3.7E 13) |
| Europium-150 (34.2 yr) | 63 | 10 (3.7E 11) |
| Europium-152m | 63 | 100 (3.7E 12) |
| Europium-152 | 63 | 10 (3.7E 11) |
| Europium-154 | 63 | 10 (3.7E 11) |
| Europium-155 | 63 | 10 (3.7E 11) |
| Europium-156 | 63 | 10 (3.7E 11) |
| Europium-157 | 63 | 10 (3.7E 11) |
| Europium-158 | 63 | 1000 (3.7E 13) |
| Fermium-252 | 100 | 10 (3.7E 11) |
| Fermium-253 | 100 | 10 (3.7E 11) |
| Fermium-254 | 100 | 100 (3.7E 12) |
| Fermium-255 | 100 | 100 (3.7E 12) |
| Fermium-257 | 100 | 1 (3.7E 10) |
| Fluorine-18 | 9 | 1000 (3.7E 13) |
| Francium-222 | 87 | 100 (3.7E 12) |
| Francium-223 | 87 | 100 (3.7E 12) |
| Gadolinium-145 | 64 | 100 (3.7E 12) |
| Gadolinium-146 | 64 | 10 (3.7E 11) |
| Gadolinium-147 | 64 | 10 (3.7E 11) |
| Gadolinium-148 | 64 | 0.001 (3.7E7) |
| Gadolinium-149 | 64 | 100 (3.7E 12) |
| Gadolinium-151 | 64 | 100 (3.7E 12) |
| Gadolinium-152 | 64 | 0.001 (3.7E 7) |
| Gadolinium-153 | 64 | 10 (3.7E 11) |
| Gadolinium-159 | 64 | 1000 (3.7E 13) |
| Gallium-65 | 31 | 1000 (3.7E 13) |
| Gallium-66 | 31 | 10 (3.7E 11) |
| Gallium-67 | 31 | 100 (3.7E 12) |
| Gallium-68 | 31 | 1000 (3.7E 13) |
| Gallium-70 | 31 | 1000 (3.7E 13) |
| Gallium-72 | 31 | 10 (3.7E 11) |
| Gallium-73 | 31 | 100 (3.7E 12) |
| Germanium-66 | 32 | 100 (3.7E 12) |
| Germanium-67 | 32 | 1000 (3.7E 13) |
| Germanium-68 | 32 | 10 (3.7E 11) |
| Germanium-69 | 32 | 10 (3.7E 11) |
| Germanium-71 | 32 | 1000 (3.7E 13) |
| Germanium-75 | 32 | 1000 (3.7E 13) |
| Germanium-77 | 32 | 10 (3.7E 11) |
| Germanium-78 | 32 | 1000 (3.7E 13) |
| Gold-193 | 79 | 100 (3.7E 12) |
| Gold-194 | 79 | 10 (3.7E 11) |
| Gold-195 | 79 | 100 (3.7E 12) |
| Gold-198m | 79 | 10 (3.7E 11) |
| Gold-198 | 79 | 100 (3.7E 12) |
| Gold-199 | 79 | 100 (3.7E 12) |

| Radionuclide | Atomic Number | Final RQ Ci (Bq) |
|-----------------------|---------------|------------------|
| Gold-200m | 79 | 10 (3.7E 11) |
| Gold-200 | 79 | 1000 (3.7E 13) |
| Gold-201 | 79 | 1000 (3.7E 13) |
| Hafnium-170 | 72 | 100 (3.7E 12) |
| Hafnium-172 | 72 | 1 (3.7E 10) |
| Hafnium-173 | 72 | 100 (3.7E 12) |
| Hafnium-175 | 72 | 100 (3.7E 12) |
| Hafnium-177m | 72 | 1000 (3.7E 13) |
| Hafnium-178m | 72 | 0.1 (3.7E 9) |
| Hafnium-179m | 72 | 100 (3.7E 12) |
| Hafnium-180m | 72 | 100 (3.7E 12) |
| Hafnium-181 | 72 | 10 (3.7E 11) |
| Hafnium-182m | 72 | 100 (3.7E 12) |
| Hafnium-182 | 72 | 0.1 (3.7E 9) |
| Hafnium-183 | 72 | 100 (3.7E 12) |
| Hafnium-184 | 72 | 100 (3.7E 12) |
| Holmium-155 | 67 | 1000 (3.7E 13) |
| Holmium-157 | 67 | 1000 (3.7E 13) |
| Holmium-159 | 67 | 1000 (3.7E 13) |
| Holmium-161 | 67 | 1000 (3.7E 13) |
| Holmium-162m | 67 | 1000 (3.7E 13) |
| Holmium-162 | 67 | 1000 (3.7E 13) |
| Holmium-164m | 67 | 1000 (3.7E 13) |
| Holmium-164 | 67 | 1000 (3.7E 13) |
| Holmium-166m | 67 | 1 (3.7E 10) |
| Holmium-166 | 67 | 100 (3.7E 12) |
| Holmium-167 | 67 | 100 (3.7E 12) |
| Hydrogen-3 | 1 | 100 (3.7E 12) |
| Indium-109 | 49 | 100 (3.7E 12) |
| Indium-110 (69.1 min) | 49 | 100 (3.7E 12) |
| Indium-110 (4.9 hr) | 49 | 10 (3.7E 11) |
| Indium-111 | 49 | 100 (3.7E 12) |
| Indium-112 | 49 | 1000 (3.7E 13) |
| Indium-113m | 49 | 1000 (3.7E 13) |
| Indium-114m | 49 | 10 (3.7E 11) |
| Indium-115m | 49 | 100 (3.7E 12) |
| Indium-115 | 49 | 0.1 (3.7E 9) |
| Indium-116m | 49 | 100 (3.7E 12) |
| Indium-117m | 49 | 100 (3.7E 12) |
| Indium-117 | 49 | 1000 (3.7E 13) |
| Indium-119m | 49 | 1000 (3.7E 13) |
| Iodine-120m | 53 | 100 (3.7E 12) |
| Iodine-120 | 53 | 10 (3.7E 11) |
| Iodine-121 | 53 | 100 (3.7E 12) |
| Iodine-123 | 53 | 10 (3.7E 11) |
| Iodine-124 | 53 | 0.1 (3.7E 9) |
| Iodine-125 | 53 | 0.01 (3.7E 8) |
| Iodine-126 | 53 | 0.01 (3.7E 8) |
| Iodine-128 | 53 | 1000 (3.7E 13) |
| Iodine-129 | 53 | 0.001 (3.7E 7) |
| Iodine-130 | 53 | 1 (3.7E 10) |
| Iodine-131 | 53 | 0.01 (3.7E 8) |
| Iodine-132m | 53 | 10 (3.7E 11) |
| Iodine-132 | 53 | 10 (3.7E 11) |
| Iodine-133 | 53 | 0.1 (3.7E 9) |
| Iodine-134 | 53 | 100 (3.7E 12) |
| Iodine-135 | 53 | 10 (3.7E 11) |
| Iridium-182 | 77 | 1000 (3.7E 13) |
| Iridium-184 | 77 | 100 (3.7E 12) |
| Iridium-185 | 77 | 100 (3.7E 12) |
| Iridium-186 | 77 | 10 (3.7E 11) |
| Iridium-187 | 77 | 100 (3.7E 12) |
| Iridium-188 | 77 | 10 (3.7E 11) |
| Iridium-189 | 77 | 100 (3.7E 12) |
| Iridium-190m | 77 | 1000 (3.7E 13) |
| Iridium-190 | 77 | 10 (3.7E 11) |
| Iridium-192m | 77 | 100 (3.7E 12) |
| Iridium-192 | 77 | 10 (3.7E 11) |
| Iridium-194m | 77 | 10 (3.7E 11) |
| Iridium-194 | 77 | 100 (3.7E 12) |

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APPENDIX B TO § 302.4—RADIONUCLIDES—
Continued

| Radionuclide | Atomic Number | Final RQ Ci (Bq) |
|-----------------|---------------|------------------|
| Iridium-195m | 77 | 100 (3.7E 12) |
| Iridium-195 | 77 | 1000 (3.7E 13) |
| Iron-52 | 26 | 100 (3.7E 12) |
| Iron-55 | 26 | 100 (3.7E 12) |
| Iron-59 | 26 | 10 (3.7E 11) |
| Iron-60 | 26 | 0.1 (3.7E 9) |
| Krypton-74 | 36 | 10 (3.7E 11) |
| Krypton-76 | 36 | 10 (3.7E 11) |
| Krypton-77 | 36 | 10 (3.7E 11) |
| Krypton-79 | 36 | 100 (3.7E 12) |
| Krypton-81 | 36 | 1000 (3.7E 13) |
| Krypton-83m | 36 | 1000 (3.7E 13) |
| Krypton-85m | 36 | 100 (3.7E 12) |
| Krypton-85 | 36 | 1000 (3.7E 13) |
| Krypton-87 | 36 | 10 (3.7E 11) |
| Krypton-88 | 36 | 10 (3.7E 11) |
| Lanthanum-131 | 57 | 1000 (3.7E 13) |
| Lanthanum-132 | 57 | 100 (3.7E 12) |
| Lanthanum-135 | 57 | 1000 (3.7E 13) |
| Lanthanum-137 | 57 | 10 (3.7E 11) |
| Lanthanum-138 | 57 | 1 (3.7E 10) |
| Lanthanum-140 | 57 | 10 (3.7E 11) |
| Lanthanum-141 | 57 | 1000 (3.7E 13) |
| Lanthanum-142 | 57 | 100 (3.7E 12) |
| Lanthanum-143 | 57 | 1000 (3.7E 13) |
| Lead-195m | 82 | 1000 (3.7E 13) |
| Lead-198 | 82 | 100 (3.7E 12) |
| Lead-199 | 82 | 100 (3.7E 12) |
| Lead-200 | 82 | 100 (3.7E 12) |
| Lead-201 | 82 | 100 (3.7E 12) |
| Lead-202m | 82 | 10 (3.7E 11) |
| Lead-202 | 82 | 1 (3.7E 10) |
| Lead-203 | 82 | 100 (3.7E 12) |
| Lead-205 | 82 | 100 (3.7E 12) |
| Lead-209 | 82 | 1000 (3.7E 13) |
| Lead-210 | 82 | 0.01 (3.7E 8) |
| Lead-211 | 82 | 100 (3.7E 12) |
| Lead-212 | 82 | 10 (3.7E 11) |
| Lead-214 | 82 | 100 (3.7E 12) |
| Lutetium-169 | 71 | 10 (3.7E 11) |
| Lutetium-170 | 71 | 10 (3.7E 11) |
| Lutetium-171 | 71 | 10 (3.7E 11) |
| Lutetium-172 | 71 | 10 (3.7E 11) |
| Lutetium-173 | 71 | 100 (3.7E 12) |
| Lutetium-174m | 71 | 10 (3.7E 11) |
| Lutetium-174 | 71 | 10 (3.7E 11) |
| Lutetium-176m | 71 | 1000 (3.7E 13) |
| Lutetium-176 | 71 | 1 (3.7E 10) |
| Lutetium-177m | 71 | 10 (3.7E 11) |
| Lutetium-177 | 71 | 100 (3.7E 12) |
| Lutetium-178m | 71 | 1000 (3.7E 13) |
| Lutetium-178 | 71 | 1000 (3.7E 13) |
| Lutetium-179 | 71 | 1000 (3.7E 13) |
| Magnesium-28 | 12 | 10 (3.7E 11) |
| Manganese-51 | 25 | 1000 (3.7E 13) |
| Manganese-52m | 25 | 1000 (3.7E 13) |
| Manganese-52 | 25 | 10 (3.7E 11) |
| Manganese-53 | 25 | 1000 (3.7E 13) |
| Manganese-54 | 25 | 10 (3.7E 11) |
| Manganese-56 | 25 | 100 (3.7E 12) |
| Mendelevium-257 | 101 | 100 (3.7E 12) |
| Mendelevium-258 | 101 | 1 (3.7E 10) |
| Mercury-193m | 80 | 10 (3.7E 11) |
| Mercury-193 | 80 | 100 (3.7E 12) |
| Mercury-194 | 80 | 0.1 (3.7E 9) |
| Mercury-195m | 80 | 100 (3.7E 12) |
| Mercury-195 | 80 | 100 (3.7E 12) |
| Mercury-197m | 80 | 1000 (3.7E 13) |
| Mercury-197 | 80 | 1000 (3.7E 13) |
| Mercury-199m | 80 | 1000 (3.7E 13) |

| Radionuclide | Atomic Number | Final RQ Ci (Bq) |
|----------------------------|---------------|------------------|
| Mercury-203 | 80 | 10 (3.7E 11) |
| Molybdenum-90 | 42 | 100 (3.7E 12) |
| Molybdenum-93m | 42 | 10 (3.7E 11) |
| Molybdenum-93 | 42 | 100 (3.7E 12) |
| Molybdenum-99 | 42 | 100 (3.7E 12) |
| Molybdenum-101 | 42 | 1000 (3.7E 13) |
| Neodymium-136 | 60 | 1000 (3.7E 13) |
| Neodymium-138 | 60 | 1000 (3.7E 13) |
| Neodymium-139m | 60 | 100 (3.7E 12) |
| Neodymium-139 | 60 | 1000 (3.7E 13) |
| Neodymium-141 | 60 | 1000 (3.7E 13) |
| Neodymium-147 | 60 | 10 (3.7E 11) |
| Neodymium-149 | 60 | 100 (3.7E 12) |
| Neodymium-151 | 60 | 1000 (3.7E 13) |
| Neptunium-232 | 93 | 1000 (3.7E 13) |
| Neptunium-233 | 93 | 1000 (3.7E 13) |
| Neptunium-234 | 93 | 10 (3.7E 11) |
| Neptunium-235 | 93 | 1000 (3.7E 13) |
| Neptunium-236 (1.2 E 5 yr) | 93 | 0.1 (3.7E 9) |
| Neptunium-236 (22.5 hr) | 93 | 100 (3.7E 12) |
| Neptunium-237 | 93 | 0.01 (3.7E 8) |
| Neptunium-238 | 93 | 10 (3.7E 11) |
| Neptunium-239 | 93 | 100 (3.7E 12) |
| Neptunium-240 | 93 | 100 (3.7E 12) |
| Nickel-56 | 28 | 10 (3.7E 11) |
| Nickel-57 | 28 | 10 (3.7E 11) |
| Nickel-59 | 28 | 100 (3.7E 12) |
| Nickel-63 | 28 | 100 (3.7E 12) |
| Nickel-65 | 28 | 100 (3.7E 12) |
| Nickel-66 | 28 | 10 (3.7E 11) |
| Niobium-88 | 41 | 100 (3.7E 12) |
| Niobium-89 (66 min) | 41 | 100 (3.7E 12) |
| Niobium-89 (122 min) | 41 | 100 (3.7E 12) |
| Niobium-90 | 41 | 10 (3.7E 11) |
| Niobium-93m | 41 | 100 (3.7E 12) |
| Niobium-94 | 41 | 10 (3.7E 11) |
| Niobium-95m | 41 | 100 (3.7E 12) |
| Niobium-95 | 41 | 10 (3.7E 11) |
| Niobium-96 | 41 | 10 (3.7E 11) |
| Niobium-97 | 41 | 100 (3.7E 12) |
| Niobium-98 | 41 | 1000 (3.7E 13) |
| Osmium-180 | 76 | 1000 (3.7E 13) |
| Osmium-181 | 76 | 100 (3.7E 12) |
| Osmium-182 | 76 | 100 (3.7E 12) |
| Osmium-185 | 76 | 10 (3.7E 11) |
| Osmium-189m | 76 | 1000 (3.7E 13) |
| Osmium-191m | 76 | 1000 (3.7E 13) |
| Osmium-191 | 76 | 100 (3.7E 12) |
| Osmium-193 | 76 | 100 (3.7E 12) |
| Osmium-194 | 76 | 1 (3.7E 10) |
| Palladium-100 | 46 | 100 (3.7E 12) |
| Palladium-101 | 46 | 100 (3.7E 12) |
| Palladium-103 | 46 | 100 (3.7E 12) |
| Palladium-107 | 46 | 100 (3.7E 12) |
| Palladium-109 | 46 | 1000 (3.7E 13) |
| Phosphorus-32 | 15 | 0.1 (3.7E 9) |
| Phosphorus-33 | 15 | 1 (3.7E 10) |
| Platinum-186 | 78 | 100 (3.7E 12) |
| Platinum-188 | 78 | 100 (3.7E 12) |
| Platinum-189 | 78 | 100 (3.7E 12) |
| Platinum-191 | 78 | 100 (3.7E 12) |
| Platinum-193m | 78 | 100 (3.7E 12) |
| Platinum-193 | 78 | 1000 (3.7E 13) |
| Platinum-195m | 78 | 100 (3.7E 12) |
| Platinum-197m | 78 | 1000 (3.7E 13) |
| Platinum-197 | 78 | 1000 (3.7E 13) |
| Platinum-199 | 78 | 1000 (3.7E 13) |
| Platinum-200 | 78 | 100 (3.7E 12) |
| Plutonium-234 | 94 | 1000 (3.7E 13) |
| Plutonium-235 | 94 | 1000 (3.7E 13) |

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| Radionuclide | Atomic Number | Final RQ Ci (Bq) |
|-------------------------|---------------|------------------|
| Plutonium-236 | 94 | 0.1 (3.7E 9) |
| Plutonium-237 | 94 | 1000 (3.7E 13) |
| Plutonium-238 | 94 | 0.01 (3.7E 8) |
| Plutonium-239 | 94 | 0.01 (3.7E 8) |
| Plutonium-240 | 94 | 0.01 (3.7E 8) |
| Plutonium-241 | 94 | 1 (3.7E 10) |
| Plutonium-242 | 94 | 0.01 (3.7E 8) |
| Plutonium-243 | 94 | 1000 (3.7E 13) |
| Plutonium-244 | 94 | 0.01 (3.7E 8) |
| Plutonium-245 | 94 | 100 (3.7E 12) |
| Polonium-203 | 84 | 100 (3.7E 12) |
| Polonium-205 | 84 | 100 (3.7E 12) |
| Polonium-207 | 84 | 10 (3.7E 11) |
| Polonium-210 | 84 | 0.01 (3.7E 8) |
| Potassium-40 | 19 | 1 (3.7E 10) |
| Potassium-42 | 19 | 100 (3.7E 12) |
| Potassium-43 | 19 | 10 (3.7E 11) |
| Potassium-44 | 19 | 100 (3.7E 12) |
| Potassium-45 | 19 | 1000 (3.7E 13) |
| Praseodymium-136 | 59 | 1000 (3.7E 13) |
| Praseodymium-137 | 59 | 1000 (3.7E 13) |
| Praseodymium-138m | 59 | 100 (3.7E 12) |
| Praseodymium-139 | 59 | 1000 (3.7E 13) |
| Praseodymium-142m | 59 | 1000 (3.7E 13) |
| Praseodymium-142 | 59 | 100 (3.7E 12) |
| Praseodymium-143 | 59 | 10 (3.7E 11) |
| Praseodymium-144 | 59 | 1000 (3.7E 13) |
| Praseodymium-145 | 59 | 1000 (3.7E 13) |
| Praseodymium-147 | 59 | 1000 (3.7E 13) |
| Promethium-141 | 61 | 1000 (3.7E 13) |
| Promethium-143 | 61 | 100 (3.7E 12) |
| Promethium-144 | 61 | 10 (3.7E 11) |
| Promethium-145 | 61 | 100 (3.7E 12) |
| Promethium-146 | 61 | 10 (3.7E 11) |
| Promethium-147 | 61 | 10 (3.7E 11) |
| Promethium-148m | 61 | 10 (3.7E 11) |
| Promethium-148 | 61 | 10 (3.7E 11) |
| Promethium-149 | 61 | 100 (3.7E 12) |
| Promethium-150 | 61 | 100 (3.7E 12) |
| Promethium-151 | 61 | 100 (3.7E 12) |
| Protactinium-227 | 91 | 100 (3.7E 12) |
| Protactinium-228 | 91 | 10 (3.7E 11) |
| Protactinium-230 | 91 | 10 (3.7E 11) |
| Protactinium-231 | 91 | 0.01 (3.7E 8) |
| Protactinium-232 | 91 | 10 (3.7E 11) |
| Protactinium-233 | 91 | 100 (3.7E 12) |
| Protactinium-234 | 91 | 10 (3.7E 11) |
| Radium-223 | 88 | 1 (3.7E 10) |
| Radium-224 | 88 | 10 (3.7E 11) |
| Radium-225 | 88 | 1 (3.7E 10) |
| Radium-226 ^o | 88 | 0.1 (3.7E 9) |
| Radium-227 | 88 | 1000 (3.7E 13) |
| Radium-228 | 88 | 0.1 (3.7E 9) |
| Radon-220 | 86 | 0.1 (3.7E 9) |
| Radon-222 | 86 | 0.1 (3.7E 9) |
| Rhenium-177 | 75 | 1000 (3.7E 13) |
| Rhenium-178 | 75 | 1000 (3.7E 13) |
| Rhenium-181 | 75 | 100 (3.7E 12) |
| Rhenium-182 (12.7 hr) | 75 | 10 (3.7E 11) |
| Rhenium-182 (64.0 hr) | 75 | 10 (3.7E 11) |
| Rhenium-184m | 75 | 10 (3.7E 11) |
| Rhenium-184 | 75 | 10 (3.7E 11) |
| Rhenium-186m | 75 | 10 (3.7E 11) |
| Rhenium-186 | 75 | 100 (3.7E 12) |
| Rhenium-187 | 75 | 1000 (3.7E 13) |
| Rhenium-188m | 75 | 1000 (3.7E 13) |
| Rhenium-188 | 75 | 1000 (3.7E 13) |
| Rhenium-189 | 75 | 1000 (3.7E 13) |
| Rhodium-99m | 45 | 100 (3.7E 12) |
| Rhodium-99 | 45 | 10 (3.7E 11) |

| Radionuclide | Atomic Number | Final RQ Ci (Bq) |
|---------------|---------------|------------------|
| Rhodium-100 | 45 | 10 (3.7E 11) |
| Rhodium-101m | 45 | 100 (3.7E 12) |
| Rhodium-101 | 45 | 10 (3.7E 11) |
| Rhodium-102m | 45 | 10 (3.7E 11) |
| Rhodium-102 | 45 | 10 (3.7E 11) |
| Rhodium-103m | 45 | 1000 (3.7E 13) |
| Rhodium-105 | 45 | 100 (3.7E 12) |
| Rhodium-106m | 45 | 10 (3.7E 11) |
| Rhodium-107 | 45 | 1000 (3.7E 13) |
| Rubidium-79 | 37 | 1000 (3.7E 13) |
| Rubidium-81m | 37 | 1000 (3.7E 13) |
| Rubidium-81 | 37 | 100 (3.7E 12) |
| Rubidium-82m | 37 | 10 (3.7E 11) |
| Rubidium-83 | 37 | 10 (3.7E 11) |
| Rubidium-84 | 37 | 10 (3.7E 11) |
| Rubidium-86 | 37 | 10 (3.7E 11) |
| Rubidium-88 | 37 | 1000 (3.7E 13) |
| Rubidium-89 | 37 | 1000 (3.7E 13) |
| Rubidium-87 | 37 | 10 (3.7E 11) |
| Ruthenium-94 | 44 | 1000 (3.7E 13) |
| Ruthenium-97 | 44 | 100 (3.7E 12) |
| Ruthenium-103 | 44 | 10 (3.7E 11) |
| Ruthenium-105 | 44 | 100 (3.7E 12) |
| Ruthenium-106 | 44 | 1 (3.7E 10) |
| Samarium-141m | 62 | 1000 (3.7E 13) |
| Samarium-141 | 62 | 1000 (3.7E 13) |
| Samarium-142 | 62 | 1000 (3.7E 13) |
| Samarium-145 | 62 | 100 (3.7E 12) |
| Samarium-146 | 62 | 0.01 (3.7E 8) |
| Samarium-147 | 62 | 0.01 (3.7E 8) |
| Samarium-151 | 62 | 10 (3.7E 11) |
| Samarium-153 | 62 | 100 (3.7E 12) |
| Samarium-155 | 62 | 1000 (3.7E 13) |
| Samarium-156 | 62 | 100 (3.7E 12) |
| Scandium-43 | 21 | 1000 (3.7E 13) |
| Scandium-44m | 21 | 10 (3.7E 11) |
| Scandium-44 | 21 | 100 (3.7E 12) |
| Scandium-46 | 21 | 10 (3.7E 11) |
| Scandium-47 | 21 | 100 (3.7E 12) |
| Scandium-48 | 21 | 10 (3.7E 11) |
| Scandium-49 | 21 | 1000 (3.7E 13) |
| Selenium-70 | 34 | 1000 (3.7E 13) |
| Selenium-73m | 34 | 100 (3.7E 12) |
| Selenium-73 | 34 | 10 (3.7E 11) |
| Selenium-75 | 34 | 10 (3.7E 11) |
| Selenium-79 | 34 | 10 (3.7E 11) |
| Selenium-81m | 34 | 1000 (3.7E 13) |
| Selenium-81 | 34 | 1000 (3.7E 13) |
| Selenium-83 | 34 | 1000 (3.7E 13) |
| Silicon-31 | 14 | 1000 (3.7E 13) |
| Silicon-32 | 14 | 1 (3.7E 10) |
| Silver-102 | 47 | 100 (3.7E 12) |
| Silver-103 | 47 | 1000 (3.7E 13) |
| Silver-104m | 47 | 1000 (3.7E 13) |
| Silver-104 | 47 | 1000 (3.7E 13) |
| Silver-105 | 47 | 10 (3.7E 11) |
| Silver-106m | 47 | 10 (3.7E 11) |
| Silver-106 | 47 | 1000 (3.7E 13) |
| Silver-108m | 47 | 10 (3.7E 11) |
| Silver-110m | 47 | 10 (3.7E 11) |
| Silver-111 | 47 | 10 (3.7E 11) |
| Silver-112 | 47 | 100 (3.7E 12) |
| Silver-115 | 47 | 1000 (3.7E 13) |
| Sodium-22 | 11 | 10 (3.7E 11) |
| Sodium-24 | 11 | 10 (3.7E 11) |
| Strontium-80 | 38 | 100 (3.7E 12) |
| Strontium-81 | 38 | 1000 (3.7E 13) |
| Strontium-83 | 38 | 100 (3.7E 12) |
| Strontium-85m | 38 | 1000 (3.7E 13) |
| Strontium-85 | 38 | 10 (3.7E 11) |

Environmental Protection Agency

§ 302.4

APPENDIX B TO § 302.4—RADIONUCLIDES—
Continued

APPENDIX B TO § 302.4—RADIONUCLIDES—
Continued

| Radionuclide | Atomic Number | Final RQ Ci (Bq) |
|------------------------|---------------|------------------|
| Strontium-87m | 38 | 100 (3.7E 12) |
| Strontium-89 | 38 | 10 (3.7E 11) |
| Strontium-90 | 38 | 0.1 (3.7E 9) |
| Strontium-91 | 38 | 10 (3.7E 11) |
| Strontium-92 | 38 | 100 (3.7E 12) |
| Sulfur-35 | 16 | 1 (3.7E 10) |
| Tantalum-172 | 73 | 100 (3.7E 12) |
| Tantalum-173 | 73 | 100 (3.7E 12) |
| Tantalum-174 | 73 | 100 (3.7E 12) |
| Tantalum-175 | 73 | 100 (3.7E 12) |
| Tantalum-176 | 73 | 10 (3.7E 11) |
| Tantalum-177 | 73 | 1000 (3.7E 13) |
| Tantalum-178 | 73 | 1000 (3.7E 13) |
| Tantalum-179 | 73 | 1000 (3.7E 13) |
| Tantalum-180m | 73 | 1000 (3.7E 13) |
| Tantalum-180 | 73 | 100 (3.7E 12) |
| Tantalum-182m | 73 | 1000 (3.7E 13) |
| Tantalum-182 | 73 | 10 (3.7E 11) |
| Tantalum-183 | 73 | 100 (3.7E 12) |
| Tantalum-184 | 73 | 10 (3.7E 11) |
| Tantalum-185 | 73 | 1000 (3.7E 13) |
| Tantalum-186 | 73 | 1000 (3.7E 13) |
| Technetium-93m | 43 | 1000 (3.7E 13) |
| Technetium-93 | 43 | 100 (3.7E 12) |
| Technetium-94m | 43 | 100 (3.7E 12) |
| Technetium-94 | 43 | 10 (3.7E 11) |
| Technetium-96m | 43 | 1000 (3.7E 13) |
| Technetium-96 | 43 | 10 (3.7E 11) |
| Technetium-97m | 43 | 100 (3.7E 12) |
| Technetium-97 | 43 | 100 (3.7E 12) |
| Technetium-98 | 43 | 10 (3.7E 11) |
| Technetium-99m | 43 | 100 (3.7E 12) |
| Technetium-99 | 43 | 10 (3.7E 11) |
| Technetium-101 | 43 | 1000 (3.7E 13) |
| Technetium-104 | 43 | 1000 (3.7E 13) |
| Tellurium-116 | 52 | 1000 (3.7E 13) |
| Tellurium-121m | 52 | 10 (3.7E 11) |
| Tellurium-121 | 52 | 10 (3.7E 11) |
| Tellurium-123m | 52 | 10 (3.7E 11) |
| Tellurium-123 | 52 | 10 (3.7E 11) |
| Tellurium-125m | 52 | 10 (3.7E 11) |
| Tellurium-127m | 52 | 10 (3.7E 11) |
| Tellurium-127 | 52 | 1000 (3.7E 13) |
| Tellurium-129m | 52 | 10 (3.7E 11) |
| Tellurium-129 | 52 | 1000 (3.7E 13) |
| Tellurium-131m | 52 | 10 (3.7E 11) |
| Tellurium-131 | 52 | 1000 (3.7E 13) |
| Tellurium-132 | 52 | 10 (3.7E 11) |
| Tellurium-133m | 52 | 1000 (3.7E 13) |
| Tellurium-133 | 52 | 1000 (3.7E 13) |
| Tellurium-134 | 52 | 1000 (3.7E 13) |
| Terbium-147 | 65 | 100 (3.7E 12) |
| Terbium-149 | 65 | 100 (3.7E 12) |
| Terbium-150 | 65 | 100 (3.7E 12) |
| Terbium-151 | 65 | 10 (3.7E 11) |
| Terbium-153 | 65 | 100 (3.7E 12) |
| Terbium-154 | 65 | 10 (3.7E 11) |
| Terbium-155 | 65 | 100 (3.7E 12) |
| Terbium-156m (5.0 hr) | 65 | 1000 (3.7E 13) |
| Terbium-156m (24.4 hr) | 65 | 1000 (3.7E 13) |
| Terbium-156 | 65 | 10 (3.7E 11) |
| Terbium-157 | 65 | 100 (3.7E 12) |
| Terbium-158 | 65 | 10 (3.7E 11) |
| Terbium-160 | 65 | 10 (3.7E 11) |
| Terbium-161 | 65 | 100 (3.7E 12) |
| Thallium-194m | 81 | 100 (3.7E 12) |
| Thallium-194 | 81 | 1000 (3.7E 13) |
| Thallium-195 | 81 | 100 (3.7E 12) |
| Thallium-197 | 81 | 100 (3.7E 12) |
| Thallium-198m | 81 | 100 (3.7E 12) |

| Radionuclide | Atomic Number | Final RQ Ci (Bq) |
|--------------------|---------------|---------------------|
| Thallium-198 | 81 | 10 (3.7E 11) |
| Thallium-199 | 81 | 100 (3.7E 12) |
| Thallium-200 | 81 | 10 (3.7E 11) |
| Thallium-201 | 81 | 1000 (3.7E 13) |
| Thallium-202 | 81 | 10 (3.7E 11) |
| Thallium-204 | 81 | 10 (3.7E 11) |
| Thorium-226 | 90 | 100 (3.7E 12) |
| Thorium-227 | 90 | 1 (3.7E 10) |
| Thorium-228 | 90 | 0.01 (3.7E 8) |
| Thorium-229 | 90 | 0.001 (3.7E 7) |
| Thorium-230 | 90 | 0.01 (3.7E 8) |
| Thorium-231 | 90 | 100 (3.7E 12) |
| Thorium-232 ϕ | 90 | 0.001 (3.7E 7) |
| Thorium-234 | 90 | 100 (3.7E 12) |
| Thulium-162 | 69 | 1000 (3.7E 13) |
| Thulium-166 | 69 | 10 (3.7E 11) |
| Thulium-167 | 69 | 100 (3.7E 12) |
| Thulium-170 | 69 | 10 (3.7E 11) |
| Thulium-171 | 69 | 100 (3.7E 12) |
| Thulium-172 | 69 | 100 (3.7E 12) |
| Thulium-173 | 69 | 100 (3.7E 12) |
| Thulium-175 | 69 | 1000 (3.7E 13) |
| Tin-110 | 50 | 100 (3.7E 12) |
| Tin-111 | 50 | 1000 (3.7E 13) |
| Tin-113 | 50 | 10 (3.7E 11) |
| Tin-117m | 50 | 100 (3.7E 12) |
| Tin-119m | 50 | 10 (3.7E 11) |
| Tin-121m | 50 | 10 (3.7E 11) |
| Tin-121 | 50 | 1000 (3.7E 13) |
| Tin-123m | 50 | 1000 (3.7E 13) |
| Tin-123 | 50 | 10 (3.7E 11) |
| Tin-125 | 50 | 10 (3.7E 11) |
| Tin-126 | 50 | 1 (3.7E 10) |
| Tin-127 | 50 | 100 (3.7E 12) |
| Tin-128 | 50 | 1000 (3.7E 13) |
| Titanium-44 | 22 | 1 (3.7E 10) |
| Titanium-45 | 22 | 1000 (3.7E 13) |
| Tungsten-176 | 74 | 1000 (3.7E 13) |
| Tungsten-177 | 74 | 100 (3.7E 12) |
| Tungsten-178 | 74 | 100 (3.7E 12) |
| Tungsten-179 | 74 | 1000 (3.7E 13) |
| Tungsten-181 | 74 | 100 (3.7E 12) |
| Tungsten-185 | 74 | 10 (3.7E 11) |
| Tungsten-187 | 74 | 100 (3.7E 12) |
| Tungsten-188 | 74 | 10 (3.7E 11) |
| Uranium-230 | 92 | 1 (3.7E 10) |
| Uranium-231 | 92 | 1000 (3.7E 13) |
| Uranium-232 | 92 | 0.01 (3.7E 8) |
| Uranium-233 | 92 | 0.1 (3.7E 9) |
| Uranium-234 ϕ | 92 | 0.1 (3.7E 9) |
| Uranium-235 ϕ | 92 | 0.1 (3.7E 9) |
| Uranium-236 | 92 | 0.1 (3.7E 9) |
| Uranium-237 | 92 | 100 (3.7E 12) |
| Uranium-238 ϕ | 92 | 0.1 ϕ (3.7E 9) |
| Uranium-239 | 92 | 1000 (3.7E 13) |
| Uranium-240 | 92 | 1000 (3.7E 13) |
| Vanadium-47 | 23 | 1000 (3.7E 13) |
| Vanadium-48 | 23 | 10 (3.7E 11) |
| Vanadium-49 | 23 | 1000 (3.7E 13) |
| Xenon-120 | 54 | 100 (3.7E 12) |
| Xenon-121 | 54 | 10 (3.7E 11) |
| Xenon-122 | 54 | 100 (3.7E 12) |
| Xenon-123 | 54 | 10 (3.7E 11) |
| Xenon-125 | 54 | 100 (3.7E 12) |
| Xenon-127 | 54 | 100 (3.7E 12) |
| Xenon-129m | 54 | 1000 (3.7E 13) |
| Xenon-131m | 54 | 1000 (3.7E 13) |
| Xenon-133m | 54 | 1000 (3.7E 13) |
| Xenon-133 | 54 | 1000 (3.7E 13) |
| Xenon-135m | 54 | 10 (3.7E 11) |

§ 302.5

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APPENDIX B TO § 302.4—RADIONUCLIDES—
Continued

| Radionuclide | Atomic Number | Final RQ Ci (Bq) |
|---------------------|---------------|------------------|
| Xenon-135 | 54 | 100 (3.7E 12) |
| Xenon-138 | 54 | 10 (3.7E 11) |
| Ytterbium-162 | 70 | 1000 (3.7E 13) |
| Ytterbium-166 | 70 | 10 (3.7E 11) |
| Ytterbium-167 | 70 | 1000 (3.7E 13) |
| Ytterbium-169 | 70 | 10 (3.7E 11) |
| Ytterbium-175 | 70 | 100 (3.7E 12) |
| Ytterbium-177 | 70 | 1000 (3.7E 13) |
| Ytterbium-178 | 70 | 1000 (3.7E 13) |
| Yttrium-86m | 39 | 1000 (3.7E 13) |
| Yttrium-86 | 39 | 10 (3.7E 11) |
| Yttrium-87 | 39 | 10 (3.7E 11) |
| Yttrium-88 | 39 | 10 (3.7E 11) |
| Yttrium-90m | 39 | 100 (3.7E 12) |
| Yttrium-90 | 39 | 10 (3.7E 11) |
| Yttrium-91m | 39 | 1000 (3.7E 13) |
| Yttrium-91 | 39 | 10 (3.7E 11) |
| Yttrium-92 | 39 | 100 (3.7E 12) |
| Yttrium-93 | 39 | 100 (3.7E 12) |
| Yttrium-94 | 39 | 1000 (3.7E 13) |
| Yttrium-95 | 39 | 1000 (3.7E 13) |
| Zinc-62 | 30 | 100 (3.7E 12) |
| Zinc-63 | 30 | 1000 (3.7E 13) |
| Zinc-65 | 30 | 10 (3.7E 11) |
| Zinc-69m | 30 | 100 (3.7E 12) |
| Zinc-69 | 30 | 1000 (3.7E 13) |
| Zinc-71m | 30 | 100 (3.7E 12) |
| Zinc-72 | 30 | 100 (3.7E 12) |
| Zirconium-86 | 40 | 100 (3.7E 12) |
| Zirconium-88 | 40 | 10 (3.7E 11) |
| Zirconium-89 | 40 | 100 (3.7E 12) |
| Zirconium-93 | 40 | 1 (3.7E 10) |
| Zirconium-95 | 40 | 10 (3.7E 11) |
| Zirconium-97 | 40 | 10 (3.7E 11) |

Ci—Curie. The curie represents a rate of radioactive decay. One curie is the quantity of any radioactive nuclide which undergoes 3.7E 10 disintegrations per second.

Bq—Becquerel. The becquerel represents a rate of radioactive decay. One becquerel is the quantity of any radioactive nuclide which undergoes one disintegration per second. One curie is equal to 3.7E 10 becquerel.

@—Final RQs for all radionuclides apply to chemical compounds containing the radionuclides and elemental forms regardless of the diameter of pieces of solid material.

&—The adjusted RQ of one curie applies to all radionuclides not otherwise listed. Whenever the RQs in table 302.4 and this appendix to the table are in conflict, the lowest RQ shall apply. For example, uranyl acetate and uranyl nitrate have adjusted RQs shown in table 302.4 of 100 pounds, equivalent to about one-tenth the RQ level for uranium-238 listed in this appendix.

E—Exponent to the base 10. For example, 1.3E 2 is equal to 130 while 1.3E 3 is equal to 1300.

m—Signifies a nuclear isomer which is a radionuclide in a higher energy metastable state relative to the parent isotope.

φ—Notification requirements for releases of mixtures or solutions of radionuclides can be found in § 302.6(b) of this rule. Final RQs for the following four common radionuclide mixtures are provided: radium-226 in secular equilibrium with its daughters (0.053 curie); natural uranium (0.1 curie); natural uranium in secular equilibrium with its daughters (0.052 curie); and natural thorium in secular equilibrium with its daughters (0.011 curie).

[54 FR 33449, Aug. 14, 1989]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting § 302.4, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and on GPO Access.

§ 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, or in appendix B to table 302.4, is the reportable quantity (RQ) for that substance. The RQs in table 302.4 are in units of pounds based on chemical toxicity, while the RQs in appendix B to table 302.4 are in units of curies based on radiation hazard. Whenever the RQs in table 302.4 and appendix B to the table are in conflict, the lowest RQ shall apply.

(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 toxicity identified in 40 CFR 261.24. Unlisted hazardous wastes which exhibit toxicity have the reportable quantities listed in Table 302.4 for the contaminant on which the characteristic of toxicity is based. The reportable quantity applies to the waste itself, not merely to the toxic contaminant. If an unlisted hazardous waste exhibits 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 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.

[51 FR 34547, Sept. 29, 1986, as amended at 54 FR 22538, May 24, 1989; 67 FR 45356, July 9, 2002]

§ 302.6 Notification requirements.

(a) Any person in charge of a vessel or an offshore or an onshore facility shall, as soon as he or she has knowledge of any release (other than a federally permitted release or application of a pesticide) of a hazardous substance from such vessel or facility in a quantity equal to or exceeding the reportable quantity determined by this part in any 24-hour period, immediately notify the National Response Center ((800) 424-8802; in Washington, DC (202) 426-2675 or (202) 267-2675; the facsimile