

Environmental Protection Agency

§ 302.4

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, 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 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 District of Columbia, the Commonwealth of Puerto Rico, Guam, American Samoa, the United States Virgin Islands, the Commonwealth of the North-

ern 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.

§ 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. Other names by which each hazardous substance is identified in other statutes and their implementing regulations are provided in the "Regulatory Synonyms" column. The "Statutory RQ" column lists the RQs for hazardous substances established by section 102 of CERCLA. 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)(4) 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 RCRA section 3001. The "RCRA Waste Number" column provides the waste identification numbers assigned to various substances by RCRA regulations. The column headed "Category" lists the code letters "X," "A," "B," "C," and "D," which are associated with reportable quantities of 1, 10, 100, 1000, and 5000 pounds, respectively. The "Pounds (kg)" column provides the reportable quantity adjustment for each hazardous substance in pounds and kilograms.

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|--|--------|--|-----------|---------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| Acenaphthene | 83329 | | 1* | 2 | | B | 100 (45.4) |
| Acenaphthylene | 208968 | | 1* | 2 | | D | 5000 (2270) |
| Acetaldehyde | 75070 | Ethanal | 1000 | 1,3,4 | U001 | C | 1000 (454) |
| Acetaldehyde, chloro- | 107200 | Chloroacetaldehyde | 1* | 4 | P023 | C | 1000 (454) |
| Acetaldehyde, trichloro- | 75876 | Chloral | 1* | 4 | U034 | D | 5000 (2270) |
| Acetamide | 60355 | | 1* | 3 | | B | 100 (45.4) |
| Acetamide, N-(aminothioxomethyl)- | 591082 | 1-Acetyl-2-thiourea | 1* | 4 | P002 | C | 1000 (454) |
| Acetamide, N-(4-ethoxyphenyl)- | 62442 | Phenacetin | 1* | 4 | U187 | B | 100 (45.4) |
| Acetamide, 2-fluoro- | 640197 | Fluoroacetamide | 1* | 4 | P057 | B | 100 (45.4) |
| Acetamide, N-9H-fluoren-2-yl- | 53963 | 2-Acetylaminofluorene | 1* | 3,4 | U005 | X | 1 (0.454) |
| Acetic acid | 64197 | | 1000 | 1 | | D | 5000 (2270) |
| Acetic acid (2,4-dichlorophenoxy)-, salts & esters | 94757 | 2,4-D Acid, 2,4-D,salts and esters | 100 | 1,3,4 | U240 | B | 100 (45.4) |
| Acetic acid, Lead(2+) salt | 301042 | Lead acetate | 5000 | 1,4 | U144 | A | 10 (4.54) |
| Acetic acid, thallium (1+) salt | 563688 | Thallium(I) acetate | 1* | 4 | U214 | B | 100 (45.4) |
| Acetic acid, (2,4,5-trichlorophenoxy) | 93765 | 2,4,5-T 2,4,5-T acid | 100 | 1,4 | U232 | C | 1000 (454) |
| Acetic acid, ethyl ester | 141786 | Ethyl acetate | 1* | 4 | U112 | D | 5000 (2270) |
| Acetic acid, fluoro-, sodium salt | 62748 | Fluoroacetic acid, sodium salt | 1* | 4 | P058 | A | 10 (4.54) |
| Acetic anhydride | 108247 | | 1000 | 1 | | D | 5000 (2270) |
| Acetone | 67641 | 2-Propanone | 1* | 4 | U002 | D | 5000 (2270) |
| Acetone cyanohydrin | 75865 | Propanenitrile, Methylactonitrile. | 10 | 1,4 | P069 | A | 10 (4.54) |
| Acetonitrile | 75058 | | 1* | 3,4 | U003 | D | 5000 (2270) |
| Acetophenone | 98862 | Ethanone, 1-phenyl- | 1* | 3,4 | U004 | D | 5000 (2270) |
| 2-Acetylaminofluorene | 53963 | Acetamide, N-9H-fluoren-2-yl- | 1* | 3,4 | U005 | X | 1 (0.454) |
| Acetyl bromide | 506967 | | 5000 | 1 | | D | 5000 (2270) |
| Acetyl chloride | 75365 | | 5000 | 1,4 | U006 | D | 5000 (2270) |
| 1-Acetyl-2-thiourea | 591082 | Acetamide, N-(aminothioxomethyl)- | 1* | 4 | P002 | C | 1000 (454) |
| Acrolein | 107028 | 2-Propenal | 1 | 1,2,3,4 | P003 | X | 1 (0.454) |
| Acrylamide | 79061 | 2-Propenamide | 1* | 3,4 | U007 | D | 5000 (2270) |
| Acrylic acid | 79107 | 2-Propenoic acid | 1* | 3,4 | U008 | D | 5000 (2270) |
| Acrylonitrile | 107131 | 2-Propenenitrile | 100 | 1,2,3,4 | U009 | B | 100 (45.4) |
| Adipic acid | 124049 | | 5000 | 1 | | D | 5000 (2270) |
| Aldicarb | 116063 | Propanal, 2-methyl-2-(methylthio)-O- [(methylamino)carbonyl]oxime. | 1* | 4 | P070 | X | 1 (0.454) |
| Aldrin | 309002 | 1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10- hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha, 4alpha,4abeta,5alpha,8alpha,8abeta)-. | 1 | 1,2,4 | P004 | X | 1 (0.454) |
| Allyl alcohol | 107186 | 2-Propen-1-ol | 100 | 1,4 | P005 | B | 100 (45.4) |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

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|------------------------------------|----------|--|------|-------|------|---|-------------|
| Allyl chloride | 107051 | | 1000 | 1,3 | | C | 1000 (454) |
| Aluminum phosphide | 20859738 | | 1* | 4 | P006 | B | 100 (45.4) |
| Aluminum sulfate | 10043013 | ..... | 5000 | 1 | | D | 5000 (2270) |
| 4-Aminobiphenyl | 92671 | ..... | 1* | 3 | | X | 1 (0.454) |
| 5-(Aminomethyl)-3-isoxazolol | 2763964 | Muscimol 3(2H)-Isoxazolone, 5-(aminomethyl)- | 1* | 4 | P007 | C | 1000 (454) |
| 4-Aminopyridine | 504245 | 4-Pyridinamine | 1* | 4 | P008 | C | 1000 (454) |
| Amitrole | 61825 | 1H-1,2,4-Triazol-3-amine | 1* | 4 | U011 | A | 10 (4.54) |
| Ammonia | 7664417 | ..... | 100 | 1 | | B | 100 (45.4) |
| Ammonium acetate | 631618 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Ammonium benzoate | 1863634 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Ammonium bicarbonate | 1066337 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Ammonium bichromate | 7789095 | ..... | 1000 | 1 | | A | 10 (4.54) |
| Ammonium bifluoride | 1341497 | ..... | 5000 | 1 | | B | 100 (45.4) |
| Ammonium bisulfite | 10192300 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Ammonium carbamate | 1111780 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Ammonium carbonate | 506876 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Ammonium chloride | 12125029 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Ammonium chromate | 7788989 | ..... | 1000 | 1 | | A | 10 (4.54) |
| Ammonium citrate, dibasic | 3012655 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Ammonium fluoborate | 13826830 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Ammonium fluoride | 12125018 | ..... | 5000 | 1 | | B | 100 (45.4) |
| Ammonium hydroxide | 1336216 | ..... | 1000 | 1 | | C | 1000 (454) |
| Ammonium oxalate | 6009707 | ..... | 5000 | 1 | | D | 5000 (2270) |
| | 5972736 | | | | | | |
| | 14258492 | | | | | | |
| Ammonium picrate | 131748 | Phenol, 2,4,6-trinitro-, ammonium salt | 1* | 4 | P009 | A | 10 (4.54) |
| Ammonium silicofluoride | 16919190 | ..... | 1000 | 1 | | C | 1000 (454) |
| Ammonium sulfamate | 7773060 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Ammonium sulfide | 12135761 | ..... | 5000 | 1 | | B | 100 (45.4) |
| Ammonium sulfite | 10196040 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Ammonium tartrate | 14307438 | ..... | 5000 | 1 | | D | 5000 (2270) |
| | 3164292 | | | | | | |
| Ammonium thiocyanate | 1762954 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Ammonium vanadate | 7803556 | Vanadic acid, ammonium salt | 1* | 4 | P119 | C | 1000 (454) |
| Amyl acetate | 628637 | ..... | 1000 | 1 | | D | 5000 (2270) |
| iso-Amyl acetate | 123922 | | | | | | |
| sec-Amyl acetate | 626380 | | | | | | |
| tert-Amyl acetate | 625161 | | | | | | |
| Aniline | 62533 | Benzenamine | 1000 | 1,3,4 | U012 | D | 5000 (2270) |
| o-Anisidine | 90040 | ..... | 1* | 3 | | B | 100 (45.4) |
| Anthracene | 120127 | ..... | 1* | 2 | | D | 5000 (2270) |
| Antimony \ddagger | 7440360 | ..... | 1* | 2 | | D | 5000 (2270) |
| ANTIMONY AND COMPOUNDS | N.A. | Antimony Compounds | 1* | 2,3 | | | ** |
| Antimony Compounds | N.A. | ANTIMONY AND COMPOUNDS | 1* | 2,3 | | | ** |
| Antimony pentachloride | 7647189 | ..... | 1000 | 1 | | C | 1000 (454) |
| Antimony potassium tartrate | 28300745 | ..... | 1000 | 1 | | B | 100 (45.4) |
| Antimony tribromide | 7789619 | ..... | 1000 | 1 | | C | 1000 (454) |
| Antimony trichloride | 10025919 | ..... | 1000 | 1 | | C | 1000 (454) |
| Antimony trifluoride | 7783564 | ..... | 1000 | 1 | | C | 1000 (454) |
| Antimony trioxide | 1309644 | ..... | 5000 | 1 | | C | 1000 (454) |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|--|----------|---|-----------|--------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| Argentate(1-), bis(cyano-C)-, potassium | 506616 | Potassium silver cyanide | 1* | 4 | P099 | X | 1 (0.454) |
| Aroclor 1016 | 12674112 | Aroclors | 10 | 1,2,3 | | X | 1 (0.454) |
| | | PCBs | | | | | |
| | | POLYCHLORINATED BIPHENYLS | | | | | |
| Aroclor 1221 | 11104282 | Aroclors | 10 | 1,2,3 | | X | 1 (0.454) |
| | | PCBs | | | | | |
| | | POLYCHLORINATED BIPHENYLS | | | | | |
| Aroclor 1232 | 11141165 | Aroclors | 10 | 1,2,3 | | X | 1 (0.454) |
| | | PCBs | | | | | |
| | | POLYCHLORINATED BIPHENYLS | | | | | |
| Aroclor 1242 | 53469219 | Aroclors | 10 | 1,2,3 | | X | 1 (0.454) |
| | | PCBs | | | | | |
| | | POLYCHLORINATED BIPHENYLS | | | | | |
| Aroclor 1248 | 12672296 | Aroclors | 10 | 1,2,3 | | X | 1 (0.454) |
| | | PCBs | | | | | |
| | | POLYCHLORINATED BIPHENYLS | | | | | |
| Aroclor 1254 | 11097691 | Aroclors | 10 | 1,2,3 | | X | 1 (0.454) |
| | | PCBs | | | | | |
| | | POLYCHLORINATED BIPHENYLS | | | | | |
| Aroclor 1260 | 11096825 | Aroclors | 10 | 1,2,3 | | X | 1 (0.454) |
| | | PCBs | | | | | |
| | | POLYCHLORINATED BIPHENYLS | | | | | |
| Aroclors | 1336363 | PCBs | 10 | 1,2,3 | | X | 1 (0.454) |
| | | POLYCHLORINATED BIPHENYLS | | | | | |
| Aroclor 1016 | 12674112 | ..... | 10 | 1,2,3 | | X | 1 (0.454) |
| Aroclor 1221 | 11104282 | ..... | 10 | 1,2,3 | | X | 1 (0.454) |
| Aroclor 1232 | 11141165 | ..... | 10 | 1,2,3 | | X | 1 (0.454) |
| Aroclor 1242 | 53469219 | ..... | 10 | 1,2,3 | | X | 1 (0.454) |
| Aroclor 1248 | 12672296 | ..... | 10 | 1,2,3 | | X | 1 (0.454) |
| Aroclor 1254 | 11097691 | ..... | 10 | 1,2,3 | | X | 1 (0.454) |
| Aroclor 1260 | 11096825 | ..... | 10 | 1,2,3 | | X | 1 (0.454) |
| Arsenic ‡ | 7440382 | ..... | 1* | 2,3 | | X | 1 (0.454) |
| Arsenic acid | 1327522 | Arsenic acid H ₃ AsO ₃ | 1* | 4 | P010 | X | 1 (0.454) |
| | 7778394 | ..... |  |  |  |  |  |
| Arsenic acid H ₃ AsO ₄ | 1327522 | Arsenic acid | 1* | 4 | P010 | X | 1 (0.454) |
| | 7778394 | ..... |  |  |  |  |  |
| ARSENIC AND COMPOUNDS | N.A. | Arsenic Compounds (inorganic including ar- sine) | 1* | 2,3 | | | ** |
| Arsenic Compounds (inorganic including arsine) | N.A. | ARSENIC AND COMPOUNDS | 1* | 2,3 | | | ** |
| Arsenic disulfide | 1303328 | ..... | 5000 | 1 | | X | 1 (0.454) |
| Arsenic oxide As ₂ O ₃ | 1327533 | Arsenic trioxide | 5000 | 1,4 | P012 | X | 1 (0.454) |

286

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

| | | | | | | | |
|---|----------|---|------|---------|------|---|-------------|
| Arsenic oxide As ₂ O ₅ | 1303282 | Arsenic pentoxide | 5000 | 1,4 | P011 | X | 1 (0.454) |
| Arsenic pentoxide | 1303282 | Arsenic oxide As ₂ O ₅ | 5000 | 1,4 | P011 | X | 1 (0.454) |
| Arsenic trichloride | 7784341 | ..... | 5000 | 1 | | X | 1 (0.454) |
| Arsenic trioxide | 1327533 | Arsenic oxide As ₂ O ₃ | 5000 | 1,4 | P012 | X | 1 (0.454) |
| Arsenic trisulfide | 1303339 | ..... | 5000 | 1 | | X | 1 (0.454) |
| Arsine, diethyl- | 692422 | Diethylarsine | 1* | 4 | P038 | X | 1 (0.454) |
| Arsinic acid, dimethyl- | 75605 | Cacodylic acid | 1* | 4 | U136 | X | 1 (0.454) |
| Arsonous dichloride, phenyl- | 696286 | Dichlorophenylarsine | 1* | 4 | P036 | X | 1 (0.454) |
| Asbestos †† | 1332214 | ..... | 1* | 2,3 | | X | 1 (0.454) |
| Auramine | 492808 | Benzenamine, 4,4'-carbonimidoylbis (N,N-dimethyl- | 1* | 4 | U014 | B | 100 (45.4) |
| ..... |  | L-Serine, diazoacetate (ester) | 1* | 4 | U015 | X | 1 (0.454) |
| Azaserine | 115026 | Ethyleneimine | 1* | 3,4 | P054 | X | 1 (0.454) |
| Aziridine | 151564 | 2-Methyl aziridine 1,2-Propylenimine | 1* | 3,4 | P067 | X | 1 (0.454) |
| Aziridine, 2-methyl- | 75558 | Mitomycin C | 1* | 4 | U010 | A | 10 (4.54) |
| 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,8aalpha,8balpha)]- | 50077 | ..... |  |  |  |  |  |
| Barium cyanide | 542621 | ..... | 10 | 1,4 | P013 | A | 10 (4.54) |
| Benz[<i>l</i>]aceanthrylene, 1,2-dihydro-3-methyl- | 56495 | 3-Methylcholanthrene | 1* | 4 | U157 | A | 10 (4.54) |
| Benz[<i>c</i>]acridine | 225514 | ..... | 1* | 4 | U016 | B | 100 (45.4) |
| Benzal chloride | 98873 | Benzene, dichloromethyl- | 1* | 4 | U017 | D | 5000 (2270) |
| Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)- | 23950585 | Pronamide | 1* | 4 | U192 | D | 5000 (2270) |
| Benz[<i>a</i>]anthracene | 56553 | Benzo[<i>a</i>]anthracene | 1* | 2,4 | U018 | A | 10 (4.54) |
| ..... |  | 1,2-Benzanthracene | | | | | |
| 1,2-Benzanthracene | 56553 | Benzo[<i>a</i>]anthracene | 1* | 2,4 | U018 | A | 10 (4.54) |
| ..... |  | Benzo[<i>a</i>]anthracene | | | | | |
| Benzo[<i>a</i>]anthracene, 7,12-dimethyl- | 57976 | 7,12-Dimethylbenzo[<i>a</i>]anthracene | 1* | 4 | U094 | X | 1 (0.454) |
| Benzenamine | 62533 | Aniline | 1000 | 1,3,4 | U012 | D | 5000 (2270) |
| Benzenamine, 4,4'-carbonimidoylbis (N,N-dimethyl- | 492808 | Auramine | 1* | 4 | U014 | B | 100 (45.4) |
| Benzenamine, 4-chloro- | 106478 | p-Chloroaniline | 1* | 4 | P024 | C | 1000 (454) |
| Benzenamine, 4-chloro-2-methyl-, hydrochloride | 3165933 | 4-Chloro-o-toluidine, hydrochloride | 1* | 4 | U049 | B | 100 (45.4) |
| Benzenamine, N,N-dimethyl-4-(phenylazo)- | 60117 | Dimethyl aminoazobenzene | 1* | 3,4 | U093 | A | 10 (4.54) |
| ..... |  | p-Dimethylaminoazobenzene | | | | | |
| Benzenamine, 2-methyl- | 95534 | o-Toluidine | 1* | 3,4 | U328 | B | 100 (45.4) |
| Benzenamine, 4-methyl- | 106490 | p-Toluidine | 1* | 4 | U353 | B | 100 (45.4) |
| Benzenamine, 4,4'-methylenebis(2-chloro- | 101144 | 4,4'-Methylenebis(2-chloroaniline) | 1* | 3,4 | U158 | A | 10 (4.54) |
| Benzenamine, 2-methyl-, hydrochloride | 636215 | o-Toluidine hydrochloride | 1* | 4 | U222 | B | 100 (45.4) |
| Benzenamine, 2-methyl-5-nitro- | 99558 | 5-Nitro-o-toluidine | 1* | 4 | U181 | B | 100 (45.4) |
| Benzenamine, 4-nitro- | 100016 | p-Nitroaniline | 1* | 4 | P077 | D | 5000 (2270) |
| Benzene* | 71432 | ..... | 1000 | 1,2,3,4 | U109 | A | 10 (4.54) |
| Benzeneacetic acid, 4-chloro-α-(4-chlorophenyl)-α-hydroxy-, ethyl ester | 510156 | Chlorobenzilate | 1* | 3,4 | U038 | A | 10 (4.54) |
| Benzene, 1-bromo-4-phenoxy- | 101553 | 4-Bromophenyl phenyl ether | 1* | 2,4 | U030 | B | 100 (45.4) |
| Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- | 305033 | Chlorambucil | 1* | 4 | U035 | A | 10 (4.54) |
| Benzene, chloro- | 108907 | Chlorobenzene | 100 | 1,2,3,4 | U037 | B | 100 (45.4) |
| Benzene, chloromethyl- | 100447 | Benzyl chloride | 100 | 1,3,4 | P028 | B | 100 (45.4) |
| Benzenediamine, ar-methyl- | 95807 | Toluenediamine | 1* | 3,4 | U221 | A | 10 (4.54) |
| ..... | 496720 | 2,4-Toluene diamine | | | | | |
| ..... | 823405 | ..... |  |  |  |  |  |
| ..... | 25376458 | ..... |  |  |  |  |  |
| 1,2-Benzenedicarboxylic acid, dioctyl ester | 117840 | Di-n-octyl phthalate | 1* | 2,4 | U107 | D | 5000 (2270) |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|---|----------|--|-----------|---------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester | 117817 | Bis(2-ethylhexyl)phthalate | 1* | 2,3,4 | U028 | B | 100 (45.4) |
| | | DEHP | | | | | |
| 1,2-Benzenedicarboxylic acid, dibutyl ester | 84742 | Diethylhexyl phthalate | | | | | |
| | | n-Butyl phthalate | 100 | 1,2,3,4 | U069 | A | 10 (4.54) |
| | | Dibutyl phthalate | | | | | |
| | | Di-n-butyl phthalate | | | | | |
| 1,2-Benzenedicarboxylic acid, diethyl ester | 84662 | Diethyl phthalate | 1* | 2,4 | U088 | C | 1000 (454) |
| 1,2-Benzenedicarboxylic acid, dimethyl ester | 131113 | Dimethyl phthalate | 1* | 2,3,4 | U102 | D | 5000 (2270) |
| Benzene, 1,2-dichloro- | 95501 | o-Dichlorobenzene | 100 | 1,2,4 | U070 | B | 100 (45.4) |
| | | 1,2-Dichlorobenzene | | | | | |
| Benzene, 1,3-dichloro- | 541731 | m-Dichlorobenzene | 1* | 2,4 | U071 | B | 100 (45.4) |
| | | 1,3-Dichlorobenzene | | | | | |
| Benzene, 1,4-dichloro- | 106467 | p-Dichlorobenzene | 100 | 1,2,3,4 | U072 | B | 100 (45.4) |
| | | 1,4-Dichlorobenzene | | | | | |
| Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro- | 72548 | DDD | 1 | 1,2,4 | U060 | X | 1 (0.454) |
| | | TDE | | | | | |
| | | 4,4' DDD | | | | | |
| Benzene, dichloromethyl- | 98873 | Benzal chloride | 1* | 4 | U017 | D | 5000 (2270) |
| Benzene, 1,3-diisocyanatomethyl- | 91087 | Toluene diisocyanate | 1* | 3,4 | U223 | B | 100 (45.4) |
| | 584849 | 2,4-Toluene diisocyanate | | | | | |
| | 26471625 | | | | | | |
| Benzene, dimethyl- | 1330207 | Xylene | 1000 | 1,3,4 | U239 | B | 100 (45.4) |
| | | Xylene (mixed) | | | | | |
| | | Xylenes (isomers and mixture) | | | | | |
| Benzene,m-dimethyl- | 108383 | m-Xylene | 1* | 3 | | C | 1000 (454) |
| Benzene, o-dimethyl- | 95476 | o-Xylene | 1* | 3 | | C | 1000 (454) |
| Benzene, p-dimethyl- | 106423 | p-Xylene | 1* | 3 | | B | 100 (45.4) |
| 1,3-Benzenediol | 108463 | Resorcinol | 1000 | 1,4 | U201 | D | 5000 (2270) |
| 1,2-Benzenediol,4-[1-hydroxy-2-(methylamino)ethyl]- | 51434 | Epinephrine | 1* | 4 | P042 | C | 1000 (454) |
| Benzeneethanamine, alpha,alpha-dimethyl- | 122098 | alpha,alpha-Dimethylphenethylamine | 1* | 4 | P046 | D | 5000 (2270) |
| Benzene, hexachloro- | 118741 | Hexachlorobenzene | 1* | 2,3,4 | U127 | A | 10 (4.54) |
| Benzene, hexahydro- | 110827 | Cyclohexane | 1000 | 1,4 | U056 | C | 1000 (454) |
| Benzene, hydroxy- | 108952 | Phenol | 1000 | 1,2,3,4 | U188 | C | 1000 (454) |
| Benzene, methyl- | 108883 | Toluene | 1000 | 1,2,3,4 | U220 | C | 1000 (454) |
| Benzene, 2-methyl-1,3-dinitro- | 606202 | 2,6-Dinitrotoluene | 1000 | 1,2,4 | U106 | B | 100 (45.4) |
| Benzene, 1-methyl-2,4-dinitro- | 121142 | 2,4-Dinitrotoluene | 1000 | 1,2,3,4 | U105 | A | 10 (4.54) |
| Benzene, (1-methylethyl)- | 98828 | Cumene | 1* | 3,4 | U055 | D | 5000 (2270) |
| Benzene, nitro- | 98953 | Nitrobenzene | 1000 | 1,2,3,4 | U169 | C | 1000 (454) |
| Benzene, pentachloro- | 608935 | Pentachlorobenzene | 1* | 4 | U183 | A | 10 (4.54) |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

| | | | | | | | |
|--|----------|--|------|-------|------|---|-------------|
| Benzene, pentachloronitro- | 82688 | PCNB | 1* | 3,4 | U185 | B | 100 (45.4) |
| | | Pentachloronitrobenzene | | | | | |
| | | Quintobenzene | | | | | |
| Benzenesulfonic acid chloride | 98099 | Benzenesulfonyl chloride | 1* | 4 | U020 | B | 100 (45.4) |
| Benzenesulfonyl chloride | 98099 | Benzenesulfonic acid chloride | 1* | 4 | U020 | B | 100 (45.4) |
| Benzene, 1,2,4,5-tetrachloro- | 95943 | 1,2,4,5-Tetrachlorobenzene | 1* | 4 | U207 | D | 5000 (2270) |
| Benzenethiol | 108985 | Thiophenol | 1* | 4 | P014 | B | 100 (45.4) |
| Benzene, 1,1'-(2,2,2-tri- chloroethylidene)bis[4-chloro- | 50293 | DDT | 1 | 1,2,4 | U061 | X | 1 (0.454) |
| | | 4,4'DDT | | | | | |
| Benzene, 1,1'-(2,2,2-trichloroethylidene) bis[4-methoxy- | 72435 | Methoxychlor | 1 | 1,3,4 | U247 | X | 1 (0.454) |
| Benzene, (trichloromethyl)- | 98077 | Benzotrichloride | 1* | 3,4 | U023 | A | 10 (4.54) |
| Benzene, 1,3,5-trinitro- | 99354 | 1,3,5-Trinitrobenzene | 1* | 4 | U234 | A | 10 (4.54) |
| Benzidine | 92875 | [1,1'-Biphenyl]-4,4'-diamine | 1* | 2,3,4 | U021 | X | 1 (0.454) |
| 1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide | 81072 | Saccharin and salts | 1* | 4 | U202 | B | 100 (45.4) |
| Benzo[a]anthracene | 56553 | Benzo[a]anthracene | 1* | 2,4 | U018 | A | 10 (4.54) |
| | | 1,2-Benzanthracene | | | | | |
| Benzo[b]fluoranthene | 205992 | ..... | 1* | 2 | | X | 1 (0.454) |
| Benzo(k)fluoranthene | 207089 | ..... | 1* | 2 | | D | 5000 (2270) |
| Benzo[j,k]fluorene | 206440 | Fluoranthene | 1* | 2,4 | U120 | B | 100 (45.4) |
| 1,3-Benzodioxol-4-ol, 2,2-dimethyl-, (Bendiocarb phenol) | 22961826 | ..... | 1* | 4 | U364 | | ## |
| 1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate (Bendiocarb) | 22781233 | ..... | 1* | 4 | U278 | | ## |
| 1,3-Benzodioxole, 5-(1-propenyl)- | 120581 | Isosafrole | 1* | 4 | U141 | B | 100 (45.4) |
| 1,3-Benzodioxole, 5-(2-propenyl)- | 94597 | Safrole | 1* | 4 | U203 | B | 100 (45.4) |
| 1,3-Benzodioxole, 5-propyl- | 94586 | Dihydrosafrole | 1* | 4 | U090 | A | 10 (4.54) |
| 7-Benzofuranol, 2,3-dihydro-2,2-dimethyl- (Carbofuran phenol) | 1563388 | ..... | 1* | 4 | U367 | | ## |
| Benzoic acid | 65850 | ..... | 5000 | 1 | | D | 5000 (2270) |
| 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). | 57647 | ..... | 1* | 4 | P188 | | ## |
| Benzonitrile | 100470 | ..... | 1000 | 1 | | D | 5000 (2270) |
| Benzo [rst]pentaphene | 189559 | Dibenz[a,i]pyrene | 1* | 4 | U064 | A | 10 (4.54) |
| Benzo[ghi]perylene | 191242 | ..... | 1* | 2 | | D | 5000 (2270) |
| 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenyl-butyl)-, & salts, when present at concentrations greater than 0.3% | 81812 | Warfarin, & salts, when present at concentrations greater than 0.3%. | 1* | 4 | P001 | B | 100 (45.4) |
| Benzo[a]pyrene | 50328 | 3,4-Benzopyrene | 1* | 2,4 | U022 | X | 1 (0.454) |
| 3,4-Benzopyrene | 50328 | Benzo[a]pyrene | 1* | 2,4 | U022 | X | 1 (0.454) |
| p-Benzoquinone | 106514 | 2,5-Cyclohexadiene-1,4-dione | 1* | 3,4 | U197 | A | 10 (4.54) |
| | | Quinone | | | | | |
| Benzotrichloride | 98077 | Benzene, (trichloromethyl)- | 1* | 3,4 | U023 | A | 10 (4.54) |
| Benzoyl chloride | 98884 | ..... | 1000 | 1 | | C | 1000 (454) |
| 1,2-Benzphenanthrene | 218019 | Chrysene | 1* | 2,4 | U050 | B | 100 (45.4) |
| Benzyl chloride | 100447 | Benzene, chloromethyl- | 100 | 1,3,4 | P028 | B | 100 (45.4) |
| BERYLLIUM AND COMPOUNDS | N.A. | Beryllium Compounds | 1* | 2,3 | | | ** |
| Beryllium Compounds | N.A. | BERYLLIUM AND COMPOUNDS | 1* | 2,3 | | | ** |
| Beryllium chloride | 7787475 | ..... | 5000 | 1 | | X | 1 (0.454) |
| Beryllium fluoride | 7787497 | ..... | 5000 | 1 | | X | 1 (0.454) |
| Beryllium nitrate | 13597994 | ..... | 5000 | 1 | | X | 1 (0.454) |
| | 7787555 | ..... |  |  |  |  |  |
| Beryllium powder ‡ | 7440417 | Beryllium ‡ | 1* | 2,3,4 | P015 | A | 10 (4.54) |
| alpha-BHC | 319846 | ..... | 1* | 2 | | A | 10 (4.54) |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|---|----------|--|-----------|---------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| beta—BHC | 319857 | ..... | 1* | 2 | | X | 1 (0.454) |
| delta—BHC | 319868 | ..... | 1* | 2 | | X | 1 (0.454) |
| γ-BHC | 58899 | Cyclohexane, 1,2,3,4,5,6-hexa chloro- (1α, 2α, 3β, 4α, 5α, 6β)- Hexachlorocyclohexane (gamma isomer) Lindane | 1 | 1,2,3,4 | U129 | X | 1 (0.454) |
| 2,2'-Bioxirane | 1464535 | 1,2:3,4-Diepoxybutane | 1* | 4 | U085 | A | 10 (4.54) |
| (1,1'-Biphenyl)-4,4'diamine | 92875 | Benzidine | 1* | 2,4 | U021 | X | 1 (0.454) |
| [1,1'-Biphenyl]-4,4'diamine,3,3'dichloro- | 91941 | 3,3'-Dichlorobenzidine | 1* | 2,4 | U073 | X | 1 (0.454) |
| [1,1'-Biphenyl]-4,4'diamine,3,3'dimethoxy- | 119904 | 3,3'-Dimethoxybenzidine | 1* | 4 | U091 | B | 100 (45.4) |
| [1,1'Biphenyl]-4,4'-diamine,3,3'-dimethyl- | 119937 | 3,3'-Dimethylbenzidine | 1* | 4 | U095 | A | 10 (4.54) |
| Biphenyl | 92524 | ..... | 1* | 3 | | B | 100 (45.4) |
| Bis (2-chloroethyl) ether | 111444 | Dichloroethyl ether | 1* | 2,4 | U025 | A | 10 (4.54) |
| Bis(2-chloroethoxy) methane | 111911 | Ethane,1,1'-oxybis[2-chloro- Dichloromethoxy ethane | 1* | 2,4 | U024 | C | 1000 (454) |
| Bis (2-ethylhexyl)phthalate | 117817 | Ethane, 1,1'-[methylenebis(oxy)]bis(2-chloro- Diethylhexyl phthalate | 1* | 2,4 | U028 | B | 100 (45.4) |
| Bromoacetone | 598312 | 2-Propanone, 1-bromo- | 1* | 4 | P017 | C | 1000 (454) |
| Bromoform | 75252 | Methane, tribromo- | 1* | 2,4 | U225 | B | 100 (45.4) |
| 4-Bromophenyl phenyl ether | 101553 | Benzene, 1-bromo-4-phenoxy- | 1* | 2,4 | U030 | B | 100 (45.4) |
| Brucine | 357573 | Strychnidin-10-one, 2,3-dimethoxy- | 1* | 4 | P018 | B | 100 (45.4) |
| 1,3-Butadiene, 1,1,2,3,4,4-hexachloro- | 87683 | Hexachlorobutadiene | 1* | 2,4 | U128 | X | 1 (0.454) |
| 1,3-Butadiene | 106990 | ..... | 1* | 3 | | A | 10 (4.54) |
| 1-Butanamine, N-butyl-N-nitroso- | 924163 | N-Nitrosodi-n-butylamine | 1* | 4 | U172 | A | 10 (4.54) |
| 1-Butanol | 71363 | n-Butyl alcohol | 1* | 4 | U031 | D | 5000 (2270) |
| 2-Butanone | 78933 | MEK | 1* | 3,4 | U159 | D | 5000 (2270) |
| 2-Butanone peroxide | 1338234 | Methyl ethyl ketone Methyl ethyl ketone peroxide | 1* | 4 | U160 | A | 10 (4.54) |
| 2-Butanone, 3,3-dimethyl-1-(methylthio)-, O[(methylamino)carbonyl] oxime. | 39196184 | Thiofanox | 1* | 4 | P045 | B | 100 (45.4) |
| 2-Butenal | 123739 | Crotonaldehyde | 100 | 1,4 | U053 | B | 100 (45.4) |
| 2-Butene, 1,4-dichloro- | 4170303 | ..... |  |  |  |  |  |
| 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]]- | 764410 | 1,4-Dichloro-2-butene | 1* | 4 | U074 | X | 1 (0.454) |
| | 303344 | Lasiocarpine | 1* | 4 | U143 | A | 10 (4.54) |
| Butyl acetate | 123864 | ..... | 5000 | 1 | | D | 5000 (2270) |
| iso-Butyl acetate | 110190 | ..... |  |  |  |  |  |
| sec-Butyl acetate | 105464 | ..... |  |  |  |  |  |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

| | | | | | | | | | |
|---|----------|---|------|---------|------|---|-------------|--|--|
| tert-Butyl acetate | 540885 | | | | | | | | |
| n-Butyl alcohol | 71363 | 1-Butanol | 1* | 4 | U031 | D | 5000 (2270) | | |
| Butylamine | 109739 | | 1000 | 1 | | C | 1000 (454) | | |
| iso-Butylamine | 78819 | | | | | | | | |
| sec-Butylamine | 513495 | | | | | | | | |
| | 13952846 | | | | | | | | |
| tert-Butylamine | 75649 | | | | | | | | |
| Butyl benzyl phthalate | 85687 | | 1* | 2 | | B | 100 (45.4) | | |
| η-Butyl phthalate | 84742 | 1,2-Benzenedicarboxylic acid, dibutyl ester | 100 | 1,2,3,4 | U069 | A | 10 (4.54) | | |
| | | Dibutyl phthalate | | | | | | | |
| | | Di-n-butyl phthalate | | | | | | | |
| Butyric acid | 107926 | | 5000 | 1 | | D | 5000 (2270) | | |
| iso-Butyric acid | 79312 | | | | | | | | |
| Cacodylic acid | 75605 | Arsinic acid, dimethyl- | 1* | 4 | U136 | X | 1 (0.454) | | |
| Cadmium † | 7440439 | | 1* | 2 | | A | 10 (4.54) | | |
| Cadmium acetate | 543908 | | 100 | 1 | | A | 10 (4.54) | | |
| CADMIUM AND COMPOUNDS | N.A. | Cadmium Compounds | 1* | 2,3 | | | ** | | |
| Cadmium Compounds | N.A. | CADMIUM AND COMPOUNDS | 1* | 2,3 | | | ** | | |
| Cadmium bromide | 7789426 | | 100 | 1 | | A | 10 (4.54) | | |
| Cadmium chloride | 10108642 | | 100 | 1 | | A | 10 (4.54) | | |
| Calcium arsenate | 7778441 | | 1000 | 1 | | X | 1 (0.454) | | |
| Calcium arsenite | 52740166 | | 1000 | 1 | | X | 1 (0.454) | | |
| Calcium carbide | 75207 | | 5000 | 1 | | A | 10 (4.54) | | |
| Calcium chromate | 13765190 | Chromic acid H ₂ CrO ₄ , calcium salt | 1000 | 1,4 | U032 | A | 10 (4.54) | | |
| Calcium cyanamide | 156627 | | 1* | 3 | | C | 1000 (454) | | |
| Calcium cyanide | 592018 | Calcium cyanide Ca(CN) ₂ | 10 | 1,4 | P021 | A | 10 (4.54) | | |
| Calcium cyanide Ca(CN) ₂ | 592018 | Calcium cyanide | 10 | 1,4 | P021 | A | 10 (4.54) | | |
| Calcium dodecylbenzenesulfonate | 26264062 | | 1000 | 1 | | C | 1000 (454) | | |
| Calcium hypochlorite | 7778543 | | 100 | 1 | | A | 10 (4.54) | | |
| Camphene, octachloro- | 8001352 | Chlorinated camphene | 1 | 1,2,3,4 | P123 | X | 1 (0.454) | | |
| | | Toxaphene | | | | | | | |
| Captan | 133062 | | 10 | 1,3 | | A | 10 (4.54) | | |
| Carbamic acid, [1-[(butylamino)carbonyl]-1H-benzimidazol-2-yl, methyl ester (Benomyl) | 17804352 | | 1* | 4 | U271 | | ## | | |
| Carbamic acid, 1H-benzimidazol-2-yl, methyl ester (Carbendazim) | 10605217 | | 1* | 4 | U372 | | ## | | |
| Carbamic acid, (3-chlorophenyl)-, 4-chloro-2-butynyl ester (Barban) | 101279 | | 1* | 4 | U280 | | ## | | |
| Carbamic acid, [(dibutylamino)thio]methyl-, 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ester (Carbosulfan) | 55285148 | | 1* | 4 | P189 | | ## | | |
| Carbamic acid, dimethyl-,1- [(dimethylamino)carbonyl]-5-methyl-1H-pyrazol-3-yl ester (Dimetilan) | 644644 | | 1* | 4 | P191 | | ## | | |
| Carbamic acid, dimethyl-, 3-methyl-1-(1-methylethyl)-1H-pyrazol-5-yl ester (Isolan) | 119380 | | 1* | 4 | P192 | | ## | | |
| Carbamic acid, ethyl ester | 51796 | Ethyl carbamate | 1* | 3,4 | U238 | B | 100 (45.4) | | |
| | | Urethane | | | | | | | |
| Carbamic acid, methylnitroso-, ethyl ester | 615532 | N-Nitroso-N-methylurethane | 1* | 4 | U178 | X | 1 (0.454) | | |
| Carbamic acid, methyl-, 3-methylphenyl ester (Metolcarb) | 1129415 | | 1* | 4 | P190 | | ## | | |
| Carbamic acid, [1,2- phenylenebis(iminocarbonothioyl)]bis-, dimethyl ester (Thiophanate-methyl) | 23564058 | | 1* | 4 | U409 | | ## | | |
| Carbamic acid, phenyl-, 1-methylethyl ester (Propham) | 122429 | | 1* | 4 | U373 | | ## | | |
| Carbamic chloride, dimethyl- | 79447 | Dimethylcarbamoyl chloride | 1* | 3,4 | U097 | X | 1 (0.454) | | |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|--|----------|--|-----------|---------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| Carbamodithioic acid, 1,2-ethanediybis, salts & esters | 111546 | Ethylenebisdithiocarbamic acid, salts & esters .. | 1* | 4 | U114 | D | 5000 (2270) |
| Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester | 2303164 | Diallate | 1* | 4 | U062 | B | 100 (45.4) |
| Carbamothioic acid, bis(1-methylethyl)-, S-(2,3,3-trichloro-2-propenyl) ester (Triallate). | 2303175 | ..... | 1* | 4 | U389 | | ## |
| Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester (Prosulfocarb) | 52888809 | ..... | 1* | 4 | U387 | | ## |
| Carbaryl | 63252 | ..... | 100 | 1,3 | | B | 100 (45.4) |
| Carbofuran | 1563662 | ..... | 10 | 1 | | A | 10 (4.54) |
| Carbon disulfide | 75150 | ..... | 5000 | 1,3,4 | P022 | B | 100 (45.4) |
| Carbon oxyfluoride | 353504 | Carbonic difluoride | 1* | 4 | U033 | C | 1000 (454) |
| Carbonic acid, dithallium(1+) salt | 6533739 | Thallium(I) carbonate | 1* | 4 | U215 | B | 100 (45.4) |
| Carbonic dichloride | 75445 | Phosgene | 5000 | 1,3,4 | P095 | A | 10 (4.54) |
| Carbonic difluoride | 353504 | Carbon oxyfluoride | 1* | 4 | U033 | C | 1000 (454) |
| Carbonochloridic acid, methyl ester | 79221 | Methyl chlorocarbonate | 1* | 4 | U156 | C | 1000 (454) |
| Carbon tetrachloride | 56235 | Methyl chloroformate | | | | | |
| Carbonyl sulfide | 463581 | Methane, tetrachloro- | 5000 | 1,2,3,4 | U211 | A | 10 (4.54) |
| Catechol | 120809 | ..... | 1* | 3 | | B | 100 (45.4) |
| Chloral | 75876 | Acetaldehyde, trichloro- | 1* | 4 | U034 | D | 5000 (2270) |
| Chloramben | 133904 | ..... | 1* | 3 | | B | 100 (45.4) |
| Chlorambucil | 305033 | Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- | 1* | 4 | U035 | A | 10 (4.54) |
| Chlordane | 57749 | Chlordane, alpha & gamma isomers | 1 | 1,2,3,4 | U036 | X | 1 (0.454) |
| CHLORDANE (TECHNICAL MIXTURE AND METABOLITES) | N.A. | CHLORDANE (TECHNICAL MIXTURE AND METABOLITES) | | | | | |
| Chlordane, alpha & gamma isomers | 57749 | 4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro- | 1* | 2 | | | ** |
| CHLORDANE (TECHNICAL MIXTURE AND METABOLITES) | 57749 | Chlordane | 1 | 1,2,3,4 | U036 | X | 1 (0.454) |
| CHLORDANE (TECHNICAL MIXTURE AND METABOLITES) | 57749 | CHLORDANE (TECHNICAL MIXTURE AND METABOLITES) | | | | | |
| Chlorinated benzenes | N.A. | 4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro- | 1* | 2 | | | ** |
| Chlorinated camphene | 8001352 | Chlordane, alpha & gamma isomers | 1 | 1,2,3,4 | P123 | X | 1 (0.454) |
| CHLORINATED ETHANES | N.A. | 4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro- | 1* | 2 | | | ** |
| | | Camphene, octachloro- | 1 | 1,2,3,4 | | | |
| | | Toxaphene | 1* | 2 | | | ** |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

| | | | | | | | |
|---|----------|------|---------|------|--|---|-------------|
| CHLORINATED NAPHTHALENE | N.A. | 1* | 2 | | | | ** |
| CHLORINATED PHENOLS | N.A. | 1* | 2 | | | | ** |
| Chlorine | 7782505 | 10 | 1,3 | | | A | 10 (4.54) |
| Chlornaphazine | 494031 | 1* | 4 | U026 | | B | 100 (45.4) |
| Chloroacetaldehyde | 107200 | 1* | 4 | P023 | | C | 1000 (454) |
| Chloroacetic acid | 79118 | 1* | 3 | | | B | 100 (45.4) |
| 2-Chloroacetophenone | 532274 | 1* | 3 | | | B | 100 (45.4) |
| CHLOROALKYL ETHERS | N.A. | 1* | 2 | | | | ** |
| p-Chloroaniline | 106478 | 1* | 4 | P024 | | C | 1000 (454) |
| Chlorobenzene | 108907 | 100 | 1,2,3,4 | U037 | | B | 100 (45.4) |
| Chlorobenzilate | 510156 | 1* | 3,4 | U038 | | A | 10 (4.54) |
| 4-Chloro-m-cresol | 59507 | 1* | 2,4 | U039 | | D | 5000 (2270) |
| p-Chloro-m-cresol | 59507 | 1* | 2,4 | U039 | | D | 5000 (2270) |
| Chloroethane | 75003 | 1* | 2,3 | | | B | 100 (45.4) |
| Chlorodibromomethane | 124481 | 1* | 2 | | | B | 100 (45.4) |
| 1-Chloro-2,3-epoxypropane | 106898 | 1000 | 1,3,4 | U041 | | B | 100 (45.4) |
| 2-Chloroethyl vinyl ether | 110758 | 1* | 2,4 | U042 | | C | 1000 (454) |
| Chloroform | 67663 | 5000 | 1,2,3,4 | U044 | | A | 10 (4.54) |
| Chloromethane | 74873 | 1* | 2,3,4 | U045 | | B | 100 (45.4) |
| Chloromethyl methyl ether | 107302 | 1* | 3,4 | U046 | | A | 10 (4.54) |
| beta-Chloronaphthalene | 91587 | 1* | 2,4 | U047 | | D | 5000 (2270) |
| 2-Chloronaphthalene | 91587 | 1* | 2,4 | U047 | | D | 5000 (2270) |
| 2-Chlorophenol | 95578 | 1* | 2,4 | U048 | | B | 100 (45.4) |
| o-Chlorophenol | 95578 | 1* | 2,4 | U048 | | B | 100 (45.4) |
| 4-Chlorophenyl phenyl ether | 7005723 | 1* | 2 | | | D | 5000 (2270) |
| 1-(o-Chlorophenyl)thiourea | 5344821 | 1* | 4 | P026 | | B | 100 (45.4) |
| Chloroprene | 126998 | 1* | 3 | | | B | 100 (45.4) |
| 3-Chloropropionitrile | 542767 | 1* | 4 | P027 | | C | 1000 (454) |
| Chlorosulfonic acid | 7790945 | 1000 | 1 | | | C | 1000 (454) |
| 4-Chloro-o-toluidine, hydrochloride | 3165933 | 1* | 4 | U049 | | B | 100 (45.4) |
| Chlorpyrifos | 2921882 | 1 | 1 | | | X | 1 (0.454) |
| Chromic acetate | 1066304 | 1000 | 1 | | | C | 1000 (454) |
| Chromic acid | 11115745 | 1000 | 1 | | | A | 10 (4.54) |
| Chromic acid H ₂ CrO ₄ , calcium salt | 13765190 | 1000 | 1,4 | U032 | | A | 10 (4.54) |
| Chromic sulfate | 10101538 | 1000 | 1 | | | C | 1000 (454) |
| Chromium ‡ | 7440473 | 1* | 2 | | | D | 5000 (2270) |
| CHROMIUM AND COMPOUNDS | N.A. | 1* | 2,3 | | | | ** |
| Chromium Compounds | N.A. | 1* | 2,3 | | | | ** |
| Chromous chloride | 10049055 | 1000 | 1 | | | C | 1000 (454) |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|--|----------|---|-----------|--------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| Chrysene | 218019 | 1,2-Benzphenanthrene | 1* | 2,4 | U050 | B | 100 (45.4) |
| Cobalt compounds | N.A. | ..... | 1* | 3 | | | ** |
| Cobaltous bromide | 7789437 | ..... | 1000 | 1 | | C | 1000 (454) |
| Cobaltous formate | 544183 | ..... | 1000 | 1 | | C | 1000 (454) |
| Cobaltous sulfamate | 14017415 | ..... | 1000 | 1 | | C | 1000 (454) |
| Coke Oven Emissions | N.A. | ..... | 1* | 3 | | X | 1 (0.454) |
| Copper ‡ | 7440508 | ..... | 1* | 2 | | D | 5000 (2270) |
| COPPER AND COMPOUNDS | N.A. | ..... | 1* | 2 | | | ** |
| Copper cyanide | 544923 | Copper cyanide CuCN | 1* | 4 | P029 | A | 10 (4.54) |
| Copper cyanide CuCN | 544923 | Copper cyanide | 1* | 4 | P029 | A | 10 (4.54) |
| Coumaphos | 56724 | ..... | 10 | 1 | | A | 10 (4.54) |
| Cresote | 8001589 | ..... | 1* | 4 | U051 | X | 1 (0.454) |
| Cresols (isomers and mixture) | 1319773 | Cresylic acid (isomers and mixture) | 1000 | 1,3,4 | U052 | B | 100 (45.4) |
| | | Phenol, methyl | | | | | |
| m-Cresol | 108394 | m-Cresylic acid | 1* | 3 | | B | 100 (45.4) |
| o-Cresol | 95487 | o-Cresylic acid | 1* | 3 | | B | 100 (45.4) |
| p-Cresol | 106445 | p-Cresylic acid | 1* | 3 | | B | 100 (45.4) |
| Cresylic acid (isomers and mixture) | 1319773 | Cresols (isomers and mixture) | 1000 | 1,3,4 | U052 | B | 100 (45.4) |
| | | Phenol, methyl | | | | | |
| m-Cresylic acid | 108394 | m-Cresol | 1* | 3 | | B | 100 (45.4) |
| o-Cresylic acid | 95487 | o-Cresol | 1* | 3 | | B | 100 (45.4) |
| p-Cresylic acid | 106445 | p-Cresol | 1* | 3 | | B | 100 (45.4) |
| Crotonaldehyde | 123739 | 2-Butenal | 100 | 1,4 | U053 | B | 100 (45.4) |
| | 4170303 | ..... |  |  |  |  |  |
| Cumene | 98828 | Benzene, (1-methylethyl)-..... | 1* | 3,4 | U055 | D | 5000 (2270) |
| Cupric acetate | 142712 | ..... | 100 | 1 | | B | 100 (45.4) |
| Cupric acetoarsenite | 12002038 | ..... | 100 | 1 | | X | 1 (0.454) |
| Cupric chloride | 7447394 | ..... | 10 | 1 | | A | 10 (4.54) |
| Cupric nitrate | 3251238 | ..... | 100 | 1 | | B | 100 (45.4) |
| Cupric oxalate | 5893663 | ..... | 100 | 1 | | B | 100 (45.4) |
| Cupric sulfate | 7758987 | ..... | 10 | 1 | | A | 10 (4.54) |
| Cupric sulfate, ammoniated | 10380297 | ..... | 100 | 1 | | B | 100 (45.4) |
| Cupric tartrate | 815827 | ..... | 100 | 1 | | B | 100 (45.4) |
| Cyanide Compounds | N.A. | CYANIDES | 1* | 2,3 | | | ** |
| CYANIDES | N.A. | Cyanide Compounds | 1* | 2,3 | | | ** |
| Cyanides (soluble salts and complexes) not otherwise specified | 57125 | ..... | 1* | 4 | P030 | A | 10 (4.54) |
| Cyanogen | 460195 | Ethanedinitrile | 1* | 4 | P031 | B | 100 (45.4) |
| Cyanogen bromide | 506683 | Cyanogen bromide (CN)Br | 1* | 4 | U246 | C | 1000 (454) |
| Cyanogen bromide (CN)Br | 506683 | Cyanogen bromide | 1* | 4 | U246 | C | 1000 (454) |
| Cyanogen chloride | 506774 | Cyanogen chloride (CN)Cl | 10 | 1,4 | P033 | A | 10 (4.54) |
| Cyanogen chloride (CN)Cl | 506774 | Cyanogen chloride | 10 | 1,4 | P033 | A | 10 (4.54) |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

| | | | | | | | |
|--|----------|--|------|---------|------|---|-------------|
| 2,5-Cyclohexadiene-1,4-dione | 106514 | p-Benzoquinone | 1* | 3,4 | U197 | A | 10 (4.54) |
| Cyclohexane | 110827 | Quinone | 1000 | 1,4 | U056 | C | 1000 (454) |
| Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1 α ,2 α ,3 β ,4 α ,5 α ,6 β)- | 58899 | Benzene, hexahydro- | 1 | 1,2,3,4 | U129 | X | 1 (0.454) |
| | | γ -BHC | | | | | |
| | | Hexachlorocyclohexane (gamma isomer) | | | | | |
| | | Lindane | | | | | |
| | | Lindane (all isomers) | | | | | |
| Cyclohexanone | 108941 | ..... | 1* | 4 | U057 | D | 5000 (2270) |
| 2-Cyclohexyl-4,6-dinitrophenol | 131895 | Phenol, 2-cyclohexyl-4,6-dinitro- | 1* | 4 | P034 | B | 100 (45.4) |
| 1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro- | 77474 | Hexachlorocyclopentadiene | 1 | 1,2,3,4 | U130 | A | 10 (4.54) |
| Cyclophosphamide | 50180 | 2H-1,3,2-Oxazaphosphorin-2-amine, | 1* | 4 | U058 | A | 10 (4.54) |
| | | N,N-bis(2-chloroethyl)tetrahydro-,2-oxide | | | | | |
| 2,4-D Acid | 94757 | Acetic acid, (2,4-dichlorophenoxy)-, salts & esters. | 100 | 1,3,4 | U240 | B | 100 (45.4) |
| | | 2,4-D, salts and esters | | | | | |
| 2,4-D Ester | 94111 | ..... | 100 | 1 | | B | 100 (45.4) |
| | 94791 | | | | | | |
| | 94804 | | | | | | |
| | 1320189 | | | | | | |
| | 1928387 | | | | | | |
| | 1928616 | | | | | | |
| | 1929733 | | | | | | |
| | 2971382 | | | | | | |
| | 25168267 | | | | | | |
| | 53467111 | | | | | | |
| 2,4-D salts and esters | 94757 | Acetic acid, (2,4-dichlorophenoxy)-, salts & esters. | 100 | 1,3,4 | U240 | B | 100 (45.4) |
| | | 2,4-D Acid | | | | | |
| Daunomycin | 20830813 | 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)- | 1* | 4 | U059 | A | 10 (4.54) |
| DDD | 72548 | Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro- | 1 | 1,2,4 | U060 | X | 1 (0.454) |
| | | TDE | | | | | |
| 4,4' DDD | 72548 | 4,4' DDD | 1 | 1,2,4 | U060 | X | 1 (0.454) |
| | | Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro- | | | | | |
| | | DDD | | | | | |
| | | TDE | | | | | |
| DDE | 72559 | 4,4'-DDE | 1* | 2,3 | | X | 1 (0.454) |
| 4,4'-DDE | 72559 | DDE | 1* | 2,3 | | X | 1 (0.454) |
| DDE ^b | 3547044 | ..... | 1* | 3 | | D | 5000 (2270) |
| DDT | 50293 | Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro- | 1 | 1,2,4 | U061 | X | 1 (0.454) |
| | | 4,4' DDT | | | | | |
| 4,4' DDT | 50293 | Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro- | 1 | 1,2,4 | U061 | X | 1 (0.454) |
| | | DDT | | | | | |
| DDT AND METABOLITES | N.A. | ..... | 1* | 2 | | | ** |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|-----------------------------------|----------|---|-----------|---------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| DEHP | 117817 | 1,2-Benzenedicarboxylic acid, bis(2-ethyl-hexyl) ester. Bis(2-ethylhexyl)phthalate Diethylhexyl phthalate | 1* | 2,3,4 | U028 | B | 100 (45.4) |
| Diallate | 2303164 | Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester. | 1* | 4 | U062 | B | 100 (45.4) |
| Diazinon | 333415 | ..... | 1 | 1 | | X | 1 (0.454) |
| Diazomethane | 334883 | ..... | 1* | 3 | | B | 100 (45.4) |
| Dibenz[a,h]anthracene | 53703 | Dibenzo[a,h]anthracene 1,2,5,6-Dibenzanthracene | 1* | 2,4 | U063 | X | 1 (0.454) |
| 1,2,5,6-Dibenzanthracene | 53703 | Dibenzo[a,h]anthracene Dibenzo[a,h]anthracene | 1* | 2,4 | U063 | X | 1 (0.454) |
| Dibenzo[a,h]anthracene | 53703 | Dibenzo[a,h]anthracene 2,5,6-Dibenzanthracene | 1* | 2,4 | U063 | X | 1 (0.454) |
| Dibenz[a,i]pyrene | 189559 | Benzo[rs]t]pentaphene | 1* | 4 | U064 | A | 10 (4.54) |
| Dibenzofuran | 132649 | ..... | 1* | 3 | | B | 100 (45.4) |
| 1,2-Dibromo-3-chloropropane | 96128 | Propane, 1,2-dibromo-3-chloro-..... | 1* | 3,4 | U066 | X | 1 (0.454) |
| Dibromoethane | 106934 | Ethane, 1,2-dibromo-..... Ethylene dibromide | 1000 | 1,3,4 | U067 | X | 1 (0.454) |
| Dibutyl phthalate | 84742 | 1,2-Benzenedicarboxylic acid, dibutyl ester | 100 | 1,2,3,4 | U069 | A | 10 (4.54) |
| Di-n-butyl phthalate | 84742 | n-Butyl phthalate Di-n-butyl phthalate 1,2-Benzenedicarboxylic acid, dibutyl ester | 100 | 1,2,3,4 | U069 | A | 10 (4.54) |
| Dicamba | 1918009 | n-Butyl phthalate Dibutyl phthalate | 1000 | 1 | | C | 1000 (454) |
| Dichlobenil | 1194656 | ..... | 1000 | 1 | | B | 100 (45.4) |
| Dichlone | 117806 | ..... | 1 | 1 | | X | 1 (0.454) |
| Dichlorobenzene | 25321226 | ..... | 100 | 1 | | B | 100 (45.4) |
| 1,2-Dichlorobenzene | 95501 | Benzene, 1,2-dichloro- o-Dichlorobenzene | 100 | 1,2,4 | U070 | B | 100 (45.4) |
| 1,3-Dichlorobenzene | 541731 | Benzene, 1,3-dichloro m-Dichlorobenzene | 1* | 2,4 | U071 | B | 100 (45.4) |
| 1,4-Dichlorobenzene | 106467 | Benzene, 1,4-dichloro-..... p-Dichlorobenzene | 100 | 1,2,3,4 | U072 | B | 100 (45.4) |
| m-Dichlorobenzene | 541731 | Benzene, 1,3-dichloro 1,3-Dichlorobenzene | 1* | 2,4 | U071 | B | 100 (45.4) |
| o-Dichlorobenzene | 95501 | Benzene, 1,2-dichloro 1,2-Dichlorobenzene | 100 | 1,2,4 | U070 | B | 100 (45.4) |
| p-Dichlorobenzene | 106467 | Benzene, 1,4-dichloro-..... 1,4-Dichlorobenzene | 100 | 1,2,3,4 | U072 | B | 100 (45.4) |
| DICHLOROBENZIDINE | N.A. | ..... | 1* | 2 | | | ** |
| 3,3'-Dichlorobenzidine | 91941 | [1,1'-Biphenyl]-4,4'-diamine,3,3'-dichloro- | * | 2,3,4 | U073 | X | 1 (0.454) |
| Dichlorobromomethane | 75274 | ..... | 1* | 2 | | D | 5000 (2270) |
| 1,4-Dichloro-2-butene | 764410 | 2-Butene, 1,4-dichloro-..... | 1* | 4 | U074 | X | 1 (0.454) |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

| | | | | | | | |
|---|----------|---|------|----------|------|---|-------------|
| Dichlorodifluoromethane | 75718 | Methane, dichlorodifluoro- | 1* | 4 | U075 | D | 5000 (2270) |
| 1,1-Dichloroethane | 75343 | Ethane, 1,1-dichloro- | 1* | 2,3,4 | U076 | C | 1000 (454) |
| 1,2-Dichloroethane | 107062 | Ethylene dichloride Ethane, 1,2-dichloro- | 5000 | 1,2,3,4 | U077 | B | 100 (45.4) |
| 1,1-Dichloroethylene | 75354 | Ethylene dichloride Ethene, 1,1-dichloro- | 5000 | 1,2,3,4 | U078 | B | 100 (45.4) |
| 1,2-Dichloroethylene | 156605 | Vinylidene chloride Ethene, 1,2-dichloro- (E) | 1* | 2,4 | U079 | C | 1000 (454) |
| Dichloroethyl ether | 111444 | Bis(2-chloroethyl) ether | 1* | 2,3,4 | U025 | A | 10 (4.54) |
| Dichloroisopropyl ether | 108601 | Ethane, 1,1'-oxybis[2-chloro- Propane, 2,2'-oxybis[2-chloro- | 1* | 2,4 | U027 | C | 1000 (454) |
| Dichloromethane | 75092 | Methane, dichloro- | 1* | 2,3,4 | U080 | C | 1000 (454) |
| Dichloromethoxy ethane | 111911 | Methylene chloride Bis(2-chloroethoxy) methane Ethane, 1,1'-[methylenebis(oxy)]bis(2-chloro- | 1* | 2,4 | U024 | C | 1000 (454) |
| Dichloromethyl ether | 542881 | Bis(chloromethyl) ether | 1* | 3,4 | P016 | A | 10 (4.54) |
| 2,4-Dichlorophenol | 120832 | Methane, oxybis(chloro- Phenol, 2,4-dichloro- | 1* | 2,4 | U081 | B | 100 (45.4) |
| 2,6-Dichlorophenol | 87650 | Phenol, 2,6-dichloro- | 1* | 4 | U082 | B | 100(45.4) |
| Dichlorophenylarsine | 696286 | Arsonous dichloride, phenyl- | 1* | 4 | P036 | X | 1 (0.454) |
| Dichloropropane | 26638197 | ..... | 5000 | 1 | | C | 1000 (454) |
| 1,1-Dichloropropane | 78999 | ..... |  |  |  |  |  |
| 1,3-Dichloropropane | 142289 | ..... |  |  |  |  |  |
| 1,2-Dichloropropane | 78875 | Propane, 1,2-dichloro- | 5000 | 1,2,3,4, | U083 | C | 1000 (454) |
| Dichloropropane—Dichloropropene (mixture) | 8003198 | Propylene dichloride | 5000 | 1 | | B | 100 (45.4) |
| Dichloropropene | 26952238 | ..... | 5000 | 1 | | B | 100 (45.4) |
| 2,3-Dichloropropene | 78886 | ..... |  |  |  |  |  |
| 1,3-Dichloropropene | 542756 | 1-Propene, 1,3-dichloro- | 5000 | 1,2,3,4 | U084 | B | 100 (45.4) |
| 2,2-Dichloropropionic acid | 75990 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Dichlorvos | 62737 | ..... | 10 | 1,3 | | A | 10 (4.54) |
| Dicofol | 115322 | ..... | 5000 | 1 | | A | 10 (4.54) |
| Dieldrin | 60571 | 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,2aalpha,3beta,6beta, 6aalpha,7beta, 7aalpha)- | 1 | 1,2,4 | P037 | X | 1 (0.454) |
| 1,2:3,4-Diepoxybutane | 1464535 | 2,2'-Bioxirane | 1* | 4 | U085 | A | 10 (4.54) |
| Diethanolamine | 111422 | ..... | 1* | 3 | | B | 100 (45.4) |
| Diethylamine | 109897 | ..... | 1000 | 1 | | B | 100 (454.4) |
| N,N-Diethylaniline | 91667 | ..... | 1* | 3 | | C | 1000 (454) |
| Diethylarsine | 692422 | Arsine, diethyl- | 1* | 4 | P038 | X | 1 (0.454) |
| 1,4-Diethylenedioxiide | 123911 | 1,4-Dioxane | 1* | 3,4 | U108 | B | 100 (45.4) |
| 1,4-Diethyleneoxide | 123911 | 1,4-Diethylenedioxiide | 1* | 3,4 | U108 | B | 100 (45.4) |
| Diethylhexyl phthalate | 117817 | 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester. Bis(2-ethylhexyl)phthalate DEHP | 1* | 2,3,4 | U028 | B | 100 (45.4) |
| N,N'-Diethylhydrazine | 1615801 | Hydrazine, 1,2-diethyl- | 1* | 4 | U086 | A | 10 (4.54) |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|---|---------|---|-----------|--------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| O,O-Diethyl S-methyl dithiophosphate | 3288582 | Phosphorodithioic acid, O,O-diethyl S-methyl ester. | 1* | 4 | U087 | D | 5000 (2270) |
| Diethyl-p-nitrophenyl phosphite | 311455 | Phosphoric acid, diethyl 4-nitrophenyl ester | 1* | 4 | P041 | B | 100 (45.4) |
| Diethyl phthalate | 84662 | 1,2-Benzenedicarboxylic acid, diethyl ester | 1* | 2,4 | U088 | C | 1000 (454) |
| O,O-Diethyl O-pyrazinyl phosphorothioate | 297972 | Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester. | 1* | 4 | P040 | B | 100 (45.4) |
| Diethylstilbestrol | 56531 | Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E) | 1* | 4 | U089 | X | 1 (0.454) |
| Diethyl sulfate | 64675 | | 1* | 3 | | A | 10 (4.54) |
| Dihydrosafrole | 94586 | 1,3-Benzodioxole, 5-propyl- | 1* | 4 | U090 | A | 10 (4.54) |
| Diisopropylfluorophosphate | 55914 | Phosphorofluoridic acid, bis(1-methylethyl) ester. | 1* | 4 | P043 | B | 100 (45.4) |
| 1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4abeta,5alpha,8alpha,8abeta)-1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro, (1alpha,4alpha,4abeta,5abeta,8beta,8abeta)-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,2aalpha,3beta,6beta,6aalpha,7beta,7aalpha)-2,7,3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octa-hydro-, (1alpha,2beta,2abeta,3alpha,6alpha,6abeta,7beta,7aalpha)-Dimethoate | 309002 | Aldrin | 1 | 1,2,4 | P004 | X | 1 (0.454) |
| | 465736 | Isodrin | 1* | 4 | P060 | X | 1 (0.454) |
| | 60571 | Dieldrin | 1 | 1,2,4 | P037 | X | 1 (0.454) |
| | 72208 | Endrin Endrin, & metabolites | 1 | 1,2,4 | P051 | X | 1 (0.454) |
| | 60515 | Phosphorodithioic acid, O,O-dimethyl S-[2(methylamino)-2-oxoethyl] ester. | 1* | 4 | P044 | A | 10 (4.54) |
| 3,3'-Dimethoxybenzidine | 119904 | [1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethoxy- | 1* | 3,4 | U091 | B | 100 (45.4) |
| Dimethylamine | 124403 | Methanamine, N-methyl- | 1000 | 1,4 | U092 | C | 1000 (454) |
| Dimethyl aminoazobenzene | 60117 | Benzenamine, N,N-dimethyl-4-(phenylazo)- P-Dimethylaminoazobenzene | 1* | 3,4 | U093 | A | 10 (4.54) |
| p-Dimethylaminoazobenzene | 60117 | Benzenamine, N,N-dimethyl-4-(phenylazo)- Dimethyl aminoazobenzene | 1* | 3,4 | U093 | A | 10 (4.54) |
| N,N-Dimethylaniline | 121697 | | 1* | 3 | | B | 100 (45.4) |
| 7,12-Dimethylbenz[a]anthracene | 57976 | Benz[a]anthracene, 7,12-dimethyl- | 1* | 4 | U094 | X | 1 (0.454) |
| 3,3'-Dimethylbenzidine | 119937 | [1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethyl- | 1* | 3,4 | U095 | A | 10 (4.54) |
| alpha,alpha-Dimethylbenzylhydroperoxide | 80159 | Hydroperoxide, 1-methyl-1-phenylethyl- | 1* | 4 | U096 | A | 10 (4.54) |
| Dimethylcarbonyl chloride | 79447 | Carbamic chloride, dimethyl- | 1* | 3,4 | U097 | X | 1 (0.454) |
| Dimethylformamide | 68122 | | 1* | 3 | | B | 100 (45.4) |
| 1,1-Dimethylhydrazine | 57147 | Hydrazine, 1,1-dimethyl- | 1* | 3,4 | U098 | A | 10 (4.54) |
| 1,2-Dimethylhydrazine | 540738 | Hydrazine, 1,2-dimethyl- | 1* | 4 | U099 | X | 1 (0.454) |
| alpha,alpha-Dimethylphenethylamine | 122098 | Benzenethanamine, alpha,alpha-dimethyl- | 1* | 4 | P046 | D | 5000 (2270) |
| 2,4-Dimethylphenol | 105679 | Phenol, 2,4-dimethyl- | 1* | 2,4 | U101 | B | 100 (45.4) |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

| | | | | | | | |
|--|------------|---|------|----------|------|---|-------------|
| Dimethyl phthalate | 131113 | 1,2-Benzenedicarboxylic acid, dimethyl ester | 1* | 2,3,4 | U102 | D | 5000 (2270) |
| Dimethyl sulfate | 77781 | Sulfuric acid, dimethyl ester | 1* | 3,4 | U103 | B | 100 (45.4) |
| Dinitrobenzene (mixed) | 25154545 | ..... | 1000 | 1 | | B | 100 (45.4) |
| m-Dinitrobenzene | 99650 | | | | | | |
| o-Dinitrobenzene | 528290 | | | | | | |
| p-Dinitrobenzene | 100254 | | | | | | |
| 4,6-Dinitro-o-cresol, and salts | 534521 | Phenol, 2-methyl-4,6-dinitro-, & salts | 1* | 2,3,4 | P047 | A | 10 (4.54) |
| Dinitrophenol | 25550587 | ..... | 1000 | 1 | | A | 10 (4.54) |
| 2,5-Dinitrophenol | 329715 | | | | | | |
| 2,6-Dinitrophenol | 573568 | | | | | | |
| 2,4-Dinitrophenol | 51285 | Phenol, 2,4-dinitro- | 1000 | 1,2,3,4, | P048 | A | 10 (4.54) |
| Dinitrotoluene | 25321146 | ..... | 1000 | 1,2 | | A | 10 (4.54) |
| 3,4-Dinitrotoluene | 610399 | | | | | | |
| 2,4-Dinitrotoluene | 121142 | Benzene, 1-methyl-2,4-dinitro- | 1000 | 1,2,3,4 | U105 | A | 10 (4.54) |
| 2,6-Dinitrotoluene | 606202 | Benzene, 2-methyl-1,3-dinitro- | 1000 | 1,2,4 | U106 | B | 100 (45.4) |
| Dinoseb | 88857 | Phenol, 2-(1-methylpropyl)-4,6-dinitro | 1* | 4 | P020 | C | 1000 (454) |
| Di-n-octyl phthalate | 117840 | 1,2-Benzenedicarboxylic acid, dioctyl ester | 1* | 2,4 | U107 | D | 5000 (2270) |
| 1,4-Dioxane | 123911 | 1,4-Diethyleneoxide | 1* | 3,4 | U108 | B | 100 (45.4) |
| | | 1,4-Diethylenedioxiide | | | | | |
| DIPHENYLHYDRAZINE | N.A. | ..... | 1* | 2 | | | ** |
| 1,2-Diphenyl- hydrazine | 122667 | Hydrazine, 1,2-diphenyl- | 1* | 2,3,4 | U109 | A | 10(4.54) |
| Diphosphoramidate, octamethyl- | 152169 | Octamethylpyrophosphoramidate | 1* | 4 | P085 | B | 100 (45.4) |
| Diphosphoric acid, tetraethyl ester | 107493 | Tetraethyl pyrophosphate | 100 | 1,4 | P111 | A | 10 (4.54) |
| Dipropylamine | 142847 | 1-Propanamine, N-propyl- | 1* | 4 | U110 | D | 5000 (2270) |
| Di-n-propylnitrosamine | 621647 | 1-Propanamine, N-nitroso-N-propyl- | 1* | 2,4 | U111 | A | 10 (4.54) |
| Diquat | 85007 | ..... | 1000 | 1 | | C | 1000 (454) |
| | 2764729 | | | | | | |
| Disulfoton | 298044 | Phosphorodithioic acid, o,o-diethyl S-[2- (ethylthio)ethyl]ester. | 1 | 1,4 | P039 | X | 1 (0.454) |
| Dithiobiuret | 541537 | Thioimidodicarbonic diamide [(HG2KN) C(S)]2NH | 1* | 4 | P049 | B | 100 (45.4) |
| 1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, [(methylamino)carbonyl]oxime (Tirpate). | O-26419738 | ..... | 1* | 4 | P185 | | ## |
| Diuron | 330541 | ..... | 100 | 1 | | B | 100 (45.4) |
| Dodecylbenzenesulfonic acid | 27176870 | ..... | 1000 | 1 | | C | 1000 (454) |
| Endosulfan | 115297 | 6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a- hexahydro-, 3-oxide. | 1 | 1,2,4 | P050 | X | 1 (0.454) |
| alpha - Endosulfan | 959988 | ..... | 1* | 2 | | X | 1 (0.454) |
| beta - Endosulfan | 33213659 | ..... | 1* | 2 | | X | 1 (0.454) |
| ENDOSALFAN AND METABOLITES | N.A. | ..... | 1* | 2 | | | ** |
| Endosulfan sulfate | 1031078 | ..... | 1* | 2 | | X | 1 (0.454) |
| Endothall | 145733 | 7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid. | 1* | 4 | P088 | C | 1000 (454) |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|--|---------|---|-----------|---------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| Endrin | 72208 | 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-octa-hydro-, (1aalpha, 2beta,2abeta,3alpha,6alpha, 6abeta,7beta, 7aalpha)- | 1 | 1,2,4 | P051 | X | 1 (0.454) |
| Endrin aldehyde | 7421934 | ..... | 1* | 2 | | X | 1 (0.454) |
| ENDRIN AND METABOLITES | N.A. | ..... | 1* | 2 | | | ** |
| Endrin, & metabolites | 72208 | Endrin 2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3, 6,6a,7,7a-octa-hydro-, (1aalpha, 2beta,2abeta,3alpha,6alpha, 6abeta,7beta, 7aalpha)- | 1 | 1,2,4 | P051 | X | 1 (0.454) |
| Epichlorohydrin | 106898 | 1-Chloro-2,3-epoxypropane | 1000 | 1,3,4 | U041 | B | 100(45.4) |
| Epinephrine | 51434 | Oxirane, (chloromethyl)- 1,2-Benzenediol,4-[1-hydroxy-2- (methylamino)ethyl]-. | 1* | 4 | P042 | C | 1000 (454) |
| 1,2-Epoxybutane | 106887 | ..... | 1* | 3 | | B | 100 (45.4) |
| Ethanal | 75070 | Acetaldehyde | 1000 | 1,3,4 | U001 | C | 1000(454) |
| Ethanamine, N-ethyl-N-nitroso- | 55185 | N-Nitrosodiethylamine | 1* | 4 | U174 | X | 1 (0.454) |
| 1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)- | 91805 | Methapyrilene | 1* | 4 | U155 | D | 5000 (2270) |
| Ethane, 1,2-dibromo | 106934 | Dibromoethane | 1000 | 1,3,4 | U067 | X | 1(0.454) |
| Ethane, 1,1-dichloro | 75343 | Ethylene dibromide 1,1-Dichloroethane | 1* | 2,3,4 | U076 | C | 1000(454) |
| Ethane, 1,2-dichloro | 107062 | Ethylidene dichloride 1,2-Dichloroethane | 5000 | 1,2,3,4 | U077 | B | 100(45.4) |
| Ethanedinitrile | 460195 | Cyanogen | 1* | 4 | P031 | B | 100 (45.4) |
| Ethane, hexachloro- | 67721 | Hexachloroethane | 1* | 2,3,4 | U131 | B | 100(45.4) |
| Ethane, 1,1'-[methylenebis(oxy)]bis(2-chloro- | 111911 | Bis(2-chloroethoxy) methane | 1* | 2,4 | U024 | C | 1000 (454) |
| Ethane, 1,1'-oxybis- | 60297 | Dichloromethoxy ethane | 1* | 4 | U117 | B | 100 (45.4) |
| Ethane, 1,1'-oxybis[2-chloro- | 111444 | Ethyl ether | 1* | 2,3,4 | U025 | A | 10(4.54) |
| Ethane, pentachloro- | 76017 | Bis(2-chloroethyl) ether | 1* | 4 | U184 | A | 10 (4.54) |
| Ethane, 1,1,1,2-tetrachloro- | 630206 | Dichloroethyl ether | 1* | 4 | U208 | B | 100 (45.4) |
| Ethane, 1,1,2,2-tetrachloro- | 79345 | 1,1,2,2-Tetra- chloroethane | 1* | 2,3,4 | U209 | B | 100(45.4) |
| Ethanethioamide | 62555 | Thioacetamide | 1* | 4 | U218 | A | 10 (4.54) |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

| | | | | | | | |
|--|----------|---|------|---------|------|---|-------------|
| Ethane, 1,1,1-trichloro- | 71556 | Methyl chloroform | 1* | 2,3,4 | U226 | C | 1000(454) |
| Ethane, 1,1,2-trichloro- | 79005 | 1,1,1-Trichloroethane | 1* | 2,3,4 | U227 | B | 100(45.4) |
| Ethanimidothioci acid, 2-(dimethylamino-N-hydroxy-2-oxo-, methyl ester (A2213)). | 30558431 | 1,1,2-Trichloroethane | 1* | 4 | U394 | | ## |
| Ethanimidothioic acid, 2-(dimethylamino)-N-[[[(methylamino)carbonyl]oxy]-2-oxo-, methyl ester (Oxamyl)]. | 23135220 | ..... | 1* | 4 | P194 | | ## |
| Ethanimidothioic acid, N-[[[(methyl- amino)carbonyl]oxy]-, methyl ester | 16752775 | Methomyl | 1* | 4 | P066 | B | 100 (45.4) |
| Ethanimidothioic acid, N,N'- [thiobis[(methylimino)carbonyloxy]]bis-,dimethyl ester (Thiodicarb). | 59669260 | ..... | 1* | 4 | U410 | | ## |
| Ethanol, 2-ethoxy- | 110805 | Ethylene glycol monoethyl ether | 1* | 4 | U359 | C | 1000 (454) |
| Ethanol, 2,2'-(nitrosoimino)bis- | 1116547 | N-Nitrosodiethanolamine | 1* | 4 | U173 | X | 1 (0.454) |
| Ethanol, 2,2'-oxybis-, dicarbamate (Diethylene glycol, dicarbamate) | 5952261 | ..... | 1* | 4 | U395 | | ## |
| Ethanone, 1-phenyl- | 98862 | Acetophenone | 1* | 3,4 | U004 | D | 5000(2270) |
| Ethene, chloro- | 75014 | Vinyl chloride | 1* | 2,3,4 | U043 | X | 1 (0.454) |
| Ethene, 2-chloroethoxy- | 110758 | 2-Chloroethyl vinyl ether | 1* | 2,4 | U042 | C | 1000 (454) |
| Ethene, 1,1-dichloro- | 75354 | 1,1-Dichloroethylene | 5000 | 1,2,3,4 | U078 | B | 100(45.4) |
| Ethene, 1,2-dichloro- (E) | 156605 | Vinylidene chloride | 1* | 2,4 | U079 | C | 1000 (454) |
| Ethene, tetrachloro- | 127184 | 1,2-Dichloroethylene | 1* | 2,3,4 | U210 | B | 100(45.4) |
| Ethene, trichloro- | 79016 | Perchloroethylene | 1000 | 1,2,3,4 | U228 | B | 100(45.4) |
| Ethion | 563122 | Tetrachloroethene | 10 | 1 | | A | 10 (4.54) |
| Ethyl acetate | 141786 | Trichloroethylene | 1* | 4 | U112 | D | 5000 (2270) |
| Ethyl acrylate | 140885 | Acetic acid, ethyl ester | 1* | 3,4 | U113 | C | 1000(454) |
| Ethylbenzene | 100414 | 2-Propenoic acid, ethyl ester | 1000 | 1,2,3 | | C | 1000(454) |
| Ethyl carbamate | 51796 | Carbamic acid, ethyl ester | 1* | 3,4 | U238 | B | 100(45.4) |
| Ethyl chloride | 75003 | Urethane | 1* | 2,3 | | B | 100(45.4) |
| Ethyl cyanide | 107120 | Chloroethane | 1* | 4 | P101 | A | 10 (4.54) |
| Ethylenebisdithiocarbamic acid, salts & esters | 111546 | Propanenitrile | 1* | 4 | U114 | D | 5000 (2270) |
| Ethylenediamine | 107153 | Carbamodithioic acid, 1,2-ethanedylbis, salts & esters. | 1000 | 1 | | D | 5000 (2270) |
| Ethylenediamine-tetraacetic acid (EDTA) | 60004 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Ethylene dibromide | 106934 | Dibromoethane | 1000 | 1,3,4 | U067 | X | 1(0.454) |
| Ethylene dichloride | 107062 | Ethane, 1,2-dibromo- | 5000 | 1,2,3,4 | U077 | B | 100(45.4) |
| Ethylene glycol | 107211 | 1,2-Dichloroethane | 1* | 3 | | D | 5000 (2270) |
| Ethylene glycol monoethyl ether | 110805 | Ethane, 1,2-dichloro- | 1* | 4 | U359 | C | 1000 (454) |
| Ethyleneimine | 151564 | Ethanol, 2-ethoxy- | 1* | 3,4 | P054 | X | 1(0.454) |
| Ethylene oxide | 75218 | Aziridine | 1* | 3,4 | U115 | A | 10(4.54) |
| Ethylenethiourea | 96457 | Oxirane | 1* | 3,4 | U116 | A | 10(4.54) |
| Ethyl ether | 60297 | 2-Imidazolidinethione | 1* | 4 | U117 | B | 100 (45.4) |
| Ethylidene dichloride | 75343 | Ethane, 1,1'-oxybis- | * | 2,3,4 | U076 | C | 1000 (454) |
| Ethyl methacrylate | 97632 | 1,1-Dichloroethane | 1* | 4 | U118 | C | 1000 (454) |
| Ethyl methanesulfonate | 62500 | Ethane, 1,1-dichloro- | 1* | 4 | U119 | X | 1 (0.454) |
| | | 2-Propenoic acid, 2-methyl-, ethyl ester | | | | | |
| | | Methanesulfonic acid, ethyl ester | | | | | |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|---|----------|---|-----------|--------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| Famphur | 52857 | Phosphorothioic acid, O,[4-[(di- methylamino) sulfonyl] phenyl] O,O-dimethyl ester. | 1* | 4 | P097 | C | 1000 (454) |
| Ferric ammonium citrate | 1185575 | ..... | 1000 | 1 | | C | 1000 (454) |
| Ferric ammonium oxalate | 2944674 | ..... | 1000 | 1 | | C | 1000 (454) |
| | 55488874 | ..... |  |  |  |  |  |
| Ferric chloride | 7705080 | ..... | 1000 | 1 | | C | 1000 (454) |
| Ferric fluoride | 7783508 | ..... | 100 | 1 | | B | 100 (45.4) |
| Ferric nitrate | 10421484 | ..... | 1000 | 1 | | C | 1000 (454) |
| Ferric sulfate | 10028225 | ..... | 1000 | 1 | | C | 1000 (454) |
| Ferrous ammonium sulfate | 10045893 | ..... | 1000 | 1 | | C | 1000 (454) |
| Ferrous chloride | 7758943 | ..... | 100 | 1 | | B | 100 (45.4) |
| Ferrous sulfate | 7720787 | ..... | 1000 | 1 | | C | 1000 (454) |
| | 7782630 | ..... |  |  |  |  |  |
| Fine mineral fibers ^c | N.A. | ..... | 1* | 3 | | | ** |
| Fluoranthene | 206440 | Benzo[<i>j,k</i>]fluorene | 1* | 2,4 | U120 | B | 100 (45.4) |
| Fluorene | 86737 | ..... | 1* | 2 | | D | 5000 (2270) |
| Fluorine | 7782414 | ..... | 1* | 4 | P056 | A | 10 (4.54) |
| Fluoroacetamide | 640197 | Acetamide, 2-fluoro- | 1* | 4 | P057 | B | 100 (45.4) |
| Fluoroacetic acid, sodium salt | 62748 | Acetic acid, fluoro-, sodium salt | 1* | 4 | P058 | A | 10 (4.54) |
| Formaldehyde | 50000 | ..... | 1000 | 1,3,4 | U122 | B | 100 (45.4) |
| Formic acid | 64186 | ..... | 5000 | 1,4 | U123 | D | 5000 (2270) |
| Fulminic acid, mercury(2+)salt | 628864 | Mercury fulminate | 1* | 4 | P065 | A | 10 (4.54) |
| Fumaric acid | 110178 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Furan | 110009 | Furfuran | 1* | 4 | U124 | B | 100 (45.4) |
| Furan, tetrahydro- | 109999 | Tetrahydrofuran | 1* | 4 | U213 | C | 1000 (454) |
| 2-Furancarboxaldehyde | 98011 | Furfural | 1000 | 1,4 | U125 | D | 5000 (2270) |
| 2,5-Furandione | 108316 | Maleic anhydride | 5000 | 1,3,4 | U147 | D | 5000 (2270) |
| Furfural | 98011 | 2-Furancarboxaldehyde | 1000 | 1,4 | U125 | D | 5000 (2270) |
| Furfuran | 110009 | Furan | 1* | 4 | U124 | B | 100 (45.4) |
| Glucopyranose, 2-deoxy-2-(3-methyl-3-nitroso- <i>reido</i>)- | 18883664 | D-Glucose, 2-deoxy-2-[(methylnitrosoamino)- carbonyl]amino] Streptozotocin. | 1* | 4 | U206 | X | 1 (0.454) |
| D-Glucose, 2-deoxy-2-[[methylnitrosoamino)- carbonyl]amino]- | 18883664 | Glucopyranose, 2-deoxy-2-(3-methyl-3- nitroso- <i>reido</i>)-. Streptozotocin | 1* | 4 | U206 | X | 1 (0.454) |
| Glycidylaldehyde | 765344 | Oxiranecarboxyaldehyde | 1* | 4 | U126 | A | 10 (4.54) |
| Glycol ethers ^d | N.A. | ..... | 1* | 3 | | | ** |
| Guanidine, N-methyl-N'-nitro-N-nitroso- | 70257 | MNNG | 1* | 4 | U163 | A | 10 (4.54) |
| Guthion | 86500 | ..... | 1 | 1 | | X | 1 (0.454) |
| HALOETHERS | N.A. | ..... | 1* | 2 | | | ** |
| HALOMETHANES | N.A. | ..... | 1* | 2 | | | ** |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

302

| | | | | | | | |
|--|---------|--|------|---------|------|---|-------------|
| Heptachlor | 76448 | 4,7-Methano-1H-indene, 1,4,5,6,7,8,8- heptachloro-3a,4,7,7a-tetrahydro- | 1 | 1,2,3,4 | P059 | X | 1, (0.454) |
| HEPTACHLOR AND METABOLITES | N.A. | | 1* | 2 | | | ** |
| Heptachlor epoxide | 1024573 | | 1* | 2 | | X | 1 (0.454) |
| Hexachlorobenzene | 118741 | Benzene, hexachloro- | 1* | 2,3,4 | U127 | A | 10 (4.54) |
| Hexachlorobutadiene | 87683 | 1,3-Butadiene 1,1,2,3,4,4-hexachloro- | 1* | 2,3,4 | U128 | X | 1 (0.454) |
| HEXACHLOROCYCLOHEXANE (all isomers) | 608731 | | 1* | 2 | | | ** |
| Hexachlorocyclohexane (gamma isomer) | 58899 | γ-BHC Cyclohexane, 1,2,3,4,5,6- hexachloro- (1α,2α,3β,4α, 5α,6β)- Lindane Lindane (all isomers) | 1 | 1,2,3,4 | U129 | X | 1 (0.454) |
| Hexachlorocyclopentadiene | 77474 | 1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro- ... | 1 | 1,2,3,4 | U130 | A | 10 (4.54) |
| Hexachloroethane | 67721 | Ethane, hexachloro- | 1* | 2,3,4 | U131 | B | 100 (45.4) |
| Hexachlorophene | 70304 | Phenol, 2,2'-methylenebis[3,4,6-trichloro- | 1* | 4 | U132 | B | 100 (45.4) |
| Hexachloropropene | 1888717 | 1-Propene, 1,1,2,3,3,3-hexachloro- | 1* | 4 | U243 | C | 1000 (45.4) |
| Hexaethyl tetraphosphate | 757584 | Tetraphosphoric acid, hexaethyl ester | 1* | 4 | P062 | B | 100 (45.4) |
| Hexamethylene-1,6-diisocyanate | 822060 | | 1* | 3 | | B | 100 (45.4) |
| Hexamethylphosphoramide | 680319 | | 1* | 3 | | X | 1 (0.454) |
| Hexane | 110543 | | 1* | 3 | | D | 5000 (2270) |
| Hexone | 108101 | Methyl isobutyl ketone 4-Methyl-2-pentanone | 1* | 3,4 | U161 | D | 5000 (2270) |
| Hydrazine | 302012 | | 1* | 3,4 | U133 | X | 1 (0.454) |
| Hydrazine, 1,2-diethyl- | 1615801 | N,N'-Diethylhydrazine | 1* | 4 | U086 | A | 10 (4.54) |
| Hydrazine, 1,1-dimethyl- | 57147 | 1,1-Dimethylhydrazine | 1* | 3,4 | U098 | A | 10 (4.54) |
| Hydrazine, 1,2-dimethyl- | 540738 | 1,2-Dimethylhydrazine | 1* | 4 | U099 | X | 1 (0.454) |
| Hydrazine, 1,2-diphenyl- | 122667 | 1,2-Diphenylhydrazine | 1* | 2,3,4 | U109 | A | 10 (4.54) |
| Hydrazine, methyl- | 60344 | Methyl hydrazine | 1* | 3,4 | P068 | A | 10 (4.54) |
| Hydrazinecarbothioamide | 79196 | Thiosemicarbazide | 1* | 4 | P116 | B | 100 (45.4) |
| Hydrochloric acid | 7647010 | Hydrogen chloride | 5000 | 1,3 | | D | 5000 (2270) |
| Hydrocyanic acid | 74908 | Hydrogen cyanide | 10 | 1,4 | P063 | A | 10 (4.54) |
| Hydrofluoric acid | 7664393 | Hydrogen fluoride | 5000 | 1,3,4 | U134 | B | 100 (45.4) |
| Hydrogen chloride | 7647010 | Hydrochloric acid | 5000 | 1,3 | | D | 5000 (2270) |
| Hydrogen cyanide | 74908 | Hydrocyanic acid | 10 | 1,4 | P063 | A | 10 (4.54) |
| Hydrogen fluoride | 7664393 | Hydrofluoric acid | 5000 | 1,3,4 | U134 | B | 100 (45.4) |
| Hydrogen phosphide | 7803512 | Phosphine | 1* | 3,4 | P096 | B | 100 (45.4) |
| Hydrogen sulfide | 7783064 | Hydrogen sulfide H ₂ S | 100 | 1,4 | U135 | B | 100 (45.4) |
| Hydrogen sulfide H ₂ S | 7783064 | Hydrogen sulfide | 100 | 1,4 | U135 | B | 100 (45.4) |
| Hydroperoxide, 1-methyl-1-phenylethyl- | 80159 | alpha, alpha-Dimethylbenzylhydroperoxide | 1* | 4 | U096 | A | 10 (4.54) |
| Hydroquinone | 123319 | | 1* | 3 | | B | 100 (45.4) |
| 2-Imidazolidinethione | 96457 | Ethylenethiourea | 1* | 3,4 | U116 | A | 10 (4.54) |
| Indeno(1,2,3-cd)pyrene | 193395 | 1,10-(1,2-Phenylene)pyrene | 1* | 2,4 | U137 | B | 100 (45.4) |
| Iodomethane | 74884 | Methane, iodo- Methyl iodide | 1* | 3,4 | U138 | B | 100 (45.4) |
| 1,3-Isobenzofurandione | 85449 | Phthalic anhydride | 1* | 3,4 | U190 | D | 5000 (2270) |
| Isobutyl alcohol | 78831 | 1-Propanol, 2-methyl- | 1* | 4 | U140 | D | 5000 (2270) |
| Isodrin | 465736 | 1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10- hexachloro-1,4,4a,5,8,8a-hexahydro, (1alpha,4alpha,4abeta,5beta, 8beta,8abeta)- | 1* | 4 | P060 | X | 1 (0.454) |
| Isophorone | 78591 | | 1* | 2,3 | | D | 5000 (2270) |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|--|--|--|-----------|--------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| Isoprene | 78795 | ..... | 1000 | 1 | | B | 100 (45.4) |
| Isopropanolamine dodecylbenzenesulfonate | 42504461 | ..... | 1000 | 1 | | C | 1000 (454) |
| Isosafrole | 120581 | 1,3-Benzodioxole, 5-(1-propenyl)- | 1* | 4 | U141 | B | 100 (45.4) |
| 3(2H)-Isoxazolone, 5-(aminomethyl)- | 2763964 | Muscimol | 1* | 4 | P007 | C | 1000 (454) |
| Kepone | 143500 | 5-(Aminomethyl)-3-isoxazolol 1,3,4-Metheno-2H-cyclobutal[cd]pentalen-2-one, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro- | 1 | 1,4 | U142 | X | 1 (0.454) |
| Lasiocarpine | 303344 | 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]]- | 1* | 4 | U143 | A | 10 (4.54) |
| Lead‡ | 7439921 | ..... | 1* | 2 | | A | 10 (4.54) |
| Lead acetate | 301042 | Acetic acid, lead(2+) salt | 5000 | 1,4 | U144 | A | 10 (4.54) |
| LEAD AND COMPOUNDS | N.A. | Lead Compounds | 1* | 2,3 | | | ** |
| Lead Compounds | N.A. | LEAD AND COMPOUNDS | 1* | 2,3 | | | ** |
| Lead arsenate | 7784409 7645252 10102484 | ..... | 5000 | 1 | | X | 1 (0.454) |
| Lead, bis(acetatato-O)tetrahydroxytri- | 1335326 | Lead subacetate | 1* | 4 | U146 | A | 10 (4.54) |
| Lead chloride | 7758954 | ..... | 5000 | 1 | | A | 10 (4.54) |
| Lead fluoborate | 13814965 | ..... | 5000 | 1 | | A | 10 (4.54) |
| Lead fluoride | 7783462 | ..... | 1000 | 1 | | A | 10 (4.54) |
| Lead iodide | 10101630 | ..... | 5000 | 1 | | A | 10 (4.54) |
| Lead nitrate | 10099748 | ..... | 5000 | 1 | | A | 10 (4.54) |
| Lead phosphate | 7446277 | Phosphoric acid, lead(2+) salt (2:3) | 1* | 4 | U145 | A | 10 (4.54) |
| Lead stearate | 1072351 7428480 52652592 56189094 | ..... | 5000 | 1 | | A | 10 (4.54) |
| Lead subacetate | 1335326 | Lead, bis(acetatato-O)tetrahydroxytri- | 1* | 4 | U146 | A | 10 (4.54) |
| Lead sulfate | 7446142 15739807 | ..... | 5000 | 1 | | A | 10 (4.54) |
| Lead sulfide | 1314870 | ..... | 5000 | 1 | | A | 10 (4.54) |
| Lead thiocyanate | 592870 | ..... | 5000 | 1 | | A | 10 (4.54) |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

304

| | | | | | | | |
|---|----------|--|------|---------|------|---|-------------|
| Lindane | 58899 | γ-BHC | 1 | 1,2,3,4 | U129 | X | 1 (0.454) |
| | | Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1α,2α,3β,4α,5α,6β)-, Hexachlorocyclo- hexane (gamma isomer) Lindane (all isomers) | | | | | |
| Lindane (all isomers) | 58899 | γ-BHC | 1 | 1,2,3,4 | U129 | X | 1 (0.454) |
| | | Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1α,2α,3β,4α,5α,6β)-, Hexachlorocyclo- hexane (gamma isomer) Lindane | | | | | |
| Lithium chromate | 14307358 | ..... | 1000 | 1 | | A | 10 (4.54) |
| Malathion | 121755 | ..... | 10 | 1 | | B | 100 (45.4) |
| Maleic acid | 110167 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Maleic anhydride | 108316 | 2,5-Furandione | 5000 | 1,3,4 | U147 | D | 5000 (2270) |
| Maleic hydrazide | 123331 | 3,6-Pyridazinedione, 1,2-dihydro- | 1* | 4 | U148 | D | 5000 (2270) |
| Malononitrile | 109773 | Propanedinitrile | 1* | 4 | U149 | C | 1000 (454) |
| Manganese, bis(dimethylcarbamodithioato-S,S')-(Manganese dimethyldithiocarbamate). | 15339363 | ..... | 1* | 4 | P196 | | ## |
| Manganese Compounds | N.A. | ..... | 1* | 3 | | | ** |
| MDI | 101688 | Methylene diphenyl diisocyanate | 1* | 3 | | D | 5000 (2270) |
| Melphalan | 148823 | L-Phenylalanine, 4-[bis(2-chloroethyl) aminol] ... | 1* | 4 | U150 | X | 1 (0.454) |
| MEK | 78933 | 2-Butanone | 1* | 3,4 | U159 | D | 5000 (2270) |
| | | Methyl ethyl ketone | | | | | |
| Mercaptodimethur | 2032657 | ..... | 100 | 1 | | A | 10 (4.54) |
| Mercuric cyanide | 592041 | ..... | 1 | 1 | | X | 1 (0.454) |
| Mercuric nitrate | 10045940 | ..... | 10 | 1 | | A | 10 (4.54) |
| Mercuric sulfate | 7783359 | ..... | 10 | 1 | | A | 10 (4.54) |
| Mercuric thiocyanate | 592858 | ..... | 10 | 1 | | A | 10 (4.54) |
| Mercurous nitrate | 10415755 | ..... | 10 | 1 | | A | 10 (4.54) |
| | 7782867 | ..... |  |  |  |  |  |
| Mercury | 7439976 | ..... | 1* | 2,3,4 | U151 | X | 1 (0.454) |
| MERCURY AND COMPOUNDS | N.A. | Mercury Compounds | 1* | 2,3 | | | ** |
| Mercury Compounds | N.A. | MERCURY AND COMPOUNDS | 1* | 2,3 | | | ** |
| Mercury, (acetate-O)phenyl- | 62384 | Phenylmercury acetate | 1* | 4 | P092 | B | 100 (45.4) |
| Mercury fulminate | 628864 | Fulminic acid, mercury(2+)salt | 1* | 4 | P065 | A | 10 (4.54) |
| Methacrylonitrile | 126987 | 2-Propenenitrile, 2-methyl- | 1* | 4 | U152 | C | 1000 (454) |
| Methanamine, N-methyl- | 124403 | Dimethylamine | 1000 | 1,4 | U092 | C | 1000 (454) |
| Methanamine, N-methyl-N-nitroso- | 62759 | N-Nitrosodimethylamine | 1* | 2,3,4 | P082 | A | 10 (4.54) |
| Methane, bromo- | 74839 | Bromomethane | 1* | 2,3,4 | U029 | C | 1000 (454) |
| | | Methyl bromide | | | | | |
| Methane, chloro- | 74873 | Chloromethane | 1* | 2,3,4 | U045 | B | 100 (45.4) |
| | | Methyl chloride | | | | | |
| Methane, chloromethoxy- | 107302 | Chloromethyl methyl ether | 1* | 3,4 | U046 | A | 10 (4.54) |
| Methane, dibromo- | 74953 | Methylene bromide | 1* | 4 | U068 | C | 1000 (454) |
| Methane, dichloro- | 75092 | Methylene chloride | 1* | 2,3,4 | U080 | C | 1000 (454) |
| | | Dichloromethane | | | | | |
| Methane, dichlorodifluoro- | 75718 | Dichlorodifluoromethane | 1* | 4 | U075 | D | 5000 (2270) |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|---|--|---|-----------|---------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| Methane, iodo- | 74884 | Iodomethane Methyl iodide | 1* | 3,4 | U138 | B | 100 (45.4) |
| Methane, isocyanato- | 624839 | Methyl isocyanate | 1* | 3,4 | P064 | A | 10 (4.54) |
| Methane, oxybis(chloro- | 542881 | Bis(chloromethyl)ether Dichloromethyl ether | 1* | 3,4 | P016 | A | 10 (4.54) |
| Methanesulfonyl chloride, trichloro- | 594423 | Trichloromethanesulfonyl chloride | 1* | 4 | P118 | B | 100 (45.4) |
| Methanesulfonic acid, ethyl ester | 62500 | Ethyl methanesulfonate | 1* | 4 | U119 | X | 1 (0.454) |
| Methane, tetrachloro- | 56235 | Carbon tetrachloride | 5000 | 1,2,3,4 | U211 | A | 10 (4.54) |
| Methane, tetranitro- | 509148 | Tetranitromethane | 1* | 4 | P112 | A | 10 (4.54) |
| Methane, tribromo- | 75252 | Bromoform | 1* | 2,3,4 | U225 | B | 100 (45.4) |
| Methane, trichloro- | 67663 | Chloroform | 5000 | 1,2,3,4 | U044 | A | 10 (4.54) |
| Methane, trichloro- fluoro- | 75694 | Trichloromonofluoromethane | 1* | 4 | U121 | D | 5000 (2270) |
| Methanethiol | 74931 | Methylmercaptan Thiomethanol | 100 | 1,4 | U153 | B | 100 (45.4) |
| Methanimidamide, [[[(methylamino)carbonyl]oxy]phenyl]-, (Formetanate hydrochloride). | N,N-dimethyl-N'-[3- monohydrochloride 23422539 | ..... | 1* | 4 | P198 | | ## |
| Methanimidamide, [[[(methylamino)carbonyl]oxy]phenyl]- (Formparanate). | N,N-dimethyl-N'-[2-methyl-4- 17702577 | ..... | 1* | 4 | P197 | | ## |
| 6,9-Methano-2,4,3-benzodioxathiepin, 1,5,5a,6,9,9a- hexahydro-, 3-oxide | 6,7,8,9,10,10-hexachloro- 115297 | Endosulfan | 1 | 1,2,4 | P050 | X | 1 (0.454) |
| 1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5a,5b,6- decachlorooctahydro- | 143500 | Kepone | 1 | 1,4 | U142 | X | 1 (0.454) |
| 4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro- | 76448 | Heptachlor | 1* | 1,2,3,4 | P059 | X | 1 (0.454) |
| 4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a- hexahydro- | 57749 | Chlordane Chlordane, alpha & gamma isomers CHLORDANE (TECHNICAL MIXTURE AND METABOLITES) | 1 | 1,2,3,4 | U036 | X | 1 (0.454) |
| Methanol | 67561 | Methyl alcohol | 1* | 3,4 | U154 | D | 5000 (2270) |
| Methapyrilene | 91805 | 1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl- N'-(2-thienylmethyl)- | 1* | 4 | U155 | D | 5000 (2270) |
| Methomyl | 16752775 | Ethanimidothioic acid, N-[[[(methyl- amino)carbonyl]oxy]-, methyl ester. | 1* | 4 | P066 | B | 100 (45.4) |
| Methoxychlor | 72435 | Benzene, 1,1'-(2,2,2-trichloroethyl- idene)bis[4- methoxy- | 1 | 1,3,4 | U247 | X | 1 (0.454) |
| Methyl alcohol | 67561 | Methanol | 1* | 3,4 | U154 | D | 5000 (2270) |
| 2-Methyl aziridine | 75558 | Aziridine, 2-methyl- 1,2-Propylenimine | 1* | 3,4 | P067 | X | 1 (0.454) |
| Methyl bromide | 74839 | Bromomethane Methane, bromo- | 1* | 2,3,4 | U029 | C | 1000 (454) |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

306

| | | | | | | | |
|--|---------|---|------|-------|------|---|-------------|
| 1-Methylbutadiene | 504609 | 1,3-Pentadiene | 1* | 4 | U186 | B | 100 (45.4) |
| Methyl chloride | 74873 | Chloromethane | 1* | 2,3,4 | U045 | B | 100 (45.4) |
| Methyl chlorocarbonate | 79221 | Methane, chloro- Carbonochloridic acid, methyl ester | 1* | 4 | U156 | C | 1000 (454) |
| Methyl chloroform | 71556 | Methyl chloroformate Ethane, 1,1,1,-trichloro- | 1* | 2,3,4 | U226 | C | 1000 (454) |
| Methyl chloroformate | 79221 | 1,1,1-Trichloroethane Carbonochloridic acid, methyl ester | 1* | 4 | U156 | C | 1000 (454) |
| 3-Methylcholanthrene | 56495 | Methyl chlorocarbonate Benz[j]aceanthrylene, 1,2-dihydro-3-methyl- | 1* | 4 | U157 | A | 10 (4.54) |
| 4,4'-Methylenebis(2-chloroaniline) | 101144 | Benzenamine, 4,4'-methylene-bis(2-chloro- | 1* | 3,4 | U158 | A | 10 (4.54) |
| Methylene bromide | 74953 | Methane, dibromo- | 1* | 4 | U068 | C | 1000 (454) |
| Methylene chloride | 75092 | Dichloromethane | 1* | 2,3,4 | U080 | C | 1000 (454) |
| 4,4'-Methylenedianiline | 101779 | Methane, dichloro- | 1* | 3 | | A | 10 (4.54) |
| Methylene diphenyl diisocyanate | 101688 | MDI | 1* | 3 | | D | 5000 (2270) |
| Methyl ethyl ketone | 78933 | 2-Butanone | 1* | 3,4 | U159 | D | 5000 (2270) |
| Methyl ethyl ketone peroxide | 1338234 | MEK 2-Butanone peroxide | 1* | 4 | U160 | A | 10 (4.54) |
| Methyl hydrazine | 60344 | Hydrazine, methyl- | 1* | 3,4 | P068 | A | 10 (4.54) |
| Methyl iodide | 74884 | Iodomethane | 1* | 3,4 | U138 | B | 100 (45.4) |
| Methyl isobutyl ketone | 108101 | Methane, iodo- Hexane | 1* | 3,4 | U161 | D | 5000 (2270) |
| Methyl isocyanate | 624839 | 4-Methyl-2-pentanone Methane, isocyanato- | 1* | 3,4 | P064 | A | 10 (4.54) |
| 2-Methylacetonitrile | 75865 | Acetone cyanohydrin | 10 | 1,4 | P069 | A | 10 (4.54) |
| Methylmercaptan | 74931 | Propanenitrile, 2-hydroxy-2-methyl- Methanethiol | 100 | 1,4 | U153 | B | 100 (45.4) |
| Methyl methacrylate | 80626 | Thiomethanol 2-Propenoic acid, 2-methyl-, methyl ester | 5000 | 1,3,4 | U162 | C | 1000 (454) |
| Methyl parathion | 298000 | Phosphorothioic acid, O,O-dimethyl O-(4- nitrophenyl) ester. | 100 | 1,4 | P071 | B | 100 (45.4) |
| 4-Methyl-2-pentanone | 108101 | Hexone | 1* | 3,4 | U161 | D | 5000 (2270) |
| Methyl tert-butyl ether | 1634044 | Methyl isobutyl ketone | 1* | 3 | | C | 1000 (454) |
| Methylthiouracil | 56042 | 4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2- thioxo- | 1* | 4 | U164 | A | 10 (4.54) |
| Mevinphos | 7786347 | ..... | 1 | 1 | | A | 10 (4.54) |
| Mexacarbate | 315184 | ..... | 1000 | 1 | | C | 1000 (454) |
| Mitomycin C | 50077 | 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- methyl-, [1aS-(1aalpha, 8beta, 8aalpha, 8balpha)]-]. | 1* | 4 | U010 | A | 10 (4.54) |
| MNNG | 70257 | Guanidine, N-methyl-N'-nitro-N-nitroso- | 1* | 4 | U163 | A | 10 (4.54) |
| Monoethylamine | 75047 | ..... | 1000 | 1 | | B | 100 (45.4) |
| Monomethylamine | 74895 | ..... | 1000 | 1 | | B | 100 (45.4) |
| Multi Source Leachate ..... |  | ..... | 1* | 4 | F039 | X | 1 (0.454) |
| Muscimol | 2763964 | 3(2H)-Isoxazolone, 5-(aminomethyl)- 5- (Aminomethyl)-3-isoxazolol. | 1* | 4 | P007 | C | 1000 (454) |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|--|----------|--|-----------|---------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| Naled | 300765 | ..... | 10 | 1 | | A | 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)- | 20830813 | Daunomycin | 1* | 4 | U059 | A | 10 (4.54) |
| 1-Naphthalenamine | 134327 | alpha-Naphthylamine | 1* | 4 | U167 | B | 100 (45.4) |
| 2-Naphthalenamine | 91598 | beta-Naphthylamine | 1* | 4 | U168 | A | 10 (4.54) |
| Naphthalenamine, N,N'-bis(2-chloroethyl)- | 494031 | Chlornaphazine | 1* | 4 | U026 | B | 100 (45.4) |
| Naphthalene | 91203 | ..... | 5000 | 1,2,3,4 | U165 | B | 100 (45.4) |
| Naphthalene, 2-chloro- | 91587 | beta-Chloronaphthalene 2-Chloronaphthalene .. | 1* | 2,4 | U047 | D | 5000 (2270) |
| 1,4-Naphthalenedione | 130154 | 1,4-Naphthoquinone | 1* | 4 | U166 | D | 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. | 72571 | Trypan blue | 1* | 4 | U236 | A | 10 (4.54) |
| Naphthencic acid | 1338245 | ..... | 100 | 1 | | B | 100 (45.4) |
| 1,4-Naphthoquinone | 130154 | 1,4-Naphthalenedione | 1* | 4 | U166 | D | 5000 (2270) |
| alpha-Naphthylamine | 134327 | 1-Naphthalenamine | 1* | 4 | U167 | B | 100 (45.4) |
| beta-Naphthylamine | 91598 | 2-Naphthalenamine | 1* | 4 | U168 | A | 10 (4.54) |
| alpha-Naphthylthiourea | 86884 | Thiourea, 1-naphthalenyl- | 1* | 4 | P072 | B | 100 (45.4) |
| Nickel ‡ | 7440020 | ..... | 1* | 2 | | B | 100 (45.4) |
| Nickel ammonium sulfate | 15699180 | ..... | 5000 | 1 | | B | 100 (45.4) |
| NICKEL AND COMPOUNDS | N.A. | Nickel Compounds | 1* | 2,3 | | | ** |
| Nickel Compounds | N.A. | NICKEL AND COMPOUNDS | 1* | 2,3 | | | ** |
| Nickel carbonyl | 13463393 | Nickel carbonyl Ni(CO)4, (T-4)- | 1* | 4 | P073 | A | 10 (4.54) |
| Nickel carbonyl Ni(CO)4, (T-4)- | 13463393 | Nickel carbonyl | 1* | 4 | P073 | A | 10 (4.54) |
| Nickel chloride | 7718549 | ..... | 5000 | 1 | | B | 100 (45.4) |
| ..... | 37211055 | ..... |  |  |  |  |  |
| Nickel cyanide | 557197 | Nickel cyanide Ni(CN)2 | 1* | 4 | P074 | A | 10 (4.54) |
| Nickel cyanide Ni(CN)2 | 557197 | Nickel cyanide | 1* | 4 | P074 | A | 10 (4.54) |
| Nickel hydroxide | 12054487 | ..... | 1000 | 1 | | A | 10 (4.54) |
| Nickel nitrate | 14216752 | ..... | 5000 | 1 | | B | 100 (45.4) |
| Nickel sulfate | 7786814 | ..... | 5000 | 1 | | B | 100 (45.4) |
| Nicotine, & salts | 54115 | Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)- | 1* | 4 | P075 | B | 100 (45.4) |
| Nitric acid | 7697372 | ..... | 1000 | 1 | | C | 1000 (454) |
| Nitric acid, thallium (1+) salt | 10102451 | Thallium (I) nitrate | 1* | 4 | U217 | B | 100 (45.4) |
| Nitric oxide | 10102439 | Nitrogen oxide NO | 1* | 4 | P076 | A | 10 (4.54) |
| p-Nitroaniline | 100016 | Benzenamine, 4-nitro- | 1* | 4 | P077 | D | 5000 (2270) |
| Nitrobenzene | 98953 | Benzene, nitro- | 1000 | 1,2,3,4 | U169 | C | 1000 (454) |
| 4-Nitrobiphenyl | 92933 | ..... | 1* | 3 | | A | 10 (4.54) |
| Nitrogen dioxide | 10102440 | Nitrogen oxide NO ₂ | 1000 | 1,4 | P078 | A | 10 (4.54) |
| ..... | 10544726 | ..... |  |  |  |  |  |
| Nitrogen oxide NO | 10102439 | Nitric oxide | 1* | 4 | P076 | A | 10 (4.54) |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

| | | | | | | | |
|--|----------|---|------|---------|------|---|------------|
| Nitrogen oxide NO ₂ | 10102440 | Nitrogen dioxide | 1000 | 1,4 | P078 | A | 10 (4.54) |
| | 10544726 | | | | | | |
| Nitroglycerine | 55630 | 1,2,3-Propanetriol, trinitrate- | 1* | 4 | P081 | A | 10 (4.54) |
| Nitrophenol (mixed) | 25154556 | ..... | 1000 | 1 | | B | 100 (45.4) |
| m-Nitrophenol | 554847 | ..... |  |  |  | B | 100 (45.4) |
| o-Nitrophenol | 88755 | 2-Nitrophenol | | | | | |
| p-Nitrophenol | 100027 | 4-Nitrophenol | 1000 | 1,2,3,4 | U170 | B | 100 (45.4) |
| | | Phenol, 4-nitro- | | | | | |
| o-Nitrophenol | 88755 | 2-Nitrophenol | 1000 | 1,2 | | B | 100 (45.4) |
| p-Nitrophenol | 100027 | Phenol, 4-nitro- | 1000 | 1,2,4 | U170 | B | 100 (45.4) |
| | | 4-Nitrophenol | | | | | |
| 2-Nitrophenol | 88755 | o-Nitrophenol | 1000 | 1,2 | | B | 100 (45.4) |
| 4-Nitrophenol | 100027 | p-Nitrophenol | 1000 | 1,2,3,4 | U170 | B | 100 (45.4) |
| | | Phenol, 4-nitro- | | | | | |
| NITROPHENOLS | N.A. | ..... | 1* | 2 | | | ** |
| 2-Nitropropane | 79469 | Propane, 2-nitro | 1* | 3,4 | U171 | A | 10 (4.54) |
| NITROSAMINES | N.A. | ..... | 1* | 2 | | | ** |
| N-Nitrosodi-n-butylamine | 924163 | 1-Butanamine, N-butyl-N-nitroso- | 1* | 4 | U172 | A | 10 (4.54) |
| N-Nitrosodiethanolamine | 1116547 | Ethanol, 2,2'-(nitrosoimino)bis- | 1* | 4 | U173 | X | 1 (0.454) |
| N-Nitrosodiethylamine | 55185 | Ethanamine, N-ethyl-N-nitroso- | 1* | 4 | U174 | X | 1 (0.454) |
| N-Nitrosodimethylamine | 62759 | Methanamine, N-methyl-N-nitroso- | 1* | 2,3,4 | P082 | A | 10 (4.54) |
| N-Nitrosodiphenylamine | 86306 | ..... | 1* | 2 | | B | 100 (45.4) |
| N-Nitroso-N-ethylurea | 759739 | Urea, N-ethyl-N-nitroso- | 1* | 4 | U176 | X | 1 (0.454) |
| N-Nitroso-N-methylurea | 684935 | Urea, N-methyl-N-nitroso | 1* | 3,4 | U177 | X | 1 (0.454) |
| N-Nitroso-N-methylurethane | 615532 | Carbamic acid, methylnitroso-, ethyl ester | 1* | 4 | U178 | X | 1 (0.454) |
| N-Nitrosomethylvinylamine | 4549400 | Vinylamine, N-methyl-N-nitroso- | 1* | 4 | P084 | A | 10 (4.54) |
| N-Nitrosomorpholine | 59892 | ..... | 1* | 3 | | X | 1 (0.454) |
| N-Nitrosopiperidine | 100754 | Piperidine, 1-nitroso- | 1* | 4 | U179 | A | 10 (4.54) |
| N-Nitrosopyrrolidine | 930552 | Pyrrolidine, 1-nitroso- | 1* | 4 | U180 | X | 1 (0.454) |
| Nitrotoluene | 1321126 | ..... | 1000 | 1 | | C | 1000 (454) |
| m-Nitrotoluene | 99081 | | | | | | |
| o-Nitrotoluene | 88722 | | | | | | |
| p-Nitrotoluene | 99990 | | | | | | |
| 5-Nitro-o-toluidine | 99558 | Benzenamine, 2-methyl-5-nitro- | 1* | 4 | U181 | B | 100 (45.4) |
| Octamethylpyrophosphoramidate | 152169 | Diphosphoramidate, octamethyl- | 1* | 4 | P085 | B | 100 (45.4) |
| Osmium oxide OsO ₄ (T-4)- | 20816120 | Osmium tetroxide | 1* | 4 | P087 | C | 1000 (454) |
| Osmium tetroxide | 20816120 | Osmium oxide OsO ₄ (T-4)- | 1* | 4 | P087 | C | 1000 (454) |
| 7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid | 145733 | Endothall | 1* | 4 | P088 | C | 1000 (454) |
| 1,2-Oxathiolane, 2,2-dioxide | 1120714 | 1,3-Propane sultone | 1* | 3,4 | U193 | A | 10 (4.54) |
| 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide | 50180 | Cyclophosphamide | 1* | 4 | U058 | A | 10 (4.54) |
| Oxirane | 75218 | Ethylene oxide | 1* | 3,4 | U115 | A | 10 (4.54) |
| Oxiranecarboxyaldehyde | 765344 | Glycidylaldehyde | 1* | 4 | U126 | A | 10 (4.54) |
| Oxirane, (chloromethyl)- | 106898 | 1-Chloro-2,3-epoxypropane | 1000 | 1,3,4 | U041 | B | 100 (45.4) |
| | | Epichlorohydrin | | | | | |
| Paraformaldehyde | 30525894 | ..... | 1000 | 1 | | C | 1000 (454) |
| Paraldehyde | 123637 | 1,3,5-Trioxane, 2,4,6-trimethyl- | 1* | 4 | U182 | C | 1000 (454) |
| Parathion | 56382 | Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester | 1 | 1,3,4 | P089 | A | 10 (4.54) |
| PCBs | 1336363 | Aroclors | 10 | 1,2,3 | | X | 1 (0.454) |
| | | POLYCHLORINATED BIPHENYLS | | | | | |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|--|----------|---------------------------------------|-----------|---------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| Aroclor 1016 | 12674112 | ..... | 10 | 1,2,3 | | X | 1 (0.454) |
| Aroclor 1221 | 11104282 | ..... | 10 | 1,2,3 | | X | 1 (0.454) |
| Aroclor 1232 | 11141165 | ..... | 10 | 1,2,3 | | X | 1 (0.454) |
| Aroclor 1242 | 53469219 | ..... | 10 | 1,2,3 | | X | 1 (0.454) |
| Aroclor 1248 | 12672296 | ..... | 10 | 1,2,3 | | X | 1 (0.454) |
| Aroclor 1254 | 11097691 | ..... | 10 | 1,2,3 | | X | 1 (0.454) |
| Aroclor 1260 | 11096825 | ..... | 10 | 1,2,3 | | X | 1 (0.454) |
| PCNB | 82688 | Benzene, pentachloronitro- | 1* | 3,4 | U185 | B | 100 (45.4) |
| | | Pentachloronitro- benzene | | | | | |
| | | Quintobenzene | | | | | |
| Pentachlorobenzene | 608935 | Benzene, pentachloro- | 1* | 4 | U183 | A | 10 (4.54) |
| Pentachloroethane | 76017 | Ethane, pentachloro- | 1* | 4 | U184 | A | 10 (4.54) |
| Pentachloronitrobenzene | 82688 | Benzene, pentachloronitro- | 1* | 3,4 | U185 | B | 100 (45.4) |
| | | PCNB | | | | | |
| | | Quintobenzene | | | | | |
| Pentachlorophenol | 87865 | Phenol, pentachloro- | 10 | 1,2,3,4 | U242 | A | 10 (4.54) |
| 1,3-Pentadiene | 504609 | 1-Methylbutadiene | 1* | 4 | U186 | B | 100 (45.4) |
| Perchloroethylene | 127184 | Ethene, tetrachloro- | 1* | 2,3,4 | U210 | B | 100 (45.4) |
| | | Tetrachloroethene | | | | | |
| | | Tetrachloroethylene | | | | | |
| Phenacetin | 62442 | Acetamide, N-(4-ethoxyphenyl)- | 1* | 4 | U187 | B | 100 (45.4) |
| Phenanthrene | 85018 | ..... | 1* | 2 | | D | 5000 (2270) |
| Phenol | 108952 | Benzene, hydroxy- | 1000 | 1,2,3,4 | U188 | C | 1000 (454) |
| Phenol, 2-chloro- | 95578 | o-Chlorophenol 2-Chlorophenol | 1* | 2,4 | U048 | B | 100 (45.4) |
| Phenol, 4-chloro-3-methyl- | 59507 | p-Chloro-m-cresol | 1* | 2,4 | U039 | D | 5000 (2270) |
| | | 4-Chloro-m-cresol | | | | | |
| Phenol, 2-cyclohexyl-4,6-dinitro- | 131895 | 2-Cyclohexyl-4,6-dinitrophenol | 1* | 4 | P034 | B | 100 (45.4) |
| Phenol, 2,4-dichloro- | 120832 | 2,4-Dichlorophenol | 1* | 2,4 | U081 | B | 100 (45.4) |
| Phenol, 2,6-dichloro- | 87650 | 2,6-Dichlorophenol | 1* | 4 | U082 | B | 100 (45.4) |
| Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E) | 56531 | Diethylstilbestrol | 1* | 4 | U089 | X | 1 (0.454) |
| Phenol, 2,4-dimethyl- | 105679 | 2,4-Dimethylphenol | 1* | 2,4 | U101 | B | 100(45.4) |
| Phenol, 2,4-dinitro- | 51285 | 2,4-Dinitrophenol | 1000 | 1,2,3,4 | P048 | A | 10 (4.54) |
| Phenol, methyl- | 1319773 | Cresols (isomers and mixture) | 1000 | 1,3,4 | U052 | B | 100 (45.4) |
| | | Cresylic acid (isomers and mixture) | | | | | |
| Phenol, 2-methyl-4,6-dinitro-, & salts | 534521 | 4,6-Dinitro-o-cresol, and salts | 1* | 2,3,4 | P047 | A | 10 (4.54) |
| Phenol, 2,2'-methylenebis[3,4,6-trichloro- | 70304 | Hexachlorophene | 1* | 4 | U132 | B | 100 (45.4) |
| Phenol, 3-(1-methylethyl)-, methyl carbamate (m-Cumenyl methylcarbamate) | 64006 | ..... | 1* | 4 | P202 | | ## |
| Phenol, 2-(1-methylpropyl)-4,6-dinitro | 88857 | Dinoseb | 1* | 4 | P020 | C | 1000 (454) |
| Phenol, 3-methyl-5-(1-methylethyl)-, methyl carbamate (Promecarb) | 2631370 | ..... | 1* | 4 | P201 | | ## |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

| | | | | | | | |
|---|----------|---|------|---------|------|---|-------------|
| Phenol, 4-nitro- | 100027 | p-Nitrophenol | 1000 | 1,2,3,4 | U170 | B | 100 (45.4) |
| Phenol, pentachloro | 87865 | 4-Nitrophenol | | | | | |
| Phenol, 2,3,4,6-tetrachloro- | 58902 | Pentachlorophenol | 10 | 1,2,3,4 | U242 | A | 10 (4.54) |
| Phenol, 2,4,5-trichloro- | 95954 | 2,3,4,6-Tetrachlorophenol | 1* | 4 | U212 | A | 10 (4.54) |
| Phenol, 2,4,6-trichloro- | 88062 | 2,4,5-Trichlorophenol | 10 | 1,3,4 | U230 | A | 10 (4.54) |
| Phenol, 2,4,6-trinitro-, ammonium salt | 131748 | 2,4,6-Trichlorophenol | 10 | 1,2,3,4 | U231 | A | 10 (4.54) |
| L-Phenylalanine, 4-[bis(2-chloroethyl) aminol] | 148823 | Ammonium picrate | 1* | 4 | P009 | A | 10 (4.54) |
| p-Phenylenediamine | 106503 | Melphalan | 1* | 4 | U150 | X | 1 (0.454) |
| 1,10-(1,2-Phenylene)pyrene | 193395 | ..... | 1* | 3 | | D | 5000 (2270) |
| Phenylmercury acetate | 62384 | Indeno(1,2,3-cd)pyrene | 1* | 2,4 | U137 | B | 100 (45.4) |
| Phenylthiourea | 103855 | Mercury, (acetato-O)phenyl- | 1* | 4 | P092 | B | 100 (45.4) |
| Phorate | 298022 | Thiourea, phenyl- | 1* | 4 | P093 | B | 100 (45.4) |
| Phosgene | 75445 | Phosphorodithioic acid, O,O-diethyl S- (ethylthio), methyl ester. | 1* | 4 | P094 | A | 10 (4.54) |
| Phosphine | 7803512 | Carbonic dichloride | 5000 | 1,3,4 | P095 | A | 10 (4.54) |
| Phosphoric acid | 7664382 | Hydrogen phosphide | 1* | 3,4 | P096 | B | 100 (45.4) |
| Phosphoric acid, diethyl 4-nitrophenyl ester | 311455 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Phosphoric acid, lead(2+) salt (2:3) | 7446277 | Diethyl-p-nitrophenyl phosphate | 1* | 4 | P041 | B | 100 (45.4) |
| Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl]ester | 298044 | Lead phosphate | 1* | 4 | U145 | A | 10 (4.54) |
| Phosphorodithioic acid, O,O-diethyl S-(ethylthio), methyl ester | 298022 | Disulfoton | 1 | 1,4 | P039 | X | 1 (0.454) |
| Phosphorodithioic acid, O,O-diethyl S-methyl ester | 3288582 | Phorate | 1* | 4 | P094 | A | 10 (4.54) |
| Phosphorodithioic acid, O,O-dimethyl S-[2(methylamino)-2-oxoethyl] ester | 60515 | O,O-Diethyl S-methyl dithiophosphate | 1* | 4 | U087 | D | 5000 (2270) |
| Phosphorofluoric acid, bis(1-methylethyl) ester | 55914 | Dimethoate | 1* | 4 | P044 | A | 10 (4.54) |
| Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester | 56382 | Diisopropylfluorophosphate | 1* | 4 | P043 | B | 100 (45.4) |
| Phosphorothioic acid, O,[4-[(dimethylamino) sulfonyl]phenyl]O,O-di-methyl ester | 52857 | Parathion | 1 | 1,3,4 | P089 | A | 10 (4.54) |
| Phosphorothioic acid, O,O-dimethyl O-(4- nitrophenyl) ester | 298000 | Famphur | 1* | 4 | P097 | C | 1000 (454) |
| Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester | 297972 | Methyl parathion | 100 | 1,4 | P071 | B | 100 (45.4) |
| Phosphorus | 7723140 | O,O-Diethyl O-pyrazinyl phosphorothioate | 1* | 4 | P040 | B | 100 (45.4) |
| Phosphorous oxychloride | 10025873 | ..... | 1 | 1,3 | | X | 1 (0.454) |
| Phosphorus pentasulfide | 1314803 | ..... | 5000 | 1 | | C | 1000 (454) |
| Phosphorus sulfide | 1314803 | Phosphorus sulfide Sulfur phosphide | 100 | 1,4 | U189 | B | 100 (45.4) |
| Phosphorus trichloride | 7719122 | Phosphorus pentasulfide Sulfur phosphide | 100 | 1,4 | U189 | B | 100 (45.4) |
| PTHALATE ESTERS | N.A. | ..... | 5000 | 1 | | C | 1000 (454) |
| Phthalic anhydride | 85449 | ..... | 1* | 2 | | | ** |
| 2-Picoline | 109068 | 1,3-Isobenzofurandione | 1* | 3,4 | U190 | D | 5000 (2270) |
| Piperidine, 1-nitroso- | 100754 | Pyridine, 2-methyl- | 1* | 4 | U191 | D | 5000 (2270) |
| Plumbane, tetraethyl- | 78002 | N-Nitrosopiperidine | 1* | 4 | U179 | A | 10 (4.54) |
| POLYCHLORINATED BIPHENYLS | 1336363 | Tetraethyl lead | 100 | 1,4 | P110 | A | 10 (4.54) |
| Aroclor 1016 | 12674112 | Aroclors | 10 | 1,2,3 | | X | 1 (0.454) |
| Aroclor 1221 | 11104282 | PCBs | 10 | 1,2,3 | | X | 1 (0.454) |
| Aroclor 1232 | 11141165 | ..... | 10 | 1,2,3 | | X | 1 (0.454) |
| Aroclor 1242 | 53469219 | ..... | 10 | 1,2,3 | | X | 1 (0.454) |
| Aroclor 1248 | 12672296 | ..... | 10 | 1,2,3 | | X | 1 (0.454) |
| Aroclor 1254 | 11097691 | ..... | 10 | 1,2,3 | | X | 1 (0.454) |
| Aroclor 1260 | 11096825 | ..... | 10 | 1,2,3 | | X | 1 (0.454) |
| Polycyclic Organic Matter ^e | N.A. | ..... | 1* | 3 | | | ** |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|---|----------|--|-----------|---------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| POLYNUCLEAR AROMATIC HYDROCARBONS | N.A. | ..... | 1* | 2 | | | ** |
| Potassium arsenate | 7784410 | ..... | 1000 | 1 | | X | 1 (0.454) |
| Potassium arsenite | 10124502 | ..... | 1000 | 1 | | X | 1 (0.454) |
| Potassium bichromate | 7778509 | ..... | 1000 | 1 | | A | 10 (4.54) |
| Potassium chromate | 7789006 | ..... | 1000 | 1 | | A | 10 (4.54) |
| Potassium cyanide | 151508 | Potassium cyanide K (CN) | 10 | 1,4 | P098 | A | 10 (4.54) |
| Potassium cyanide K(CN) | 151508 | Potassium cyanide | 10 | 1,4 | P098 | A | 10 (4.54) |
| Potassium hydroxide | 1310583 | ..... | 1000 | 1 | | C | 1000 (454) |
| Potassium permanganate | 7722647 | ..... | 100 | 1 | | B | 100 (45.4) |
| Potassium silver cyanide | 506616 | Argentate (1-), bis(cyano-C)-, potassium | 1* | 4 | P099 | X | 1 (0.454) |
| Pronamide | 23950585 | Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)- | 1* | 4 | U192 | D | 5000 (2270) |
| Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl]oxime | 116063 | Aldicarb | 1* | 4 | P070 | X | 1 (0.454) |
| 1-Propanamine | 107108 | n-Propylamine | 1* | 4 | U194 | D | 5000 (2270) |
| 1-Propanamine, N-propyl- | 142847 | Dipropylamine | 1* | 4 | U110 | D | 5000 (2270) |
| 1-Propanamine, N-nitroso-N-propyl- | 621647 | Di-n-propylnitrosamine | 1* | 2,4 | U111 | A | 10 (4.54) |
| Propane, 2-nitro | 79469 | 2-Nitropropane | 1* | 3,4 | U171 | A | 10 (4.54) |
| 1,3-Propane sultone | 1120714 | 1,2-Oxathiolane, 2,2-dioxide | 1* | 3,4 | U193 | A | 10 (4.54) |
| Propane, 1,2-dibromo-3-chloro | 96128 | 1,2-Dibromo-3-chloropropane | 1* | 3,4 | U066 | X | 1 (0.454) |
| Propane, 1,2-dichloro- | 78875 | 1,2-Dichloropropane | 5000 | 1,2,3,4 | U083 | C | 1000 (454) |
| Propanedinitrile | 109773 | Propylene dichloride | 1* | 4 | U149 | C | 1000 (454) |
| Propanenitrile | 107120 | Malononitrile | 1* | 4 | P101 | A | 10 (4.54) |
| Propanenitrile, 3-chloro- | 542767 | Ethyl cyanide | 1* | 4 | P027 | C | 1000 (454) |
| Propanenitrile, 2-hydroxy-2-methyl- | 75865 | 3-Chloropropionitrile | 10 | 1,4 | P069 | A | 10 (4.54) |
| Propane, 2,2'-oxybis[2-chloro- | 108601 | Acetone cyanohydrin | 1* | 2,4 | U027 | C | 1000 (454) |
| 1,2,3-Propanetriol, trinitrate- | 55630 | 2-Methylactonitrile | 1* | 4 | P081 | A | 10 (4.54) |
| 1-Propanol, 2,3-dibromo-, phosphate (3:1) | 126727 | Dichloroisopropyl ether | 1* | 4 | U235 | A | 10 (4.54) |
| 1-Propanol, 2-methyl- | 78831 | Nitroglycerine | 1* | 4 | U140 | D | 5000 (2270) |
| Propanal, 2-methyl-2-(methylsulfonyl)-, O-[(methylamino)carbonyl] oxime (Aldicarb sulfone). | 1646884 | Tris(2,3-dibromopropyl) phosphate | 1* | 4 | P203 | | ## |
| 2-Propanone | 67641 | Isobutyl alcohol | 1* | 4 | U002 | D | 5000 (2270) |
| 2-Propanone, 1-bromo- | 598312 | Acetone | 1* | 4 | P017 | C | 1000 (454) |
| Propargite | 2312358 | Bromoacetone | 10 | 1 | | A | 10 (4.54) |
| Propargyl alcohol | 107197 | 2-Propyn-1-ol | 1* | 4 | P102 | C | 1000 (454) |
| 2-Propenal | 107028 | Acrolein | 1 | 1,2,3,4 | P003 | X | 1 (0.454) |
| 2-Propenamide | 79061 | Acrylamide | 1* | 3,4 | U007 | D | 5000 (2270) |
| 1-Propene, 1,1,2,3,3,3-hexachloro- | 1888717 | Hexachloropropene | 1* | 4 | U243 | C | 1000 (454) |
| 1-Propene, 1,3-dichloro- | 542756 | 1,3-Dichloropropene | 5000 | 1,2,3,4 | U084 | B | 100 (45.4) |
| 2-Propenenitrile | 107131 | Acrylonitrile | 100 | 1,2,3,4 | U009 | B | 100 (45.4) |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

| | | | | | | | |
|--|---------|--|------|---------|------|---|-------------|
| 2-Propenenitrile, 2-methyl- | 126987 | Methacrylonitrile | 1* | 4 | U152 | C | 1000 (45.4) |
| 2-Propenoic acid | 79107 | Acrylic acid | 1* | 3,4 | U008 | D | 5000 (2270) |
| 2-Propenoic acid, ethyl ester | 140885 | Ethyl acrylate | 1* | 3,4 | U113 | C | 1000 (45.4) |
| 2-Propenoic acid, 2-methyl-, ethyl ester | 97632 | Ethyl methacrylate | 1* | 4 | U118 | C | 1000 (45.4) |
| 2-Propenoic acid, 2-methyl-, methyl ester | 80626 | Methyl methacrylate | 5000 | 1,3,4 | U162 | C | 1000 (45.4) |
| 2-Propen-1-ol | 107186 | Allyl alcohol | 100 | 1,4 | P005 | B | 100 (45.4) |
| beta-Propiolactone | 57578 | ..... | 1* | 3 | | A | 10 (4.54) |
| Propionaldehyde | 123386 | ..... | 1* | 3 | | C | 1000 (45.4) |
| Propionic acid | 79094 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Propionic acid, 2-(2,4,5-trichlorophenoxy)- | 93721 | Silvex (2,4,5-TP) | 100 | 1,4 | U233 | B | 100 (45.4) |
| ..... |  | 2,4,5-TP acid | | | | | |
| Propionic anhydride | 123626 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Propoxur (Baygon) | 114261 | ..... | 1* | 3 | | B | 100 (45.4) |
| n-Propylamine | 107108 | 1-Propanamine | 1* | 4 | U194 | D | 5000 (2270) |
| Propylene dichloride | 78875 | 1,2-Dichloropropane | 5000 | 1,2,3,4 | U083 | C | 1000 (45.4) |
| ..... |  | Propane, 1,2-dichloro- | | | | | |
| Propylene oxide | 75569 | ..... | 5000 | 1,3 | | B | 100 (45.4) |
| 1,2-Propylenimine | 75558 | Aziridine, 2-methyl- | 1* | 3,4 | P067 | X | 1 (0.454) |
| ..... |  | 2-Methyl aziridine | | | | | |
| 2-Propyn-1-ol | 107197 | Propargyl alcohol | 1* | 4 | P102 | C | 1000 (45.4) |
| Pyrene | 129000 | ..... | 1* | 2 | | D | 5000 (2270) |
| Pyrethrins | 121299 | ..... | 1000 | 1 | | X | 1 (0.545) |
| ..... | 121211 | ..... |  |  |  |  |  |
| ..... | 8003347 | ..... |  |  |  |  |  |
| 3,6-Pyridazinedione, 1,2-dihydro- | 123331 | Maleic hydrazide | 1* | 4 | U148 | D | 5000 (2270) |
| 4-Pyridinamine | 504245 | 4-Aminopyridine | 1* | 4 | P008 | C | 1000 (45.4) |
| Pyridine | 110861 | ..... | 1* | 4 | U196 | C | 1000 (45.4) |
| Pyridine, 2-methyl- | 109068 | 2-Picoline | 1* | 4 | U191 | D | 5000 (2270) |
| Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)- | 54115 | Nicotine, & salts | 1* | 4 | P075 | B | 100 (45.4) |
| 2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]- | 66751 | Uracil mustard | 1* | 4 | U237 | A | 10 (4.54) |
| 4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo- | 56042 | Methylthiouracil | 1* | 4 | U164 | A | 10 (4.54) |
| Pyrrolidine, 1-nitroso- | 930552 | N-Nitrosopyrrolidine | 1* | 4 | U180 | X | 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)-(Physostigmine) | 57476 | ..... | 1* | 4 | P204 | | ## |
| Quinoline | 91225 | ..... | 1000 | 1,3 | | D | 5000 (2270) |
| Quinone | 106514 | p-Benzoquinone | 1* | 3,4 | U197 | A | 10 (4.54) |
| ..... |  | 2,5-Cyclohexadiene-1,4-dione | | | | | |
| Quintobenzene | 82688 | Benzene, pentachloronitro | 1* | 3,4 | U185 | B | 100(45.4) |
| ..... |  | PCNB | | | | | |
| ..... |  | Pentachloronitro- benzene | | | | | |
| RADIONUCLIDES | N.A. | ..... | 1* | 3 | | | § |
| Radionuclides (including radon) | N.A. | ..... | 1* | 3 | | | § |
| Reserpine | 50555 | Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy-, methyl ester (3beta, 16beta, 17alpha, 18beta, 20alpha)-] | 1* | 4 | U200 | D | 5000 (2270) |
| Resorcinol | 108463 | 1,3-Benzenediol | 1000 | 1,4 | U201 | D | 5000 (2270) |
| Saccharin and salts | 81072 | 1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide | 1* | 4 | U202 | B | 100 (45.4) |
| Safrole | 94597 | 1,3-Benzodioxole, 5-(2-propenyl)- | 1* | 4 | U203 | B | 100 (45.4) |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|--------------------------------------|----------|--|-----------|--------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| Selenious acid | 7783008 | ..... | 1* | 4 | U204 | A | 10 (4.54) |
| Selenious acid, dithallium (1+) salt | 12039520 | Thallium selenite | 1* | 4 | P114 | C | 1000 (454) |
| Selenium ‡ | 7782492 | ..... | 1* | 2 | | B | 100 (45.4) |
| SELENIUM AND COMPOUNDS | N.A. | Selenium Compounds | 1* | 2,3 | | | ** |
| Selenium Compounds | N.A. | SELENIUM COMPOUNDS | 1* | 2,3 | | | ** |
| Selenium dioxide | 7446084 | ..... | 1000 | 1,4 | U204 | A | 10 (4.54) |
| Selenium oxide | 7446084 | Selenium dioxide | 1000 | 1,4 | U204 | A | 10 (4.54) |
| Selenium sulfide | 7488564 | ..... | 1* | 4 | U205 | A | 10 (4.54) |
| Selenium sulfide SeS ₂ | 7488564 | Selenium sulfide | 1* | 4 | U205 | A | 10 (4.54) |
| Selenourea | 630104 | ..... | 1* | 4 | P103 | C | 1000 (454) |
| L-Serine, diazoacetate (ester) | 115026 | Azaserine | 1* | 4 | U015 | X | 1 (0.454) |
| Silver ‡ | 7440224 | ..... | 1* | 2 | | C | 1000 (454) |
| SILVER AND COMPOUNDS | N.A. | ..... | 1* | 2 | | | ** |
| Silver cyanide | 506649 | Silver cyanide Ag (CN) | 1* | 4 | P104 | X | 1 (0.454) |
| Silver cyanide Ag (CN) | 506649 | Silver cyanide | 1* | 4 | P104 | X | 1 (0.454) |
| Silver nitrate | 7761888 | ..... | 1 | 1 | | X | 1 (0.454) |
| Silvex (2,4,5-TP) | 93721 | Propionic acid, 2-(2,4,5-trichlorophenoxy)- 2,4,5-TP acid | 100 | 1,4 | U233 | B | 100 (45.4) |
| Sodium | 7440235 | ..... | 1000 | 1 | | A | 10 (4.54) |
| Sodium arsenate | 7631892 | ..... | 1000 | 1 | | X | 1 (0.454) |
| Sodium arsenite | 7784465 | ..... | 1000 | 1 | | X | 1 (0.454) |
| Sodium azide | 26628228 | ..... | 1* | 4 | P105 | C | 1000 (454) |
| Sodium bichromate | 10588019 | ..... | 1000 | 1 | | A | 10 (4.54) |
| Sodium bifluoride | 1333831 | ..... | 5000 | 1 | | B | 100 (45.4) |
| Sodium bisulfite | 7631905 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Sodium chromate | 7775113 | ..... | 1000 | 1 | | A | 10 (4.54) |
| Sodium cyanide | 143339 | Sodium cyanide Na(CN) | 10 | 1,4 | P106 | A | 10 (4.54) |
| Sodium cyanide Na(CN) | 143339 | Sodium cyanide | 10 | 1,4 | P106 | A | 10 (4.54) |
| Sodium dodecylbenzenesulfonate | 25155300 | ..... | 1000 | 1 | | C | 1000 (454) |
| Sodium fluoride | 7681494 | ..... | 5000 | 1 | | C | 1000 (454) |
| Sodium hydrosulfide | 16721805 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Sodium hydroxide | 1310732 | ..... | 1000 | 1 | | C | 1000 (454) |
| Sodium hypochlorite | 7681529 | ..... | 100 | 1 | | B | 100 (45.4) |
| | 10022705 | ..... |  |  |  |  |  |
| Sodium methylate | 124414 | ..... | 1000 | 1 | | C | 1000 (454) |
| Sodium nitrite | 7632000 | ..... | 100 | 1 | | B | 100 (45.4) |
| Sodium phosphate, dibasic | 7558794 | ..... | 5000 | 1 | | D | 5000 (2270) |
| | 10039324 | ..... |  |  |  |  |  |
| | 10140655 | ..... |  |  |  |  |  |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

| | | | | | | | |
|---|---|---|------|-------|------|---|-------------|
| Sodium phosphate, tribasic | 7601549 7758294 7785844 10101890 10124568 10361894 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Sodium selenite | 10102188 7782823 | ..... | 1000 | 1 | | B | 100 (45.4) |
| Streptozotocin | 18883664 | D-Glucose, 2-deoxy-2-[[methylnitrosoamino]- carbonyl]amino]- Glucopyranose, 2-deoxy-2-(3-methyl-3- nitrosoureido)- | 1* | 4 | U206 | X | 1 (0.454) |
| Strontium chromate | 7789062 | ..... | 1000 | 1 | | A | 10 (4.54) |
| Strychnidin-10-one | 57249 | Strychnine, & salts | 10 | 1,4 | P108 | A | 10 (4.54) |
| Strychnidin-10-one, 2,3-dimethoxy- | 357573 | Brucine | 1* | 4 | P018 | B | 100 (45.4) |
| Strychnine, & salts | 57249 | Strychnidin-10-one | 10 | 1,4 | P108 | A | 10 (4.54) |
| Styrene | 100425 | ..... | 1000 | 1,3 | | C | 1000(454) |
| Styrene oxide | 96093 | ..... | 1* | 3 | | B | 100 (45.4) |
| Sulfur monochloride | 12771083 | ..... | 1000 | 1 | | C | 1000 (454) |
| Sulfur phosphide | 1314803 | Phosphorus pentasulfide | 100 | 1,4 | U189 | B | 100 (45.4) |
| | | Phosphorus sulfide | | | | | |
| Sulfuric acid | 7664939 8014957 | ..... | 1000 | 1 | | C | 1000 (454) |
| Sulfuric acid, dithallium (1+) salt | 7446186 10031591 | Thallium (I) sulfate | 1000 | 1,4 | P115 | B | 100 (45.4) |
| Sulfuric acid, dimethyl ester | 77781 | Dimethyl sulfate | 1* | 3,4 | U103 | B | 100(45.4) |
| 2,4,5-T acid | 93765 | Acetic acid, (2,4,5-trichlorophenoxy) | 100 | 1,4 | U232 | C | 1000 (454) |
| | | 2,4,5-T | | | | | |
| 2,4,5-T amines | 2008460 1319728 3813147 6369966 6369977 | ..... | 100 | 1 | | D | 5000 (2270) |
| 2,4,5-T esters | 93798 1928478 2545597 25168154 61792072 | ..... | 100 | 1 | | C | 1000 (454) |
| 2,4,5-T salts | 13560991 | ..... | 100 | 1 | | C | 1000 (454) |
| 2,4,5-T | 93765 | Acetic acid, (2,4,5-trichlorophenoxy) | 100 | 1,4 | U232 | C | 1000 (454) |
| | | 2,4,5-T acid | | | | | |
| TCDD | 1746016 | 2,3,7,8,-Tetrachlorodibenzo-p-dioxin | 1* | 2,3 | | X | 1(0.454) |
| TDE | 72548 | Benzene, 1,1'-(2,2-dichloroethylidene)bis[4- chloro- DDD 4,4' DDD. | 1 | 1,2,4 | U060 | X | 1 (0.454) |
| 1,2,4,5-Tetrachlorobenzene | 95943 | Benzene, 1,2,4,5-tetrachloro- | 1* | 4 | U207 | D | 5000 (2270) |
| 2,3,7,8-Tetrachlorodibenzo-p-dioxin | 1746016 | TCDD | 1* | 2,3 | | X | 1(0.454) |
| 1,1,1,2-Tetrachloroethane | 630206 | Ethane, 1,1,1,2-tetrachloro- | 1* | 4 | U208 | B | 100 (45.4) |
| 1,1,2,2,-Tetrachloroethane | 79345 | Ethane, 1,1,2,2,-tetrachloro- | 1* | 2,3,4 | U209 | B | 100(45.4) |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|--|----------|--|-----------|--------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| Tetrachloroethene | 127184 | Ethene, tetrachloro- Perchloroethylene Tetrachloroethylene | 1* | 2,3,4 | U210 | B | 100(45.4) |
| Tetrachloroethylene | 127184 | Ethene, tetrachloro- Perchloroethylene Tetrachloroethene | 1* | 2,3,4 | U210 | B | 100(45.4) |
| 2,3,4,6-Tetrachlorophenol | 58902 | Phenol, 2,3,4,6-tetrachloro- | 1* | 4 | U212 | A | 10 (4.54) |
| Tetraethyl lead | 78002 | Plumbane, tetraethyl- | 100 | 1,4 | P110 | A | 10 (4.54) |
| Tetraethyl pyrophosphate | 107493 | Diphosphoric acid, tetraethyl ester | 100 | 1,4 | P111 | A | 10 (4.54) |
| Tetraethyldithiopyrophosphate | 3689245 | Thiodiphosphoric acid, tetraethyl ester | 1* | 4 | P109 | B | 100 (45.4) |
| Tetrahydrofuran | 109999 | Furan, tetrahydro- | 1* | 4 | U213 | C | 1000 (454) |
| Tetranitromethane | 509148 | Methane, tetranitro- | 1* | 4 | P112 | A | 10 (4.54) |
| Tetraphosphoric acid, hexaethyl ester | 757584 | Hexaethyl tetraphosphoate | 1* | 4 | P062 | B | 100 (45.4) |
| Thallic oxide | 1314325 | Thallium oxide Tl ₂ O ₃ | 1* | 4 | P113 | B | 100 (45.4) |
| Thallium ‡ | 7440280 | | 1* | 2 | | C | 1000 (454) |
| Thallium and compounds | N.A. | | 1* | 2 | | | ** |
| Thallium (I) acetate | 563688 | Acetic acid, thallium(1+) salt | 1* | 4 | U214 | B | 100 (45.4) |
| Thallium (I) carbonate | 6533739 | Carbonic acid, dithallium(1+) salt | 1* | 4 | U215 | B | 100 (45.4) |
| Thallium (I) chloride | 7791120 | Thallium chloride TlCl | 1* | 4 | U216 | B | 100 (45.4) |
| Thallium chloride TlCl | 7791120 | Thallium(I) chloride | 1* | 4 | U216 | B | 100 (45.4) |
| Thallium (I) nitrate | 10102451 | Nitric acid, thallium (1+) salt | 1* | 4 | U217 | B | 100 (45.4) |
| Thallium oxide Tl ₂ O ₃ | 1314325 | Thallic oxide | 1* | 4 | P113 | B | 100 (45.4) |
| Thallium selenite | 12039520 | Selenious acid, dithallium(1+) salt | 1* | 4 | P114 | C | 1000 (454) |
| Thallium (I) sulfate | 7446186 | Sulfuric acid, dithallium(1+) salt | 1000 | 1,4 | P115 | B | 100 (45.4) |
| Thioacetamide | 10031591 | Ethanethioamide | 1* | 4 | U218 | A | 10 (4.54) |
| Thiodiphosphoric acid, tetraethyl ester | 62555 | Tetraethyldithiopyrophosphate | 1* | 4 | P109 | B | 100 (45.4) |
| Thiofanox | 3689245 | 2-Butanone, 3,3-dimethyl-1-(methylthio)-, O[(methylamino)carbonyl] oxime. | 1* | 4 | P045 | B | 100 (45.4) |
| Thioimidodicarbonic diamide [(H ₂ N)C(S)] 2NH | 39196184 | Dithiobiuret | 1* | 4 | P049 | B | 100 (45.4) |
| Thiomethanol | 541537 | Methanethiol | 100 | 1,4 | U153 | B | 100 (45.4) |
| Thioperoxydicarbonic diamide [(H ₂ N)C(S)] 2S ₂ , tetramethyl- | 74931 | Methylmercaptan | | | | | |
| Thiophenol | 137268 | Thiram | 1* | 4 | U244 | A | 10 (4.54) |
| Thiosemicarbazide | 108985 | Benzenethiol | 1* | 4 | P014 | B | 100 (45.4) |
| Thiourea | 79196 | Hydrazinecarbothioamide | 1* | 4 | P116 | B | 100 (45.4) |
| Thiourea, (2-chlorophenyl)- | 62566 | | 1* | 4 | U219 | A | 10 (4.54) |
| Thiourea, 1-naphthalenyl- | 5344821 | 1-(o-Chlorophenyl)thiourea | 1* | 4 | P026 | B | 100 (45.4) |
| Thiourea, phenyl- | 86884 | alpha-Naphthylthiourea | 1* | 4 | P072 | B | 100 (45.4) |
| Thiram | 103855 | Phenylthiourea | 1* | 4 | P093 | B | 100 (45.4) |
| | 137268 | Thioperoxydicarbonic diamide [(H ₂ N)C(S)] 2S ₂ , tetramethyl- | 1* | 4 | U244 | A | 10 (4.54) |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

| | | | | | | | |
|---|----------|--|------|---------|------|---|-------------|
| Titanium tetrachloride | 7550450 | ..... | 1* | 3 | | C | 1000 (454) |
| Toluene | 108883 | Benzene, methyl | 1000 | 1,2,3,4 | U220 | C | 1000(454) |
| Toluenediamine | 95807 | Benzenediamine, ar-methyl- | 1* | 3,4 | U221 | A | 10(4.54) |
| | 496720 | 2,4-Toluene diamine | | | | | |
| | 823405 | | | | | | |
| | 25376458 | | | | | | |
| 2,4-Toluene diamine | 95807 | Benzenediamine, ar-methyl- | 1* | 3,4 | U221 | A | 10(4.54) |
| | 496720 | Toluenediamine | | | | | |
| | 823405 | | | | | | |
| | 25376458 | | | | | | |
| Toluene diisocyanate | 91087 | Benzene, 1,3-diisocyanatomethyl- | 1* | 3,4 | U223 | B | 100 (45.4) |
| | 584849 | 2,4-Toluene diisocyanate- | | | | | |
| | 26471625 | | | | | | |
| 2,4-Toluene diisocyanate | 91087 | Benzene, 1,3-diisocya-natomethyl- | 1* | 3,4 | U223 | B | 100 (45.4) |
| | 584849 | Toluene diisocyanate | | | | | |
| | 26471625 | | | | | | |
| o-Toluidine | 95534 | Benzenamine, 2-methyl- | 1* | 3,4 | U328 | B | 100(45.4) |
| p-Toluidine | 106490 | Benzenamine, 4-methyl- | 1* | 4 | U353 | B | 100 (45.4) |
| o-Toluidine hydrochloride | 636215 | Benzenamine, 2-methyl-, hydrochloride | 1* | 4 | U222 | B | 100 (45.4) |
| Toxaphene | 8001352 | Camphene, octachloro- Chlorinated camphene | 1* | 1,2,3,4 | P123 | X | 1 (0.454) |
| 2,4,5-TP acid | 93721 | Propionic acid, 2-(2,4,5-trichlorophenoxy)- Silvex (2,4,5-TP) | 100 | 1,4 | U233 | B | 100 (45.4) |
| 2,4,5-TP esters | 32534955 | ..... | 100 | 1 | | B | 100 (45.4) |
| 1H-1,2,4-Triazol-3-amine | 61825 | Amitrole | 1* | 4 | U011 | A | 10 (4.54) |
| Trichlorfon | 52686 | ..... | 1000 | 1 | | B | 100 (45.4) |
| 1,2,4-Trichlorobenzene | 120821 | ..... | 1* | 2,3 | | B | 100 (45.4) |
| 1,1,1-Trichloroethane | 71556 | Ethane, 1,1,1-trichloro- Methyl chloroform | 1* | 2,3,4 | U226 | C | 1000 (454) |
| 1,1,2-Trichloroethane | 79005 | Ethane, 1,1,2-trichloro | 1* | 2,3,4 | U227 | B | 100 (45.4) |
| Trichloroethene | 79016 | Ethene, trichloro- Trichloroethylene | 1000 | 1,2,3,4 | U228 | B | 100 (45.4) |
| Trichloroethylene | 79016 | Ethene, trichloro Trichloroethene | 1000 | 1,2,3,4 | U228 | B | 100 (45.4) |
| Trichloromethanesulfonyl chloride | 594423 | Methanesulfonyl chloride, trichloro- | 1* | 4 | P118 | B | 100 (45.4) |
| Trichloromonofluoromethane | 75694 | Methane, trichlorofluoro- | 1* | 4 | U121 | D | 5000 (2270) |
| Trichlorophenol | 25167822 | ..... | 10 | 1 | | A | 10 (4.54) |
| 2,3,4-Trichlorophenol | 15950660 | ..... |  |  |  |  |  |
| 2,3,5-Trichlorophenol | 933788 | ..... |  |  |  |  |  |
| 2,3,6-Trichlorophenol | 933755 | ..... |  |  |  |  |  |
| 2,4,5-Trichlorophenol | 95954 | Phenol, 2,4,5-trichloro- | 10 | 1,3,4 | U230 | A | 10 (4.54) |
| 2,4,6-Trichlorophenol | 88062 | Phenol, 2,4,6-trichloro- | 10 | 1,2,3,4 | U231 | A | 10 (4.54) |
| 3,4,5-Trichlorophenol | 609198 | ..... |  |  |  |  |  |
| 2,4,5-Trichlorophenol | 95954 | Phenol, 2,4,5-trichloro- | 10* | 1,4 | U230 | A | 10 (4.54) |
| 2,4,6-Trichlorophenol | 88062 | Phenol, 2,4,6-trichloro- | 10 | 1,2,4 | U231 | A | 10 (4.54) |
| Triethanolamine dodecylbenzenesulfonate | 27323417 | ..... | 1000 | 1 | | C | 1000 (454) |
| Triethylamine | 121448 | ..... | 5000 | 1,3 | | D | 5000 (2270) |
| Trifluralin | 1582098 | ..... | 1* | 3 | | A | 10 (4.54) |
| Trimethylamine | 75503 | ..... | 1000 | 1 | | B | 100 (45.4) |
| 2,2,4-Trimethylpentane | 540841 | ..... | 1* | 3 | | C | 1000 (454) |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|---|--------|---|-----------|---------------|-------------------|-----------|--------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| 1,3,5-Trinitrobenzene | 99354 | Benzene, 1,3,5-trinitro- | 1* | 4 | U234 | A | 10 (4.54) |
| 1,3,5-Trioxane, 2,4,6-trimethyl- | 123637 | Paraldehyde | 1* | 4 | U182 | C | 1000 (454) |
| Tris(2,3-dibromopropyl) phosphate | 126727 | 1-Propanol, 2,3-dibromo-, phosphate [(3:1) | 1* | 4 | U235 | A | 10 (4.54) |
| Trypan blue | 72571 | 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. | 1* | 4 | U236 | A | 10 (4.54) |
| Unlisted Hazardous Wastes Characteristic of Corrosivity | N.A. | ..... | 1* | 4 | D002 | B | 100 (45.4) |
| Unlisted Hazardous Wastes Characteristics: | N.A. | ..... | 1* | 4 | | | |
| Characteristic of Toxicity: | | | | | | | |
| Arsenic (D004) | N.A. | ..... | *1 | 4 | D004 | X | 1 (0.454) |
| Barium (D005) | N.A. | ..... | *1 | 4 | D005 | C | 1,000 (454) |
| Benzene (D018) | N.A. | ..... | 1000 | 1, 2, 3, 4 | D018 | A | 10 (4.54) |
| Cadmium (D006) | N.A. | ..... | *1 | 4 | D006 | A | 10 (4.54) |
| Carbon tetrachloride (D019) | N.A. | ..... | 5,000 | 1, 2, 4 | D019 | A | 10 (4.54) |
| Chlordane (D020) | N.A. | ..... | 1 | 1, 2, 4 | D020 | X | 1 (0.454) |
| Chlorobenzene (D021) | N.A. | ..... | 100 | 1, 2, 4 | D021 | B | 100 (45.4) |
| Chloroform (D022) | N.A. | ..... | 5,000 | 1, 2, 4 | D022 | A | 10 (4.54) |
| Chromium (D007) | N.A. | ..... | *1 | 4 | D007 | A | 10 (4.54) |
| o-Cresol (D023) | N.A. | ..... | 1* | 4 | D023 | B | 100 (45.4) |
| m-Cresol (D024) | N.A. | ..... | 1* | 4 | D024 | B | 100 (45.4) |
| p-Cresol (D025) | N.A. | ..... | 1* | 4 | D025 | B | 100 (45.4) |
| Cresol (D026) | N.A. | ..... | 1* | 4 | D026 | B | 100 (45.4) |
| 2,4-D (D016) | N.A. | ..... | 100 | 1, 4 | D016 | B | 100 (45.4) |
| 1,4-Dichlorobenzene (D027) | N.A. | ..... | 100 | 1, 2, 4 | D027 | B | 100 (45.4) |
| 1,2-Dichloroethane (D028) | N.A. | ..... | 5,000 | 1, 2, 4 | D028 | B | 100 (45.4) |
| 1,1-Dichloroethylene (D029) | N.A. | ..... | 5,000 | 1, 2, 4 | D029 | B | 100 (45.4) |
| 2,4-Dinitrotoluene (D030) | N.A. | ..... | 1,000 | 1, 2, 4 | D030 | A | 10 (4.54) |
| Endrin (D012) | N.A. | ..... | 1 | 1, 4 | D012 | X | 1 (0.454) |
| Heptachlor (and epoxide) (D031) | N.A. | ..... | 1 | 1, 2, 4 | D031 | X | 1 (0.454) |
| Hexachlorobenzene (D032) | N.A. | ..... | *1 | 2, 4 | D032 | A | 10 (4.54) |
| Hexachlorobutadiene (D033) | N.A. | ..... | *1 | 2, 4 | D033 | X | 1 (0.454) |
| Hexachloroethane (D034) | N.A. | ..... | *1 | 2, 4 | D034 | B | 100 (45.4) |
| Lead (D008) | N.A. | ..... | 1* | 4 | D008 | A | 10 (4.54) |
| Lindane (D013) | N.A. | ..... | 1 | 1, 4 | D013 | X | 1 (0.454) |
| Mercury (D009) | N.A. | ..... | *1 | 4 | D009 | X | 1 (0.454) |
| Methoxychlor (D014) | N.A. | ..... | 1 | 1, 4 | D014 | X | 1 (0.454) |
| Methyl ethyl ketone (D035) | N.A. | ..... | *1 | 4 | D035 | D | 5,000 (2270) |
| Nitrobenzene (D036) | N.A. | ..... | 1,000 | 1, 2, 4 | D036 | C | 1,000 (454) |
| Pentachlorophenol (D037) | N.A. | ..... | 10 | 1, 2, 4 | D037 | A | 10 (4.54) |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

| | | | | | | | |
|---|----------------------|---|------|---------|------|---|--------------|
| Pyridine (D038) | N.A. | ..... | *1 | 4 | D038 | C | 1,000 (45.4) |
| Selenium (D010) | N.A. | ..... | *1 | 4 | D010 | A | 10 (4.54) |
| Silver (D011) | N.A. | ..... | *1 | 4 | D011 | X | 1 (0.454) |
| Tetrachloroethylene (D039) | N.A. | ..... | *1 | 2, 4 | D039 | B | 100 (45.4) |
| Toxaphene (D015) | N.A. | ..... | 1 | 1, 4 | D015 | X | 1 (0.454) |
| Trichloroethylene (D040) | N.A. | ..... | 1000 | 1, 2, 4 | D040 | B | 100 (45.4) |
| 2,4,5-Trichlorophenol (D041) | N.A. | ..... | 10 | 1, 4 | D041 | A | 10 (4.54) |
| 2,4,6-Trichlorophenol (D042) | N.A. | ..... | 10 | 1, 2, 4 | D042 | A | 10 (4.54) |
| 2,4,5-TP (D017) | N.A. | ..... | 100 | 1, 4 | D017 | B | 100 (45.4) |
| Vinyl chloride (D043) | N.A. | ..... | *1 | 2, 3, 4 | D043 | X | 1 (0.454) |
| Unlisted Hazardous Wastes Characteristic of Ignitability | N.A. | ..... | 1* | 4 | D001 | B | 100 (45.4) |
| Unlisted Hazardous Wastes Characteristic of Reactivity | N.A. | ..... | 1* | 4 | D003 | B | 100 (45.4) |
| Uracil mustard | 66751 | 2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]- | 1* | 4 | U237 | A | 10 (4.54) |
| Uranyl acetate | 541093 | ..... | 5000 | 1 | | B | 100 (45.4) |
| Uranyl nitrate | 10102064 36478769 | ..... | 5000 | 1 | | B | 100 (45.4) |
| Urea, N-ethyl-N-nitroso- | 759739 | N-Nitroso-N-ethylurea | 1* | 4 | U176 | X | 1 (0.454) |
| Urea, N-methyl-N-nitroso | 684935 | N-Nitroso-N-methylurea | 1* | 3,4 | U177 | X | 1 (0.454) |
| Urethane | 51796 | Carbamic acid, ethyl ester | 1* | 3,4 | U238 | B | 100 (45.4) |
| | | Ethyl carbamate | | | | | |
| Vanadic acid, ammonium salt | 7803556 | Ammonium vanadate | 1* | 4 | P119 | C | 1000 (454) |
| Vanadium oxide V ₂ O ₅ | 1314621 | Vanadium pentoxide | 1000 | 1,4 | P120 | C | 1000 (454) |
| Vanadium pentoxide | 1314621 | Vanadium oxide V ₂ O ₅ | 1000 | 1,4 | P120 | C | 1000 (454) |
| Vanadyl sulfate | 27774136 | ..... | 1000 | 1 | | C | 1000 (454) |
| Vinyl acetate | 108054 | Vinyl acetate monomer | 1000 | 1,3 | | D | 5000 (2270) |
| Vinyl acetate monomer | 108054 | Vinyl acetate | 1000 | 1,3 | | D | 5000 (2270) |
| Vinylamine, N-methyl-N-nitroso- | 4549400 | N-Nitrosomethylvinylamine | 1* | 4 | P084 | A | 10 (4.54) |
| Vinyl bromide | 593602 | ..... | 1* | 3 | | B | 100 (45.4) |
| Vinyl chloride | 75014 | Ethene, chloro- | 1* | 2,3,4 | U043 | X | 1 (0.454) |
| Vinylidene chloride | 75354 | 1,1-Dichloroethylene | 5000 | 1,2,3,4 | U078 | B | 100 (45.4) |
| | | Ethene, 1,1-dichloro- | | | | | |
| Warfarin, & salts, when present at concentrations greater than 0.3% | 81812 | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenyl-butyl)-, & salts, when present at concentrations greater than 0.3% | 1* | 4 | P001 | B | 100 (45.4) |
| Xylene | 1330207 | Benzene, dimethyl- | 1000 | 1,3,4 | U239 | B | 100 (45.4) |
| | | Xylene (mixed) | | | | | |
| | | Xylenes (isomers and mixture) | | | | | |
| m-Xylene | 108383 | Benzene, m-dimethyl- | 1* | 3 | | C | 1000 (454) |
| o-Xylene | 95476 | Benzene, o-dimethyl- | 1* | 3 | | C | 1000 (454) |
| p-Xylene | 106423 | Benzene, p-dimethyl- | 1* | 3 | | B | 100 (45.4) |
| Xylene (mixed) | 1330207 | Benzene, dimethyl- | 1000 | 1,3,4 | U239 | B | 100 (45.4) |
| | | Xylene | | | | | |
| | | Xylenes (isomers and mixture) | | | | | |
| Xylenes (isomers and mixture) | 1330207 | Benzene, dimethyl- | 1000 | 1,3,4 | U239 | B | 100 (45.4) |
| | | Xylene | | | | | |
| | | Xylene (mixed) | | | | | |
| Xylenol | 1300716 | ..... | 1000 | 1 | | C | 1000 (454) |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|--|----------|--|-----------|--------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| Yohimban-16-carboxylic acid,11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester (3beta,16beta,17alpha,18beta,20alpha)- | 50555 | Reserpine | 1* | 4 | U200 | D | 5000 (2270) |
| Zinc ‡ | 7440666 | ..... | 1* | 2 | | C | 1000 (454) |
| ZINC AND COMPOUNDS | N.A. | ..... | 1* | 2 | | | ** |
| Zinc acetate | 557346 | ..... | 1000 | 1 | | C | 1000 (454) |
| Zinc ammonium chloride | 52628258 | ..... | 5000 | 1 | | C | 1000 (454) |
| | 14639975 | ..... |  |  |  |  |  |
| | 14639986 | ..... |  |  |  |  |  |
| Zinc, bis(dimethylcarbomodithioato-S,S')-, (Ziram) | 137304 | ..... | 1* | 4 | P205 | | ## |
| Zinc borate | 1332076 | ..... | 1000 | 1 | | C | 1000 (454) |
| Zinc bromide | 7699458 | ..... | 5000 | 1 | | C | 1000 (454) |
| Zinc carbonate | 3486359 | ..... | 1000 | 1 | | C | 1000 (454) |
| Zinc chloride | 7646857 | ..... | 5000 | 1 | | C | 1000 (454) |
| Zinc cyanide | 557211 | Zinc cyanide Zn(CN)2 | 10 | 1,4 | P121 | A | 10 (4.54) |
| Zinc cyanide Zn(CN)2 | 557211 | Zinc cyanide | 10 | 1,4 | P121 | A | 10 (4.54) |
| Zinc fluoride | 7783495 | ..... | 1000 | 1 | | C | 1000 (454) |
| Zinc formate | 557415 | ..... | 1000 | 1 | | C | 1000 (454) |
| Zinc hydrosulfite | 7779864 | ..... | 1000 | 1 | | C | 1000 (454) |
| Zinc nitrate | 7779886 | ..... | 5000 | 1 | | C | 1000 (454) |
| Zinc phenosulfonate | 127822 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Zinc phosphide | 1314847 | Zinc phosphide Zn ₃ P ₂ , when present at concentrations greater than 10%. Zinc phosphide | 1000 | 1,4 | P122 | B | 100 (45.4) |
| Zinc phosphide Zn ₃ P ₂ , when present at concentrations greater than 10%. | 1314847 | ..... | 1000 | 1,4 | P122 | B | 100 (45.4) |
| Zinc silicofluoride | 16871719 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Zinc sulfate | 7733020 | ..... | 1000 | 1 | | C | 1000 (454) |
| Zirconium nitrate | 13746899 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Zirconium potassium fluoride | 16923958 | ..... | 5000 | 1 | | C | 1000 (454) |
| Zirconium sulfate | 14644612 | ..... | 5000 | 1 | | D | 5000 (2270) |
| Zirconium tetrachloride | 10026116 | ..... | 5000 | 1 | | D | 5000 (2270) |
| F001 ..... | ..... | ..... | 1* | 4 | F001 | A | 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 above halogenated solvents 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 | 127184 | ..... | 1* | 2,4 | U210 | B | 100 (45.4) |
| (b) Trichloroethylene | 79016 | ..... | 1000 | 1,2,4 | U228 | B | 100 (45.4) |
| (c) Methylene chloride | 75092 | | 1* | 2,4 | U080 | C | 1000 (454) |

320

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

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| (d) 1,1,1-Trichloroethane | 71556 | 1* | 2,4 | U226 | C | 1000 (454) |
| (e) Carbon tetrachloride | 56235 | 5000 | 1,2,4 | U211 | A | 10 (4.54) |
| (f) Chlorinated fluorocarbons | N.A. | | | | D | 5000 (2270) |
| F002 | | 1* | 4 | F002 | A | 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 above halogenated solvents or those listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures | | | | | | |
| (a) Tetrachloroethylene | 127184 | 1* | 2,4 | U210 | B | 100 (45.4) |
| (b) Methylene chloride | 75092 | 1* | 2,4 | U080 | C | 1000 (454) |
| (c) Trichloroethylene | 79016 | 1000 | 1,2,4 | U228 | B | 100 (45.4) |
| (d) 1,1,1-Trichloroethane | 71556 | 1* | 2,4 | U226 | C | 1000 (454) |
| (e) Chlorobenzene | 108907 | 100 | 1,2,4 | U037 | B | 100 (45.4) |
| (f) 1,1,1,2-Trichloro-1,2,2-trifluoroethane | 76131 | | | | D | 5000 (2270) |
| (g) o-Dichlorobenzene | 95501 | 100 | 1,2,4 | U070 | B | 100 (45.4) |
| (h) Trichlorofluoromethane | 75694 | 1* | 4 | U121 | D | 5000 (2270) |
| (i) 1,1,2-Trichloroethane | 79005 | 1* | 2,4 | U227 | B | 100 (45.4) |
| F003 | | 1* | 4 | F003 | B | 100 (45.4) |
| The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents: | | | | | | |
| (a) Xylene | 1330207 | | | | C | 1000 (454) |
| (b) Acetone | 67641 | | | | D | 5000 (2270) |
| (c) Ethyl acetate | 141786 | | | | D | 5000 (2270) |
| (d) Ethylbenzene | 100414 | | | | C | 1000 (454) |
| (e) Ethyl ether | 60297 | | | | B | 100 (45.4) |
| (f) Methyl isobutyl ketone | 108101 | | | | D | 5000 (2270) |
| (g) n-Butyl alcohol | 71363 | | | | D | 5000 (2270) |
| (h) Cyclohexanone | 108941 | | | | D | 5000 (2270) |
| (i) Methanol | 67561 | | | | D | 5000 (2270) |
| F004 | | 1* | 4 | F004 | B | 100 (45.4) |
| The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents: | | | | | | |
| (a) Cresols/Cresylic acid | 1319773 | 1000 | 1,3,4 | U052 | B | 100(45.4) |
| (b) Nitrobenzene | 98953 | 1000 | 1,2,4 | U169 | C | 1000 (454) |
| F005 | | 1* | 4 | F005 | B | 100 (45.4) |
| The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents: | | | | | | |
| (a) Toluene | 108883 | 1000 | 1,2,4 | U220 | C | 1000 (454) |
| (b) Methyl ethyl ketone | 78933 | 1* | 4 | U159 | D | 5000 (2270) |
| (c) Carbon disulfide | 75150 | 5000 | 1,4 | P022 | B | 100 (45.4) |
| (d) Isobutanol | 78831 | 1* | 4 | U140 | D | 5000 (2270) |
| (e) Pyridine | 110861 | 1* | 4 | U196 | C | 1000 (454) |
| F006 | | 1* | 4 | F006 | A | 10 (4.54) |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|--|-------|---------------------|-----------|--------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| 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 | | | 1* | 4 | F007 | A | 10 (4.54) |
| Spent cyanide plating bath solutions from electroplating operations. | | | | | | | |
| F008 | | | 1* | 4 | F008 | A | 10 (4.54) |
| Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process. | | | | | | | |
| F009 | | | 1* | 4 | F009 | A | 10 (4.54) |
| Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process. | | | | | | | |
| F010 | | | 1* | 4 | F010 | A | 10 (4.54) |
| Quenching bath residues from oil baths from metal heat treating operations where cyanides are used in the process. | | | | | | | |
| F011 | | | 1* | 4 | F011 | A | 10 (4.54) |
| Spent cyanide solution from salt bath pot cleaning from metal heat treating operations. | | | | | | | |
| F012 | | | 1* | 4 | F012 | A | 10 (4.54) |
| Quenching wastewater treatment sludges from metal heat treating operations where cyanides are used in the process. | | | | | | | |
| F019 | | | 1 | 4 | F019 | A | 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. | | | | | | | |
| F020 | | | 1* | 4 | F020 | X | 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 | | | 1* | 4 | F021 | X | 1 (0.454) |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

| | | | | | | |
|--|----|---|------|---|-----------|--|
| 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 | 1* | 4 | F022 | X | 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 | 1* | 4 | F023 | X | 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 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 hexa-chlorophene from highly purified 2,4,5-tri-chlorophenol.) | | | | | | |
| F024 | 1* | 4 | F024 | X | 1 (0.454) | |
| Wastes, including but not limited to distillation residues, heavy ends, tars, and reactor cleanout wastes, from the production of chlorinated aliphatic hydrocarbons, having carbon content from one to five, utilizing free radical catalyzed processes. (This listing does not include light ends, spent filters and filter aids, spent dessicants(sic), wastewater, wastewater treatment sludges, spent catalysts, and wastes listed in § 261.32.) | | | | | | |
| F025 | 1* | 4 | F025 | X | 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 | 1* | 4 | F026 | X | 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 | 1* | 4 | F027 | X | 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-tri-chlorophenol as the sole component.) | | | | | | |
| F028 | 1* | 4 | F028 | X | 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. | | | | | | |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|--|-------|---------------------|-----------|--------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| F032 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. | | | 1* | 4 | F032 | X | 1(0.454) |
| F034 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 cresote 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. | | | 1* | 4 | F034 | X | 1(0.454) |
| F035 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. | | | 1* | 4 | F035 | X | 1(0.454) |
| F037 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 cresote 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. | | | 1* | 4 | F037 | X | 1 (0.454) |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

| | | | | | | | |
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| <p>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 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. Sludge 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.</p> | | | 1* | 4 | F038 | X | 1 (0.454) |
| <p>F038 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 once-through non-contact cooling waters segregated for treatment from other process or oil cooling wastes, 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.</p> | | | 1* | 4 | K001 | X | 1 (0.454) |
| <p>K001 Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol.</p> | | | 1* | 4 | K002 | A | 10 (4.54) |
| <p>K002 Wastewater treatment sludge from the production of chrome yellow and orange pigments.</p> | | | 1* | 4 | K003 | A | 10 (4.54) |
| <p>K003 Wastewater treatment sludge from the production of molybdate orange pigments.</p> | | | 1* | 4 | K004 | A | 10 (4.54) |
| <p>K004 Wastewater treatment sludge from the production of zinc yellow pigments.</p> | | | 1* | 4 | K005 | A | 10 (4.54) |
| <p>K005 Wastewater treatment sludge from the production of chrome green pigments.</p> | | | 1* | 4 | K006 | A | 10 (4.54) |
| <p>K006 Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated).</p> | | | 1* | 4 | | | 10 (4.54) |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|--|-------|---------------------|-----------|--------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| K007 Wastewater treatment sludge from the production of iron blue pigments. | | | 1* | 4 | K007 | A | 10 (4.54) |
| K008 Oven residue from the production of chrome oxide green pigments. | | | 1* | 4 | K008 | A | 10 (4.54) |
| K009 Distillation bottoms from the production of acetaldehyde from ethylene. | | | 1* | 4 | K009 | A | 10 (4.54) |
| K010 Distillation side cuts from the production of acetaldehyde from ethylene. | | | 1* | 4 | K010 | A | 10 (4.54) |
| K011 Bottom stream from the wastewater stripper in the production of acrylonitrile. | | | 1* | 4 | K011 | A | 10 (4.54) |
| K013 Bottom stream from the acetonitrile column in the production of acrylonitrile. | | | 1* | 4 | K013 | A | 10 (4.54) |
| K014 Bottoms from the acetonitrile purification column in the production of acrylonitrile. | | | 1* | 4 | K014 | D | 5000 (2270) |
| K015 Still bottoms from the distillation of benzyl chloride. | | | 1* | 4 | K015 | A | 10 (4.54) |
| K016 Heavy ends or distillation residues from the production of carbon tetrachloride. | | | 1* | 4 | K016 | X | 1 (0.454) |
| K017 Heavy ends (still bottoms) from the purification column in the production of epi-chlorohydrin. | | | 1* | 4 | K017 | A | 10 (4.54) |
| K018 Heavy ends from the fractionation column in ethyl chloride production. | | | 1* | 4 | K018 | X | 1 (0.454) |
| K019 Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production. | | | 1* | 4 | K019 | X | 1 (0.454) |
| K020 Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production. | | | 1* | 4 | K020 | X | 1 (0.454) |
| K021 Aqueous spent antimony catalyst waste from fluoromethanes production. | | | 1* | 4 | K021 | A | 10 (4.54) |
| K022 | | | 1* | 4 | K022 | X | 1 (0.454) |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

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| Distillation bottom tars from the production of phenol/acetone from cumene. | | | | | | | |
| K023 | | | 1* | 4 | K023 | D | 5000 (2270) |
| Distillation light ends from the production of phthalic anhydride from naphthalene. | | | | | | | |
| K024 | | | 1* | 4 | K024 | D | 5000 (2270) |
| Distillation bottoms from the production of phthalic anhydride from naphthalene. | | | | | | | |
| K025 | | | 1* | 4 | K025 | A | 10 (4.54) |
| Distillation bottoms from the production of nitrobenzene by the nitration of benzene. | | | | | | | |
| K026 | | | 1* | 4 | K026 | C | 1000 (454) |
| Stripping still tails from the production of methyl ethyl pyridines. | | | | | | | |
| K027 | | | 1* | 4 | K027 | A | 10 (4.54) |
| Centrifuge and distillation residues from toluene diisocyanate production. | | | | | | | |
| K028 | | | 1* | 4 | K028 | X | 1 (0.454) |
| Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane. | | | | | | | |
| K029 | | | 1* | 4 | K029 | X | 1 (0.454) |
| Waste from the product steam stripper in the production of 1,1,1-trichloroethane. | | | | | | | |
| K030 | | | 1* | 4 | K030 | X | 1 (0.454) |
| Column bottoms or heavy ends from the combined production of trichloroethylene and perchloroethylene. | | | | | | | |
| K031 | | | 1* | 4 | K031 | X | 1 (0.454) |
| By-product salts generated in the production of MSMA and cacodylic acid. | | | | | | | |
| K032 | | | 1* | 4 | K032 | A | 10 (4.54) |
| Wastewater treatment sludge from the production of chlordane. | | | | | | | |
| K033 | | | 1* | 4 | K033 | A | 10 (4.54) |
| Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane. | | | | | | | |
| K034 | | | 1* | 4 | K034 | A | 10 (4.54) |
| Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane. | | | | | | | |
| K035 | | | 1* | 4 | K035 | X | 1 (0.454) |
| Wastewater treatment sludges generated in the production of creosote. | | | | | | | |
| K036 | | | 1* | 4 | K036 | X | 1 (0.454) |
| Still bottoms from toluene reclamation distillation in the production of disulfoton. | | | | | | | |
| K037 | | | 1* | 4 | K037 | X | 1 (0.454) |
| Wastewater treatment sludges from the production of disulfoton. | | | | | | | |
| K038 | | | 1* | 4 | K038 | A | 10 (4.54) |
| Wastewater from the washing and stripping of phorate production. | | | | | | | |
| K039 | | | 1* | 4 | K039 | A | 10 (4.54) |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|--|-------|---------------------|-----------|--------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate. | | | | | | | |
| K040 Wastewater treatment sludge from the production of phorate. | | | 1* | 4 | K040 | A | 10 (4.54) |
| K041 Wastewater treatment sludge from the production of toxaphene. | | | 1* | 4 | K041 | X | 1 (0.454) |
| K042 Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T. | | | 1* | 4 | K042 | A | 10 (4.54) |
| K043 2,6-Dichlorophenol waste from the production of 2,4-D. | | | 1* | 4 | K043 | A | 10 (4.54) |
| K044 Wastewater treatment sludges from the manufacturing and processing of explosives. | | | 1* | 4 | K044 | A | 10 (4.54) |
| K045 Spent carbon from the treatment of wastewater containing explosives. | | | 1* | 4 | K045 | A | 10 (4.54) |
| K046 Wastewater treatment sludges from the manufacturing, formulation and loading of lead-based initiating compounds. | | | 1* | 4 | K046 | A | 10 (4.54) |
| K047 Pink/red water from TNT operations. | | | 1* | 4 | K047 | A | 10 (4.54) |
| K048 Dissolved air flotation (DAF) float from the petroleum refining industry. | | | 1* | 4 | K048 | A | 10 (4.54) |
| K049 Stop oil emulsion solids from the petroleum refining industry. | | | 1* | 4 | K049 | A | 10 (4.54) |
| K050 Heat exchanger bundle cleaning sludge from the petroleum refining industry. | | | 1* | 4 | K050 | A | 10 (4.54) |
| K051 API separator sludge from the petroleum refining industry. | | | 1* | 4 | K051 | A | 10 (4.54) |
| K052 Tank bottoms (leaded) from the petroleum refining industry. | | | 1* | 4 | K052 | A | 10 (4.54) |
| K060 Ammonia still lime sludge from coking operations. | | | 1* | 4 | K060 | X | 1 (0.454) |
| K061 Emission control dust/sludge from the primary production of steel in electric furnaces. | | | 1* | 4 | K061 | A | 10 (4.54) |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

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| K062 | Spent pickle liquor generated by steel finishing operations of facilities within the iron and steel industry (SIC Codes 331 and 332). | 1* | 4 | K062 | A | 10 (4.54) |
| K064 | Acid plant blowdown slurry/sludge resulting from thickening of blowdown slurry from primary copper production. | 1* | 4 | K064 | A | 10 (4.54) |
| K065 | Surface impoundment solids contained in and dredged from surface impoundments at primary lead smelting facilities. | 1* | 4 | K065 | A | 10 (4.54) |
| K066 | Sludge from treatment of process wastewater and/or acid plant blowdown from primary zinc production. | 1* | 4 | K066 | A | 10 (4.54) |
| K069 | Emission control dust/sludge from secondary lead smelting. | 1* | 4 | K069 | A | 10 (4.54) |
| K071 | Brine purification muds from the mercury cell process in chlorine production, where separately prepurified brine is not used. | 1* | 4 | K071 | X | 1 (0.454) |
| K073 | Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using graphite anodes in chlorine production. | 1* | 4 | K073 | A | 10 (4.54) |
| K083 | Distillation bottoms from aniline extraction. | 1* | 4 | K083 | B | 100 (45.4) |
| K084 | Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds. | 1* | 4 | K084 | X | 1 (0.454) |
| K085 | Distillation or fractionation column bottoms from the production of chlorobenzenes. | 1* | 4 | K085 | A | 10 (4.54) |
| K086 | 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. | 1* | 4 | K086 | A | 10 (4.54) |
| K087 | Decanter tank tar sludge from coking operations. | 1* | 4 | K087 | B | 100 (45.4) |
| K088 | Spent potliners from primary aluminum reduction. | 1* | 4 | K088 | A | 10 (4.54) |
| K090 | Emission control dust or sludge from ferrochromiumsilicon production. | 1* | 4 | K090 | A | 10 (4.54) |
| K091 | Emission control dust or sludge from ferrochromium production. | 1 | 4 | K091 | A | 10 (4.54) |
| K093 | Distillation light ends from the production of phthalic anhydride from ortho-xylene. | 1* | 4 | K093 | D | 5000 (2270) |
| K094 | | 1* | 4 | K094 | D | 5000 (2270) |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|--|-------|---------------------|-----------|--------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| Distillation bottoms from the production of phthalic anhydride from ortho-xylene. | | | | | | | |
| K095 | | | 1* | 4 | K095 | B | 100 (45.4) |
| Distillation bottoms from the production of 1,1,1-trichloroethane. | | | | | | | |
| K096 | | | 1* | 4 | K096 | B | 100 (45.4) |
| Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane. | | | | | | | |
| K097 | | | 1* | 4 | K097 | X | 1 (0.454) |
| Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane. | | | | | | | |
| K098 | | | 1* | 4 | K098 | X | 1 (0.454) |
| Untreated process wastewater from the production of toxaphene. | | | | | | | |
| K099 | | | 1* | 4 | K099 | A | 10 (4.54) |
| Untreated wastewater from the production of 2,4-D. | | | | | | | |
| K100 | | | 1* | 4 | K100 | A | 10 (4.54) |
| Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting. | | | | | | | |
| K101 | | | 1* | 4 | K101 | X | 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 | | | 1* | 4 | K102 | X | 1 (0.454) |
| Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds. | | | | | | | |
| K103 | | | 1* | 4 | K103 | B | 100 (45.4) |
| Process residues from aniline extraction from the production of aniline. | | | | | | | |
| K104 | | | 1* | 4 | K104 | A | 10 (4.54) |
| Combined wastewater streams generated from nitrobenzene/aniline production. | | | | | | | |
| K105 | | | 1* | 4 | K105 | A | 10 (4.54) |
| Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes. | | | | | | | |
| K106 | | | 1* | 4 | K106 | X | 1 (0.454) |
| Wastewater treatment sludge from the mercury cell process in chlorine production. | | | | | | | |
| K107 | | | 10 | 4 | K107 | X | 10 (4.54) |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

| | | | | | | | |
|--|----|---|------|---|-----------|--|--|
| Column bottoms from product separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazines. | | | | | | | |
| K108 | 10 | 4 | K108 | X | 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 | 10 | 4 | K109 | X | 10 (4.54) | | |
| Spent filter cartridges from product purification from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides. | | | | | | | |
| K110 | 10 | 4 | K110 | X | 10 (4.54) | | |
| Condensed column overheads from intermediate separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides. | | | | | | | |
| K111 | 1* | 4 | K111 | A | 10 (4.54) | | |
| Product washwaters from the production of dinitrotoluene via nitration of toluene. | | | | | | | |
| K112 | 1* | 4 | K112 | A | 10 (4.54) | | |
| Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene. | | | | | | | |
| K113 | 1* | 4 | K113 | A | 10 (4.54) | | |
| Condensed liquid light ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene. | | | | | | | |
| K114 | 1* | 4 | K114 | A | 10 (4.54) | | |
| Vicinals from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene. | | | | | | | |
| K115 | 1* | 4 | K115 | A | 10 (4.54) | | |
| Heavy ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene. | | | | | | | |
| K116 | 1* | 4 | K116 | A | 10 (4.54) | | |
| Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine. | | | | | | | |
| K117 | 1* | 4 | K117 | X | 1 (0.454) | | |
| Wastewater from the reaction vent gas scrubber in the production of ethylene bromide via bromination of ethene. | | | | | | | |
| K118 | 1* | 4 | K118 | X | 1 (0.454) | | |
| Spent absorbent solids from purification of ethylene dibromide in the production of ethylene dibromide. | | | | | | | |
| K123 | 1* | 4 | K123 | A | 10 (4.54) | | |
| Process wastewater (including supernates, filtrates, and washwaters) from the production of ethylenebisdithiocarbamic acid and its salts. | | | | | | | |
| K124 | 1* | 4 | K124 | A | 10 (4.54) | | |
| Reactor vent scrubber water from the production of ethylenebisdithiocarbamic acid and its salts. | | | | | | | |
| K125 | 1* | 4 | K125 | A | 10 (4.54) | | |
| Filtration, evaporation, and centrifugation solids from the production of ethylenebisdithiocarbamic acid and its salts. | | | | | | | |
| K126 | 1* | 4 | K126 | A | 10 (4.54) | | |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|---|-------|---------------------|-----------|--------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| Baghouse dust and floor sweepings in milling and packaging operations from the production or formulation of ethylenebisdithiocarbamic acid and its salts. | | | | | | | |
| K131 | | | 100 | 4 | K131 | X | 100 (45.4) |
| Wastewater from the reactor and spent sulfuric acid from the acid dryer in the production of methyl bromide. | | | | | | | |
| K132 | | | 1000 | 4 | K132 | X | 1000 (454) |
| Spent absorbent and wastewater solids from the production of methyl bromide. | | | | | | | |
| K136 | | | 1* | 4 | K136 | X | 1 (0.454) |
| Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene. | | | | | | | |
| K141 | | | 1* | 4 | K141 | X | 1 (0.454) |
| Process related from the recovery of coal tar, including, but not limited to, tar collecting sump residues from the production of coke by-products produced from coal. This listing does not include K087 (decanter tank tar sludge from coking operations.). | | | | | | | |
| K142 | | | 1* | 4 | K142 | X | 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 | | | 1* | 4 | K143 | X | 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 | | | 1* | 4 | K144 | X | 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 | | | 1* | 4 | K145 | X | 1 (0.454) |
| Residues from naphthalene collection and recovery operations from the recovery of coke by-products produced from coal. | | | | | | | |
| K147 | | | 1* | 4 | K147 | X | 1 (0.454) |
| Tar storage tank residues from coal tar refining. | | | | | | | |
| K148 | | | 1* | 4 | K148 | X | 1 (0.454) |
| Residues from coal tar distillation, including, but not limited to, still bottoms. | | | | | | | |
| K149 | | | 1* | 4 | K149 | A | 10 (4.54) |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

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|---|--|--|----|---|------|---|-----------|
| 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 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. | | | 1* | 4 | K150 | A | 10 (4.54) |
| K151 Wastewater treatment sludges, excluding neutralization and biological sludges, generated during the treatment of wastewaters from the production of alpha- (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. | | | 1* | 4 | K151 | A | 10 (4.54) |
| 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.) | | | *1 | 4 | K156 | | ## |
| 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.) | | | *1 | 4 | K157 | | ## |
| 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.) | | | *1 | 4 | K158 | | ## |
| K159 Organics from the treatment of thiocarbamate wastes. | | | 1* | 4 | K159 | | ## |
| 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.) | | | 1* | 4 | K161 | | ## |
| K169 ¹ Crude oil storage tank sediment from petroleum refining operations. | | | 1* | 4 | K169 | A | 10(4.54) |
| K170 ¹ Clarified slurry oil tank sediment and/or in-line filter/separation solids from petroleum refining operations. | | | 1* | 4 | K170 | X | 1 (0.454) |
| K171 ¹ Spent hydrotreating catalyst from petroleum refining operations. (This listing does not include inert support media.) | | | 1* | 4 | K171 | X | 1 (0.454) |
| K172 ¹ | | | 1* | 4 | K172 | X | 1 (0.454) |

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 | Regulatory synonyms | Statutory | | | Final RQ | |
|---|-------|---------------------|-----------|--------|-------------------|-----------|-------------|
| | | | RQ | Code † | RCRA waste Number | Cat-egory | Pounds (Kg) |
| K174 [†] | | | 1* | 4 | K174 | X | 1(0.454) |
| K175 [†] | | | 1* | 4 | K175 | X | 1(0.454) |
| Spent hydrotreating catalyst from petroleum refining operations. (This listing does not include inert support media.) | | | | | | | |

† Indicates the statutory source as defined by 1, 2, 3, and 4 below.

‡ No reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is equal to or exceeds 100 micrometers (0.004 inches).

‡† The RQ for asbestos is limited to friable forms only.

1—indicates that the statutory source for designation of this hazardous substance under CERCLA is CWA Section 311(b)(4).

2—indicates that the statutory source for designation of this hazardous substance under CERCLA is CWA Section 307(a).

3—indicates that the statutory source for designation of this hazardous substance under CERCLA is CAA Section 112.

4—indicates that the statutory source for designation of this hazardous substance under CERCLA is RCRA Section 3001.

1*—indicates that the 1-pound RQ is a CERCLA statutory RQ.

Indicates that the RQ is subject to change when the assessment of potential carcinogenicity is completed.

The Agency may adjust the statutory RQ for this hazardous substance in a future rulemaking; until then the statutory 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.

§ 302.4

40 CFR Ch. I (7–1–01 Edition)

334

Environmental Protection Agency

§ 302.4

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

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

| 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,8aalp,8balp)]- Mitomycin C. |
| 50180 | Cyclophosphamide. |
| 50293 | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide. |
| 50328 | Benzo[a]pyrene. |
| 50555 | 3,4-Benzopyrene. |
| 51285 | Reserpine. |
| 51434 | Yohimban-16-carboxylic acid,11,17-dimethoxy-18-[(3 ,4,5-trimethoxybenzoyl)oxy]-, methyl ester (3beta, 16beta,17alpha,18beta,20alpha)-. |
| 51796 | Phenol, 2,4-dinitro-. |
| 52686 | 2,4-Dinitrophenol. |
| 52857 | Epinephrine. |
| 53703 | 1,2-Benzenediol,4-[1-hydroxy-2-(methylamino)ethyl]-. |
| 53963 | Carbamic acid, ethyl ester. |
| 54115 | Ethyl carbamate. |
| 54185 | Urethane. |
| 54531 | Trichlorfon. |
| 54533 | Famphur. |
| 54535 | Phosphorothioic acid, O,[4-[(dimethyl- amino) sulfonyl]phenyl]O,O-dimethyl ester. |
| 54537 | Dibenz[a,h]anthracene. |
| 54539 | Dibenzo[a,h]anthracene. |
| 54541 | 1,2:5,6-Dibenzanthracene. |
| 54543 | Acetamide, N-9H-fluoren-2-yl-. |
| 54545 | 2-Acetylaminofluorene. |
| 54547 | Nicotine, & salts. |
| 54549 | Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-. |
| 54551 | Ethanamine, N-ethyl-N-nitroso-. |
| 54553 | N-Nitrosodiethylamine. |
| 54555 | Nitroglycerine. |
| 54557 | 1,2,3-Propanetriol, trinitrate-. |
| 54559 | Diisopropylfluorophosphate. |
| 54561 | Phosphorofluoric acid, bis(1-methyl- ethyl) ester. |
| 54563 | Methylthiouracil. |
| 54565 | 4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-. |
| 54567 | Carbon tetrachloride. |
| 54569 | Methane, tetrachloro-. |
| 54571 | Parathion. |
| 54573 | Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester. |
| 54575 | Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-. |
| 54577 | 3-Methylcholanthrene. |
| 54579 | Diethylstilbestrol. |
| 54581 | Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E). |
| 54583 | Benz[a]anthracene. |
| 54585 | Benzo[a]anthracene. |
| 54587 | 1,2-Benzanthracene. |
| 54589 | Coumaphos. |
| 54591 | Cyanides (soluble salts and complexes) not otherwise specified. |
| 54593 | Hydrazine, 1,1-dimethyl-. |
| 54595 | 1,1-Dimethylhydrazine. |
| 54597 | Strychnidin-10-one. |
| 54599 | Strychnine, & salts. |

| CASRN | Hazardous substance |
|-------|--|
| 57476 | Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3aS-cis)- (Physostigmine). |
| 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. |
| 57976 | Chlordane, alpha & gamma isomers. |
| 58899 | CHLORDANE (TECHNICAL MIXTURE AND METABOLITES). |
| 58902 | 4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-. |
| 59507 | 1,2-Benzanthracene, 7,12-dimethyl-. |
| 60004 | 7,12-Dimethylbenz[a]anthracene. |
| 60117 | γ-BHC. |
| 60297 | Cyclohexane, 1,2,3,4,5,6-hexachloro (1α,2α,3β,4α,5α,6β)-. |
| 60344 | Hexachlorocyclohexane (gamma isomer). |
| 60515 | Lindane. |
| 60571 | Lindane (all isomers). |
| 61825 | Phenol, 2,3,4,6-tetrachloro-. |
| 62384 | 2,3,4,6-Tetrachlorophenol. |
| 62442 | p-Chloro-m-cresol. |
| 62500 | Phenol, 4-chloro-3-methyl-. |
| 62533 | 4-Chloro-m-cresol. |
| 62555 | Ethylenediamine-tetraacetic acid (EDTA). |
| 62566 | Benzenamine, N,N-dimethyl-4-(phenylazo-). |
| 62568 | Dimethyl aminoazobenzene. |
| 62570 | p-Dimethylaminoazobenzene. |
| 62572 | Ethane, 1,1'-oxybis-. |
| 62574 | Ethyl ether. |
| 62576 | Hydrazine, methyl-. |
| 62578 | Methyl hydrazine. |
| 62580 | Dimethoate. |
| 62582 | Phosphorodithioic acid, O,O-dimethyl S-[2(methylamino)-2-oxoethyl] ester. |
| 62584 | Dieldrin. |
| 62586 | 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,2aalp,3beta,6beta, 6aalp,7beta, 7aalp)-. |
| 62588 | Amitrole. |
| 62590 | 1H-1,2,4-Triazol-3-amine. |
| 62592 | Mercury, (acetato-O)phenyl-. |
| 62594 | Phenylmercury acetate. |
| 62596 | Acetamide, N-(4-ethoxyphenyl)-. |
| 62598 | Phenacetin. |
| 62600 | Ethyl methanesulfonate. |
| 62602 | Methanesulfonic acid, ethyl ester. |
| 62604 | Aniline. |
| 62606 | Benzenamine. |
| 62608 | Ethanethioamide. |
| 62610 | Thioacetamide. |
| 62612 | Thiourea. |
| 62614 | Dichlorvos. |
| 62616 | Acetic acid, fluoro-, sodium salt. |
| 62618 | Fluoroacetic acid, sodium salt. |
| 62620 | Methanamine, N-methyl-N-nitroso-. |
| 62622 | N-Nitrosodimethylamine. |
| 62624 | Carbaryl. |
| 62626 | Phenol, 3-(1-methylethyl)-, methyl carbamate (m-Cumenyl methylcarbamate). |
| 62628 | Formic acid. |
| 62630 | Acetic acid. |
| 62632 | Benzoic acid. |
| 62634 | Uracil mustard. |

§ 302.4

40 CFR Ch. I (7–1–01 Edition)

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 |
|-------|--|
| | 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. |
| 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-octa-hydro-, (1aalpha,2beta,2abeta,3alpha,6alpha,6abeta,7beta,7aalpha)-. |
| 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'-dimethyl-(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. |
| 74931 | Methanethiol. |
| | Methylmercaptan. |
| | Thiomethanol. |
| 74953 | Methane, dibromo-. |
| | Methylene bromide. |
| 75003 | Chloroethane. |
| | Ethyl chloride. |
| 75014 | Ethene, chloro-. |
| | Vinyl chloride. |
| 75047 | Monoethylamine. |
| 75058 | Acetonitrile. |
| 75070 | Acetaldehyde. |
| | Ethanal. |
| 75092 | Dichloromethane. |
| | Methane, dichloro-. |
| | Methylene chloride. |
| 75150 | Carbon disulfide. |

| CASRN | Hazardous substance |
|-------|---|
| 75207 | Calcium carbide. |
| 75218 | Ethylene oxide. |
| | Oxirane. |
| 75252 | Bromoform. |
| | Methane, tribromo-. |
| 75274 | Dichlorobromomethane. |
| 75343 | Ethane, 1,1-dichloro-. |
| | Ethylidene dichloride. |
| | 1,1-Dichloroethane. |
| 75354 | Ethene, 1,1-dichloro-. |
| | Vinylidene chloride. |
| | 1,1-Dichloroethylene. |
| 75365 | Acetyl chloride. |
| 75445 | Carbonic dichloride. |
| | Phosgene. |
| 75503 | Trimethylamine. |
| 75558 | Aziridine, 2-methyl-. |
| | 2-Methyl aziridine. |
| | 1,2-Propylenimine. |
| 75569 | Propylene oxide. |
| 75605 | Arsinic acid, dimethyl-. |
| | Cacodylic acid. |
| 75649 | tert-Butylamine. |
| 75694 | Methane, trichlorofluoro-. |
| | Trichloromonofluoromethane. |
| 75718 | Dichlorodifluoromethane. |
| | Methane, dichlorodifluoro-. |
| 75865 | Acetone cyanohydrin. |
| | Propanenitrile, 2-hydroxy-2-methyl-. |
| | 2-Methylacetonitrile. |
| 75876 | Acetaldehyde, trichloro-. |
| | Chloral. |
| 75990 | 2,2-Dichloropropionic acid. |
| 76017 | Ethane, pentachloro-. |
| | Pentachloroethane. |
| 76448 | Heptachlor. |
| | 4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-. |
| 77474 | Hexachlorocyclopentadiene. |
| | 1,3-Cyclopentadiene, 1,2,3,4,5,5-hexa-chloro-. |
| 77781 | Dimethyl sulfate. |
| | Sulfuric acid, dimethyl ester. |
| 78002 | Plumbane, tetraethyl-. |
| | Tetraethyl lead. |
| 78591 | Isophorone. |
| 78795 | Isoprene. |
| 78819 | iso-Butylamine. |
| 78831 | Isobutyl alcohol. |
| | 1-Propanol, 2-methyl-. |
| 78875 | Propane, 1,2-dichloro-. |
| | Propylene dichloride. |
| | 1,2-Dichloropropane. |
| 78886 | 2,3-Dichloropropene. |
| 78933 | 2-Butanone. |
| | MEK. |
| | Methyl ethyl ketone. |
| 78999 | 1,1-Dichloropropane. |
| 79005 | Ethane, 1,1,2-trichloro-. |
| | 1,1,2-Trichloroethane. |
| 79016 | Ethene, trichloro-. |
| | Trichloroethene. |
| | Trichloroethylene-. |
| 79061 | Acrylamide. |
| | 2-Propenamide. |
| 79094 | Propionic acid. |
| 79107 | Acrylic acid. |
| | 2-Propenoic acid. |
| 79196 | Hydrazinecarbothioamide. |
| | Thiosemicarbazide. |
| 79221 | Carbonochloridic acid, methyl ester. |

Environmental Protection Agency

§ 302.4

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 |
|-------|--|
| | Methyl chlorocarbonate. |
| 79312 | Methyl chloroformate. |
| 79345 | iso-Butyric acid. |
| | Ethane, 1,1,2,2-tetrachloro-. |
| 79447 | 1,1,2,2-Tetrachloroethane. |
| | Carbamic chloride, dimethyl-. |
| 79469 | Dimethylcarbonyl chloride. |
| | Propane, 2-nitro-. |
| 80159 | 2-Nitropropane. |
| | alpha, alpha-Dimethylbenzylhydroperoxide. |
| 80626 | Hydroperoxide, 1-methyl-1-phenylethyl-. |
| | Methyl methacrylate. |
| 81072 | 2-Propenoic acid, 2-methyl-, methyl ester. |
| | Saccharin and salts. |
| 81812 | 1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide. |
| | Warfarin, & salts, when present at concentra- tions greater than 0.3%. |
| | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1- phenyl -butyl)-, & salts, when present at con- centrations greater than 0.3%. |
| 82688 | Benzene, pentachloronitro-. |
| | PCNB. |
| | Pentachloronitrobenzene. |
| 83329 | Quintobenzene. |
| 84662 | Acenaphthene. |
| | Diethyl phthalate. |
| 84742 | 1,2-Benzenedicarboxylic acid, diethyl ester. |
| | Di-n-butyl phthalate. |
| | Dibutyl phthalate. |
| | n-Butyl phthalate. |
| | 1,2-Benzenedicarboxylic acid, dibutyl ester. |
| 85007 | Diquat. |
| 85018 | Phenanthrene. |
| 85449 | 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-. |
| | 2,6-Dichlorophenol. |
| 87683 | Hexachlorobutadiene. |
| | 1,3-Butadiene, 1,1,2,3,4,4-hexachloro-. |
| 87865 | Pentachlorophenol. |
| | Phenol, pentachloro-. |
| 88062 | Phenol, 2,4,6-trichloro-. |
| | 2,4,6-Trichlorophenol. |
| 88722 | o-Nitrotoluene. |
| 88755 | o-Nitrophenol. |
| | 2-Nitrophenol. |
| 88857 | Dinoseb. |
| | Phenol, 2-(1-methylpropyl)-4,6-dinitro. |
| 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. |
| 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. |
| 92875 | Benzidine. |

| CASRN | Hazardous substance |
|--------|--|
| | [1,1'-Biphenyl]-4,4'diamine. |
| 93721 | Propionic acid, 2-(2,4,5-trichlorophenoxy)-. |
| | Silvex (2,4,5-TP). |
| | 2,4,5-TP acid. |
| 93765 | Acetic acid, (2,4,5-trichlorophenoxy). |
| | 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-. |
| 94597 | Safrole. |
| | 1,3-Benzodioxole, 5-(2-propenyl)-. |
| 94757 | Acetic acid (2,4-dichlorophenoxy)-, salts & esters. |
| | 2,4-D Acid. |
| | 2,4-D, salts and esters. |
| 94791 | 2,4-D Ester. |
| 94804 | 2,4-D Ester. |
| 95476 | o-Benzene, dimethyl. |
| | o-Xylene. |
| 95487 | o-Cresol. |
| | o-Cresylic acid. |
| 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. |
| 96128 | Propane, 1,2-dibromo-3-chloro-. |
| | 1,2-Dibromo-3-chloropropane. |
| 96184 | 1,2,3-Trichloropropane. |
| 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. |
| | 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. |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

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 |
|--------|---|
| | Phenol, 4-nitro- |
| 100254 | 4-Nitrophenol. |
| 100414 | p-Dinitrobenzene. |
| 100425 | Ethylbenzene. |
| 100447 | Styrene. |
| | 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 | Carbamic acid, (3-chlorophenyl)-, 4-chloro-2-butynyl ester (Barban). |
| 101553 | Benzene, 1-bromo-4-phenoxy- |
| | 4-Bromophenyl phenyl ether. |
| 103855 | Phenylthiourea. |
| | Thiourea, phenyl- |
| 105464 | sec-Butyl acetate. |
| 105679 | Phenol, 2,4-dimethyl- |
| 106423 | 2,4-Dimethylphenol. |
| | p-Benzene, dimethyl. |
| | p-Xylene. |
| 106445 | p-Cresol. |
| | p-Cresylic acid. |
| 106467 | Benzene, 1,4-dichloro- |
| | p-Dichlorobenzene. |
| | 1,4-Dichlorobenzene. |
| 106478 | Benzenamine, 4-chloro- |
| | p-Chloroaniline. |
| 106490 | Benzenamine, 4-methyl- |
| | p-Toluidine. |
| 106503 | Phenylenediamine (para-isomer). |
| 106514 | p-Benzoquinone. |
| | 2,5-Cyclohexadiene-1,4-dione. |
| | Quinone. |
| 106898 | 1-Chloro-2,3-epoxypropane. |
| | Epichlorohydrin. |
| | Oxirane, (chloromethyl)-. |
| 106934 | Dibromoethane. |
| | Ethane, 1,2-dibromo- |
| | Ethylene, dibromide. |
| 107028 | Acrolein. |
| | 2-Propenal. |
| 107051 | Allyl chloride. |
| 107062 | Ethane, 1,2-dichloro- |
| | Ethylene dichloride. |
| | 1,2-Dichloroethane. |
| 107108 | n-Propylamine. |
| | 1-Propanamine. |
| 107120 | Ethyl cyanide. |
| | Propanenitrile. |
| 107131 | Acrylonitrile. |
| | 2-Propenenitrile. |
| 107153 | Ethylenediamine. |
| 107186 | Allyl alcohol. |
| | 2-Propen-1-ol. |
| 107197 | Propargyl alcohol. |
| | 2-Propyn-1-ol. |
| 107200 | Acetaldehyde, chloro- |
| | Chloroacetaldehyde. |
| 107302 | Chloromethyl methyl ether. |
| | Methane, chloromethoxy- |
| 107493 | Diphosphoric acid, tetraethyl ester. |
| | Tetraethyl pyrophosphate. |
| 107926 | Butyric acid. |
| 108054 | Vinyl acetate. |
| | Vinyl acetate monomer. |
| 108101 | Methyl isobutyl ketone. |
| | 4-Methyl-2-pentanone. |

| CASRN | Hazardous substance |
|--------|---|
| 108247 | Acetic anhydride. |
| 108316 | Maleic anhydride. |
| | 2,5-Furandione. |
| 108383 | m-Benzene, dimethyl. |
| | m-Xylene. |
| 108394 | m-Cresol. |
| | m-Cresylic acid. |
| 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 | Benzene, hydroxy- |
| | 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. |
| 110758 | Ethene, 2-chloroethoxy- |
| | 2-Chloroethyl vinyl ether. |
| 110805 | Ethanol, 2-ethoxy- |
| | Ethylene glycol monoethyl ether. |
| 110827 | Benzene, hexahydro- |
| | Cyclohexane. |
| 110861 | Pyridine. |
| 111444 | Bis (2-chloroethyl) ether. |
| | Dichloroethyl ether. |
| | Ethane, 1,1'-oxybis[2-chloro- |
| 111546 | Carbamodithioic acid, 1,2-ethanediybis, salts & esters. |
| | Ethylenebisdithiocarbamic acid, salts & esters. |
| 111911 | Bis(2-chloroethoxy) methane. |
| | Dichloromethoxy ethane. |
| | Ethane, 1,1'-[methylenebis(oxy)]bis(2-chloro- |
| 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)-, 0-[(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. |

Environmental Protection Agency

§ 302.4

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 |
|--------|--|
| 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. |
| 120821 | 1,3-Benzodioxole, 5-)1-propenyl)-. |
| 120832 | 1,2,4-Trichlorobenzene. |
| 121142 | Phenol, 2,4-dichloro-. 2,4-Dichlorophenol. |
| 121211 | Benzene, 1-methyl-2,4-dinitro-. 2,4-Dinitrotoluene. |
| 121299 | Pyrethrins. |
| 121448 | Pyrethrins. |
| 121755 | Triethylamine. |
| 122098 | Malathion. |
| 122394 | alpha, alpha-Dimethylphenethylamine. |
| 122429 | Benzeneethanamine, alpha, alpha-dimethyl-. Diphenylamine. |
| 122667 | Carbamic acid, phenyl-, 1-methylethyl ester (Propham). |
| 123331 | Hydrazine, 1,2-diphenyl-. 1,2-Diphenylhydrazine. |
| 123626 | Maleic hydrazide. |
| 123637 | 3,6-Pyridazinedione, 1,2-dihydro-. Propionic anhydride. |
| 123739 | Paraldehyde. 1,3,5-Trioxane, 2,4,6-trimethyl-. Crotonaldehyde. |
| 123864 | 2-Butenal. |
| 123911 | Butyl acetate. 1,4-Diethyleneoxide. 1,4-Diethylenedioxiide. 1,4-Dioxane. |
| 123922 | iso-Amyl acetate. |
| 124049 | Adipic acid. |
| 124403 | Dimethylamine. Methanamine, N-methyl-. Sodium methylate. |
| 124414 | Chlorodibromomethane. |
| 124481 | Tris(2,3-dibromopropyl) phosphate. |
| 126727 | 1-Propanol, 2,3-dibromo-, phosphate (3:1). Methacrylonitrile. |
| 126987 | 2-Propenenitrile, 2-methyl-. 2-Chloro-1,3-butadiene. |
| 126998 | Ethene, tetrachloro-. Perchloroethylene. |
| 127184 | Tetrachloroethylene. Tetrachloroethene. Tetrachloroethylene. |
| 127822 | Zinc phenolsulfonate. |
| 129000 | Pyrene. |
| 130154 | 1,4-Naphthalenedione. 1,4-Naphthoquinone. |
| 131113 | Dimethyl phthalate. 1,2-Benzenedicarboxylic acid, dimethyl ester. |
| 131748 | Ammonium picrate. Phenol, 2,4,6-trinitro-, ammonium salt. |
| 131895 | Phenol, 2-cyclohexyl-4,6-dinitro-. 2-Cyclohexyl-4,6-dinitrophenol. |
| 133062 | Captan. |
| 134327 | alpha-Naphthylamine. 1-Naphthalenamine. |
| 137268 | Thioperoxydicarbonic diamide ([H2N)C(S)]2S2, tetramethyl-. Thiram. |
| 137304 | Zinc, bis(dimethylcarbomodithioato-S,S')-, (Ziram). |
| 140885 | Ethyl acrylate. |

| CASRN | Hazardous substance |
|--------|--|
| 141786 | 2-Propenoic acid, ethyl ester. Acetic acid, ethyl ester. |
| 142289 | Ethyl acetate. |
| 142712 | 1,3-Dichloropropane. |
| 142847 | Cupric acetate. Dipropylamine. |
| 143339 | 1-Propanamine, N-propyl-. Sodium cyanide. |
| 143500 | Sodium cyanide Na(CN). Kepone. |
| 145733 | 1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-. Endothall. 7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid. |
| 148823 | L-Phenylalanine, 4-[bis(2-chloroethyl) amino]. Melphalan. |
| 151508 | Potassium cyanide. Potassium cyanide K(CN). |
| 151564 | Aziridine. Ethyleneimine. |
| 152169 | Diphosphoramidate, octamethyl-. Octamethylpyrophosphoramidate. |
| 156605 | Ethene, 1,2-dichloro- (E). 1,2-Dichloroethylene. |
| 189559 | Benzo [rst]pentaphene. Dibenz[a,i]pyrene. |
| 191242 | Benzo[ghi]perylene. |
| 193395 | Indeno(1,2,3-cd)pyrene. 1,10-(1,2-Phenylene)pyrene. |
| 205992 | Benzo[b]fluoranthene. |
| 206440 | Benzo[j,k]fluorene. Fluoranthene. |
| 207089 | Benzo(k)fluoranthene. |
| 208968 | Acenaphthylene. |
| 218019 | Chrysene. 1,2-Benzphenanthrene. |
| 225514 | Benz[c]acridine. |
| 297972 | O,O-Diethyl O-pyrazinyl phosphoro- thioate. 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. |
| 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-di- hydroxy-2-(1-methoxyethyl)-3- oxobutoxy]methyl]-2,3,5,7a-tetra- hydro-1H-pyrrolizin-1-yl ester, [1S- [1alpha(Z),7(2S*,3R*),7aalpha]]-. |
| 305033 | Benzenebutanoic acid, 4-[bis(2- chloroethyl)amino]-. Chlorambucil. |
| 309002 | Aldrin. 1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10- 10-hexachloro-1, 4,4a,5,8,8a-hexahydro- (1alpha,4 alpha,4beta,5alpha,8alpha,8beta)-. Diethyl-p-nitrophenyl phosphate. |
| 311455 | |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

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 |
|--------|--|
| | Phosphoric acid, diethyl 4-nitrophenyl ester. |
| 315184 | Mexacarbate. |
| 319846 | alpha—BHC. |
| 319857 | beta—BHC. |
| 319868 | delta—BHC. |
| 329715 | 2,5-Dinitrophenol. |
| 330541 | Diuron. |
| 333415 | Diazinon. |
| 353504 | Carbon oxyfluoride. Carbonic difluoride. |
| 357573 | Brucine. Strychnidin-10-one, 2,3-dimethoxy-. |
| 460195 | Cyanogen. Ethanedinitrile. |
| 465736 | Isodrin. 1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro (1alpha,4alpha,4abeta,5beta,8beta,8abeta)-. |
| 492808 | Auramine. Benzenamine, 4,4'-carbonimidoylbis (N,N-dimethyl(N,N-D,methyl)-). |
| 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. Silver cyanide Ag(CN). |
| 506683 | Cyanogen bromide. Cyanogen bromide (CN)Br. |
| 506774 | Cyanogen chloride. Cyanogen chloride (CN)Cl. |
| 506876 | Ammonium carbonate. |
| 506967 | Acetyl bromide. |
| 509148 | Methane, tetranitro-. Tetranitromethane. |
| 510156 | Benzenoacetic acid, 4-chloro- α -chlorophenyl)- α -hydroxy-, ethyl ester. Chlorobenzilate. (4- |
| 513495 | sec-Butylamine. |
| 528290 | o-Dinitrobenzene. |
| 534521 | 4,6-Dinitro-o-cresol, and salts. Phenol, 2-methyl-4,6-dinitro-, & salts. |
| 540738 | Hydrazine, 1,2-dimethyl-. 1,2-Dimethylhydrazine. |
| 540885 | tert-Butyl acetate. |
| 541093 | Uranyl acetate. |
| 541537 | Dithiobiuret. Thioimidodicarbonic diamide [(H2N)C(S)2]NH. |
| 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. |

| CASRN | Hazardous substance |
|--------|---|
| 544923 | Copper cyanide CuCN. Copper cyanide. |
| 554847 | m-Nitrophenol. |
| 557197 | Nickel cyanide. Nickel cyanide Ni(CN)2. |
| 557211 | Zinc cyanide. 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. Calcium cyanide Ca(CN)2. |
| 592041 | Mercuric cyanide. |
| 592858 | Mercuric thiocyanate. |
| 592870 | Lead thiocyanate. |
| 594423 | Methanesulfonyl chloride, trichloro-. Trichloromethanesulfonyl chloride. |
| 598312 | Bromoacetone. 2-Propanone, 1-bromo-. |
| 606202 | Benzene, 1-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. |
| 616239 | n-,2,3 Dichloropropanol. |
| 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-. 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-[[dimethylamino]carbonyl]-5-methyl-1H-pyrazol-3-yl ester (Dimetilan). |
| 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. |

Environmental Protection Agency

§ 302.4

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 |
|---------|--|
| | Oxiranecarboxyaldehyde. |
| 815827 | Cupric tartrate. |
| 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. Zinc phosphide Zn3P2, when present at con- centrations greater than 10%. |
| 1314870 | Lead sulfide. |
| 1319728 | 2,4,5-T amines. |
| 1319773 | Cresol(s). Cresylic acid. Phenol, methyl-. |
| | 2,4-D Ester. |
| 1320189 | Nitrotoluene. |
| 1321126 | Arsenic acid. |
| 1327522 | Arsenic acid H3AsO4. |
| 1327533 | Arsenic oxide As2O3. Arsenic trioxide. |
| 1330207 | Benzene, dimethyl. Xylene (mixed). |
| 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. |

| CASRN | Hazardous substance |
|---------|--|
| 1464535 | 1,2:3,4-Diepoxybutane. |
| | 2,2'-Bioxirane. |
| 1563388 | 7-Benzofuranol, 2,3-dihydro-2,2-dimethyl- (Carbofuran phenol). |
| 1563662 | Carbofuran. |
| 1615801 | Hydrazine, 1,2-diethyl- N,N'-Diethylhydrazine. |
| 1646884 | Propanal, 2-methyl-2-(methylsulfonyl)-, O- [(methylamino)carbonyl] oxime (Aldicarb sulfone). |
| 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-. |
| | Dicamba. |
| 1918009 | 2,4-D Ester. |
| 1928387 | 2,4,5-T esters. |
| 1928478 | 2,4-D Ester. |
| 1928616 | 2,4-D Ester. |
| 1929733 | 2,4,5-T amines. |
| 2008460 | Mercaptodimethur. |
| 2032657 | Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester. Diallate. |
| 2303164 | Carbamothioic acid, bis(1-methylethyl)-, S- (2,3,3-trichloro-2-propenyl) ester (Triallate). |
| 2303175 | Propargite. 2,4,5-T esters. |
| 2312358 | Phenol, 3-methyl-5-(1-methylethyl)-, methyl car- bamate (Promecarb). |
| 2545597 | Muscimol. |
| 2631370 | 3(2H)-Isoxazolone, 5-(aminomethyl)-. 5-(Aminomethyl)-3-isoxazolol. |
| 2763964 | Diquat Chlorpyrifos. |
| 2764729 | Ferric ammonium oxalate. |
| 2921882 | 2,4-D Ester. |
| 2944674 | Ammonium citrate, dibasic. |
| 2971382 | Ammonium tartrate. |
| 3012655 | Benzenamine, 4-chloro-2-methyl-, hydrochloride. |
| 3164292 | 4-Chloro-o-toluidine, hydrochloride. |
| 3165933 | Cupric nitrate. |
| | O,O-Diethyl S-methyl dithiophosphate. |
| 3251238 | Phosphorodithioic acid, O,O-diethyl S-methyl ester. |
| 3288582 | Zinc carbonate. |
| 3486359 | Tetraethyldithiopyrophosphate. |
| 3689245 | Thiodiphosphoric acid, tetraethyl ester. |
| | 2,4,5-T amines. |
| 3813147 | Crotonaldehyde. |
| 4170303 | 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. |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

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 |
|---------|---------------------------------------|
| 7439921 | Lead. |
| 7439976 | Mercury. |
| 7440020 | Nickel. |
| 7440224 | Silver. |
| 7440235 | Sodium. |
| 7440280 | Thallium. |
| 7440360 | Antimony. |
| 7440382 | Arsenic. |
| 7440417 | 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. |
| | Selenium sulfide SeS2. |
| 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. |
| 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. |
| | Arsenic acid H3AsO4. |
| 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. |

| CASRN | Hazardous substance |
|----------|--|
| 7783008 | Selenious acid. |
| 7783064 | Hydrogen sulfide. |
| | Hydrogen sulfide H2S. |
| 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 | Meviphos. |
| 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. |
| | Thallium(I) chloride. |
| 7803512 | Hydrogen phosphide. |
| | Phosphine. |
| 7803556 | Ammonium vanadate. |
| | Vanadic acid, ammonium salt. |
| 8001352 | Camphene, octachloro-. |
| | Chlorinated camphene. |
| | Toxaphene. |
| 8001589 | Creosote. |
| 8003198 | Dichloropropane—Dichloropropene (mixture). |
| 8003347 | Pyrethrins. |
| 8014957 | Sulfuric acid. |
| 10022705 | Sodium hypochlorite. |
| 10025873 | Phosphorus oxychloride. |
| 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. |
| 10102440 | Nitrogen dioxide. |
| | Nitrogen oxide NO2. |
| 10102451 | 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. |

Environmental Protection Agency

§ 302.4

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

| CASRN | Hazardous substance |
|----------|---|
| 10361894 | Sodium phosphate, tribasic. |
| 10380297 | Cupric sulfate, ammoniated. |
| 10415755 | Mercurous nitrate. |
| 10421484 | Ferric nitrate. |
| 10544726 | Nitrogen dioxide. Nitrogen oxide NO2. |
| 10588019 | Sodium bichromate. |
| 10605217 | Carbamic acid, 1H-benzimidazol-2-yl, methyl ester (Carbendazim). |
| 11096825 | Aroclor 1260. Aroclors. PCBs. POLYCHLORINATED BIPHENYLS. |
| 11097691 | Aroclor 1254. Aroclors. PCBs. POLYCHLORINATED BIPHENYLS. |
| 11104282 | Aroclor 1221. Aroclors. PCBs. POLYCHLORINATED BIPHENYLS. |
| 11115745 | Chromic acid. |
| 11141165 | Aroclor 1232. Aroclors. PCBs. POLYCHLORINATED BIPHENYLS. |
| 12002038 | Cupric acetoarsenite. |
| 12039520 | Selenious acid, dithallium(1+) salt. Thallium selenite. |
| 12054487 | Nickel hydroxide. |
| 12125018 | Ammonium fluoride. |
| 12125029 | Ammonium chloride. |
| 12135761 | Ammonium sulfide. |
| 12672296 | Aroclor 1248. Aroclors. PCBs. POLYCHLORINATED BIPHENYLS. |
| 12674112 | Aroclor 1016. Aroclors. PCBs. POLYCHLORINATED BIPHENYLS. |
| 12771083 | Sulfur monochloride. |
| 13463393 | Nickel carbonyl. Nickel carbonyl Ni(CO)4, (T-4)-, 2,4,5-T salts. |
| 13560991 | Beryllium nitrate. |
| 13597994 | Zirconium nitrate. |
| 13746899 | Calcium chromate. |
| 13765190 | Chromic acid H2CrO4, 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. |
| 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. |

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

| CASRN | Hazardous substance |
|----------|--|
| 16871719 | Zinc silicofluoride. |
| 16919190 | Ammonium silicofluoride. |
| 16923958 | Zirconium potassium fluoride. |
| 17702577 | Methanimidamide, N,N-dimethyl-N'-[2-methyl-4-[[[(methylamino)carbonyl]oxy]phenyl]- (Formparanate). |
| 17804352 | Carbamic acid, [1-[[butylamino)carbonyl]-1H-benzimidazol-2-yl, methyl ester (Benomyl). |
| 18883664 | D-Glucose, 2-deoxy-2-[[[(methylnitrosoamino)carbonyl]amino]-, 2-deoxy-2-(3-methyl-3-nitrosoureido)-. Streptozotocin. |
| 20816120 | Osmium oxide OsO4 (T-4). Osmium tetroxide. |
| 20830813 | Daunomycin. 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)-. |
| 20859738 | Aluminum phosphide. |
| 22781233 | 1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate (Bendiocarb). |
| 22961826 | 1,3-Benzodioxol-4-ol, 2,2-dimethyl-, (Bendiocarb phenol). |
| 23135220 | Ethanimidothioic acid, 2-(dimethylamino)-N-[[[(methylamino)carbonyl]oxy]-2-oxo-, methyl ester (Oxamyl). |
| 23422539 | Methanimidamide, N,N-dimethyl-N'-[3-[[[(methylamino)carbonyl]oxy]phenyl]-, monohydrochloride (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. Dinitrophenol. |
| 25550587 | Calcium dodecylbenzenesulfonate. |
| 26264062 | 1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O-[[[(methylamino)carbonyl]oxime (Tirpate). |
| 26419738 | Benzene, 1,3-diisocyanatomethyl-. 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. |

§ 302.4

40 CFR Ch. I (7–1–01 Edition)

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

| CASRN | Hazardous substance |
|----------|--|
| 37211055 | Nickel chloride. |
| 39196184 | Thiofanox 2-Butanone, 3,3-dimethyl-1-(methylthio)-, O[(methylamino)carbonyl] oxime. |
| 42504461 | Isopropanolamine dodecylbenzenesulfonate. |
| 52628258 | Zinc ammonium chloride. |
| 52652592 | Lead stearate. |
| 52740166 | Calcium arsenite. |
| 52888809 | Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester (Prosulfocarb). |
| 53467111 | 2,4-D Ester. |
| 53469219 | Aroclor 1242 Aroclors. PCBs. POLYCHLORINATED BIPHENYLS. |
| 55285148 | Carbamic acid, [(dibutylamino)thio]methyl-, 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ester (Carbosulfan). |
| 55488874 | Ferric ammonium oxalate. |
| 56189094 | Lead stearate. |
| 59669260 | Ethanimidothioic acid, N,N'-[thiobis[(methylimino)carbonyloxy]]bis-, di-methyl ester (Thiodicarb). |
| 61792072 | 2,4,5-T esters. |

APPENDIX B TO § 302.4—RADIONUCLIDES—Continued

| Radionuclide | Atomic Number | Final RQ Ci (Bq) |
|-----------------|---------------|------------------|
| 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) |
| 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) |

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) |
| 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) |

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) |
|------------------|---------------|------------------|
| 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) |
| 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) |

| Radionuclide | Atomic Number | Final RQ Ci (Bq) |
|------------------------|---------------|------------------|
| 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 (3.7E 7) |
| 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) |
| 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) |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

APPENDIX B TO § 302.4—RADIONUCLIDES—
Continued

APPENDIX B TO § 302.4—RADIONUCLIDES—
Continued

| Radionuclide | Atomic Number | Final RQ Ci (Bq) |
|-----------------------|---------------|------------------|
| 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) |
| 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) |

| Radionuclide | Atomic Number | Final RQ Ci (Bq) |
|-----------------|---------------|------------------|
| 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) |
| 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) |

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) |
|----------------------------|---------------|------------------|
| 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) |
| 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) |

| Radionuclide | Atomic Number | Final RQ Ci (Bq) |
|-----------------------|---------------|------------------|
| 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 ϕ | 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) |
| 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) |

§ 302.4

40 CFR Ch. I (7-1-01 Edition)

APPENDIX B TO § 302.4—RADIONUCLIDES—
Continued

APPENDIX B TO § 302.4—RADIONUCLIDES—
Continued

| Radionuclide | Atomic Number | Final RQ Ci (Bq) |
|---------------|---------------|------------------|
| 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) |
| 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) |

| Radionuclide | Atomic Number | Final RQ Ci (Bq) |
|------------------------|---------------|------------------|
| 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) |
| 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) |

Environmental Protection Agency

§ 302.5

APPENDIX B TO § 302.4—RADIONUCLIDES—
Continued

APPENDIX B TO § 302.4—RADIONUCLIDES—
Continued

| Radionuclide | Atomic Number | Final RQ Ci (Bq) |
|--------------------------|---------------|------------------|
| 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 & (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) |
| 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) |

| Radionuclide | Atomic Number | Final RQ Ci (Bq) |
|--------------|---------------|------------------|
| 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) |

Ⓒ—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.

φ—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 of 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