

burdens for small business concerns with fewer than 25 employees,” pursuant to the Small Business Paperwork Relief Act of 2002, Public Law 107–198, *see* 44 U.S.C. 3506(c)(4).

C. Congressional Review Act

66. The Commission has sent a copy of the *Report and Order*, including the FRFA, in a report to be sent to Congress and the Government Accountability Office pursuant to the Congressional Review Act. In addition, the Commission has sent a copy of the *Report and Order*, including the FRFA, to the Chief Counsel for Advocacy of the Small Business Administration.

D. Additional Information

67. For additional information on this proceeding, please contact John W. Berresford, (202) 418–1886, or Holly Saurer, (202) 418–7283, both of the Policy Division, Media Bureau.

VI. Ordering Clauses

68. Accordingly, *it is ordered* that, pursuant to the authority contained in sections 1, 2(a), 4(i) 157 nt., 303(r), 335, 601(6), 628(b,c), and 653(c)(1) of the Communications Act of 1934, as amended; 47 U.S.C. 151, 152(a), 154(i), 157 nt., 303(r), 335, 521(6), 548(b,c), and 573(c)(1), this *Report and Order* is adopted.

69. *It is further ordered* that, pursuant to the authority contained in sections 1, 2(a), 4(i) 157 nt., 303(r), 335, 601(6), 628(b,c), and 653(c)(1) of the Communications Act of 1934, as amended, 47 U.S.C. 151, 152(a), 154(i), 157 nt., 303(r), 335, 521(6), 548(b,c), and 573(c)(1), 47 CFR part 76.2000 of the Commission’s rules *is amended*, as set forth below. It is our intention in adopting these rule changes that, if any provision of the rules is held invalid by any court of competent jurisdiction, the remaining provisions shall remain in effect to the fullest extent permitted by law.

70. *It is further ordered* that the following documents shall be made part of the record in this proceeding: (a) Letter from Leora Hochstein, Executive Director, Federal Regulatory, Verizon, to Marlene H. Dortch, Commission Secretary, MB Docket No. 05–311 (Aug. 9, 2006); (b) Letter from Ms. Hochstein to Ms. Dortch, MB Docket No. 05–311 (July 6, 2006); (c) Comments of SureWest Communications in MM Docket No. 06–189; (d) Comments of Manatee County, Florida, in MB Docket No. 05–311; and (e) the Comments of Cablevision and Comcast in MB Docket No. 07–29.

71. *It is further ordered* that the rule contained herein *shall become effective*

60 days after publication of this *report and order* in the **Federal Register**.

List of Subjects in 47 CFR Part 76

Cable television.

Federal Communications Commission.

Marlene H. Dortch,
Secretary.

Final Rules

■ For the reasons discussed in the preamble, the Federal Communications Commission amends 47 CFR part 76 as follows:

PART 76—MULTICHANNEL VIDEO AND CABLE TELEVISION SERVICE

■ 1. The authority citation for part 76 continues to read as follows:

Authority: 47 U.S.C. 151, 152, 153, 154, 301, 302, 302a, 303, 303a, 307, 308, 309, 312, 315, 317, 325, 339, 340, 341, 503, 521, 522, 531, 532, 534, 535, 536, 537, 543, 544, 544a, 545, 548, 549, 552, 554, 556, 558, 560, 561, 571, 572, 573.

■ 2. Add subpart X to part 76 to read as follows:

Subpart X—Access to MDUs

§ 76.2000 Exclusive access to multiple dwelling units generally.

(a) *Prohibition.* No cable operator or other provider of MVPD service subject to 47 U.S.C. 548 shall enforce or execute any provision in a contract that grants to it the exclusive right to provide any video programming service (alone or in combination with other services) to a MDU. All such exclusivity clauses are null and void.

(b) *Definition.* For purposes of this rule, MDU shall include a multiple dwelling unit building (such as an apartment building, condominium building or cooperative) and any other centrally managed residential real estate development (such as a gated community, mobile home park, or garden apartment); provided however, that MDU shall not include time share units, academic campuses and dormitories, military bases, hotels, rooming houses, prisons, jails, halfway houses, hospitals, nursing homes or other assisted living facilities.

[FR Doc. E7–25349 Filed 1–4–08; 8:45 am]

BILLING CODE 6712–01–P

DEPARTMENT OF TRANSPORTATION

Pipeline and Hazardous Materials Safety Administration

49 CFR Part 172

[Docket No. PHMSA–2006–28711 (HM–145N)]

RIN 2137–AE24

Hazardous Materials: Revisions to the List of Hazardous Substances and Reportable Quantities

AGENCY: Pipeline and Hazardous Materials Safety Administration (PHMSA), DOT.

ACTION: Final rule.

SUMMARY: PHMSA amends the Hazardous Materials Regulations (HMR) by revising the list of hazardous substances and reportable quantities (RQs) and by correcting editorial errors to the list of hazardous substances and RQs. Superfund (*i.e.*, CERCLA) requires PHMSA to list and regulate all hazardous substances designated by the Environmental Protection Agency (EPA). This final rule enables shippers and carriers to identify the affected hazardous substances, comply with all applicable regulatory requirements, and make the required notifications if the release of a hazardous substance occurs.

DATES: *Effective Date:* March 31, 2008.

Voluntary Compliance Date: PHMSA is authorizing voluntary compliance beginning February 29, 2008.

FOR FURTHER INFORMATION CONTACT: Dirk Der Kinderen (202) 366–8553, Office of Hazardous Materials Standards, PHMSA, 1200 New Jersey Avenue, SE., East Building, Washington, DC 20590–0001. Questions about hazardous substance designations or reportable quantities should be directed to EPA at the Superfund, EPCRA, RMP and Oil Information hotline at (800) 424–9346 or, in Washington, DC, local area (703) 412–9810.

SUPPLEMENTARY INFORMATION:

I. Background

Section 306(a) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA; 42 U.S.C. 9601–9675), as amended by section 202 of the Superfund Amendments and Reauthorization Act of 1986 (SARA; 42 U.S.C 11011 *et seq.*), requires the Secretary of Transportation to regulate hazardous substances listed or designated under Section 101(14) of CERCLA, 42 U.S.C. 9601(14), as hazardous materials under the Federal hazardous materials transportation law (49 U.S.C. 5101–5128). PHMSA carries

out the rulemaking responsibilities of the Secretary of Transportation under the Federal hazardous materials transportation law, 49 CFR 1.53(b). This final rule is necessary to comply with 42 U.S.C. 9656(a), as amended by Section 202 of SARA.

In carrying out the statutory mandate, PHMSA has no discretion to determine what is or is not a hazardous substance or the appropriate reportable quantity (RQ) for materials designated as hazardous substances. This authority is vested in EPA. In accordance with CERCLA requirements, EPA must issue final rules amending the list of CERCLA hazardous substances, including adjusting RQs, before PHMSA can amend the list of hazardous substances in the HMR. PHMSA periodically revises the list of hazardous substances and RQs in the HMR (49 CFR Parts 171–180) as adjustments are made by EPA.

This final rule revises the “List of Hazardous Substances and Reportable Quantities” that appears in Table 1 of Appendix A to § 172.101 to be consistent with EPA’s List of Hazardous Substances and Reportable Quantities in 40 CFR 302.4 (Table 302.4). The changes made in this final rule are based on several EPA final rules that added, corrected, or deleted (removed) entries to Table 302.4. In addition, this final rule revises the “List of Hazardous Substances and Reportable Quantities” to correct typographical errors or insert inadvertent omissions from previous PHMSA rulemakings that revised the list based on previous EPA rule changes.

This final rule will enable shippers and carriers to identify CERCLA hazardous substances, comply with all applicable HMR and EPA requirements, and make required notifications if a release of a hazardous substance occurs. In addition to the reporting requirements of the HMR found in §§ 171.15 and 171.16, a release of a hazardous substance is subject to EPA notification requirements under 40 CFR 302.6 and may be subject to the reporting requirements of the U.S. Coast Guard under 33 CFR 153.203.

II. Recent Revisions to EPA Table 302.4

This final rule revises the “List of Hazardous Substances and Reportable Quantities” that appears in Table 1 of

Appendix A to § 172.101 to be consistent with revisions made in recent EPA rules that followed our last reprint of Table 1. The EPA changes to Table 302.4 are discussed as follows. (See the tables below for a listing of hazardous substances added and deleted by the EPA rules discussed below.)

On July 9, 2002, EPA issued a direct final rule (67 FR 45314) correcting errors and removing obsolete or redundant language in its Table 302.4. The majority of the errors were either typographical or the result of inadvertent omissions. Specifically, errors included unintentional discrepancies between an individual hazardous substance name appearing in Table 302.4 and the same name as it appears in other statutes (*i.e.*, Resource Conservation and Recovery Act (RCRA) section 3001, Clean Water Act (CWA) sections 307 and 311, and Clean Air Act (CAA) section 112) and their implementing regulations. EPA made corrections to the names of a number of hazardous substances to make them consistent with names that appear in these other regulatory lists. Many of these corrections are simple and involve, for example, the deletion of an unnecessary hyphen or the addition of parentheses. EPA added synonyms for six hazardous substances to Table 302.4 to be consistent with a February 9, 1995 final rule (60 FR 7824) that added a number of synonyms to RCRA regulations for those same substances. The hazardous substances and the respective synonyms that were added are “Carbaryl; (1-Naphthalenol, methylcarbamate)”, “Carbofuran; (7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate)”, “Mercaptodimethur; (Phenol, (3,5-dimethyl-4-(methylthio)-, methylcarbamate)”, “Mexacarbate; (Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester))”, “Propoxur (Baygon); (Phenol, 2-(1-methylethoxy)-, methylcarbamate)”, and “Triethylamine; (Ethanamine, N,N-diethyl-).” EPA also added the entries “Bis(chloromethyl) ether” and “Bromomethane” as synonyms to be consistent with substances listed in section 112 of the CAA. Additionally, EPA removed a number of hazardous

substances from Table 302.4 in the interest of avoiding duplicative entries and deleted a number of synonyms of hazardous substances because the synonyms are not listed in RCRA, CWA, CAA, or their implementing regulations. Please refer to the July 9, 2002 **Federal Register** noted above for a complete explanation of the additions and deletions. This rule revises the entries in Table 1 of Appendix A to § 172.101 of the HMR for consistency with the revisions in EPA’s July 9, 2002 final rule. However, we are retaining the entry for “Methyl chloroformate” and adding the footnote “@” because “Methyl chloroformate” is also listed as a proper shipping name in the Hazardous Materials Table (HMT). The footnote “@” signifies that the entry is added by PHMSA because it is a synonym for a listed hazardous substance and appears in the HMT as a proper shipping name.

On February 24, 2005, EPA issued a final rule (70 FR 9138) that added an entry for the K181 waste code (nonwastewaters from the production of dyes and/or pigments) to Table 302.4 and assigned the waste a statutory one-pound RQ. This rule adds K181 to the “List of Hazardous Substances and Reportable Quantities.”

On August 16, 2006, EPA issued a final rule (71 FR 47106) that adjusted the RQs for 34 hazardous substances from their statutory one-pound RQs. Specifically, the rule adjusted RQs for 28 individual carbamates, five carbamate-related waste codes (K156, K157, K158, K159, and K161), and the K178 waste code (inorganic manufacturing process waste). With the exception of K156, K157, K158, and K178, these materials have not been previously listed in the HMR as hazardous substances. This rule adds the 30 previously unlisted hazardous substances to the HMR and adjusts the RQs for consistency with EPA Table 302.4.

The following tables identify hazardous substances added or deleted in this final rule as well as a **Federal Register** reference to the EPA rule each revision is based upon:

A. Hazardous Substances Added to Table 1 of Appendix A to § 172.101

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)	EPA final rule
A2213	5000 (2270)	71 FR 47106
Aldicarb sulfone	100 (45.4)	71 FR 47106
Barban	10 (4.54)	71 FR 47106
Bendiocarb	100 (45.4)	71 FR 47106
Bendiocarb phenol	1000 (454)	71 FR 47106
Benomyl	10 (4.54)	71 FR 47106

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)	EPA final rule
1,3-Benzodioxol-4-ol, 2,2-dimethyl-	1000 (454)	71 FR 47106
1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate	100 (45.4)	71 FR 47106
7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-	10 (4.54)	71 FR 47106
7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate	10 (4.54)	67 FR 45314
Benzoic acid, 2-hydroxy-, compd. with (3a <i>S</i> - <i>cis</i>)-1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethylpyrrolo [2,3- <i>b</i>]indol-5-yl methylcarbamate ester (1:1)	100 (45.4)	71 FR 47106
Bis(chloromethyl) ether	10 (4.54)	67 FR 45314
Bromomethane	1000 (454)	67 FR 45314
Carbamic acid, 1 <i>H</i> -benzimidazol-2-yl, methyl ester	10 (4.54)	71 FR 47106
Carbamic acid, [1-[(butylamino)carbonyl]-1 <i>H</i> -benzimidazol-2-yl]-, methyl ester	10 (4.54)	71 FR 47106
Carbamic acid, (3-chlorophenyl)-, 4-chloro-2-butynyl ester	10 (4.54)	71 FR 47106
Carbamic acid, [(dibutylamino)thio]methyl-, 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ester	1000 (454)	71 FR 47106
Carbamic acid, dimethyl-, 1-[(dimethyl-amino)carbonyl]-5-methyl-1 <i>H</i> -pyrazol-3-yl ester	1 (0.454)	71 FR 47106
Carbamic acid, dimethyl-, 3-methyl-1-(1-methylethyl)-1 <i>H</i> -pyrazol-5-yl ester	100 (45.4)	71 FR 47106
Carbamic acid, methyl-, 3-methylphenyl ester	1000 (454)	71 FR 47106
Carbamic acid, [1,2-phenylenebis(iminocarbonothioyl)] bis-, dimethyl ester	10 (4.54)	71 FR 47106
Carbamic acid, phenyl-, 1-methylethyl ester	1000 (454)	71 FR 47106
Carbamothioic acid, bis(1-methylethyl)-, <i>S</i> -(2,3,3-trichloro-2-propenyl) ester	100 (45.4)	71 FR 47106
Carbamothioic acid, dipropyl-, <i>S</i> -(phenylmethyl) ester	5000 (2270)	71 FR 47106
Carbendazim	10 (4.54)	71 FR 47106
Carbofuran phenol	10 (4.54)	71 FR 47106
Carbosulfan	1000 (454)	71 FR 47106
Cresol (cresylic acid)	100 (45.4)	67 FR 45314
<i>m</i> -Cumenyl methylcarbamate	10 (4.54)	71 FR 47106
Diethylene glycol, dicarbamate	5000 (2270)	71 FR 47106
Dimetilan	1 (0.454)	71 FR 47106
1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, <i>O</i> -[(methylamino)carbonyl] oxime	100 (45.4)	71 FR 47106
Ethanamine, <i>N,N</i> -diethyl-	5000 (2270)	67 FR 45314
Ethanimidothioic acid, 2-(dimethylamino)- <i>N</i> -hydroxy-2-oxo-, methyl ester	5000 (2270)	71 FR 47106
Ethanimidothioic acid, 2-(dimethylamino)- <i>N</i> -[[methylamino]carbonyl]oxy]-2-oxo-, methyl ester	100 (45.4)	71 FR 47106
Ethanimidothioic acid, <i>N,N'</i> [thiobis(methylimino) carbonyloxy]]bis-, dimethyl ester	100 (45.4)	71 FR 47106
Ethanol, 2,2'-oxybis-, dicarbamate	5000 (2270)	71 FR 47106
Formetate hydrochloride	100 (45.4)	71 FR 47106
Formparanate	100 (45.4)	71 FR 47106
Isolan	100 (45.4)	71 FR 47106
3-Isopropylphenyl <i>N</i> -methylcarbamate	10 (4.54)	71 FR 47106
Manganese, bis(dimethylcarbamodithioato- <i>S,S'</i>)-	10 (4.54)	71 FR 47106
Manganese dimethylthiocarbamate	10 (4.54)	71 FR 47106
Methanimidamide, <i>N,N</i> -dimethyl- <i>N'</i> -[3-[[methylamino] carbonyl]oxy]phenyl]-, monohydrochloride	100 (45.4)	71 FR 47106
Methanimidamide, <i>N,N</i> -dimethyl- <i>N'</i> -[2-methyl-4-[[methylamino]carbonyl]oxy]phenyl]-	100 (45.4)	71 FR 47106
Metolcarb	1000 (454)	71 FR 47106
1-Naphthalenol, methylcarbamate	100 (45.4)	67 FR 45314
Oxamyl	100 (45.4)	71 FR 47106
Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester)	1000 (454)	67 FR 45314
Phenol, (3,5-dimethyl)-4-(methylthio)-, methylcarbamate	10 (4.54)	67 FR 45314
Phenol, 2-(1-methylethoxy)-, methylcarbamate	100 (45.4)	67 FR 45314
Phenol, 3-(1-methylethyl)-, methyl carbamate	10 (4.54)	71 FR 47106
Phenol, 3-methyl-5-(1-methylethyl)-, methyl carbamate	1000 (454)	71 FR 47106
Physostigmine	100 (45.4)	71 FR 47106
Physostigmine salicylate	100 (45.4)	71 FR 47106
Promecarb	1000 (454)	71 FR 47106
Propanal, 2-methyl-2-(methyl-sulfonyl)-, <i>O</i> -[(methylamino)carbonyl] oxime	100 (45.4)	71 FR 47106
Propham	1000 (454)	71 FR 47106
Prosulfocarb	5000 (2270)	71 FR 47106
Pyrrolo[2,3- <i>b</i>] indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3a <i>S</i> - <i>cis</i>)-	100 (45.4)	71 FR 47106
Thiodicarb	100 (45.4)	71 FR 47106
Thiophanate-methyl	10 (4.54)	71 FR 47106
Tirpate	100 (45.4)	71 FR 47106
Triallate	100 (45.4)	71 FR 47106
Zinc, bis(dimethylcarbamodithioato- <i>S,S'</i>)-	10 (4.54)	71 FR 47106
Ziram	10 (4.54)	71 FR 47106
K159	10 (4.54)	71 FR 47106
K161	1 (0.454)	71 FR 47106
K181	1 (0.454)	70 FR 9138

B. Hazardous Substances Deleted From Table 1 of Appendix A to § 172.101

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)	EPA final rule
Arsenic acid	1 (0.454)	67 FR 45314
Benzene, m-dimethyl .....	.....	67 FR 45314
Benzene, o-dimethyl .....	.....	67 FR 45314
Benzene, p-dimethyl .....	.....	67 FR 45314
Benzene, hydroxy-	1000 (454)	67 FR 45314
Benzo[<i>j,k</i>]fluorine	100 (45.4)	67 FR 45314
1,2-Benzphenanthrene	100 (45.4)	67 FR 45314
Calcium cyanide	10 (4.54)	67 FR 45314
Camphene, octachloro-	1 (0.454)	67 FR 45314
4-Chloro-m-cresol	5000 (2270)	67 FR 45314
Copper cyanide	10 (4.54)	67 FR 45314
m-Cresylic acid .....	.....	67 FR 45314
o-Cresylic acid .....	.....	67 FR 45314
p-Cresylic acid .....	.....	67 FR 45314
Cyanogen bromide	1000 (454)	67 FR 45314
Cyanogen chloride	10 (4.54)	67 FR 45314
1,4-Diethylenedioxiide	100 (45.4)	67 FR 45314
Hexachlorocyclohexane (gamma isomer)	1 (0.454)	67 FR 45314
Hydrogen sulfide	100 (45.4)	67 FR 45314
Muscimol	1000 (454)	67 FR 45314
Nickel carbonyl	10 (4.54)	67 FR 45314
Nickel cyanide	10 (4.54)	67 FR 45314
1,10-(1,2-Phenylene) pyrene	100 (45.4)	67 FR 45314
Potassium cyanide	10 (4.54)	67 FR 45314
Selenium sulfide	10 (4.54)	67 FR 45314
Silver cyanide	1 (0.454)	67 FR 45314
Sodium cyanide	10 (4.54)	67 FR 45314
Tetrachloroethene	100 (45.4)	67 FR 45314
Thallium (I) chloride	100 (45.4)	67 FR 45314
Trichloroethene	100 (45.4)	67 FR 45314
2,4,5-Trichlorophenol .....	.....	67 FR 45314
2,4,6-Trichlorophenol .....	.....	67 FR 45314
Zinc cyanide	10 (4.54)	67 FR 45314
Zinc phosphide	100 (45.4)	67 FR 45314

III. PHMSA Revisions Based on Previous EPA Rule Revisions to Table 302.4

This final rule also makes corrections to the “List of Hazardous Substances and Reportable Quantities” appearing in Table 1 of Appendix A to § 172.101 to be consistent with revisions made in past EPA final rules that pre-date the rules discussed in section II. The corrections to the “List of Hazardous Substances and Reportable Quantities” are explained as follows:

(1) “Acetic acid, (2,4,5-trichlorophenoxy)-” and “Carbamodithioic acid, 1,2-ethanediybis-, salts & esters” were added to EPA Table 302.4 as new names for previously listed hazardous substances by a December 27, 1989 EPA final rule (54 FR 53057) but were inadvertently not added into the HMR. This rule adds “Acetic acid, (2,4,5-trichlorophenoxy)-” and “Carbamodithioic acid, 1,2-ethanediybis-, salts & esters” to the HMR.

(2) “Diamine” and “1,2,3,4,10-10-Hexachloro-1,4,4a,5,8,8a-hexahydro-1,4:5,8-endo,exo-dimethanonaphthalene” were no longer

listed in Table 302.4 as synonyms for hazardous substances by an August 14, 1989 EPA final rule (54 FR 33425) but inadvertently remained in the HMR. This rule deletes “Diamine” and “1,2,3,4,10-10-Hexachloro-1,4,4a,5,8,8a-hexahydro-1,4:5,8-endo,exo-dimethanonaphthalene” from the HMR.

(3) “3,4-Benzacridine”, “Carbamide, thio-”, “Carbamimidoseleonic acid”, “Carbon bisulfide”, “Ethanoyl chloride”, “Ethylenebisdithiocarbamic acid”, “Methanoic acid”, and “Methylene oxide” were deleted from Table 302.4 as synonyms by a December 27, 1989 EPA final rule (54 FR 53057) but inadvertently remained in the HMR. This rule deletes the synonyms from the HMR.

(4) “Methiocarb” was added to Table 302.4 as a synonym by a February 9, 1995 EPA final rule (60 FR 7824) but was inadvertently not added into the HMR. This rule adds “Methiocarb” to the HMR.

(5) “Aroclors”, “Chlorinated Camphene”, “DEHP”, “Dibromoethane”, “Hexone”, “Iodomethane”, “Lindane (all isomers)”, “PCBs”, “PCNB”, “Quinone”, “Quintobenzene”, “TCDD”, “2,4-Toluene diamine”, “2,4-Toluene

diisocyanate”, and “Urethane” were added to Table 302.4 as synonyms by a June 12, 1995 EPA final rule (60 FR 30926) but were inadvertently not added into the HMR. This rule adds the synonyms to the HMR.

(6) “beta-Propiolactone” was added as a new entry to Table 302.4 by a June 12, 1995 EPA final rule (60 FR 30926) but was inadvertently not added into the HMR. This rule adds “beta-Propiolactone” to the HMR.

(7) The entry for “1,4-Diethylenedioxiide” was corrected by adding “1,4-Diethyleneoxide” as a synonym to Table 302.4 by July 12, 1995 **Federal Register** corrections (60 FR 35991) but “1,4-Diethyleneoxide” was inadvertently not added into the HMR. This rule adds “1,4-Diethyleneoxide” to the HMR.

IV. PHMSA Changes to Table 1 of Appendix A to § 172.101

This final rule makes several non-substantive changes to the “List of Hazardous Substances and Reportable Quantities” that appears in Table 1 of Appendix A to § 172.101 of the HMR. Most of the changes correct typographical errors (i.e., incorrect RQs) and insert inadvertent omissions from

printings of previous PHMSA rulemakings and the CFR. The changes include the removal of descriptive language for waste codes found in Table 1 as well as the removal of the entry "Tetrachloroethane @" because it does not also appear in the HMT as a proper shipping name. The waste code descriptions are readily available in EPA's List of Hazardous Substances and Reportable Quantities in 40 CFR 302.4. In the interest of relieving the burden of tracking EPA revisions to waste code descriptions for consistency purposes, limiting the potential for errors in the text when printing the descriptions, and space savings, we believe the waste code descriptions do not need to be duplicated in the HMR.

Several hazardous substances in Table 1 are listed with an incorrect RQ and are being corrected by this final rule. The changes are discussed as follows:

(1) The RQ for "[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethoxy-" (and its synonym "3,3'-Dimethoxybenzidine") was incorrectly changed from 1 to 10 pounds rather than to 100 pounds in the August 21, 1989 PHMSA final rule (HM-145G; 54 FR 34666). This rule corrects the RQ for "[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethoxy-" and its synonym to 100 pounds.

(2) The RQ for "Diethylamine" was incorrectly changed to 1000 in the November 7, 1990 PHMSA final rule (HM-145I; 55 FR 46794). This rule corrects the RQ for "Diethylamine" to 100 pounds.

(3) The F004 waste code is based on two solvents: "Cresols/Cresylic Acid" and "Nitrobenzene." The August 2, 1995 PHMSA final rule (HM-145K; 60 FR 39608) inadvertently revised the RQ for "Nitrobenzene" from 1000 to 100 pounds rather than for "Cresols/Cresylic Acid." This final rule corrects the RQ for "Cresols/Cresylic Acid" from 1000 to 100 pounds and the RQ for "Nitrobenzene" to 1000 pounds.

(4) The RQs for "Acetic acid, thallium(1+) salt" and "1-Acetyl-2-thiourea" were incorrectly printed starting with the 1996 edition of the CFR. This rule corrects the RQs to 100 and 1000 pounds, respectively.

(5) The RQ for "Methyl chloromethyl ether @" was inadvertently not revised to 10 pounds in the March 5, 2002 PHMSA final rule (HM-145M; 67 FR 9926). The RQs for synonyms "Chloromethyl methyl ether" and "Methane, chloromethoxy-" were revised without revising the RQ for "Methyl chloromethyl ether @." This rule corrects the RQ for "Methyl chloromethyl ether @" to 10 pounds.

Several hazardous substances were inadvertently omitted from Table 1. The

omissions as well as other corrections to Table 1 are explained as follows:

(1) "1-Chloro-2,3-epoxypropane", "Dimethyl aminoazobenzene", "2,6-Dinitrophenol", "2-Methyl aziridine", and "m-Nitrophenol" were inadvertently omitted from the HMR through reprintings of the list in previous PHMSA rulemakings. This rule returns these entries to the HMR.

(2) The entry for "DDE" (and its RQ of 5000 pounds) was inadvertently omitted from the HMR starting with the 2000 edition of the CFR. This rule returns "DDE" and its RQ of 5000 pounds to the HMR. In addition, to provide clarification that there should be two listings of "DDE" with different RQs, CAS numbers are being added to the respective "DDE" entries. Also, the footnote "#" is added to the end of Table 1 of Appendix A to § 172.101 to provide a reference to the EPA rationale for having two entries with different RQs for the hazardous substance "DDE."

(3) "1-Naphthalenamine" and "2-Naphthalenamine" were inadvertently omitted from the HMR by including their respective synonyms, "1-Naphthylamine" and "2-Naphthylamine", instead. This rule adds "1-Naphthalenamine" and "2-Naphthalenamine" to the HMR and deletes "1-Naphthylamine" and "2-Naphthylamine" from the HMR.

Because this rulemaking makes numerous changes to the "List of Hazardous Substances and Reportable Quantities" found in Table 1 of Appendix A to § 172.101, we are reprinting it in its entirety.

V. Regulatory Analyses and Notices

A. Executive Order 12866 and DOT Regulatory Policies and Procedures

This final rule is not considered a significant regulatory action under section 3(f) of Executive Order 12866 and, therefore, was not reviewed by the Office of Management and Budget. The rule is not considered significant under the Regulatory Policies and Procedures of the Department of Transportation (44 FR 11034). The economic impact associated with this final rule should be minimal for shippers and carriers for several reasons: (1) This rule does not impose new requirements on shippers or carriers of hazardous substances, but merely lists and makes corrections to hazardous substances already subject to regulation by EPA; (2) to the extent that new hazardous substances are added to the HMR requiring compliance with regulations pertaining to transport of the hazardous substances, most of the new entries already meet an existing hazard class definition and are currently

subject to the HMR. For example, carbamates are widely used as ingredients in pesticides. Shippers and carriers would incur some increased costs from additional hazard communication requirements (e.g., "RQ" on shipping papers and marking of packages) but minimal compared to costs of compliance with regulations for a hazardous substance that previously had not been regulated and; (3) additional hazardous substances added into the HMR in this final rule were inadvertent omissions or are synonyms of hazardous substances already subject to the requirements.

In consideration of the changes to the RQs for several hazardous substances in this rule, we reviewed the "Economic Impact Analysis (EIA) of Proposed Reportable Quantity Adjustments for Carbamates Added as RCRA Hazardous Wastes and CERCLA Hazardous Substances, Volume VII," dated December 2002 prepared by the Environmental Protection Agency (EPA) in support of its related final rule. A copy of that document is available for review in the EPA docket (EPA-HQ-SFUND-2002-0010-0052).

According to the EPA EIA, upward RQ adjustments for hazardous substances reduce the required telephone notification of releases and reduce government and industry time spent on recordkeeping. The effects of these actions taken together can be categorized as "cost savings." Conversely, downward RQ adjustments would produce increases in these same actions and therefore result in additional costs. Likewise, from an HMR compliance cost perspective, upward RQ adjustments are expected to reduce costs by reducing the number of shipments subject to the hazard communication requirements for RQs or subject to the HMR in general (by being a hazardous material based solely on being defined as a hazardous substance) while downward RQ adjustments are expected to increase costs. The majority of the RQ adjustments (based on EPA adjustments) in this rule are upwards adjustments leading to an overall cost savings.

This final rule will also enhance transportation safety and environmental protection because shippers, carriers, and emergency response personnel will be able to identify specific hazardous substances and take appropriate actions to comply with the applicable packaging and hazard communication requirements and to respond to transportation incidents involving hazardous substances.

B. Executive Order 13132

This final rule has been analyzed in accordance with the principles and criteria contained in Executive Order 13132 ("Federalism"). This final rule preempts State, local and Indian tribe requirements but does not adopt any regulation that has substantial direct effects on the States, the relationship between the national government and the States, or the distribution of power and responsibilities among the various levels of government. Therefore, the consultation and funding requirements of Executive Order 13132 do not apply.

The Federal hazardous material transportation law, 49 U.S.C. 5101–5128, contains an express preemption provision (49 U.S.C. 5125(b)) that preempts State, local, and Indian tribe requirements on certain covered subjects. Covered subjects are:

- (1) The designation, description, and classification of hazardous material;
- (2) The packing, repacking, handling, labeling, marking, and placarding of hazardous material;
- (3) The preparation, execution, and use of shipping documents related to hazardous materials and requirements related to the number, contents, and placement of those documents;
- (4) The written notification, recording, and reporting of the unintentional release in transportation of hazardous material; or
- (5) The design, manufacture, fabrication, inspection, marking, maintenance, reconditioning, repair, or testing of a packaging or container represented, marked, certified, or sold as qualified for use in transporting hazardous material.

This final rule addresses covered subject items (1), (2), and (3) above and would preempt State, local, and Indian tribe requirements not meeting the "substantively the same" standard. This rule is required by statute. Federal hazardous materials transportation law provides at Sec. 5125(b)(2) that, if PHMSA issues a regulation concerning any of the covered subjects, PHMSA must determine and publish in the **Federal Register** the effective date of Federal preemption. The effective date may not be earlier than the 90th day following the date of issuance of the final rule and not later than two years after the date of issuance. The effective date of Federal preemption for these requirements is April 7, 2008.

C. Executive Order 13175

This final rule has been analyzed in accordance with the principles and criteria contained in Executive Order

13175 ("Consultation and Coordination with Indian Tribal Governments"). Because this final rule does not have tribal implications, does not impose substantial direct compliance costs, and is required by statute, the funding and consultation requirements of Executive Order 13175 do not apply.

D. Regulatory Flexibility Act

The Regulatory Flexibility Act (5 U.S.C. 601 *et seq.*) requires an agency to review regulations to assess their impact on small entities unless the agency determines that a rule is not expected to have a significant impact on a substantial number of small entities. The Regulatory Flexibility Act applies only to final rules that are preceded by notices of proposed rulemaking (NPRM). Because this rule was not preceded by an NPRM, no assessment is required. EPA addressed the Regulatory Flexibility Act when it made the hazardous substances designation reflected in this rule.

E. Paperwork Reduction Act

This final rule does not impose any new information collection burden.

F. Regulation Identifier Number (RIN)

A regulation identifier number (RIN) is assigned to each regulatory action listed in the Unified Agenda of Federal Regulations. The Regulatory Information Service Center publishes the Unified Agenda in April and October of each year. The RIN contained in the heading of this document can be used to cross-reference this action with the Unified Agenda.

G. Unfunded Mandates Reform Act

This final rule imposes no mandates and, thus, does not impose unfunded mandates under the Unfunded Mandates Reform Act of 1995. It does not result in costs of \$120.7 million or more to either State, local or tribal governments, in the aggregate, or to the private sector, and is the least burdensome alternative that achieves the objective of the rule.

H. Environmental Assessment

The National Environmental Policy Act of 1969 (NEPA), as amended (42 U.S.C. 4321–4347) requires Federal agencies to consider the consequences of major Federal actions and prepare a detailed statement on actions significantly affecting the quality of the human environment.

Releases of hazardous substances (e.g., carbamates) have the potential to cause damage to the human environment. Releases can occur during

any stage of transportation (i.e., loading, transport, unloading, etc.). When a release occurs, it may result in increased risk to public health and the environment such as increased human exposure to carcinogens or adverse impacts to vegetation and wildlife surrounding the location of the release.

Revisions made to the "List of Hazardous Substances and Reportable Quantities" found in Table 1 of Appendix A to § 172.101 in this final rule enhance environmental protection. Listing of hazardous substances in the HMR and the correct RQs promotes better identification of these materials, leading to greater compliance with the reporting requirements and effective emergency response to incidents involving these materials, thereby lessening the potential for damage to the human environment. Further, the adjustment of an RQ should not have any significant influence on the number of releases that occur for that substance. EPA considers inherent substance-specific risks as part of its RQ adjustment methodology. It is assumed that releases of hazardous substances below an (adjusted) RQ, under most release circumstances, would not pose a sufficient risk to the human environment to warrant a government response. We conclude there are no significant environmental impacts associated with this final rule.

List of Subjects in 49 CFR Part 172

Education, Hazardous materials transportation, Hazardous waste, Hazardous substances, Labeling, Markings, Packaging and containers, Reporting and recordkeeping requirements.

In consideration of the foregoing, Title 49, part 172 of the Code of Federal Regulations, is amended as follows:

PART 172—HAZARDOUS MATERIALS TABLE, SPECIAL PROVISIONS, HAZARDOUS MATERIALS COMMUNICATIONS, EMERGENCY RESPONSE INFORMATION, AND TRAINING REQUIREMENTS

- 1. The authority citation for part 172 continues to read as follows:

Authority: 49 U.S.C. 5101–5128, 44701; 49 CFR 1.53.

- 2. In Appendix A to § 172.101, Table 1 is revised to read as follows:

Appendix A to § 172.101—List of Hazardous Substances and Reportable Quantities

* * * * *

TABLE 1 TO APPENDIX A.—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
A2213	5000 (2270)
Acenaphthene	100 (45.4)
Acenaphthylene	5000 (2270)
Acetaldehyde	1000 (454)
Acetaldehyde, chloro-	1000 (454)
Acetaldehyde, trichloro-	5000 (2270)
Acetamide	100 (45.4)
Acetamide, N-(aminothioxomethyl)-	1000 (454)
Acetamide, N-(4-ethoxyphenyl)-	100 (45.4)
Acetamide, N-9H-fluoren-2-yl-	1 (0.454)
Acetamide, 2-fluoro-	100 (45.4)
Acetic acid	5000 (2270)
Acetic acid, (2,4-dichlorophenoxy)-, salts & esters	100 (45.4)
Acetic acid, ethyl ester	5000 (2270)
Acetic acid, fluoro-, sodium salt	10 (4.54)
Acetic acid, lead(2+) salt	10 (4.54)
Acetic acid, thallium(1+) salt	100 (45.4)
Acetic acid, (2,4,5-trichlorophenoxy)-	1000 (454)
Acetic anhydride	5000 (2270)
Acetone	5000 (2270)
Acetone cyanohydrin	10 (4.54)
Acetonitrile	5000 (2270)
Acetophenone	5000 (2270)
2-Acetylaminofluorene	1 (0.454)
Acetyl bromide	5000 (2270)
Acetyl chloride	5000 (2270)
1-Acetyl-2-thiourea	1000 (454)
Acrolein	1 (0.454)
Acrylamide	5000 (2270)
Acrylic acid	5000 (2270)
Acrylonitrile	100 (45.4)
Adipic acid	5000 (2270)
Aldicarb	1 (0.454)
Aldicarb sulfone	100 (45.4)
Aldrin	1 (0.454)
Allyl alcohol	100 (45.4)
Allyl chloride	1000 (454)
Aluminum phosphide	100 (45.4)
Aluminum sulfate	5000 (2270)
4-Aminobiphenyl	1 (0.454)
5-(Aminomethyl)-3-isoxazolol	1000 (454)
4-Aminopyridine	1000 (454)
Amitrole	10 (4.54)
Ammonia	100 (45.4)
Ammonium acetate	5000 (2270)
Ammonium benzoate	5000 (2270)
Ammonium bicarbonate	5000 (2270)
Ammonium bichromate	10 (4.54)
Ammonium bifluoride	100 (45.4)
Ammonium bisulfite	5000 (2270)
Ammonium carbamate	5000 (2270)
Ammonium carbonate	5000 (2270)
Ammonium chloride	5000 (2270)
Ammonium chromate	10 (4.54)
Ammonium citrate, dibasic	5000 (2270)
Ammonium dichromate®	10 (4.54)
Ammonium fluoborate	5000 (2270)
Ammonium fluoride	100 (45.4)
Ammonium hydroxide	1000 (454)
Ammonium oxalate	5000 (2270)
Ammonium picrate	10 (4.54)
Ammonium silicofluoride	1000 (454)
Ammonium sulfamate	5000 (2270)
Ammonium sulfide	100 (45.4)
Ammonium sulfite	5000 (2270)
Ammonium tartrate	5000 (2270)
Ammonium thiocyanate	5000 (2270)
Ammonium vanadate	1000 (454)
Amyl acetate	5000 (2270)

TABLE 1 TO APPENDIX A.—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
iso-Amyl acetate .....	.....
sec-Amyl acetate .....	.....
tert-Amyl acetate .....	.....
Aniline	5000 (2270)
o-Anisidine	100 (45.4)
Anthracene	5000 (2270)
Antimony ^c	5000 (2270)
Antimony pentachloride	1000 (454)
Antimony potassium tartrate	100 (45.4)
Antimony tribromide	1000 (454)
Antimony trichloride	1000 (454)
Antimony trifluoride	1000 (454)
Antimony trioxide	1000 (454)
Argentate(1-), bis(cyano-C)-, potassium	1 (0.454)
Aroclor 1016	1 (0.454)
Aroclor 1221	1 (0.454)
Aroclor 1232	1 (0.454)
Aroclor 1242	1 (0.454)
Aroclor 1248	1 (0.454)
Aroclor 1254	1 (0.454)
Aroclor 1260	1 (0.454)
Aroclors	1 (0.454)
Arsenic ^c	1 (0.454)
Arsenic acid H ₃ AsO ₄	1 (0.454)
Arsenic disulfide	1 (0.454)
Arsenic oxide As ₂ O ₃	1 (0.454)
Arsenic oxide As ₂ O ₅	1 (0.454)
Arsenic pentoxide	1 (0.454)
Arsenic trichloride	1 (0.454)
Arsenic trioxide	1 (0.454)
Arsenic trisulfide	1 (0.454)
Arsine, diethyl-	1 (0.454)
Arsinic acid, dimethyl-	1 (0.454)
Arsonous dichloride, phenyl-	1 (0.454)
Asbestos ^{c,c}	1 (0.454)
Auramine	100 (45.4)
Azaserine	1 (0.454)
Aziridine	1 (0.454)
Aziridine, 2-methyl-	1 (0.454)
Azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione, 6-amino-8-[[[(aminocarbonyl)oxy]methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-, [1aS-(1aalpha,8beta,8aalpha, 8balph)]-	10 (4.54)
Barban	10 (4.54)
Barium cyanide	10 (4.54)
Bendiocarb	100 (45.4)
Bendiocarb phenol	1000 (454)
Benomyl	10 (4.54)
Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-	10 (4.54)
Benz[c]acridine	100 (45.4)
Benzal chloride	5000 (2270)
Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-	5000 (2270)
Benz[a]anthracene	10 (4.54)
1,2-Benzanthracene	10 (4.54)
Benz[a]anthracene, 7,12-dimethyl-	1 (0.454)
Benzenamine	5000 (2270)
Benzenamine, 4,4'-carbonimidoylbis (N,N dimethyl-	100 (45.4)
Benzenamine, 4-chloro-	1000 (454)
Benzenamine, 4-chloro-2-methyl-, hydrochloride	100 (45.4)
Benzenamine, N,N-dimethyl-4-(phenylazo)-	10 (4.54)
Benzenamine, 2-methyl-	100 (45.4)
Benzenamine, 4-methyl-	100 (45.4)
Benzenamine, 4,4'-methylenebis[2-chloro-	10 (4.54)
Benzenamine, 2-methyl-, hydrochloride	100 (45.4)
Benzenamine, 2-methyl-5-nitro-	100 (45.4)
Benzenamine, 4-nitro-	5000 (2270)
Benzene	10 (4.54)
Benzenoacetic acid, 4-chloro- α -(4-chlorophenyl)- α -hydroxy-, ethyl ester	10 (4.54)
Benzene, 1-bromo-4-phenoxy-	100 (45.4)
Benzenobutanoic acid, 4-[bis(2-chloroethyl)amino]-	10 (4.54)
Benzene, chloro-	100 (45.4)

TABLE 1 TO APPENDIX A.—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Benzene, (chloromethyl)-	100 (45.4)
Benzenediamine, ar-methyl-	10 (4.54)
1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester	100 (45.4)
1,2-Benzenedicarboxylic acid, dibutyl ester	10 (4.54)
1,2-Benzenedicarboxylic acid, diethyl ester	1000 (454)
1,2-Benzenedicarboxylic acid, dimethyl ester	5000 (2270)
1,2-Benzenedicarboxylic acid, dioctyl ester	5000 (2270)
Benzene, 1,2-dichloro-	100 (45.4)
Benzene, 1,3-dichloro-	100 (45.4)
Benzene, 1,4-dichloro-	100 (45.4)
Benzene, 1,1'-(2,2-dichloroethylidene) bis[4-chloro-	1 (0.454)
Benzene, (dichloromethyl)-	5000 (2270)
Benzene, 1,3-diisocyanatomethyl-	100 (45.4)
Benzene, dimethyl-	100 (45.4)
1,3-Benzenediol	5000 (2270)
1,2-Benzenediol,4-[1-hydroxy-2-(methylamino) ethyl]-	1000 (454)
Benzenethanamine, alpha,alpha-dimethyl-	5000 (2270)
Benzene, hexachloro-	10 (4.54)
Benzene, hexahydro-	1000 (454)
Benzene, methyl-	1000 (454)
Benzene, 1-methyl-2,4-dinitro-	10 (4.54)
Benzene, 2-methyl-1,3-dinitro-	100 (45.4)
Benzene, (1-methylethyl)-	5000 (2270)
Benzene, nitro-	1000 (454)
Benzene, pentachloro-	10 (4.54)
Benzene, pentachloronitro-	100 (45.4)
Benzenesulfonic acid chloride	100 (45.4)
Benzenesulfonyl chloride	100 (45.4)
Benzene,1,2,4,5-tetrachloro-	5000 (2270)
Benzenethiol	100 (45.4)
Benzene,1,1'-(2,2,2-trichloroethylidene) bis[4-chloro-	1 (0.454)
Benzene,1,1'-(2,2,2-trichloroethylidene) bis[4-methoxy-	1 (0.454)
Benzene, (trichloromethyl)-	10 (4.54)
Benzene, 1,3,5-trinitro-	10 (4.54)
Benzidine	1 (0.454)
1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide, & salts	100 (45.4)
Benzo[a]anthracene	10 (4.54)
1,3-Benzodioxole, 5-(1-propenyl)-1	100 (45.4)
1,3-Benzodioxole, 5-(2-propenyl)-	100 (45.4)
1,3-Benzodioxole, 5-propyl-	10 (4.54)
1,3-Benzodioxol-4-ol, 2,2-dimethyl-	1000 (454)
1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate	100 (45.4)
Benzo[b]fluoranthene	1 (0.454)
Benzo(k)fluoranthene	5000 (2270)
7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-	10 (4.54)
7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate	10 (4.54)
Benzoic acid	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)	100 (45.4)
Benzonitrile	5000 (2270)
Benzo[rs]pentaphene	10 (4.54)
Benzo[ghi]perylene	5000 (2270)
2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts	100 (45.4)
Benzo[a]pyrene	1 (0.454)
3,4-Benzopyrene	1 (0.454)
p-Benzoquinone	10 (4.54)
Benzotrichloride	10 (4.54)
Benzoyl chloride	1000 (454)
Benzyl chloride	100 (45.4)
Beryllium ^c	10 (4.54)
Beryllium chloride	1 (0.454)
Beryllium fluoride	1 (0.454)
Beryllium nitrate	1 (0.454)
Beryllium powder ^c	10 (4.54)
alpha-BHC	10 (4.54)
beta-BHC	1 (0.454)
delta-BHC	1 (0.454)
gamma-BHC	1 (0.454)
2,2'-Bioxirane	10 (4.54)

TABLE 1 TO APPENDIX A.—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Biphenyl	100 (45.4)
[1,1'-Biphenyl]-4,4'-diamine	1 (0.454)
[1,1'-Biphenyl]-4,4'-diamine,3,3'-dichloro-	1 (0.454)
[1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethoxy-	100 (45.4)
[1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethyl-	10 (4.54)
Bis(2-chloroethoxy) methane	1000 (454)
Bis(2-chloroethyl) ether	10 (4.54)
Bis(chloromethyl) ether	10 (4.54)
Bis(2-ethylhexyl) phthalate	100 (45.4)
Bromoacetone	1000 (454)
Bromoform	100 (45.4)
Bromomethane	1000 (454)
4-Bromophenyl phenyl ether	100 (45.4)
Brucine	100 (45.4)
1,3-Butadiene	10 (4.54)
1,3-Butadiene, 1,1,2,3,4,4-hexachloro-	1 (0.454)
1-Butanamine, N-butyl-N-nitroso-	10 (4.54)
1-Butanol	5000 (2270)
2-Butanone	5000 (2270)
2-Butanone, 3,3-dimethyl-1(methylthio)-, O [(methylamino carbonyl) oxime	100 (45.4)
2-Butanone peroxide	10 (4.54)
2-Butenal	100 (45.4)
2-Butene, 1,4-dichloro-	1 (0.454)
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]]-	10 (4.54)
Butyl acetate	5000 (2270)
iso-Butyl acetate	
sec-Butyl acetate	
tert-Butyl acetate	
n-Butyl alcohol	5000 (2270)
Butylamine	1000 (454)
iso-Butylamine	
sec-Butylamine	
tert-Butylamine	
Butyl benzyl phthalate	100 (45.4)
n-Butyl phthalate	10 (4.54)
Butyric acid	5000 (2270)
iso-Butyric acid	
Cacodylic acid	1 (0.454)
Cadmium ^c	10 (4.54)
Cadmium acetate	10 (4.54)
Cadmium bromide	10 (4.54)
Cadmium chloride	10 (4.54)
Calcium arsenate	1 (0.454)
Calcium arsenite	1 (0.454)
Calcium carbide	10 (4.54)
Calcium chromate	10 (4.54)
Calcium cyanamide	1000 (454)
Calcium cyanide Ca(CN) ₂	10 (4.54)
Calcium dodecylbenzenesulfonate	1000 (454)
Calcium hypochlorite	10 (4.54)
Captan	10 (4.54)
Carbamic acid, 1H-benzimidazol-2-yl, methyl ester	10 (4.54)
Carbamic acid, [1-[(butylamino)carbonyl]-1H-benzimidazol-2-yl]-, methyl ester	10 (4.54)
Carbamic acid, (3-chlorophenyl)-, 4-chloro-2-butynyl ester	10 (4.54)
Carbamic acid, [(dibutylamino)-thio]methyl-, 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ester	1000 (454)
Carbamic acid, dimethyl-, 1-[(dimethyl-amino)carbonyl]-5-methyl-1H-pyrazol-3-yl ester	1 (0.454)
Carbamic acid, dimethyl-, 3-methyl-1-(1-methylethyl)-1H-pyrazol-5-yl ester	100 (45.4)
Carbamic acid, ethyl ester	100 (45.4)
Carbamic acid, methyl-, 3-methylphenyl ester	1000 (454)
Carbamic acid, methylnitroso-, ethyl ester	1 (0.454)
Carbamic acid, [1,2-phenylenebis(iminocarbonothioyl)] bis-, dimethyl ester	10 (4.54)
Carbamic acid, phenyl-, 1-methylethyl ester	1000 (454)
Carbamic chloride, dimethyl-	1 (0.454)
Carbamodithioic acid, 1,2-ethanediylobis-, salts & esters	5000 (2270)
Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester	100 (45.4)
Carbamothioic acid, bis(1-methylethyl)-, S-(2,3,3-trichloro-2-propenyl) ester	100 (45.4)
Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester	5000 (2270)
Carbaryl	100 (45.4)

TABLE 1 TO APPENDIX A.—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Carbendazim	10 (4.54)
Carbofuran	10 (4.54)
Carbofuran phenol	10 (4.54)
Carbon disulfide	100 (45.4)
Carbonic acid, dithallium(1+) salt	100 (45.4)
Carbonic dichloride	10 (4.54)
Carbonic difluoride	1000 (454)
Carbonochloridic acid, methyl ester	1000 (454)
Carbon oxyfluoride	1000 (454)
Carbon tetrachloride	10 (4.54)
Carbonyl sulfide	100 (45.4)
Carbosulfan	1000 (454)
Catechol	100 (45.4)
Chloral	5000 (2270)
Chloramben	100 (45.4)
Chlorambucil	10 (4.54)
Chlordane	1 (0.454)
Chlordane, alpha & gamma isomers	1 (0.454)
CHLORDANE (TECHNICAL MIXTURE AND METABOLITES)	1 (0.454)
Chlorinated camphene	1 (0.454)
Chlorine	10 (4.54)
Chlornaphazine	100 (45.4)
Chloroacetaldehyde	1000 (454)
Chloroacetic acid	100 (45.4)
2-Chloroacetophenone	100 (45.4)
p-Chloroaniline	1000 (454)
Chlorobenzene	100 (45.4)
Chlorobenzilate	10 (4.54)
p-Chloro-m-cresol	5000 (2270)
Chlorodibromomethane	100 (45.4)
1-Chloro-2,3-epoxypropane	100 (45.4)
Chloroethane	100 (45.4)
2-Chloroethyl vinyl ether	1000 (454)
Chloroform	10 (4.54)
Chloromethane	100 (45.4)
Chloromethyl methyl ether	10 (4.54)
beta-Chloronaphthalene	5000 (2270)
2-Chloronaphthalene	5000 (2270)
2-Chlorophenol	100 (45.4)
o-Chlorophenol	100 (45.4)
4-Chlorophenyl phenyl ether	5000 (2270)
1-(o-Chlorophenyl)thiourea	100 (45.4)
Chloroprene	100 (45.4)
3-Chloropropionitrile	1000 (454)
Chlorosulfonic acid	1000 (454)
4-Chloro-o-toluidine, hydrochloride	100 (45.4)
Chlorpyrifos	1 (0.454)
Chromic acetate	1000 (454)
Chromic acid	10 (4.54)
Chromic acid H ₂ CrO ₄ , calcium salt	10 (4.54)
Chromic sulfate	1000 (454)
Chromium ^c	5000 (2270)
Chromous chloride	1000 (454)
Chrysene	100 (45.4)
Cobaltous bromide	1000 (454)
Cobaltous formate	1000 (454)
Cobaltous sulfamate	1000 (454)
Coke Oven Emissions	1 (0.454)
Copper ^c	5000 (2270)
Copper chloride ^e	10 (4.54)
Copper cyanide Cu(CN)	10 (4.54)
Coumaphos	10 (4.54)
Creosote	1 (0.454)
Cresol (cresylic acid)	100 (45.4)
m-Cresol	100 (45.4)
o-Cresol	100 (45.4)
p-Cresol	100 (45.4)
Cresols (isomers and mixture)	100 (45.4)
Cresylic acid (isomers and mixture)	100 (45.4)

TABLE 1 TO APPENDIX A.—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Crotonaldehyde	100 (45.4)
Cumene	5000 (2270)
m-Cumenyl methylcarbamate	10 (4.54)
Cupric acetate	100 (45.4)
Cupric acetoarsenite	1 (0.454)
Cupric chloride	10 (4.54)
Cupric nitrate	100 (45.4)
Cupric oxalate	100 (45.4)
Cupric sulfate	10 (4.54)
Cupric sulfate, ammoniated	100 (45.4)
Cupric tartrate	100 (45.4)
Cyanides (soluble salts and complexes) not otherwise specified	10 (4.54)
Cyanogen	100 (45.4)
Cyanogen bromide (CN)Br	1000 (454)
Cyanogen chloride (CN)Cl	10 (4.54)
2,5-Cyclohexadiene-1,4-dione	10 (4.54)
Cyclohexane	1000 (454)
Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1 α , 2 α , 3 β -, 4 α , 5 α , 6 β)	1 (0.454)
Cyclohexanone	5000 (2270)
2-Cyclohexyl-4,6-dinitrophenol	100 (45.4)
1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	10 (4.54)
Cyclophosphamide	10 (4.54)
2,4-D Acid	100 (45.4)
2,4-D Ester	100 (45.4)
2,4-D, salts and esters	100 (45.4)
Daunomycin	10 (4.54)
DDD	1 (0.454)
4,4'-DDD	1 (0.454)
DDE (72-55-9) #	1 (0.454)
DDE (3547-04-4) #	5000 (2270)
4,4'-DDE	1 (0.454)
DDT	1 (0.454)
4,4'-DDT	1 (0.454)
DEHP	100 (45.4)
Diallate	100 (45.4)
Diazinon	1 (0.454)
Diazomethane	100 (45.4)
Dibenz[a,h]anthracene	1 (0.454)
1,2:5,6-Dibenzanthracene	1 (0.454)
Dibenzo[a,h]anthracene	1 (0.454)
Dibenzofuran	100 (45.4)
Dibenzo[a,i]pyrene	10 (4.54)
1,2-Dibromo-3-chloropropane	1 (0.454)
Dibromoethane	1 (0.454)
Dibutyl phthalate	10 (4.54)
Di-n-butyl phthalate	10 (4.54)
Dicamba	1000 (454)
Dichlobenil	100 (45.4)
Dichlone	1 (0.454)
Dichlorobenzene	100 (45.4)
1,2-Dichlorobenzene	100 (45.4)
1,3-Dichlorobenzene	100 (45.4)
1,4-Dichlorobenzene	100 (45.4)
m-Dichlorobenzene	100 (45.4)
o-Dichlorobenzene	100 (45.4)
p-Dichlorobenzene	100 (45.4)
3,3'-Dichlorobenzidine	1 (0.454)
Dichlorobromomethane	5000 (2270)
1,4-Dichloro-2-butene	1 (0.454)
Dichlorodifluoromethane	5000 (2270)
1,1-Dichloroethane	1000 (454)
1,2-Dichloroethane	100 (45.4)
1,1-Dichloroethylene	100 (45.4)
1,2-Dichloroethylene	1000 (454)
Dichloroethyl ether	10 (4.54)
Dichloroisopropyl ether	1000 (454)
Dichloromethane	1000 (454)
Dichloromethoxyethane	1000 (454)
Dichloromethyl ether	10 (4.54)

TABLE 1 TO APPENDIX A.—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
2,4-Dichlorophenol	100 (45.4)
2,6-Dichlorophenol	100 (45.4)
Dichlorophenylarsine	1 (0.454)
Dichloropropane	1000 (454)
1,1-Dichloropropane .....	.....
1,3-Dichloropropane .....	.....
1,2-Dichloropropane	1000 (454)
Dichloropropane-Dichloropropene (mixture)	100 (45.4)
Dichloropropene	100 (45.4)
2,3-Dichloropropene .....	.....
1,3-Dichloropropene	100 (45.4)
2,2-Dichloropropionic acid	5000 (2270)
Dichlorvos	10 (4.54)
Dicofol	10 (4.54)
Dieldrin	1 (0.454)
1,2:3,4-Diepoxybutane	10 (4.54)
Diethanolamine	100 (45.4)
Diethylamine	100 (45.4)
N,N-Diethylaniline	1000 (454)
Diethylarsine	1 (0.454)
Diethylene glycol, dicarbamate	5000 (2270)
1,4-Diethyleneoxide	100 (45.4)
Diethylhexyl phthalate	100 (45.4)
N,N'-Diethylhydrazine	10 (4.54)
O,O-Diethyl S-methyl dithiophosphate	5000 (2270)
Diethyl-p-nitrophenyl phosphate	100 (45.4)
Diethyl phthalate	1000 (454)
O,O-Diethyl O-pyrazinyl phosphorothioate	100 (45.4)
Diethylstilbestrol	1 (0.454)
Diethyl sulfate	10 (4.54)
Dihydrosafrole	10 (4.54)
Diisopropylfluorophosphate (DFP)	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 (0.454)
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 (0.454).	
2,7:3,6-Dimethanonaphth[2,3-b]oxirene,3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2aalpha, 3beta, 6beta, 6aalpha, 7beta, 7aalpha)-	1 (0.454)
2,7:3,6-Dimethanonaphth[2, 3-b]oxirene,3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2abeta, 3alpha, 6alpha, 6abeta, 7beta, 7aalpha)-, & metabolites	1 (0.454)
Dimethoate	10 (4.54)
3,3'-Dimethoxybenzidine	100 (45.4)
Dimethylamine	1000 (454)
Dimethyl aminoazobenzene	10 (4.54)
p-Dimethylaminoazobenzene	10 (4.54)
N,N-Dimethylaniline	100 (45.4)
7,12-Dimethylbenz[a]anthracene	1 (0.454)
3,3'-Dimethylbenzidine	10 (4.54)
alpha,alpha-Dimethylbenzylhydroperoxide	10 (4.54)
Dimethylcarbamoyl chloride	1 (0.454)
Dimethylformamide	100 (45.4)
1,1-Dimethylhydrazine	10 (4.54)
1,2-Dimethylhydrazine	1 (0.454)
Dimethylhydrazine, unsymmetrical [®]	10 (4.54)
alpha,alpha-Dimethylphenethylamine	5000 (2270)
2,4-Dimethylphenol	100 (45.4)
Dimethyl phthalate	5000 (2270)
Dimethyl sulfate	100 (45.4)
Dimetilan	1 (0.454)
Dinitrobenzene (mixed)	100 (45.4)
m-Dinitrobenzene .....	.....
o-Dinitrobenzene .....	.....
p-Dinitrobenzene .....	.....
4,6-Dinitro-o-cresol, and salts	10 (4.54)
Dinitrogen tetroxide [®]	10 (4.54)
Dinitrophenol	10 (4.54)
2,5-Dinitrophenol .....	.....
2,6-Dinitrophenol .....	.....
2,4-Dinitrophenol	10 (4.54)

TABLE 1 TO APPENDIX A.—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Dinitrotoluene	10 (4.54)
3,4-Dinitrotoluene	10 (4.54)
2,4-Dinitrotoluene	100 (45.4)
2,6-Dinitrotoluene	1000 (454)
Dinoseb	5000 (2270)
Di-n-octyl phthalate	100 (45.4)
1,4-Dioxane	10 (4.54)
1,2-Diphenylhydrazine	100 (45.4)
Diphosphoramidate, octamethyl-	10 (4.54)
Diphosphoric acid, tetraethyl ester	5000 (2270)
Dipropylamine	10 (4.54)
Di-n-propylnitrosamine	1000 (454)
Diquat	1 (0.454)
Disulfoton	100 (45.4)
Dithiobiuret	100 (45.4)
1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O-[(methylamino)-carbonyl]oxime	100 (45.4)
Diuron	1000 (454)
Dodecylbenzenesulfonic acid	1 (0.454)
Endosulfan	1 (0.454)
alpha-Endosulfan	1 (0.454)
beta-Endosulfan	1 (0.454)
Endosulfan sulfate	1 (0.454)
Endothall	1000 (454)
Endrin	1 (0.454)
Endrin aldehyde	1 (0.454)
Endrin, & metabolites	100 (45.4)
Epichlorohydrin	1000 (454)
Epinephrine	100 (45.4)
1,2-Epoxybutane	1000 (454)
Ethanal	5000 (2270)
Ethanamine, N,N-diethyl-	1 (0.454)
Ethanamine, N-ethyl-N-nitroso-	5000 (2270)
1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-	1 (0.454)
Ethane, 1,2-dibromo-	1000 (454)
Ethane, 1,1-dichloro-	100 (45.4)
Ethane, 1,2-dichloro-	100 (45.4)
Ethanedinitrile	100 (45.4)
Ethane, hexachloro-	1000 (454)
Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-	100 (45.4)
Ethane, 1,1'-oxybis-	10 (4.54)
Ethane, 1,1'-oxybis[2-chloro-	10 (4.54)
Ethane, pentachloro-	100 (45.4)
Ethane, 1,1,1,2-tetrachloro-	100 (45.4)
Ethane, 1,1,2,2-tetrachloro-	10 (4.54)
Ethanethioamide	1000 (454)
Ethane, 1,1,1-trichloro-	100 (45.4)
Ethane, 1,1,2-trichloro-	5000 (2270)
Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo-, methyl ester	100 (45.4)
Ethanimidothioic acid, 2-(dimethylamino)-N-[(methylamino) carbonyl]oxy]-2-oxo-, methyl ester	100 (45.4)
Ethanimidothioic acid, N-[(methylamino) carbonyl]oxy-, methyl ester	100 (45.4)
Ethanimidothioic acid, N,N'[[thiobis[(methylimino)carbonyloxy]] bis-, dimethyl ester	1000 (454)
Ethanol, 2-ethoxy-	1 (0.454)
Ethanol, 2,2'-(nitrosoimino)bis-	5000 (2270)
Ethanol, 2,2'-oxybis-, dicarbamate	5000 (2270)
Ethanone, 1-phenyl-	1 (0.454)
Ethene, chloro-	1000 (454)
Ethene, (2-chloroethoxy)-	100 (45.4)
Ethene, 1,1-dichloro-	1000 (454)
Ethene, 1,2-dichloro-(E)	100 (45.4)
Ethene, tetrachloro-	100 (45.4)
Ethene, trichloro-	10 (4.54)
Ethion	5000 (2270)
Ethyl acetate	1000 (454)
Ethyl acrylate	1000 (454)
Ethylbenzene	100 (45.4)
Ethyl carbamate	100 (45.4)
Ethyl chloride	10 (4.54)
Ethyl cyanide	5000 (2270)
Ethylenebisdithiocarbamic acid, salts & esters	

TABLE 1 TO APPENDIX A.—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Ethylenediamine	5000 (2270)
Ethylenediamine-tetraacetic acid (EDTA)	5000 (2270)
Ethylene dibromide	1 (0.454)
Ethylene dichloride	100 (45.4)
Ethylene glycol	5000 (2270)
Ethylene glycol monoethyl ether	1000 (454)
Ethylene oxide	10 (4.54)
Ethylenethiourea	10 (4.54)
Ethylenimine	1 (0.454)
Ethyl ether	100 (45.4)
Ethylidene dichloride	1000 (454)
Ethyl methacrylate	1000 (454)
Ethyl methanesulfonate	1 (0.454)
Ethyl methyl ketone®	5000 (2270)
Famphur	1000 (454)
Ferric ammonium citrate	1000 (454)
Ferric ammonium oxalate	1000 (454)
Ferric chloride	1000 (454)
Ferric fluoride	100 (45.4)
Ferric nitrate	1000 (454)
Ferric sulfate	1000 (454)
Ferrous ammonium sulfate	1000 (454)
Ferrous chloride	100 (45.4)
Ferrous sulfate	1000 (454)
Fluoranthene	100 (45.4)
Fluorene	5000 (2270)
Fluorine	10 (4.54)
Fluoroacetamide	100 (45.4)
Fluoroacetic acid, sodium salt	10 (4.54)
Formaldehyde	100 (45.4)
Formetanate hydrochloride	100 (45.4)
Formic acid	5000 (2270)
Formparanate	100 (45.4)
Fulminic acid, mercury(2+)salt	10 (4.54)
Fumaric acid	5000 (2270)
Furan	100 (45.4)
2-Furancarboxyaldehyde	5000 (2270)
2,5-Furandione	5000 (2270)
Furan, tetrahydro-	1000 (454)
Furfural	5000 (2270)
Furfuran	100 (45.4)
Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-, D-	1 (0.454)
D-Glucose, 2-deoxy-2-[[[(methylnitrosoamino)-carbonyl]amino]-	1 (0.454)
Glycidylaldehyde	10 (4.54)
Guanidine, N-methyl-N'-nitro-N-nitroso-	10 (4.54)
Guthion	1 (0.454)
Heptachlor	1 (0.454)
Heptachlor epoxide	1 (0.454)
Hexachlorobenzene	10 (4.54)
Hexachlorobutadiene	1 (0.454)
Hexachlorocyclopentadiene	10 (4.54)
Hexachloroethane	100 (45.4)
Hexachlorophene	100 (45.4)
Hexachloropropene	1000 (454)
Hexaethyl tetraphosphate	100 (45.4)
Hexamethylene-1,6-diisocyanate	100 (45.4)
Hexamethylphosphoramide	1 (0.454)
Hexane	5000 (2270)
Hexone	5000 (2270)
Hydrazine	1 (0.454)
Hydrazinecarbothioamide	100 (45.4)
Hydrazine, 1,2-diethyl-	10 (4.54)
Hydrazine, 1,1-dimethyl-	10 (4.54)
Hydrazine, 1,2-dimethyl-	1 (0.454)
Hydrazine, 1,2-diphenyl-	10 (4.54)
Hydrazine, methyl-	10 (4.54)
Hydrochloric acid	5000 (2270)
Hydrocyanic acid	10 (4.54)
Hydrofluoric acid	100 (45.4)

TABLE 1 TO APPENDIX A.—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Hydrogen chloride	5000 (2270)
Hydrogen cyanide	10 (4.54)
Hydrogen fluoride	100 (45.4)
Hydrogen phosphide	100 (45.4)
Hydrogen sulfide H ₂ S	100 (45.4)
Hydroperoxide, 1-methyl-1-phenylethyl-	10 (4.54)
Hydroquinone	100 (45.4)
2-Imidazolidinethione	10 (4.54)
Indeno(1,2,3-cd)pyrene	100 (45.4)
Iodomethane	100 (45.4)
1,3-Isobenzofurandione	5000 (2270)
Isobutyl alcohol	5000 (2270)
Isodrin	1 (0.454)
Isolan	100 (45.4)
Isophorone	5000 (2270)
Isoprene	100 (45.4)
Isopropanolamine dodecylbenzenesulfonate	1000 (454)
3-Isopropylphenyl N-methylcarbamate	10 (4.54)
Isosafrole	100 (45.4)
3(2H)-Isoxazolone, 5-(aminomethyl)-	1000 (454)
Kepone	1 (0.454)
Lasiocarpine	10 (4.54)
Lead ^c	10 (4.54)
Lead acetate	10 (4.54)
Lead arsenate	1 (0.454)
Lead, bis(acetato-O)tetrahydroxytri-	10 (4.54)
Lead chloride	10 (4.54)
Lead fluoborate	10 (4.54)
Lead fluoride	10 (4.54)
Lead iodide	10 (4.54)
Lead nitrate	10 (4.54)
Lead phosphate	10 (4.54)
Lead stearate	10 (4.54)
Lead subacetate	10 (4.54)
Lead sulfate	10 (4.54)
Lead sulfide	10 (4.54)
Lead thiocyanate	10 (4.54)
Lindane	1 (0.454)
Lindane (all isomers)	1 (0.454)
Lithium chromate	10 (4.54)
Malathion	100 (45.4)
Maleic acid	5000 (2270)
Maleic anhydride	5000 (2270)
Maleic hydrazide	5000 (2270)
Malononitrile	1000 (454)
Manganese, bis(dimethylcarbamodithioato-S,S')	10 (4.54)
Manganese dimethyldithiocarbamate	10 (4.54)
MDI	5000 (2270)
MEK	5000 (2270)
Melphalan	1 (0.454)
Mercaptodimethur	10 (4.54)
Mercuric cyanide	1 (0.454)
Mercuric nitrate	10 (4.54)
Mercuric sulfate	10 (4.54)
Mercuric thiocyanate	10 (4.54)
Mercurous nitrate	10 (4.54)
Mercury	1 (0.454)
Mercury, (acetato-O)phenyl-	100 (45.4)
Mercury fulminate	10 (4.54)
Methacrylonitrile	1000 (454)
Methanamine, N-methyl-	1000 (454)
Methanamine, N-methyl-N-nitroso-	10 (4.54)
Methane, bromo-	1000 (454)
Methane, chloro-	100 (45.4)
Methane, chloromethoxy-	10 (4.54)
Methane, dibromo-	1000 (454)
Methane, dichloro-	1000 (454)
Methane, dichlorodifluoro-	5000 (2270)
Methane, iodo-	100 (45.4)

TABLE 1 TO APPENDIX A.—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Methane, isocyanato-	10 (4.54)
Methane, oxybis(chloro-	10 (4.54)
Methanesulfonyl chloride, trichloro-	100 (45.4)
Methanesulfonic acid, ethyl ester	1 (0.454)
Methane, tetrachloro-	10 (4.54)
Methane, tetranitro-	10 (4.54)
Methanethiol	100 (45.4)
Methane, tribromo-	100 (45.4)
Methane, trichloro-	10 (4.54)
Methane, trichlorofluoro-	5000 (2270)
Methanimidamide, N,N-dimethyl-N'-[3-[[[(methylamino) carbonyl] oxy] phenyl]-, monohydrochloride	100 (45.4)
Methanimidamide, N,N-dimethyl-N'-[2-methyl-4-[[[(methylamino) carbonyl] oxy] phenyl]-	100 (45.4)
6,9-Methano-2,4,3-benzodioxathiepin,6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-, 3-oxide	1 (0.454)
4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-	1 (0.454)
4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-	1 (0.454)
Methanol	5000 (2270)
Methapyrilene	5000 (2270)
1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-	1 (0.454)
Methiocarb	10 (4.54)
Methomyl	100 (45.4)
Methoxychlor	1 (0.454)
Methyl alcohol	5000 (2270)
Methylamine ®	100 (45.4)
2-Methyl aziridine	1 (0.454)
Methyl bromide	1000 (454)
1-Methylbutadiene	100 (45.4)
Methyl chloride	100 (45.4)
Methyl chlorocarbonate	1000 (454)
Methyl chloroform	1000 (454)
Methyl chloroformate ®	1000 (454)
Methyl chloromethyl ether ®	10 (4.54)
3-Methylcholanthrene	10 (4.54)
4,4'-Methylenebis(2-chloroaniline)	10 (4.54)
Methylene bromide	1000 (454)
Methylene chloride	1000 (454)
4,4'-Methylenedianiline	10 (4.54)
Methylene diphenyl diisocyanate	5000 (2270)
Methyl ethyl ketone	5000 (2270)
Methyl ethyl ketone peroxide	10 (4.54)
Methyl hydrazine	10 (4.54)
Methyl iodide	100 (45.4)
Methyl isobutyl ketone	5000 (2270)
Methyl isocyanate	10 (4.54)
2-Methylacetonitrile	10 (4.54)
Methyl mercaptan	100 (45.4)
Methyl methacrylate	1000 (454)
Methyl parathion	100 (45.4)
4-Methyl-2-pentanone	5000 (2270)
Methyl tert-butyl ether	1000 (454)
Methylthiouracil	10 (4.54)
Metolcarb	1000 (454)
Mevinphos	10 (4.54)
Mexacarbate	1000 (454)
Mitomycin C	10 (4.54)
MNNG	10 (4.54)
Monoethylamine	100 (45.4)
Monomethylamine	100 (45.4)
Naled	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)-	10 (4.54)
1-Naphthalenamine	100 (45.4)
2-Naphthalenamine	10 (4.54)
Naphthalenamine, N,N'-bis(2-chloroethyl)-	100 (45.4)
Naphthalene	100 (45.4)
Naphthalene, 2-chloro-	5000 (2270)
1,4-Naphthalenedione	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 ..	10 (4.54)
1-Naphthalenol, methylcarbamate	100 (45.4)

TABLE 1 TO APPENDIX A.—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Naphthenic acid	100 (45.4)
1,4-Naphthoquinone	5000 (2270)
alpha-Naphthylamine	100 (45.4)
beta-Naphthylamine	10 (4.54)
alpha-Naphthylthiourea	100 (45.4)
Nickel ^c	100 (45.4)
Nickel ammonium sulfate	100 (45.4)
Nickel carbonyl Ni(CO) ₄ , (T-4)-	10 (4.54)
Nickel chloride	100 (45.4)
Nickel cyanide Ni(CN) ₂	10 (4.54)
Nickel hydroxide	10 (4.54)
Nickel nitrate	100 (45.4)
Nickel sulfate	100 (45.4)
Nicotine, & salts	100 (45.4)
Nitric acid	1000 (454)
Nitric acid, thallium (1+) salt	100 (45.4)
Nitric oxide	10 (4.54)
p-Nitroaniline	5000 (2270)
Nitrobenzene	1000 (454)
4-Nitrobiphenyl	10 (4.54)
Nitrogen dioxide	10 (4.54)
Nitrogen oxide NO	10 (4.54)
Nitrogen oxide NO ₂	10 (4.54)
Nitroglycerine	10 (4.54)
Nitrophenol (mixed)	100 (45.4)
m-Nitrophenol	.....
o-Nitrophenol	100 (45.4)
p-Nitrophenol	100 (45.4)
2-Nitrophenol	100 (45.4)
4-Nitrophenol	100 (45.4)
2-Nitropropane	10 (4.54)
N-Nitrosodi-n-butylamine	10 (4.54)
N-Nitrosodiethanolamine	1 (0.454)
N-Nitrosodiethylamine	1 (0.454)
N-Nitrosodimethylamine	10 (4.54)
N-Nitrosodiphenylamine	100 (45.4)
N-Nitroso-N-ethylurea	1 (0.454)
N-Nitroso-N-methylurea	1 (0.454)
N-Nitroso-N-methylurethane	1 (0.454)
N-Nitrosomethylvinylamine	10 (4.54)
N-Nitrosomorpholine	1 (0.454)
N-Nitrosopiperidine	10 (4.54)
N-Nitrosopyrrolidine	1 (0.454)
Nitrotoluene	1000 (454)
m-Nitrotoluene	.....
o-Nitrotoluene	.....
p-Nitrotoluene	.....
5-Nitro-o-toluidine	100 (45.4)
Octamethylpyrophosphoramidate	100 (45.4)
Osmium oxide OsO ₄ , (T-4)-	1000 (454)
Osmium tetroxide	1000 (454)
7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid	1000 (454)
Oxamyl	100 (45.4)
1,2-Oxathiolane, 2,2-dioxide	10 (4.54)
2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl) tetrahydro-, 2-oxide	10 (4.54)
Oxirane	10 (4.54)
Oxiranecarboxyaldehyde	10 (4.54)
Oxirane, (chloromethyl)-	100 (45.4)
Paraformaldehyde	1000 (454)
Paraldehyde	1000 (454)
Parathion	10 (4.54)
PCBs	1 (0.454)
PCNB	100 (45.4)
Pentachlorobenzene	10 (4.54)
Pentachloroethane	10 (4.54)
Pentachloronitrobenzene	100 (45.4)
Pentachlorophenol	10 (4.54)
1,3-Pentadiene	100 (45.4)
Perchloroethylene	100 (45.4)

TABLE 1 TO APPENDIX A.—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Perchloromethyl mercaptan®	100 (45.4)
Phenacetin	100 (45.4)
Phenanthrene	5000 (2270)
Phenol	1000 (454)
Phenol, 2-chloro-	100 (45.4)
Phenol, 4-chloro-3-methyl-	5000 (2270)
Phenol, 2-cyclohexyl-4,6-dinitro-	100 (45.4)
Phenol, 2,4-dichloro-	100 (45.4)
Phenol, 2,6-dichloro-	100 (45.4)
Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E)	1 (0.454)
Phenol, 2,4-dimethyl-	100 (45.4)
Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester)	1000 (454)
Phenol, (3,5-dimethyl-4-(methylthio)-, methylcarbamate	10 (4.54)
Phenol, 2,4-dinitro-	10 (4.54)
Phenol, methyl-	100 (45.4)
Phenol, 2-methyl-4,6-dinitro-, & salts	10 (4.54)
Phenol, 2,2'-methylenebis[3,4,6-trichloro-	100 (45.4)
Phenol, 2-(1-methylethoxy)-, methylcarbamate	100 (45.4)
Phenol, 3-(1-methylethyl)-, methyl carbamate	10 (4.54)
Phenol, 3-methyl-5-(1-methylethyl)-, methyl carbamate	1000 (454)
Phenol, 2-(1-methylpropyl)-4,6-dinitro-	1000 (454)
Phenol, 4-nitro-	100 (45.4)
Phenol, pentachloro-	10 (4.54)
Phenol, 2,3,4,6-tetrachloro-	10 (4.54)
Phenol, 2,4,5-trichloro-	10 (4.54)
Phenol, 2,4,6-trichloro-	10 (4.54)
Phenol, 2,4,6-trinitro-, ammonium salt	10 (4.54)
L-Phenylalanine, 4-[bis(2-chloroethyl)amino]-	1 (0.454)
p-Phenylenediamine	5000 (2270)
Phenyl mercaptan®	100 (45.4)
Phenylmercury acetate	100 (45.4)
Phenylthiourea	100 (45.4)
Phorate	10 (4.54)
Phosgene	10 (4.54)
Phosphine	100 (45.4)
Phosphoric acid	5000 (2270)
Phosphoric acid, diethyl 4-nitrophenyl ester	100 (45.4)
Phosphoric acid, lead(2+) salt (2:3)	10 (4.54)
Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester	1 (0.454)
Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester	10 (4.54)
Phosphorodithioic acid, O,O-diethyl S-methyl ester	5000 (2270)
Phosphorodithioic acid, O,O-dimethyl S-[2-(methylamino)-2-oxoethyl] ester	10 (4.54)
Phosphorofluoridic acid, bis(1-methylethyl) ester	100 (45.4)
Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester	10 (4.54)
Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester	100 (45.4)
Phosphorothioic acid, O-[4-[(dimethylamino) sulfonyl]phenyl] O,O-dimethyl ester	1000 (454)
Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl) ester	100 (45.4)
Phosphorus	1 (0.454)
Phosphorus oxychloride	1000 (454)
Phosphorus pentasulfide	100 (45.4)
Phosphorus sulfide	100 (45.4)
Phosphorus trichloride	1000 (454)
Phthalic anhydride	5000 (2270)
Physostigmine	100 (45.4)
Physostigmine salicylate	100 (45.4)
2-Picoline	5000 (2270)
Piperidine, 1-nitroso-	10 (4.54)
Plumbane, tetraethyl-	10 (4.54)
POLYCHLORINATED BIPHENYLS	1 (0.454)
Potassium arsenate	1 (0.454)
Potassium arsenite	1 (0.454)
Potassium bichromate	10 (4.54)
Potassium chromate	10 (4.54)
Potassium cyanide K(CN)	10 (4.54)
Potassium hydroxide	1000 (454)
Potassium permanganate	100 (45.4)
Potassium silver cyanide	1 (0.454)
Promecarb	1000 (454)
Pronamide	5000 (2270)

TABLE 1 TO APPENDIX A.—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Propanal, 2-methyl-2-(methylsulfonyl)-, O-[(methylamino)carbonyl] oxime	100 (45.4)
Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl] oxime	1 (0.454)
1-Propanamine	5000 (2270)
1-Propanamine, N-propyl-	5000 (2270)
1-Propanamine, N-nitroso-N-propyl-	10 (4.54)
Propane, 1,2-dibromo-3-chloro-	1 (0.454)
Propane, 1,2-dichloro-	1000 (454)
Propanedinitrile	1000 (454)
Propanenitrile	10 (4.54)
Propanenitrile, 3-chloro-	1000 (454)
Propanenitrile, 2-hydroxy-2-methyl-	10 (4.54)
Propane, 2-nitro-	10 (4.54)
Propane, 2,2'-oxybis[2-chloro-	1000 (454)
1,3-Propane sultone	10 (4.54)
1,2,3-Propanetriol, trinitrate	10 (4.54)
Propanoic acid, 2-(2,4,5-trichlorophenoxy)-	100 (45.4)
1-Propanol, 2,3-dibromo-, phosphate (3:1)	10 (4.54)
1-Propanol, 2-methyl-	5000 (2270)
2-Propanone	5000 (2270)
2-Propanone, 1-bromo-	1000 (454)
Propargite	10 (4.54)
Propargyl alcohol	1000 (454)
2-Propenal	1 (0.454)
2-Propenamide	5000 (2270)
1-Propene, 1,3-dichloro-	100 (45.4)
1-Propene, 1,1,2,3,3,3-hexachloro-	1000 (454)
2-Propenenitrile	100 (45.4)
2-Propenenitrile, 2-methyl-	1000 (454)
2-Propenoic acid	5000 (2270)
2-Propenoic acid, ethyl ester	1000 (454)
2-Propenoic acid, 2-methyl-, ethyl ester	1000 (454)
2-Propenoic acid, 2-methyl-, methyl ester	1000 (454)
2-Propen-1-ol	100 (45.4)
Propham	1000 (454)
beta-Propiolactone	10 (4.54)
Propionaldehyde	1000 (454)
Propionic acid	5000 (2270)
Propionic anhydride	5000 (2270)
Propoxur (Baygon)	100 (45.4)
n-Propylamine	5000 (2270)
Propylene dichloride	1000 (454)
Propylene oxide	100 (45.4)
1,2-Propylenimine	1 (0.454)
2-Propyn-1-ol	1000 (454)
Prosulfocarb	5000 (2270)
Pyrene	5000 (2270)
Pyrethrins	1 (0.454)
3,6-Pyridazinedione, 1,2-dihydro-	5000 (2270)
4-Pyridinamine	1000 (454)
Pyridine	1000 (454)
Pyridine, 2-methyl-	5000 (2270)
Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-, & salts	100 (45.4)
2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]-	10 (4.54)
4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-	10 (4.54)
Pyrrolidine, 1-nitroso-	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)-	100 (45.4)
Quinoline	5000 (2270)
Quinone	10 (4.54)
Quintobenzene	100 (45.4)
RADIONUCLIDES	See Table 2
Reserpine	5000 (2270)
Resorcinol	5000 (2270)
Saccharin & salts	100 (45.4)
Safrole	100 (45.4)
Selenious acid	10 (4.54)
Selenious acid, dithallium (1+) salt	1000 (454)
Selenium ^c	100 (45.4)
Selenium dioxide	10 (4.54)
Selenium oxide	10 (4.54)

TABLE 1 TO APPENDIX A.—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Selenium sulfide SeS ₂	10 (4.54)
Selenourea	1000 (454)
L-Serine, diazoacetate (ester)	1 (0.454)
Silver ^c	1000 (454)
Silver cyanide Ag(CN)	1 (0.454)
Silver nitrate	1 (0.454)
Silvex (2,4,5-TP)	100 (45.4)
Sodium	10 (4.54)
Sodium arsenate	1 (0.454)
Sodium arsenite	1 (0.454)
Sodium azide	1000 (454)
Sodium bichromate	10 (4.54)
Sodium bifluoride	100 (45.4)
Sodium bisulfite	5000 (2270)
Sodium chromate	10 (4.54)
Sodium cyanide Na(CN)	10 (4.54)
Sodium dodecylbenzenesulfonate	1000 (454)
Sodium fluoride	1000 (454)
Sodium hydrosulfide	5000 (2270)
Sodium hydroxide	1000 (454)
Sodium hypochlorite	100 (45.4)
Sodium methylate	1000 (454)
Sodium nitrite	100 (45.4)
Sodium phosphate, dibasic	5000 (2270)
Sodium phosphate, tribasic	5000 (2270)
Sodium selenite	100 (45.4)
Streptozotocin	1 (0.454)
Strontium chromate	10 (4.54)
Strychnidin-10-one, & salts	10 (4.54)
Strychnidin-10-one, 2,3-dimethoxy-	100 (45.4)
Strychnine, & salts	10 (4.54)
Styrene	1000 (454)
Styrene oxide	100 (45.4)
Sulfur chlorides [®]	1000 (454)
Sulfuric acid	1000 (454)
Sulfuric acid, dimethyl ester	100 (45.4)
Sulfuric acid, dithallium (1+) salt	100 (45.4)
Sulfur monochloride	1000 (454)
Sulfur phosphide	100 (45.4)
2,4,5-T	1000 (454)
2,4,5-T acid	1000 (454)
2,4,5-T amines	5000 (2270)
2,4,5-T esters	1000 (454)
2,4,5-T salts	1000 (454)
TCDD	1 (0.454)
TDE	1 (0.454)
1,2,4,5-Tetrachlorobenzene	5000 (2270)
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1 (0.454)
1,1,1,2-Tetrachloroethane	100 (45.4)
1,1,2,2-Tetrachloroethane	100 (45.4)
Tetrachloroethylene	100 (45.4)
2,3,4,6-Tetrachlorophenol	10 (4.54)
Tetraethyl pyrophosphate	10 (4.54)
Tetraethyl lead	10 (4.54)
Tetraethyldithiopyrophosphate	100 (45.4)
Tetrahydrofuran	1000 (454)
Tetranitromethane	10 (4.54)
Tetraphosphoric acid, hexaethyl ester	100 (45.4)
Thallic oxide	100 (45.4)
Thallium ^c	1000 (454)
Thallium (I) acetate	100 (45.4)
Thallium (I) carbonate	100 (45.4)
Thallium chloride TlCl	100 (45.4)
Thallium (I) nitrate	100 (45.4)
Thallium oxide Tl ₂ O ₃	100 (45.4)
Thallium (I) selenite	1000 (454)
Thallium (I) sulfate	100 (45.4)
Thioacetamide	10 (4.54)
Thiodicarb	100 (45.4)

TABLE 1 TO APPENDIX A.—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Thiodiphosphoric acid, tetraethyl ester	100 (45.4)
Thiofanox	100 (45.4)
Thioimidodicarbonic diamide [(H ₂ N)C(S)] ₂ NH	100 (45.4)
Thiomethanol	100 (45.4)
Thioperoxydicarbonic diamide [(H ₂ N)C(S)] ₂ S ₂ , tetramethyl-	10 (4.54)
Thiophanate-methyl	10 (4.54)
Thiophenol	100 (45.4)
Thiosemicarbazide	100 (45.4)
Thiourea	10 (4.54)
Thiourea, (2-chlorophenyl)-	100 (45.4)
Thiourea, 1-naphthalenyl-	100 (45.4)
Thiourea, phenyl-	100 (45.4)
Thiram	10 (4.54)
Tirpate	100 (45.4)
Titanium tetrachloride	1000 (454)
Toluene	1000 (454)
Toluenediamine	10 (4.54)
2,4-Toluene diamine	10 (4.54)
Toluene diisocyanate	100 (45.4)
2,4-Toluene diisocyanate	100 (45.4)
o-Toluidine	100 (45.4)
p-Toluidine	100 (45.4)
o-Toluidine hydrochloride	100 (45.4)
Toxaphene	1 (0.454)
2,4,5-TP acid	100 (45.4)
2,4,5-TP esters	100 (45.4)
Triallate	100 (45.4)
1H-1,2,4-Triazol-3-amine	10 (4.54)
Trichlorfon	100 (45.4)
1,2,4-Trichlorobenzene	100 (45.4)
1,1,1-Trichloroethane	1000 (454)
1,1,2-Trichloroethane	100 (45.4)
Trichloroethylene	100 (45.4)
Trichloromethanesulfonyl chloride	100 (45.4)
Trichloromonofluoromethane	5000 (2270)
Trichlorophenol	10 (4.54)
2,3,4-Trichlorophenol .....	.....
2,3,5-Trichlorophenol .....	.....
2,3,6-Trichlorophenol .....	.....
3,4,5-Trichlorophenol .....	.....
2,4,5-Trichlorophenol	10 (4.54)
2,4,6-Trichlorophenol	10 (4.54)
Triethanolamine dodecylbenzenesulfonate	1000 (454)
Triethylamine	5000 (2270)
Trifluralin	10 (4.54)
Trimethylamine	100 (45.4)
2,2,4-Trimethylpentane	1000 (454)
1,3,5-Trinitrobenzene	10 (4.54)
1,3,5-Trioxane, 2,4,6-trimethyl-	1000 (454)
Tris(2,3-dibromopropyl) phosphate	10 (4.54)
Trypan blue	10 (4.54)
D002 Unlisted Hazardous Wastes Characteristic of Corrosivity	100 (45.4)
D001 Unlisted Hazardous Wastes Characteristic of Ignitability	100 (45.4)
D003 Unlisted Hazardous Wastes Characteristic of Reactivity	100 (45.4)
D004–D043 Unlisted Hazardous Wastes Characteristic of Toxicity:	
Arsenic (D004)	1 (0.454)
Barium (D005)	1000 (454)
Benzene (D018)	10 (4.54)
Cadmium (D006)	10 (4.54)
Carbon tetrachloride (D019)	10 (4.54)
Chlordane (D020)	1 (0.454)
Chlorobenzene (D021)	100 (45.4)
Chloroform (D022)	10 (4.54)
Chromium (D007)	10 (4.54)
o-Cresol (D023)	100 (45.4)
m-Cresol (D024)	100 (45.4)
p-Cresol (D025)	100 (45.4)
Cresol (D026)	100 (45.4)
2,4-D (D016)	100 (45.4)

TABLE 1 TO APPENDIX A.—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
1,4-Dichlorobenzene (D027)	100 (45.4)
1,2-Dichloroethane (D028)	100 (45.4)
1,1-Dichloroethylene (D029)	100 (45.4)
2,4-Dinitrotoluene (D030)	10 (4.54)
Endrin (D012)	1 (0.454)
Heptachlor (and epoxide) (D031)	1 (0.454)
Hexachlorobenzene (D032)	10 (4.54)
Hexachlorobutadiene (D033)	1 (0.454)
Hexachloroethane (D034)	100 (45.4)
Lead (D008)	10 (4.54)
Lindane (D013)	1 (0.454)
Mercury (D009)	1 (0.454)
Methoxychlor (D014)	1 (0.454)
Methyl ethyl ketone (D035)	5000 (2270)
Nitrobenzene (D036)	1000 (454)
Pentachlorophenol (D037)	10 (4.54)
Pyridine (D038)	1000 (454)
Selenium (D010)	10 (4.54)
Silver (D011)	1 (0.454)
Tetrachloroethylene (D039)	100 (45.4)
Toxaphene (D015)	1 (0.454)
Trichloroethylene (D040)	100 (45.4)
2,4,5-Trichlorophenol (D041)	10 (4.54)
2,4,6-Trichlorophenol (D042)	10 (4.54)
2,4,5-TP (D017)	100 (45.4)
Vinyl chloride (D043)	1 (0.454)
Uracil mustard	10 (4.54)
Uranyl acetate	100 (45.4)
Uranyl nitrate	100 (45.4)
Urea, N-ethyl-N-nitroso-	1 (0.454)
Urea, N-methyl-N-nitroso-	1 (0.454)
Urethane	100 (45.4)
Vanadic acid, ammonium salt	1000 (454)
Vanadium oxide V ₂ O ₅	1000 (454)
Vanadium pentoxide	1000 (454)
Vanadyl sulfate	1000 (454)
Vinyl acetate	5000 (2270)
Vinyl acetate monomer	5000 (2270)
Vinylamine, N-methyl-N-nitroso-	10 (4.54)
Vinyl bromide	100 (45.4)
Vinyl chloride	1 (0.454)
Vinylidene chloride	100 (45.4)
Warfarin, & salts	100 (45.4)
Xylene	100 (45.4)
m-Xylene	1000 (454)
o-Xylene	1000 (454)
p-Xylene	100 (45.4)
Xylene (mixed)	100 (45.4)
Xylenes (isomers and mixture)	100 (45.4)
Xylenol	1000 (454)
Yohimban-16-carboxylic acid, 11, 17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester (3beta,16beta,17alpha,18beta, 20alpha)	5000 (2270)
Zinc ^c	1000 (454)
Zinc acetate	1000 (454)
Zinc ammonium chloride	1000 (454)
Zinc, bis(dimethylcarbamodithioato-S,S')-	10 (4.54)
Zinc borate	1000 (454)
Zinc bromide	1000 (454)
Zinc carbonate	1000 (454)
Zinc chloride	1000 (454)
Zinc cyanide Zn(CN) ₂	10 (4.54)
Zinc fluoride	1000 (454)
Zinc formate	1000 (454)
Zinc hydrosulfite	1000 (454)
Zinc nitrate	1000 (454)
Zinc phenolsulfonate	5000 (2270)
Zinc phosphide Zn ₃ P ₂	100 (45.4)
Zinc silicofluoride	5000 (2270)
Zinc sulfate	1000 (454)

TABLE 1 TO APPENDIX A.—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
Ziram	10 (4.54)
Zirconium nitrate	5000 (2270)
Zirconium potassium fluoride	1000 (454)
Zirconium sulfate	5000 (2270)
Zirconium tetrachloride	5000 (2270)
F001	10 (4.54)
(a) Tetrachloroethylene	100 (45.4)
(b) Trichloroethylene	100 (45.4)
(c) Methylene chloride	1000 (454)
(d) 1,1,1-Trichloroethane	1000 (454)
(e) Carbon tetrachloride	10 (4.54)
(f) Chlorinated fluorocarbons	5000 (2270)
F002	10 (4.54)
(a) Tetrachloroethylene	100 (45.4)
(b) Methylene chloride	1000 (454)
(c) Trichloroethylene	100 (45.4)
(d) 1,1,1-Trichloroethane	1000 (454)
(e) Chlorobenzene	100 (45.4)
(f) 1,1,2-Trichloro-1,2,2-trifluoroethane	5000 (2270)
(g) o-Dichlorobenzene	100 (45.4)
(h) Trichlorofluoromethane	5000 (2270)
(i) 1,1,2-Trichloroethane	100 (45.4)
F003	100 (45.4)
(a) Xylene	1000 (454)
(b) Acetone	5000 (2270)
(c) Ethyl acetate	5000 (2270)
(d) Ethylbenzene	1000 (454)
(e) Ethyl ether	100 (45.4)
(f) Methyl isobutyl ketone	5000 (2270)
(g) n-Butyl alcohol	5000 (2270)
(h) Cyclohexanone	5000 (2270)
(i) Methanol	5000 (2270)
F004	100 (45.4)
(a) Cresols/Cresylic acid	100 (45.4)
(b) Nitrobenzene	1000 (454)
F005	100 (45.4)
(a) Toluene	1000 (454)
(b) Methyl ethyl ketone	5000 (2270)
(c) Carbon disulfide	100 (45.4)
(d) Isobutanol	5000 (2270)
(e) Pyridine	1000 (454)
F006	10 (4.54)
F007	10 (4.54)
F008	10 (4.54)
F009	10 (4.54)
F010	10 (4.54)
F011	10 (4.54)
F012	10 (4.54)
F019	10 (4.54)
F020	1 (0.454)
F021	1 (0.454)
F022	1 (0.454)
F023	1 (0.454)
F024	1 (0.454)
F025	1 (0.454)
F026	1 (0.454)
F027	1 (0.454)
F028	1 (0.454)
F032	1 (0.454)
F034	1 (0.454)
F035	1 (0.454)
F037	1 (0.454)
F038	1 (0.454)
F039	1 (0.454)
K001	1 (0.454)
K002	10 (4.54)
K003	10 (4.54)
K004	10 (4.54)
K005	10 (4.54)

TABLE 1 TO APPENDIX A.—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
K006	10 (4.54)
K007	10 (4.54)
K008	10 (4.54)
K009	10 (4.54)
K010	10 (4.54)
K011	10 (4.54)
K013	10 (4.54)
K014	5000 (2270)
K015	10 (4.54)
K016	1 (0.454)
K017	10 (4.54)
K018	1 (0.454)
K019	1 (0.454)
K020	1 (0.454)
K021	10 (4.54)
K022	1 (0.454)
K023	5000 (2270)
K024	5000 (2270)
K025	10 (4.54)
K026	1000 (454)
K027	10 (4.54)
K028	1 (0.454)
K029	1 (0.454)
K030	1 (0.454)
K031	1 (0.454)
K032	10 (4.54)
K033	10 (4.54)
K034	10 (4.54)
K035	1 (0.454)
K036	1 (0.454)
K037	1 (0.454)
K038	10 (4.54)
K039	10 (4.54)
K040	10 (4.54)
K041	1 (0.454)
K042	10 (4.54)
K043	10 (4.54)
K044	10 (4.54)
K045	10 (4.54)
K046	10 (4.54)
K047	10 (4.54)
K048	10 (4.54)
K049	10 (4.54)
K050	10 (4.54)
K051	10 (4.54)
K052	10 (4.54)
K060	1 (0.454)
K061	10 (4.54)
K062	10 (4.54)
K064	10 (4.54)
K065	10 (4.54)
K066	10 (4.54)
K069	10 (4.54)
K071	1 (0.454)
K073	10 (4.54)
K083	100 (45.4)
K084	1 (0.454)
K085	10 (4.54)
K086	10 (4.54)
K087	100 (45.4)
K088	10 (4.54)
K090	10 (4.54)
K091	10 (4.54)
K093	5000 (2270)
K094	5000 (2270)
K095	100 (45.4)
K096	100 (45.4)
K097	1 (0.454)
K098	1 (0.454)

TABLE 1 TO APPENDIX A.—HAZARDOUS SUBSTANCES OTHER THAN RADIONUCLIDES—Continued

Hazardous substance	Reportable quantity (RQ) pounds (kilograms)
K099	10 (4.54)
K100	10 (4.54)
K101	1 (0.454)
K102	1 (0.454)
K103	100 (45.4)
K104	10 (4.54)
K105	10 (4.54)
K106	1 (0.454)
K107	10 (4.54)
K108	10 (4.54)
K109	10 (4.54)
K110	10 (4.54)
K111	10 (4.54)
K112	10 (4.54)
K113	10 (4.54)
K114	10 (4.54)
K115	10 (4.54)
K116	10 (4.54)
K117	1 (0.454)
K118	1 (0.454)
K123	10 (4.54)
K124	10 (4.54)
K125	10 (4.54)
K126	10 (4.54)
K131	100 (45.4)
K132	1000 (454)
K136	1 (0.454)
K141	1 (0.454)
K142	1 (0.454)
K143	1 (0.454)
K144	1 (0.454)
K145	1 (0.454)
K147	1 (0.454)
K148	1 (0.454)
K149	10 (4.54)
K150	10 (4.54)
K151	10 (4.54)
K156	10 (4.54)
K157	10 (4.54)
K158	10 (4.54)
K159	10 (4.54)
K161	1 (0.454)
K169	10 (4.54)
K170	1 (0.454)
K171	1 (0.454)
K172	1 (0.454)
K174	1 (0.454)
K175	1 (0.454)
K176	1 (0.454)
K177	5000 (2270)
K178	1000 (454)
K181	1 (0.454)

^c The RQ for these hazardous substances is limited to those pieces of the metal having a diameter smaller than 100 micrometers (0.004 inches).

^{c,c} The RQ for asbestos is limited to friable forms only.

[@] Indicates that the name was added by PHMSA because (1) the name is a synonym for a specific hazardous substance and (2) the name appears in the Hazardous Materials Table as a proper shipping name.

[#] To provide consistency with EPA regulations, two entries with different CAS numbers are provided. Refer to the EPA Table 302.4—List of Hazardous Substances and Reportable Quantities for an explanation of the two entries.

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Issued in Washington, DC on December 27, 2007 under authority delegated in 49 CFR part 1.

Stacey L. Gerard,

Acting Deputy Administrator, Pipeline and Hazardous Materials Safety Administration.

[FR Doc. 07-6297 Filed 1-4-08; 8:45 am]

BILLING CODE 4910-60-P