

DEPARTMENT OF TRANSPORTATION

Research and Special Programs
Administration

49 CFR Part 172

[Docket No. HM-145G; Amdt No. 172-117]

RIN 2137-AA68

Hazardous Substances

AGENCY: Research and Special Programs Administration (RSPA), Department of Transportation (DOT).

ACTION: Final rule.

SUMMARY: In this final rule, RSPA is amending the Hazardous Materials Regulations (HMR) by revising the "List of Hazardous Substances and Reportable Quantities" which appears in the appendix to 49 CFR 172.101. This action is necessary to comply with a 1986 amendment (Pub. L. 99-499) to section 306(a) of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980 (Pub. L. 96-510). The intended effect of this action is to enable carriers of hazardous materials to specifically identify CERCLA hazardous substances and to make the required notification if a discharge of a reportable quantity occurs.

EFFECTIVE DATE: This amendment is effective October 13, 1989. However, immediate compliance with the regulations as amended herein is authorized. The provisions of 49 CFR 172.101(j), which allows up to one year after a change to the Hazardous Materials Table (HMT) to use up stocks of preprinted shipping papers and to ship packages that were marked prior to the change, do not apply to these amendments.

FOR FURTHER INFORMATION CONTACT: John A. Gale (202) 366-4488, Standards Division, or George Cushmac (202) 336-4545, Technical Division, Office of Hazardous Materials Transportation RSPA, 400 7th Street, SW, Washington, DC 20590. Questions about hazardous substance designations or reportable quantities should be directed to the Environmental Protection Agency (EPA). Call the RCRA/Superfund hotline at (800) 424-9346 or in Washington, DC (202) 382-3000.

SUPPLEMENTARY INFORMATION:**I. Background**

Section 202 of the Superfund Amendments and Reauthorization Act (SARA; Pub. L. 99-499) of 1986 amended section 306(a) of CERCLA by requiring the Secretary of Transportation to list and regulate hazardous substances,

listed or designated under section 101(14) of CERCLA, as hazardous materials under the Hazardous Materials Transportation Act (HMTA; 49 App. U.S.C. 1801 et seq.). RSPA carries out the rulemaking responsibilities of the Secretary of Transportation under the HMTA. This final rule is necessary to comply with section 306(a) of CERCLA as it is amended by section 202 of SARA.

RSPA's role in regulating hazardous substances is directly tied to EPA's ongoing hazardous substances responsibility. RSPA has no role in determining 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. Therefore, under the CERCLA scheme EPA must issue final rules amending the list of CERCLA hazardous substances, including adjusting RQs, before RSPA can amend its list of hazardous substances. In the preamble to the final rule on this subject issued under Docket HM-145F (51 FR 42174; November 21, 1986), RSPA included the following statement:

It is RSPA's intention to make changes from time to time to the list of hazardous substances or their RQs in the Appendix as adjustments are made by EPA.

This document adjust the "List of Hazardous Substances and Reportable Quantities" based on five final rules published by EPA in the past several months. On August 14, 1989, EPA published two final rules (54 FR 33418 and 54 FR 33426, respectively) which revised the reportable quantities of 193 hazardous substances (136 were raised and 57 were lowered), added four waste streams and deleted one material—ammonium thiosulfate—from the CERCLA list of hazardous substances. Because of synonyms, a total of 277 revisions were made to the CERCLA list of hazardous substances and reportable quantities. In addition, the entry "Kelthane" was changed to "Dicofol", and "1,1,2-Trichloroethane" was added to the waste stream F002. The reportable quantity of F002-1,1,2-trichloroethane is 100 pounds. The four waste streams that were added to the list were K123, K124, K125, and K126. Each of these waste streams was assigned an RQ of 10 pounds.

On September 13, 1988, and October 31, 1988, EPA published three final rules (53 FR 35412, 53 FR 43878, and 53 FR 43881, respectively), which amended the list of CERCLA hazardous substances. The final rule EPA published on September 13, 1988, added the following six waste streams to the CERCLA list of

hazardous substances: K064; K065; K066; K088; K090; and K091. Each of these waste streams was assigned an RQ of one pound (0.454 kg). The final rules EPA published on October 31, 1988, removed "iron dextran", "ferric dextran" and "strontium sulfide" from the CERCLA list of hazardous substances.

To keep its "List of Hazardous Substances and Reportable Quantities" consistent with EPA's list of CERCLA hazardous substances and reportable quantities, RSPA is amending the HMR in accordance with the five EPA final rules previously discussed. In addition, RSPA is making three nonsubstantive editorial changes to its "List of Hazardous Substances and Reportable Quantities". RSPA has added names to the "List of Hazardous Substances and Reportable Quantities", found in the appendix to § 172.101, because they are synonyms of specific hazardous substances and the names appear in the HMT as proper shipping names. RSPA is revising the RQ of four of these names because the RQ of their corresponding synonym has been revised. These four synonyms are as follows: (1) Ammonium dichromate; (2) dimethylhydrazine, unsymmetrical; (3) potassium dichromate; and (4) sodium dichromate. Second, RSPA is adding "Cumene hydroperoxide", "Nitrogen peroxide" and "Nitrogen tetroxide", with the footnote "@" and corresponding RQs of 10 pounds, to the list of hazardous substances. Cumene hydroperoxide is a synonym for the hazardous substances "Alpha, alpha-Dimethylbenzylhydroperoxide" and "Hydroperoxide, 1-methyl-1-phenylethyl" and appears in the HMT as a proper shipping name. Nitrogen peroxide and Nitrogen tetroxide are both synonyms for the hazardous substances "Nitrogen dioxide" and "Nitrogen(IV) oxide" and appear in the HMT as proper shipping names. Third, the footnote "*" is added to the entry "Sulfuric acid" because Sulfuric acid appears in the HMT as a proper shipping name.

The regulatory action in this final rule is mandated by statute, and for this reason, RSPA is not affording persons affected by this rule the relief afforded by § 172.101(j) which allows up to one year after a change to the HMT to use up stocks of preprinted shipping papers and to ship packages that were marked prior to the change.

Because this rulemaking is making numerous modifications to the "List of Hazardous Substances and Reportable Quantities" found in the appendix to § 172.101 RSPA is reprinting it in its entirety. Changes to specific entries not

identified in the foregoing discussion are categorized as follows:

A. Those hazardous substances the RQs of which increased from 1 to 10 pounds:

Amitrole
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
Benz[*j*]aceanthrylene, 1,2-dihydro-3-methyl-
Benz[*a*]anthracene
1,2-Benzanthracene
Benzenamine, N,N-dimethyl-4-phenylazo-
Benzenamine, 4,4'-methylenebis(2-chloro-
Benzene, hexachloro-
Benzene, 1,2-methylenedioxy-4-propyl-
Benzene, (trichloromethyl)-
Benzenoacetic acid, 4-chloro- α -(4-chlorophenyl)- α -hydroxy-, ethyl ester
Benzo[*a*]anthracene
Benzotrithloride
Beryllium
Beryllium dust
Alpha-BHC
2,2'-Bioxirane
(1,1'-Biphenyl)-4,4'-diamine, 3,3'-dimethoxy-
(1,1'-Biphenyl)-4,4'-diamine, 3,3'-dimethyl
Bis(2-chloroethyl) ether
1-Butanamine, N-butyl-N-nitroso-
Butanoic acid, 4-bis(2-chloroethyl)amino]benzene-
Cadmium
Carbamide, thio-
Chlorambucil
1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-
Cyclophosphamide
Daunomycin
Diaminotoluene
1,2,7,8-Dibenzopyrene
Dibenz[*a*,*i*]pyrene
Dichloroethyl ether
1,2,3,4-Diepoxybutane
N,N'-Diethylhydrazine
Dihydroisofurole
3,3'-Dimethoxybenzidine
Dimethylaminoazobenzene
3,3'-Dimethylbenzidine
1,1-Dimethylhydrazine
Dimethylhydrazine, unsymmetrical
Dimethylhydrazine
Dimethyl sulfate
1,2-Diphenylhydrazine
Di-N-propylnitrosamine
Ethane, 1,1'-Oxybis(2-chloro-
Ethane, pentachloro-
Ethanethioamide
Ethanamine, N-methyl-N-nitroso-
Ethyl 4,4'-dichlorobenzilate
Ethylene oxide
Ethylene thiourea
Glycidylaldehyde
Guanidine, N-nitroso-N-methyl-N-nitro-
Hexachlorobenzene
Hexachlorocyclopentadiene
Hydrazine, 1,2-diethyl-
Hydrazine, 1,1-dimethyl-
Hydrazine, 1,2-diphenyl-
2-Imidazolidinethione
Lasiocarpine
3-Methylcholanthrene
4,4'-Methylenebis(2-chloroaniline)
N-Methyl-N'-nitro-N-nitrosoguanidine
Methyl thiouracil
Mitomycin C

5,12-Naphthazenedione, (8S-cis)-8-acetyl-10-[3-amino-2,3,6-trideoxy- α -L-lyxo-hexopyranosyl]oxy]-7,8,9,10-tetrahydro-8,8,11-trihydroxy-1-methoxy-
2,7-Naphthalenedisulfonic acid, 3,3'-[[3,3'-dimethyl-(1,1'-biphenyl)-4,4'-diyl]-bis(azo)]bis(5-amino-4-hydroxy)-tetrasodium salt
Nickel carbonyl
Nickel cyanide
Nickel(II) cyanide
Nickel tetracarboxyl
2-Nitropropane
N-Nitrosodi-n-butylamine
N-Nitrosodimethylamine
N-Nitrosodi-n-propylamine
N-Nitrosomethylvinylamine
N-Nitrosopiperidine
1,2-Oxathiolane, 2,2-dioxide
2H-1,3,2-Oxazaphosphorine, 2-[[bis(2-chloroethyl)amino] tetrahydro-2-oxide
Oxirane
Parathion
Pentachloroethane
Phosphorothioic acid, O,O-diethyl O-(p-nitrophenyl) ester
1-Propanal, 2,3-epoxy-
Propane, 2-nitro-
1,3-Propane sultone
1-Propanol, 2,3-dibromo-, phosphate (3:1)
Pyridine, hexahydro-N-nitroso-
4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-
Selenium disulfide
Sulfur selenide
Sulfuric acid, dimethyl ester
Thioacetamide
Thiourea
Toluenediamine
1H-1,2,4-Triazol-3-amine
Tris(2,3-dibromopropyl) phosphate
Trypan blue
Unlisted Hazardous Wastes Characteristic of
EP Toxicity Cadmium D006
Uracil, 5-bis(2-chloroethyl)amino]-
Uracil mustard
Waste Streams:
F001 K034
F002 K038
F006 K040
F019 K042
K004 K043
K006 K050
K007 K073
K008 K085
K009 K099
K010 K104
K011 K105
K013 K111
K015 K112
K021 K113
K025 K114
K027 K115
K032 K118
K033 D007

B. Those hazardous substances the RQs of which increased from 1 to 100 pounds:

Acetamide, N-(4-ethoxyphenyl)-
2-Amino-1-methyl benzene
4-Amino-1-methyl benzene
Auramine
Benzidiazine
3,4-Benzaziridine
Benzenamine, 4,4'-carbonylbis(N,N-dimethyl-
Benzenamine, 4-chloro-2-methyl-
hydrochloride

Benzenamine, 2-methyl-, hydrochloride
Benzenamine, 2-methyl-5-nitro-
Benzene, 1,2-methylenedioxy-4-allyl-
Benzene, 1,2-methylenedioxy-4-propenyl-
Benzene, pentachloronitro-
1,2-Benzenedicarboxylic acid, [bis(2-ethylhexyl)] ester
1,2-Benzisothiazolin-3-one, 1,1-dioxide, and salts
1,2-Benzphenanthrene
Bis(2-ethylhexyl)phthalate
Carbamic acid, ethyl ester
Chloronaphazine
4-Chloro-o-toluidine, hydrochloride
Chrysene
Diallate
S-(2,3-Dichloroallyl)
diisopropylthiocarbamate
1,4-Diethylene dioxide
1,4-Dioxane
Ethane, 1,1,1,2,2,2-hexachloro-
Ethane, 1,1,1,2-tetrachloro-
Ethane, 1,1,2,2-tetrachloro-
Ethane, 1,1,2-trichloro-
Ethene, 1,1,2,2-tetrachloro-
Ethyl carbamate (urethan)
Hexachloroethane
Indeno[1,2,3-cd]pyrene
Isosafrole
Lead subacetate
Methane, chloro-
Methane, iodo-
Methyl chloride
Methyl iodide
1-Naphthylamine
 α -Naphthylamine
2-Naphthylamine, N,N-bis(2-chloroethyl)-
Nickel
5-Nitro-o-toluidine
Pentachloronitrobenzene
Perchloroethylene
Phenacetin
1,10-(1,2-Phenylene)pyrene
Safrole
Saccharin and salts
1,1,1,2-Tetrachloroethane
1,1,2,2-Tetrachloroethane
Tetrachloroethene
Tetrachloroethylene
O-Toluidine
P-Toluidine
O-Toluidine hydrochloride
1,1,2 Trichloroethane
F001-Tetrachloroethylene
F002-Tetrachloroethylene
K095
K096

C. Those hazardous substances the RQs of which increased from 1 to 1000 pounds:

2-Ethoxyethanol
Ethylene glycol monoethyl ether

D. Those hazardous substances the RQs of which increased from 1 to 5000 pounds:

Acetaldehyde, trichloro-
Benz[*k*]fluoranthene
Chloral
Chromium

E. Those hazardous substances the RQs of which increased from 10 to 100 pounds:

Acrylonitrile
2-Propenenitrile

F. Those hazardous substances the RQs of which decreased from 5000 to 1 pound:

Arsenic disulfide
Arsenic(III) oxide
Arsenic(V) oxide
Arsenic pentoxide
Arsenic trichloride
Arsenic trioxide
Arsenic trisulfide
Beryllium chloride
Beryllium fluoride
Beryllium nitrate
Lead arsenate

G. Those hazardous substances the RQs of which decreased from 5000 to 10 pounds:

Carbon tetrachloride
Chloroform
Methane, tetrachloro-
Methane, trichloro-
F001-Carbon tetrachloride

H. Those hazardous substances the RQs of which decreased from 5000 to 100 pounds:

1,2-Dichloroethane
1,1-Dichloroethylene
Ethane, 1,2-dichloro-
Ethene, 1,1-dichloro-
Ethylene dichloride
Nickel ammonium sulfate
Nickel chloride
Nickel nitrate
Nickel sulfate
Vinylidene chloride

I. Those hazardous substances the RQs of which decreased from 1000 to 1 pound:

Calcium arsenate
Calcium arsenite
Ethane, 1,2-dibromo-
Ethylene dibromide
Potassium arsenate
Potassium arsenite
Sodium arsenate
Sodium arsenite

J. Those hazardous substances the RQs of which decreased from 1000 to 10 pounds:

Ammonium bichromate
Ammonium chromate
Ammonium dichromate
Benzene
Benzene, 1-methyl-2,4-dinitro-
Calcium chromate
Chromic acid
Chromic acid, calcium salt
2,4-Dinitrotoluene
Dinitrotoluene
Formaldehyde
Lithium chromate
Methylene oxide
Nickel hydroxide
Potassium bichromate
Potassium chromate
Potassium dichromate
Sodium bichromate

Sodium chromate
Sodium dichromate
Strontium chromate

K. Those hazardous substances the RQs of which decreased from 1000 to 100 pounds:

Benzene 1-methyl-2,6-dinitro-
1-Chloro-2, 3-epoxypropane
2,6-Dinitrotoluene
Epichlorohydrin
Oxirane, 2-(chloromethyl)-
Trichloroethene
Trichloroethylene
F001-Trichloroethylene
F002-Trichloroethylene

L. Those hazardous substances the RQs of which decreased from 100 to 1 pound:

Cupric acetoarsenite

M. Those hazardous substances the RQs of which decreased from 100 to 10 pounds:

Cadmium acetate
Cadmium bromide
Cadmium chloride

N. Those hazardous substances the RQs of which decreased from 10 to 1 pound:

Aroclor 1016
Aroclor 1221
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
POLYCHLORINATED BIPHENYLS (PCB's)

Administrative Notices

In accordance with the Administrative Procedure Act, 5 U.S.C. 553, RSPA has determined that a notice of proposed rulemaking and an opportunity for public comment and review are impracticable and unnecessary. SARA mandated that the Department of Transportation regulate, as hazardous materials under 49 CFR parts 171-179, those hazardous substances designated under CERCLA. EPA is the sole agency authorized to designate hazardous substances and their reportable quantities. Therefore, public comment and review are unnecessary because: (1) The public was afforded time to comment when EPA published its notice of proposed rulemaking concerning that agency's change in the subject RQs; and (2) RSPA does not have the authority to designate hazardous substances or determine their reportable quantities.

RSPA has determined that this rulemaking: (1) Is not a "major rule" under Executive Order 12291; (2) is not "significant" under DOT's regulatory policies and procedures (44 FR 11034); (3) will not affect not-for-profit enterprises or small governmental jurisdictions; (4) does not require an

environmental impact statement under the National Environmental Policy Act (42 U.S.C. 4321 *et seq.*); and (5) does not require the preparation of a regulatory evaluation.

Based on limited information concerning the size and nature of entities likely to be affected, I certify that this regulation will not have a significant impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

This action has been analyzed in accordance with the principles and criteria contained in Executive Order 12812, and it has been determined that this final rule does not have sufficient federalism implications to warrant the preparation of a Federal Assessment.

List of Subjects in 49 CFR 172

Hazardous materials transportation,
Hazardous substances.

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

PART 172—HAZARDOUS MATERIALS TABLE AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS

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

Authority: 49 U.S.C. 1803, 1804, 1805, and 1808; Pub. L. 99-499 and 49 CFR part 1, unless otherwise noted.

2. The appendix to § 172.101, entitled "List of Hazardous Substances and Reportable Quantities", is revised to read as follows:

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

1. This appendix lists materials and their corresponding reportable quantities (RQs) which are listed or designated as "hazardous substances" under section 101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA; Pub. L. 96-510). A material in this list is regulated as a hazardous material and a hazardous substance under this subchapter if it meets the definition of a hazardous substance in § 171.8 of this subchapter.

2. Column 1 of the list, entitled "Hazardous substance", contains the names of hazardous substances. Elements and compounds are listed first in alphabetical sequence. Following the listing of elements and compounds is a listing of waste streams. These waste streams appear on the list in numerical sequence and are referenced by the appropriate "F" or "K" numbers. Column 2 of the list, entitled "Synonyms", contains the names of

synonyms for certain elements and compounds listed in Column 1. No synonyms are listed for waste streams. Synonyms are useful in identifying hazardous substances and in identifying proper shipping names. Column 3 of the list, entitled "Reportable quantity (RQ)",

contains the reportable quantity (RQ), in pounds and kilograms, for each hazardous substance listed in Column 1.

3. The procedure for selecting a proper shipping name for a hazardous substance is set forth in § 172.101(c)(9).

4. A series of notes are used throughout the list to provide additional information concerning certain hazardous substances. These notes are explained at the end of the list.

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES

Hazardous Substance	Synonyms	Reportable Quantity (RQ) Pounds (kilograms)
Acenaphthene		100 (45.4)
Acenaphthylene		5000 (2270)
Acetaldehyde *	Ethanal	1000 (454)
Acetaldehyde, chloro-	Chloroacetaldehyde	1000 (454)
Acetaldehyde, trichloro-	Chloral	5000 (2270)
Acetamide, N-(aminothioxomethyl)-	1-Acetyl-2-thiourea	1000 (454)
Acetamide, N-(4-ethoxyphenyl)-	Phenacetin	100 (45.4)
Acetamide, N-fluoren-2-yl-	2-Acetylaminofluorene	1 (0.454)
Acetamide, 2-fluoro-	Fluoroacetamide	100 (45.4)
Acetic acid *		5000 (2270)
Acetic acid, ethyl ester	Ethyl acetate	5000 (2270)
Acetic acid, fluoro-, sodium salt	Fluoroacetic acid, sodium salt	10 (4.54)
Acetic acid, lead salt	Lead acetate	5000 (2270)
Acetic acid, thallium (I) salt	Thallium(I) acetate	100 (45.4)
Acetic anhydride *		5000 (2270)
Acetimidic acid, N [(methylcarbamoyloxy)imino-methyl ester	Methoxymyl	100 (45.4)
Acetone *	2-Propanone	5000 (2270)
Acetone cyanohydrin *	Propanenitrile, 2-hydroxy-2-methyl- 2-Methylactonitrile	10 (4.54)
Acetonitrile *	Ethanenitrile	5000 (2270)
3-(alpha-Acetylbenzyl)-4-hydroxycoumarin and salts	Warfarin	100 (45.4)
Acetophenone	Ethanone, 1-phenyl-	5000 (2270)
2-Acetylaminofluorene	Acetamide, N-fluoren-2-yl-	1 (0.454)
Acetyl bromide *		5000 (2270)
Acetyl chloride *	Ethanoyl chloride	5000 (2270)
1-Acetyl-2-thiourea	Acetamide, N-(aminothioxomethyl)-	1000 (454)
Acrolein *	2-Propenal	1 (0.454)
Acrylamide	2-Propenamide	5000 (2270)
Acrylic acid *	2-Propenoic acid	5000 (2270)
Acrylonitrile *	2-Propenenitrile	100 (45.4)
Adipic acid		5000 (2270)
Alanine, 3-[p-bis(2-chloroethyl)amino]phenyl-, L-	Malphalan	1 (0.454)
Aldicarb	Propanal, 2-methyl-2-(methylthio)- O-[(methylamino)carbamoyl]oxime 1,2,3,4,10-10-Hexachloro-1,4,4a,5,8,8a-hexahydro- 1,4,5,8-endo,exo-dimethanonaphthalene	1 (0.454)
Alidin *	2-Propen-1-ol	
Allyl alcohol *		100 (45.4)
Allyl chloride *		1000 (454)
Aluminum phosphide *		100 (45.4)
Aluminum sulfate *		5000 (2270)
2-Amino-1-methyl benzene	o-Toluidine	100 (45.4)
4-Amino-1-methyl benzene	p-Toluidine	100 (45.4)
5-(Aminomethyl)-3-isoxazolol	3(2H)-Isioxazalone, 5-(aminomethyl)-	1000 (454)
4-Aminopyridine	4-Pyridinamine	1000 (454)
Amitrole	1H-1,2,4-Triazol-3-amine	10 (4.54)
Ammonia *		100 (45.4)
Ammonium acetate		5000 (2270)
Ammonium benzoate		5000 (2270)
Ammonium bicarbonate		5000 (2270)
Ammonium bichromate	Ammonium dichromate @	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 @	Ammonium bichromate	10 (4.54)
Ammonium fluoroborate *		5000 (2270)
Ammonium fluoride *		100 (45.4)
Ammonium hydroxide *		1000 (454)
Ammonium oxalate *		5000 (2270)
Ammonium picrate *	Phenol, 2,4,6-trinitro-, ammonium salt	10 (4.54)
Ammonium silicofluoride *		1000 (454)
Ammonium sulfate		5000 (2270)
Ammonium sulfide *		100 (45.4)
Ammonium sulfite		5000 (2270)

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

Hazardous Substance	Synonyms	Reportable Quantity (RQ) Pounds (Kilograms)
Ammonium tartrate		5000 (2270)
Ammonium thiocyanate		5000 (2270)
Ammonium vanadate	Vanadic acid, ammonium salt	1000 (454)
Amyl acetate *		5000 (2270)
iso-Amyl acetate		
sec-Amyl acetate		
tert-Amyl acetate		
Aniline *	Benzenamine	5000 (2270)
Anthracene		5000 (2270)
Antimony *		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)
Aroclor 1016	POLYCHLORINATED BIPHENYLS (PCBs)	1 (0.454)
Aroclor 1221	POLYCHLORINATED BIPHENYLS (PCBs)	1 (0.454)
Aroclor 1232	POLYCHLORINATED BIPHENYLS (PCBs)	1 (0.454)
Aroclor 1242	POLYCHLORINATED BIPHENYLS (PCBs)	1 (0.454)
Aroclor 1248	POLYCHLORINATED BIPHENYLS (PCBs)	1 (0.454)
Aroclor 1254	POLYCHLORINATED BIPHENYLS (PCBs)	1 (0.454)
Aroclor 1260	POLYCHLORINATED BIPHENYLS (PCBs)	1 (0.454)
Arsenic *		1 (0.454)
Arsenic acid *		1 (0.454)
Arsenic disulfide *		1 (0.454)
Arsenic(III) oxide	Arsenic trioxide *	1 (0.454)
Arsenic(V) oxide	Arsenic pentoxide *	1 (0.454)
Arsenic pentoxide *	Arsenic(V) oxide	1 (0.454)
Arsenic trichloride *		1 (0.454)
Arsenic trioxide *	Arsenic(III) oxide	1 (0.454)
Arsenic trisulfide *		1 (0.454)
Arsine, diethyl	Diethylarsine	1 (0.454)
Asbestos *		100 (45.4)
Auramine	Benzenamine, 4,4'-carbonimidoylbis (N,N-dimethyl-)	1 (0.454)
Azaserine	L-Serine, diazoacetate (ester)	1 (0.454)
Azinphos methyl @	Guthion *	1 (0.454)
Azidine	Ethylenimine	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-meth- oxy-5-methyl-	Mitomycin C	10 (4.54)
Barium cyanide *		10 (4.54)
Benz[e]aceanthrylene, 1,2-dihydro-3-methyl-	3-Methylcholanthrene	100 (45.4)
Benz[c]acridine	3,4-Benzacridine	100 (45.4)
3,4-Benzacridine	Benz[c]acridine	100 (45.4)
Benzal chloride	Benzene, dichloromethyl-	5000 (2270)
Benz[a]anthracene	Benzo[a]anthracene	10 (4.54)
1,2-Benzanthracene	1,2-Benzanthracene	10 (4.54)
1,2-Benzanthracene, 7,12-dimethyl-	Benzo[a]anthracene	1 (0.454)
Benzenamine	7,12-Dimethylbenzo[a]anthracene	5000 (2270)
Benzenamine, 4,4'-carbonimidoylbis (N,N-dimethyl-	Aniline *	100 (45.4)
Benzenamine, 4-chloro-	Auramine	1000 (454)
Benzenamine, 4-chloro-2-methyl-, hydrochloride	p-Chloroaniline	100 (45.4)
Benzenamine, N,N-dimethyl-4-phenylazo-	4-Chloro-o-toluidine, hydrochloride	10 (4.54)
Benzenamine, 4,4'-methylenebis(2-chloro-	Dimethylaminoazobenzene	10 (4.54)
Benzenamine, 2-methyl-, hydrochloride	4,4'-Methylenebis(2-chloroaniline)	100 (45.4)
Benzenamine, 2-methyl-5-nitro-	o-Toluidine hydrochloride	100 (45.4)
Benzenamine, 4-nitro-	5-Nitro-o-toluidine	5000 (2270)
Benzene *	p-Nitroaniline	10 (4.54)
Benzene, 1-bromo-4-phenoxy-	4-Bromophenyl phenyl ether	100 (45.4)
Benzene, chloro-	Chlorobenzene *	100 (45.4)
Benzene, chloromethyl-	Benzyl chloride *	100 (45.4)
Benzene, 1,2-dichloro-	o-Dichlorobenzene *	100 (45.4)
	1,2-Dichlorobenzene	100 (45.4)
	m-Dichlorobenzene	
Benzene, 1,3-dichloro-	1,3-Dichlorobenzene	100 (45.4)
Benzene, 1,4-dichloro-	p-Dichlorobenzene *	
	1,4-Dichlorobenzene	5000 (2270)
Benzene, dichloromethyl-	Benzal chloride	100 (45.4)
Benzene, 2,4-diisocyanatomethyl-	Toluene diisocyanate *	1000 (454)
Benzene, dimethyl	Xylene * (mixed)	
m-	m-	
o-	o-	
p-	p-	10 (4.54)
Benzene, hexachloro-	Hexachlorobenzene	

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

Hazardous Substance	Synonyms	Reportable Quantity (RQ) Pounds (Kilograms)
Benzene, hexahydro-	Cyclohexane *	1000 (454)
Benzene, hydroxy-	Phenol *	1000 (454)
Benzene, methyl-	Toluene *	1000 (454)
Benzene, 1-methyl-2,4-dinitro-	2,4-Dinitrotoluene	10 (4.54)
Benzene, 1-methyl-2,6-dinitro-	2,6-Dinitrotoluene	100 (45.4)
Benzene, 1,2-methylenedioxy-4-allyl-	Safrole	100 (45.4)
Benzene, 1,2-methylenedioxy-4-propenyl-	Isosafrole	100 (45.4)
Benzene, 1,2-methylenedioxy-4-propyl-	Dihydrosafrole	10 (4.54)
Benzene, 1-methylethyl-	Cumene	5000 (2270)
Benzene, nitro-	Nitrobenzene *	1000 (454)
Benzene, pentachloro-	Pentachlorobenzene	10 (4.54)
Benzene, pentachloronitro-	Pentachloronitrobenzene	100 (45.4)
Benzene, 1,2,4,5-tetrachloro-	1,2,4,5-Tetrachlorobenzene	5000 (2270)
Benzene, trichloromethyl-	Benzotrichloride	10 (4.54)
Benzene, 1,3,5-trinitro-	sym-Trinitrobenzene *	10 (4.54)
Benzenecetic acid, 4-chloro-alpha-(4-chlorophenyl)-alpha-hydroxy-ethyl ester	Ethyl 4,4'-dichloroterephthalate	10 (4.54)
1,2-Benzenedicarboxylic acid anhydride	Phthalic anhydride	5000 (2270)
1,2-Benzenedicarboxylic acid, [bis(2-ethylhexyl)] ester	Bis(2-ethylhexyl)phthalate	100 (45.4)
1,2-Benzenedicarboxylic acid, dibutyl ester	Di-n-butyl phthalate	10 (4.54)
	Dibutyl phthalate	
	n-Butyl phthalate	
1,2-Benzenedicarboxylic acid, diethyl ester	Diethyl phthalate	1000 (454)
1,2-Benzenedicarboxylic acid, dimethyl ester	Dimethyl phthalate	5000 (2270)
1,2-Benzenedicarboxylic acid, di-n-octyl ester	Di-n-octyl phthalate	5000 (2270)
1,3-Benzenediol	Resorcinol	5000 (2270)
1,2-Benzenediol, 4-[[1-hydroxy-2-(methylamino)ethyl]-	Epinephrine	1000 (454)
Benzenesulfonic acid chloride	Benzenesulfonyl chloride	100 (45.4)
Benzenesulfonyl chloride	Benzenesulfonic acid chloride	100 (45.4)
Benzenethiol	Phenyl mercaptan @	100 (45.4)
	Thiophenol	
Benzidine *	(1,1'-Biphenyl)-4,4'-diamine	1 (0.454)
1,2-Benzisothiazolin-3-one, 1,1-dioxide, and salts	Saccharin and salts	100 (45.4)
Benzo[a]anthracene	Benzo[a]anthracene	10 (4.54)
	1,2-Benzanthracene	
Benzo[b]fluoranthene		1 (0.454)
Benzo[k]fluoranthene		5000 (2270)
Benzo[i,j]fluoranthene	Fluoranthene	100 (45.4)
Benzoic acid		5000 (2270)
Benzonitrile *		5000 (2270)
Benzo[g,h,i]perylene		5000 (2270)
Benzo[a]pyrene	3,4-Benzopyrene	1 (0.454)
3,4-Benzopyrene	Benzo[a]pyrene	1 (0.454)
p-Benzquinone	1,4-Cyclohexadienedione	10 (4.54)
Benzotrichloride	Benzene, trichloromethyl-	10 (4.54)
Benzoyl chloride *		1000 (454)
1,2-Benzophenanthrene	Chrysene	100 (45.4)
Benzyl chloride *	Benzene, chloromethyl-	100 (45.4)
Beryllium *	Beryllium dust †	10 (4.54)
Beryllium chloride *		1 (0.454)
Beryllium dust †	Beryllium †	10 (4.54)
Beryllium fluoride *		1 (0.454)
Beryllium nitrate *		1 (0.454)
alpha - BHC		10 (4.54)
beta - BHC		1 (0.454)
delta - BHC		1 (0.454)
gamma - BHC	Hexachlorocyclohexane (gamma isomer)	1 (0.454)
2,2'-Bioxirane	Lindane *	
(1,1'-Biphenyl)-4,4'-diamine	1,2,3,4-Diepoxybutane	10 (4.54)
(1,1'-Biphenyl)-4,4'-diamine,3,3'-dichloro-	Benzidine *	1 (0.454)
(1,1'-Biphenyl)-4,4'-diamine,3,3'-dimethoxy-	3,3'-Dichlorobenzidine	1 (0.454)
(1,1'-Biphenyl)-4,4'-diamine,3,3'-dimethyl-	3,3'-Dimethoxybenzidine	10 (4.54)
Bis(2-chloroethoxy) methane	3,3'-Dimethylbenzidine	10 (4.54)
Bis(2-chloroethyl) ether	Ethane, 1,1'-[methylenebis(oxy)]bis(2-chloro-	1000 (454)
	Dichloroethyl ether	10 (4.54)
	Ethane, 1,1'-oxybis(2-chloro-	
Bis(2-chloroisopropyl) ether	Propane, 2,2'-oxybis(2-chloro-	1000 (454)
Bis(chloromethyl) ether	Methane, oxybis(chloro-	1 (0.454)
Bis(dimethyltriocarbonyl) disulfide	Thiram	10 (4.54)
Bis(2-ethylhexyl)phthalate	1,2-Benzenedicarboxylic acid, [bis(2-ethylhexyl)]ester	100 (45.4)
Bromine cyanide	Cyanogen bromide *	1000 (454)
Bromoacetone *	2-Propanone, 1-bromo-	1000 (454)
Bromoform	Methane, tribromo-	100 (45.4)
4-Bromophenyl phenyl ether	Benzene, 1-bromo-4-phenoxy-	100 (45.4)
Brucine	Strychnidin-10-one, 2,3-dimethoxy-	100 (45.4)
1,3-Butadiene, 1,1,2,3,4,4-hexachloro-	Hexachlorobutadiene *	1 (0.454)
1-Butanamine, N-butyl N-nitroso-	N-Nitrosodi-n-butylamine	10 (4.54)

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

Hazardous Substance	Synonyms	Reportable Quantity (RQ) Pounds (Kilograms)
Butanoic acid, 4-[bis(2-chloroethyl)amino]benzene	Chlorambucil	10 (4.54)
1-Butanol	n-Butyl alcohol	5000 (2270)
2-Butanone	Ethyl methyl ketone @ Methyl ethyl ketone	5000 (2270)
2-Butanone peroxide	Methyl ethyl ketone peroxide	10 (4.54)
2-Butenal	Crotonaldehyde	100 (45.4)
2-Butene, 1,4-dichloro	1,4-Dichloro-2-butene	1 (0.454)
Butyl acetate		5000 (2270)
iso-Butyl acetate		
sec-Butyl acetate		
tert-Butyl acetate		
n-Butyl alcohol	1-Butanol	5000 (2270)
Butylamine		1000 (454)
iso-Butylamine		
sec-Butylamine		
tert-Butylamine		
Butyl benzyl phthalate		100 (45.4)
n-Butyl phthalate	Di-n-butyl phthalate Dibutyl phthalate	10 (4.54)
	1,2-Benzenedicarboxylic acid, dibutyl ester	
Butyric acid		5000 (2270)
iso-Butyric acid		
Cacodylic acid	Hydroxydimethylarsine oxide	1 (0.454)
Cadmium		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	Chromic acid, calcium salt	10 (4.54)
Calcium cyanide		10 (4.54)
Calcium dodecylbenzene sulfonate		1000 (454)
Calcium hypochlorite		10 (4.54)
Camphene, octachloro	Toxaphene	1 (0.454)
Caplan		10 (4.54)
Carbamic acid, ethyl ester	Ethyl carbamate (Urethan)	100 (45.4)
Carbamic acid, methylnitroso, ethyl ester	N-Nitroso-N-methylurethane	1 (0.454)
Carbamide, N-ethyl-N-nitroso	N-Nitroso-N-ethylurea	1 (0.454)
Carbamide, N-methyl-N-nitroso	N-Nitroso-N-methylurea	1 (0.454)
Carbamide, thio	Thiourea	10 (4.54)
Carbamidoselenoic acid	Selenourea	1000 (454)
Carbamoyl chloride, dimethyl	Dimethylcarbamoyl chloride	1 (0.454)
Carbaryl		100 (45.4)
Carbofuran		10 (4.54)
Carbon bisulfide	Carbon disulfide	100 (45.4)
Carbon disulfide	Carbon bisulfide	100 (45.4)
Carbonic acid, dithallium (I) salt	Thallium(I) carbonate	100 (45.4)
Carbonochloridic acid, methyl ester	Methyl chlorocarbonate Methyl chloroformate @	1000 (454)
Carbon oxyfluoride	Carbonyl fluoride	1000 (454)
Carbon tetrachloride	Methane, tetrachloro	10 (4.54)
Carbonyl chloride	Phosgene	10 (4.54)
Carbonyl fluoride	Carbon oxyfluoride	1000 (454)
Chloral	Acetaldehyde, trichloro	5000 (2270)
Chlorambucil	Butanoic acid, 4-[bis(2-chloroethyl)amino]benzene	10 (4.54)
Chlordane	Chlordane, technical 4,7-Methanoindan, 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro	1 (0.454)
Chlordane, technical	Chlordane 4,7-Methanoindan, 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro	1 (0.454)
Chlorine		10 (4.54)
Chlorine cyanide	Cyanogen chloride	10 (4.54)
Chloronaphazine	2-Naphthylamine, N,N-bis(2-chloroethyl)-	100 (45.4)
Chloroacetaldehyde	Acetaldehyde, chloro	1000 (454)
p-Chloroaniline	Benzenamine, 4-chloro	1000 (454)
Chlorobenzene	Benzene, chloro	100 (45.4)
4-Chloro-m-cresol	p-Chloro-m-cresol	5000 (2270)
p-Chloro-m-cresol	Phenol, 4-chloro-3-methyl- Phenol, 4-chloro-3-methyl- 4-Chloro-m-cresol	5000 (2270)
Chlorodibromomethane		100 (45.4)
1-Chloro-2,3-epoxypropane	Epichlorohydrin Oxirane, 2-(chloromethyl)-	100 (45.4)
Chloroethane	Ethyl chloride @	100 (45.4)
2-Chloroethyl vinyl ether	Ethene, 2-chloroethoxy-	1000 (454)
Chloroform	Methane, trichloro	10 (4.54)

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

Hazardous Substance	Synonyms	Reportable Quantity (RQ) Pounds (kilograms)
Chloromethane	Methane, chloro- Methyl chloride *	1 (0.454)
Chloromethyl methyl ether	Methane, chloromethoxy- Methylchloromethyl ether @	1 (0.454)
beta-Chloronaphthalene	Naphthalene, 2-chloro- 2-Chloronaphthalene	5000 (2270)
2-Chloronaphthalene	beta-Chloronaphthalene	5000 (2270)
2-Chlorophenol	Naphthalene, 2-chloro- o-Chlorophenol	100 (45.4)
o-Chlorophenol	Phenol, 2-chloro- Phenol, 2-chloro- 2-Chlorophenol	100 (45.4)
4-Chlorophenyl phenyl ether		5000 (2270)
1-(o-Chlorophenyl)thiourea	Thiourea, (2-chlorophenyl)-	100 (45.4)
3-Chloropropionitrile	Propanenitrile, 3-chloro-	1000 (454)
Chlorosulfonic acid *		1000 (454)
4-Chloro-o-toluidine, hydrochloride	Benzenamine, 4-chloro-2-methyl-, hydrochloride	100 (45.4)
Chlorpyrifos *		1 (0.454)
Chromic acetate		1000 (454)
Chromic acid *		10 (45.4)
Chromic acid, calcium salt	Calcium chromate	10 (45.4)
Chromic sulfate		1000 (454)
Chromium *		5000 (2270)
Chromous chloride		1000 (454)
Chrysene	1,2-Benzphenanthrene	100 (45.4)
Cobaltous bromide		1000 (454)
Cobaltous formate		1000 (454)
Cobaltous sulfamate		1000 (454)
Coke Oven Emissions		1 (0.454)
Copper *		5000 (2270)
Copper cyanide *		10 (45.4)
Coumaphos *		10 (45.4)
Cresole		1 (0.454)
Cresols *	Cresylic acid	1000 (454)
m-Cresols	m-Cresylic acid	
o-Cresols	o-Cresylic acid	
p-Cresols	p-Cresylic acid	
Cresylic acid	Cresols *	1000 (454)
m-Cresols	m-Cresylic acid	
o-Cresols	o-Cresylic acid	
p-Cresols	p-Cresylic acid	
Crotonaldehyde *	2-Butenal	100 (45.4)
Cumene	Benzene, 1-methylethyl-	5000 (2270)
Cumene hydroperoxide @	alpha, alpha-Dimethylbenzylhydroperoxide Hydroperoxide, 1-methyl-1-phenylethyl-	10 (45.4)
Cupric acetate		100 (45.4)
Cupric acetoarsenite *		1 (0.454)
Cupric chloride *		10 (45.4)
Cupric nitrate *		100 (45.4)
Cupric oxalate		100 (45.4)
Cupric sulfate		10 (45.4)
Cupric sulfate ammoniated		100 (45.4)
Cupric tartrate		100 (45.4)
Cyanides (soluble cyanide salts), not elsewhere specified *		10 (45.4)
Cyanogen *		100 (45.4)
Cyanogen bromide *	Bromine cyanide	1000 (454)
Cyanogen chloride *	Chlorine cyanide	10 (45.4)
1,4-Cyclohexadienedione	p-Benzoquinone	10 (45.4)
Cyclohexane *	Benzene, hexahydro-	1000 (454)
Cyclohexanone		5000 (2270)
1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	Hexachlorocyclopentadiene *	10 (45.4)
Cyclophosphamide	2H-1,3,2-Oxazaphosphorine, 2-[bis(2-chloroethyl)amino] tetrahydro-2-oxide	10 (45.4)
2,4-D Acid	2,4-D *, salts and esters	100 (45.4)
2,4-D Esters	2,4-Dichlorophenoxyacetic acid *, salts and esters	100 (45.4)
2,4-D *, salts and esters	2,4-D Acid	100 (45.4)
Daunomycin	2,4-Dichlorophenoxyacetic acid *, salts and esters 5,12-Naphthacenedione, (8S-cis)-8-acetyl-10-[3-amino-2,3,6-trideoxy-alpha-L-xylo-hexopyranosyl]oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-	10 (45.4)
DDD	Dichlorodiphenyl dichloroethane	1 (0.454)
4,4'-DDD	TDE *	
	4,4'-DDD	
	DDD	1 (0.454)
	Dichlorodiphenyl dichloroethane	
	TDE *	

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

Hazardous Substance	Synonyms	Reportable Quantity (RQ) Pounds (Kilograms)
DDE.....	4,4'-DDE.....	1 (0.454)
4,4'-DDE.....	DDE.....	1 (0.454)
DDT.....	Dichlorodiphenyl trichloroethane *	1 (0.454)
	4,4'-DDT.....	
4,4'-DDT.....	DDT.....	1 (0.454)
	Dichlorodiphenyl trichloroethane *	
Decachlorooctahydro-1,3,4-metheno-2H-cyclobuta[c,d]-pentalen-2-one.....	Kepone *	1 (0.454)
Diallate.....	S-(2,3-Dichloroallyl) diisopropylthiocarbamate.....	100 (45.4)
Diamine.....	Hydrazine *	1 (0.454)
Diaminotoluene.....	Toluenediamine *	10 (4.54)
Diazinon.....		1 (0.454)
Dibenz[a,h]anthracene.....	Dibenz[a,h]anthracene.....	1 (0.454)
	1,2,5,6-Dibenzanthracene.....	
1,2,5,6-Dibenzanthracene.....	Dibenz[a,h]anthracene.....	1 (0.454)
Dibenzo[a,h]anthracene.....	Dibenzo[a,h]anthracene.....	1 (0.454)
	1,2,5,6-Dibenzanthracene.....	
1,2,7,8-Dibenzopyrene.....	Dibenz[a,l]pyrene.....	10 (4.54)
Dibenz[a,l]pyrene.....	1,2,7,8-Dibenzopyrene.....	10 (4.54)
1,2-Dibromo-3-chloropropane.....	Propane, 1,2-dibromo-3-chloro.....	1 (0.454)
Dibutyl phthalate.....	Di-n-butyl phthalate.....	10 (4.54)
	n-Butyl phthalate *	
Di-n-butyl phthalate.....	1,2-Benzenedicarboxylic acid, dibutyl ester.....	10 (4.54)
	Dibutyl phthalate.....	
	n-Butyl phthalate *	
	1,2-Benzenedicarboxylic acid, dibutyl ester.....	
Dicamba.....		1000 (454)
Dichlobenil.....		100 (45.4)
Dichloro.....		1 (0.454)
S-(2,3-Dichloroallyl) diisopropylthiocarbamate.....	Diallate.....	100 (45.4)
3,5-Dichloro-N-(1,1-dimethyl-2-propynyl)benzamide.....	Pronamide.....	5000 (2270)
Dichlorobenzene (mixed).....		100 (45.4)
1,2-Dichlorobenzene.....	Benzene, 1,2-dichloro.....	100 (45.4)
	o-Dichlorobenzene *	
1,3-Dichlorobenzene.....	Benzene, 1,3-dichloro.....	100 (45.4)
	m-Dichlorobenzene.....	
1,4-Dichlorobenzene.....	Benzene, 1,4-dichloro.....	100 (45.4)
	p-Dichlorobenzene *	
m-Dichlorobenzene.....	Benzene, 1,3-dichloro.....	100 (45.4)
	1,3-Dichlorobenzene.....	
o-Dichlorobenzene *	Benzene, 1,2-dichloro.....	100 (45.4)
	1,2-Dichlorobenzene.....	
p-Dichlorobenzene *	Benzene, 1,4-dichloro.....	100 (45.4)
	1,4-Dichlorobenzene.....	
3,3'-Dichlorobenzidine.....	(1,1'-Biphenyl)-4,4'-diamine,3,3'-dichloro.....	1 (0.454)
Dichlorobromomethane.....		5000 (2270)
1,4-Dichloro-2-butene.....	2-Butene, 1,4-dichloro.....	1 (0.454)
Dichlorodifluoromethane *	Methane, dichlorodifluoro.....	5000 (2270)
Dichlorodiphenyl dichloroethane.....	DDD.....	1 (0.454)
	TDE.....	
	4,4'-DDD.....	
Dichlorodiphenyl trichloroethane *	DDT.....	1 (0.454)
	4,4'-DDT.....	
1,1-Dichloroethane.....	Ethane, 1,1-dichloro.....	1000 (454)
	Ethylidene dichloride.....	
1,2-Dichloroethane.....	Ethane, 1,2-dichloro.....	100 (45.4)
	Ethylene dichloride *	
1,1-Dichloroethylene.....	Ethene, 1,1-dichloro.....	100 (45.4)
	Vinylidene chloride *	
1,2-trans-Dichloroethylene.....	Ethene, trans-1,2-dichloro.....	1000 (454)
Dichloroethyl ether.....	Bis (2-chloroethyl) ether.....	10 (4.54)
	Ethane, 1,1'-oxybis(2-chloro.....	
2,4-Dichlorophenol.....	Phenol, 2,4-dichloro.....	100 (45.4)
2,6-Dichlorophenol.....	Phenol, 2,6-dichloro.....	100 (45.4)
2,4-Dichlorophenoxyacetic acid *, salts and esters.....	2,4-D Acid.....	100 (45.4)
	2,4-D *, salts and esters.....	
Dichlorophenylarsine.....	Phenyl dichloroarsine *	1 (0.454)
Dichloropropane *		1000 (454)
	1,1-Dichloropropane.....	
	1,3-Dichloropropane.....	
1,2-Dichloropropane.....	Propylene dichloride *	1000 (454)
Dichloropropane - Dichloropropene (mixture).....		100 (45.4)
Dichloropropene(s) *		100 (45.4)
	2,3-Dichloropropene (isomer).....	
1,3-Dichloropropene.....	Propene, 1,3-dichloro.....	100 (45.4)
2,2-Dichloropropionic acid *		5000 (2270)
Dichlorvos *		10 (4.54)

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES--Continued

Hazardous Substance	Synonyms	Reportable Quantity (RQ) Pounds (Kilograms)
Dicofol		10 (4.54)
Dieidrin *	1,2,3,4,10,10-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro- endo,exo-1,4,5,8-dimethanonaphthalene.	1 (0.454)
1,2,3,4-Diepoxybutane	2,2'-Bioxirane	10 (4.54)
Diethylamine *		100 (45.4)
Diethylarsine	Arsine, diethyl-	1 (0.454)
1,4-Diethylene dioxide	1,4-Dioxane	100 (45.4)
O,O-Diethyl S-[2-(ethylthio)ethyl] phosphorodithioate	Disulfoton *	1 (0.454)
N,N'-Diethylhydrazine	Hydrazine, 1,2-diethyl-	10 (4.54)
O,O-Diethyl S-methyl dithiophosphate	Phosphorodithioic acid, O,O-diethylS-methyl ester	5000 (2270)
Diethyl-p-nitrophenyl phosphate	Phosphoric acid, diethyl p-nitrophenyl ester	100 (45.4)
Diethyl phthalate	1,2-Benzenedicarboxylic acid, diethyl ester	1000 (454)
O,O-Diethyl O-pyrazinyl phosphorothioate	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester	100 (45.4)
Diethylstilbestrol	4,4'-Stilbenediol, alpha, alpha'-diethyl-	1 (0.454)
1,2-Dihydro-3,6-pyridazinedione	Maleic hydrazide	5000 (2270)
Dihydrosafrole	Benzene, 1,2-methylenedioxy-4-propyl-	10 (4.54)
Diisopropyl fluorophosphate	Phosphorofluoric acid, bis(1-methylethyl) ester	100 (45.4)
Dimethoate	Phosphorodithioic acid, O,O-dimethyl S-[2(methylamino)-2-oxoethyl] ester.	10 (4.54)
3,3'-Dimethoxybenzidine	(1,1'-Biphenyl)-4,4'-diamine,3,3'-dimethoxy-	10 (4.54)
Dimethylamine *	Methanamine, N-methyl-	1000 (454)
Dimethylaminocazobenzene	Benzenamine, N,N-dimethyl-4-phenylazo-	10 (4.54)
7,12-Dimethylbenz[a]anthracene	1,2-Benzanthracene, 7,12-dimethyl-	1 (0.454)
3,3'-Dimethylbenzidine	(1,1'-Biphenyl)-4,4'-diamine,3,3'-dimethyl-	10 (4.54)
alpha, alpha-Dimethylbenzylhydroperoxide	Hydroperoxide, 1-methyl-1-phenylethyl-	10 (4.54)
3,3-Dimethyl-1-(methylthio)-2-butanone, O-[(methylamino)carbonyl] osime.	Cumene hydroperoxide @ Thiofanox	100 (45.4)
Dimethylcarbamoyl chloride	Carbamoyl chloride, dimethyl-	1 (0.454)
1,1-Dimethylhydrazine	Dimethylhydrazine, unsymmetrical @	10 (4.54)
1,2-Dimethylhydrazine	Hydrazine, 1,1-dimethyl-	
Dimethylhydrazine, unsymmetrical @	Hydrazine, 1,2-dimethyl-	1 (0.454)
O,O-Dimethyl O-p nitrophenyl phosphorothioate	1,1-Dimethylhydrazine	10 (4.54)
Dimethylnitrosamine	Hydrazine, 1,1-dimethyl-	
alpha, alpha-Dimethylphenethylamine	Methyl parathion *	100 (45.4)
2,4-Dimethylphenol	(-Nitrosodimethylamine	10 (4.54)
Dimethyl phthalate	Ethanamine, 1,1-dimethyl-2-phenyl-	5000 (2270)
Dimethyl sulfate *	Phenol, 2,4-dimethyl-	100 (45.4)
Dinitrobenzene * (mixed)	1,2-Benzenedicarboxylic acid, dimethyl ester	5000 (2270)
m-Dinitrobenzene	Sulfonic acid, dimethyl ester	10 (4.54)
o-Dinitrobenzene		100 (45.4)
p-Dinitrobenzene		
4,6-Dinitro-c-cresol and salts	Phenol, 2,4-dinitro-6-methyl-, and salts	10 (4.54)
4,6-Dinitro-o-cyclohexylphenol	Phenol, 2-cyclohexyl-4,6-dinitro-	100 (45.4)
Dinitrophenol		10 (4.54)
2,5-Dinitrophenol		
2,6-Dinitrophenol		
2,4-Dinitrophenol	Phenol, 2,4-dinitro-	10 (4.54)
Dinitrotoluene		10 (4.54)
3,4-Dinitrotoluene		
2,4-Dinitrotoluene	Benzene, 1-methyl-2,4-dinitro-	10 (4.54)
2,6-Dinitrotoluene	Benzene, 1-methyl-2,6-dinitro-	100 (45.4)
Dinosob	Phenol, 2,4-dinitro-6-(1-methylpropyl)-	1000 (454)
Di-n-octyl phthalate	1,2-Benzenedicarboxylic acid, di-n-octyl ester	5000 (2270)
1,4-Dioxane	1,4-Diethylene dioxide	100 (45.4)
1,2-Diphenylhydrazine	Hydrazine, 1,2-diphenyl-	10 (4.54)
Diphosphoramide, octamethyl-	Octamethylpyrophosphoramide	100 (45.4)
Dipropylamine	1-Propanamine, N-propyl-	5000 (2270)
Di-n-propylnitrosamine	N-Nitrosodi-n-propylamine	10 (4.54)
Diquat		1000 (454)
Disulfoton *	O,O-Diethyl S-[2-(ethylthio)ethyl]phosphorodithioate	1 (0.454)
2,4-Dinitrochlorobenzene	Thiomidodicarbonic diamide	100 (45.4)
Dithiopyrophosphoric acid, tetraethyl ester	Tetraethylthiopyrophosphate	100 (45.4)
Duron		100 (45.4)
Dodecylbenzenesulfonic acid *		1000 (454)
Endosulfan *	5-Norbornene-2,3-dimethanol,1,4,5,6,7,7-hexachloro,cyclic sulfite	1 (0.454)
alpha - Endosulfan		1 (0.454)
beta - Endosulfan		1 (0.454)
Endosulfan sulfate		1 (0.454)
Endothall		1 (0.454)
Endrin *	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid 1,2,3,4,10,10-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro- endo,endo-1,4,5,8-dimethanonaphthalene.	1000 (454)
Endrin aldehyde		1 (0.454)
Epichlorohydrin *	1-Chloro-2,3-epoxypropane	100 (45.4)
	Oxirane, 2-(chloromethyl)-	

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

Hazardous Substance	Synonyms	Reportable Quantity (RQ) Pounds (Kilograms)
Epinephrine	1,2-Benzenediol, 4-[1-hydroxy-2-(methylamino)ethyl]	1000 (454)
Ethanal	Acetaldehyde *	1000 (454)
Ethanamine, 1,1-dimethyl-2-phenyl-	alpha, alpha-Dimethylphenethylamine	5000 (2270)
Ethanamine, N-ethyl-N-nitroso-	N-Nitrosodiethylamine	1 (0.454)
Ethane, 1,2-dibromo-	Ethylene dibromide *	1 (0.454)
Ethane, 1,1-dichloro-	Ethylidene dichloride	1000 (454)
	1,1-Dichloroethane	
Ethane, 1,2-dichloro-	Ethylene dichloride *	100 (45.4)
	1,2-Dichloroethane	
Ethane, 1,1,1,2,2,2-hexachloro-	Hexachloroethane *	100 (45.4)
Ethane, 1,1'-[methylenebis(oxy)]bis(2-chloro-	Bis(2-chloroethoxy)methane	1000 (454)
Ethane, 1,1'-oxybis-	Ethyl ether *	100 (45.4)
Ethane, 1,1'-oxybis(2-chloro-	Bis (2-chloroethyl) ether	10 (4.54)
	Dichloroethyl ether	
Ethane, pentachloro-	Pentachloroethane	10 (4.54)
Ethane, 1,1,1,2-tetrachloro-	1,1,1,2-Tetrachloroethane	100 (45.4)
Ethane, 1,1,2,2-tetrachloro-	1,1,2,2-Tetrachloroethane	100 (45.4)
Ethane, 1,1,2-trichloro-	1,1,2-Trichloroethane	100 (45.4)
Ethane, 1,1,1-trichloro-2,2-bis(p-methoxyphenyl)-	Methoxychlor	1 (0.454)
1,2-Ethanediylbiscarbamodithioic acid	Ethylenebis(dithiocarbamic acid)	5000 (2270)
Ethanenitrile	Acetonitrile *	5000 (2270)
Ethanethioamide	Thioacetamide	10 (4.54)
Ethanol, 2,2'-(nitrosolmino)bis-	N-Nitrosodiethanolamine	1 (0.454)
Ethanone, 1-phenyl-	Acetophenone	5000 (2270)
Ethancyl chloride	Acetyl chloride *	5000 (2270)
Ethanamine, N-methyl-N-nitroso-	N-Nitrosomethylvinylamine	10 (4.54)
Ethene, chloro-	Vinyl chloride *	1 (0.454)
Ethene, 2-chloroethoxy-	2-Chloroethyl vinyl ether	1000 (454)
Ethene, 1,1-dichloro-	Vinylidene chloride *	100 (45.4)
	1,1-Dichloroethylene	
Ethene, 1,1,2-tetrachloro-	Perchloroethylene	100 (45.4)
	Tetrachloroethene	
	Tetrachloroethylene	
Ethene, trans-1,2-dichloro-	1,2-trans-Dichloroethylene	1000 (454)
Ethion *		10 (4.54)
2-Ethoxyethanol	Ethylene glycol monoethyl ether *	1000 (454)
Ethyl acetate	Acetic acid, ethyl ester	5000 (2270)
Ethyl acrylate *	2-Propenoic acid, ethyl ester	1000 (454)
Ethylbenzene *		1000 (454)
Ethyl carbamate (Urethan)	Carbamic acid, ethyl ester	100 (45.4)
Ethyl chloride @	Chloroethane	100 (45.4)
Ethyl cyanide	Propanenitrile	10 (4.54)
Ethyl 4,4'-dichlorobenzilate	Benzeneacetic acid, 4-chloro-alpha-(4-chlorophenyl)-alpha-hydroxy-, ethyl ester	10 (4.54)
Ethylene dibromide *	Ethane, 1,2-dibromo-	1 (0.454)
Ethylene dichloride *	1,2-Dichloroethane	100 (45.4)
	Ethane, 1,2-dichloro-	
Ethylene glycol monoethyl ether *	2-Ethoxyethanol	1000 (454)
Ethylene oxide *	Oxirane	10 (4.54)
Ethylenebis(dithiocarbamic acid)	1,2-Ethanediylbiscarbamodithioic acid	5000 (2270)
Ethylenediamine *		5000 (2270)
Ethylenediamine tetraacetic acid (EDTA)		10 (4.54)
Ethylenethiourea	2-Imidazolidinethione	1 (0.454)
Ethylenimine	Azidine	1 (0.454)
Ethyl ether *	Ethane, 1,1'-oxybis-	100 (45.4)
Ethylidene dichloride	Ethane, 1,1-dichloro-	1000 (454)
	1,1-Dichloroethane	
Ethyl methacrylate	2-Propenoic acid, 2-methyl-, ethyl ester	1000 (454)
Ethyl methanesulfonate	Methanesulfonic acid, ethyl ester	1 (0.454)
Ethyl methyl ketone @	2-Butanone	5000 (2270)
	Methyl ethyl ketone *	
Farnphur	Phosphorothioic acid, O,O-dimethyl O-[p-[(dimethylamino)-sulfonyl] phenyl] ester	1000 (454)
Ferric ammonium citrate		1000 (454)
Ferric ammonium oxalate		1000 (454)
Ferric chloride		100 (45.4)
Ferric fluoride		1000 (454)
Ferric nitrate *		1000 (454)
Ferric sulfate		1000 (454)
Ferrous ammonium sulfate		100 (45.4)
Ferrous chloride *		1000 (454)
Ferrous sulfate		100 (45.4)
Fluoranthene	Benzo[<i>a</i> , <i>k</i>]fluorene	5000 (2270)
Fluorene		10 (4.54)
Fluorine *		100 (45.4)
Fluoroacetamide	Acetamide, 2-fluoro-	10 (4.54)
Fluoroacetic acid, sodium salt	Acetic acid, fluoro-, sodium salt	

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

Hazardous Substance	Synonyms	Reportable Quantity (RQ) Pounds (Kilograms)
Formaldehyde *	Methylene oxide	10 (4.54)
Formic acid *	Methanoic acid	5000 (2270)
Fulminic acid, mercury(II) salt	Mercury fulminate	10 (4.54)
Fumic acid		5000 (2270)
Furan *	Furfuran	100 (45.4)
Furan, tetrahydro	Tetrahydrofuran *	1000 (454)
2-Furancarboxaldehyde	Furfural *	5000 (2270)
2,5-Furandione	Maleic anhydride *	5000 (2270)
Furfural *	2-Furancarboxaldehyde	5000 (2270)
Furfuran	Furan *	100 (45.4)
D-Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-	Streptozotocin	1 (0.454)
Glycidialdehyde	1-Propanal, 2,3-epoxy	10 (4.54)
Guanidine, N-nitroso-N-methyl-N'-nitro	N-Methyl-N'-nitro-N-nitrosoguanidine	10 (4.54)
Guthion *	Azinphos methyl @	1 (0.454)
Heptachlor	4,7-Methano-1H-indene, 1,4,5,6,7,8-heptachloro-3a,4,7,7a-tetrahydro-	1 (0.454)
Heptachlor epoxide		1 (0.454)
Hexachlorobenzene	Benzene, hexachloro	10 (4.54)
Hexachlorobutadiene *	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-	1 (0.454)
Hexachlorocyclohexane (gamma isomer)	gamma - BHC	1 (0.454)
	Lindane *	1 (0.454)
Hexachlorocyclopentadiene *	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	10 (4.54)
1,2,3,4,10,10-Hexachloro-6,7-epoxy-1,4,4a,5,5,7,8,8a-octahydro-endo,endo-1,4,5,8-dimethanonaphthalene	Endrin *	1 (0.454)
1,2,3,4,10,10-Hexachloro-6,7-epoxy-1,4,4a,5,5,6,7,8,8a-octahydro-endo,exo-1,4,5,8-dimethanonaphthalene	Dieldrin *	1 (0.454)
Hexachloroethane *	Ethane, 1,1,1,2,2,2-hexachloro-	100 (45.4)
Hexachlorohexahydro-endo,endo-dimethanonaphthalene	1,2,3,4,10,10-Hexachloro-1,4,4a,5,8,8a-hexahydro-1,4,5,8-endo,endo-dimethanonaphthalene	1 (0.454)
1,2,3,4,10,10-Hexachloro-1,4,4a,5,8,8a-hexahydro-1,4,5,8-endo,endo-dimethanonaphthalene	Hexachlorohexahydro-endo,endo-dimethanonaphthalene	1 (0.454)
1,2,3,4,10-10-Hexachloro-1,4,4a,5,8,8a-hexahydro-1,4,5,8-endo,exo-dimethanonaphthalene	Aldrin *	1 (0.454)
Hexachlorophene	2,2'-Methylenebis(3,4,6-trichlorophenol)	100 (45.4)
Hexachloropropene	1-Propene, 1,1,2,3,3,3-hexachloro-	1000 (454)
Hexaethyl tetraphosphate *	Tetraphosphoric acid, hexaethyl ester	100 (45.4)
Hydrazine *	Diamine	1 (0.454)
Hydrazine, 1,2-diethyl	N,N'-Diethylhydrazine	10 (4.54)
Hydrazine, 1,1-dimethyl	1,1-Dimethylhydrazine	10 (4.54)
	Dimethylhydrazine, unsymmetrical @	
Hydrazine, 1,2-dimethyl	1,2-Dimethylhydrazine	1 (0.454)
Hydrazine, 1,2-diphenyl	1,2-Diphenylhydrazine	10 (4.54)
Hydrazine, methyl	Methyl hydrazine *	10 (4.54)
Hydrazinecarbothioamide	Thiosemicarbazide	100 (45.4)
Hydrochloric acid *		5000 (2270)
Hydrocyanic acid *	Hydrogen cyanide	10 (4.54)
Hydrofluoric acid *	Hydrogen fluoride *	100 (45.4)
Hydrogen cyanide	Hydrocyanic acid *	10 (4.54)
Hydrogen fluoride *	Hydrofluoric acid *	100 (45.4)
Hydrogen phosphide	Phosphine *	100 (45.4)
Hydrogen sulfide *	Hydrosulfuric acid	100 (45.4)
	Sulfur hydride	
Hydroperoxide, 1-methyl-1-phenylethyl	alpha, alpha-Dimethylbenzylhydroperoxide	10 (4.54)
	Cumene hydroperoxide @	
Hydrosulfuric acid	Hydrogen sulfide *	100 (45.4)
	Sulfur hydride	
Hydroxydimethylarsine oxide	Cacodylic acid	1 (0.454)
2-Imidazolidinethione	Ethylenethiourea	10 (4.54)
Indeno(1,2,3-cd)pyrene	1,10-(1,2-Phenylene)pyrene	100 (45.4)
Isobutyl alcohol	1-Propanol, 2-methyl	5000 (2270)
Isocyanic acid methyl ester	Methyl isocyanate *	1 (0.454)
Isophorone		5000 (2270)
Isoprene *		100 (45.4)
Isopropanolamine dodecylbenzene sulfonate		1000 (454)
Isosafrole	Benzene, 1,2-methylenedioxy-4-propenyl	100 (45.4)
3(2H)-isoxazolone, 5-(aminomethyl)	5-(Aminomethyl)-3-isoxazolid	1000 (454)
Kapone	Decachlorooctahydro-1,3,4-methano-2H-cyclobuta[c,d]-pentalen-2-one	1 (0.454)
Lasiocarpine		10 (4.54)
Lead *		1 (0.454)
Lead acetate	Acetic acid, lead salt	5000 (2270)
Lead arsenate *		1 (0.454)
Lead chloride *		100 (45.4)
Lead fluoroborate *		100 (45.4)
Lead fluoride *		100 (45.4)
Lead iodide		100 (45.4)
Lead nitrate *		100 (45.4)
Lead phosphate	Phosphoric acid, lead salt	1 (0.454)
Lead stearate		5000 (2270)

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

Hazardous Substance	Synonyms	Reportable Quantity (RQ) Pounds (Kilograms)
Lead subacetate		100 (45.4)
Lead sulfate *		100 (45.4)
Lead sulfide		5000 (2270)
Lead thiocyanate		100 (45.4)
Lindane *	gamma - BHC Hexachlorocyclohexane (gamma isomer)	1 (0.454)
Lithium chromate		10 (4.54)
Malathion *		100 (45.4)
Maleic acid *		5000 (2270)
Maleic anhydride *	2,5-Furandione	5000 (2270)
Maleic hydrazide	1,2-Dihydro-3,6-pyridazinedione	5000 (2270)
Malononitrile	Propanedinitrile	1000 (454)
Melphalan	Alanine, 3-[p-bis(2-chloroethyl)amino]phenyl-, L-	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 *		1 (0.454)
Mercury *		100 (45.4)
Mercury, (acetato-O)phenyl-	Phenylmercuric acetate	10 (4.54)
Mercury fulminate	Fulminic acid, mercury(II)salt	1000 (454)
Methacrylonitrile	2-Propenenitrile, 2-methyl-	1000 (454)
Methanamine, N-methyl-	Dimethylamine *	1000 (454)
Methane, bromo-	Methyl bromide *	100 (45.4)
Methane, chloro-	Chloromethane	
Methane, chloromethoxy-	Methyl chloride *	1 (0.454)
Methane, dibromo-	Chloromethyl methyl ether	
Methane, dichloro-	Methylchloromethyl ether @	1000 (454)
Methane, dichlorodifluoro-	Methylene bromide	1000 (454)
Methane, iodo-	Methylene chloride *	5000 (2270)
Methane, oxybis(chloro-	Dichlorodifluoromethane *	100 (45.4)
Methane, tetrachloro-	Methyl iodide	1 (0.454)
Methane, tetranitro-	Bis(chloromethyl) ether	10 (4.54)
Methane, tribromo-	Carbon tetrachloride *	10 (4.54)
Methane, trichloro-	Tetranitromethane *	100 (45.4)
Methane, trichlorofluoro-	Bromoform	10 (4.54)
Methanesulfonyl chloride, trichloro-	Chloroform *	5000 (2270)
Methanesulfonic acid, ethyl ester	Trichloromonofluoromethane	100 (45.4)
Methanethiol	Perchloromethyl mercaptan @	
Methanoic acid	Trichloromethanesulfonyl chloride	1 (0.454)
4,7-Methanocindan, 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-	Ethyl methanesulfonate	100 (45.4)
4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-a,4,7,7a-tetrahydro-	Methyl mercaptan *	
Methanol *	Thiomethanol	5000 (2270)
Methapyrene	Formic acid *	1 (0.454)
Methomyl	Chlordane *	
Methoxychlor	Chlordane, technical *	1 (0.454)
Methyl alcohol *	Heptachlor	5000 (2270)
Methylamine @	Methyl alcohol *	5000 (2270)
2-Methylaziridine	Pyridine, 2-[(2-(dimethylamino)ethyl)-2-thenylamino]-	100 (45.4)
Methyl bromide *	Acetimidic acid, N-[(methylcarbamoyl)oxy]thio-, methyl ester	1 (0.454)
1-Methylbutadiene	Ethane, 1,1,1-trichloro-2,2-bis(p-methoxyphenyl)-	5000 (2270)
Methyl chloride *	Methanol *	100 (45.4)
Methyl chlorocarbonate *	Monomethylamine	1 (0.454)
Methyl chloroform *	1,2-Propylenimine	1000 (454)
Methyl chloroformate @	Methane, bromo-	100 (45.4)
Methylchloromethyl ether @	1,3-Pentadiene	100 (45.4)
3-Methylcholanthrene	Chloromethane	
4,4'-Methylenebis(2-chloroaniline)	Methane, chloro-	1000 (454)
2,2'-Methylenebis(3,4,6-trichlorophenol)	Carbonochloridic acid, methyl ester	
Methylene bromide	Methyl chloroformate @	1000 (454)
Methylene chloride *	1,1,1-Trichloroethane *	1000 (454)
Methylene oxide	Carbonochloridic acid, methyl ester	
Methyl ethyl ketone *	Methyl chlorocarbonate *	1 (0.454)
Methyl ethyl ketone peroxide *	Chloromethyl methyl ether	
Methyl hydrazone *	Methane, chloromethoxy-	10 (4.54)
Methyl iodide	Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-	10 (4.54)
	Benzenamine, 4,4'-methylenebis(2-chloro-	100 (45.4)
	Hexachlorophene	1000 (454)
	Methane, dibromo-	1000 (454)
	Methane, dichloro-	10 (4.54)
	Formaldehyde *	5000 (2270)
	2-Butanone	
	Ethyl methyl ketone @	10 (4.54)
	2-Butanone peroxide	10 (4.54)
	Hydrazine, methyl-	100 (45.4)
	Methane, iodo-	

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

Hazardous Substance	Synonyms	Reportable Quantity (RQ) Pounds (Kilograms)
Methyl isobutyl ketone	4-Methyl-2-pentanone	5000 (2270)
Methyl isocyanate *	Isocyanic acid, methyl ester	1 (0.454)
2-Methylacetonitrile	Acetone cyanohydrin *	10 (4.54)
	Propanenitrile, 2-hydroxy-2-methyl-	
Methyl mercaptan *	Methanethiol	100 (45.4)
	Thiomethanol	
Methyl methacrylate *	2-Propenoic acid, 2-methyl-, methyl ester	1000 (454)
N-Methyl N'-nitro-N-nitrosoguanidine	Guanidine, N-nitroso-N-methyl-N'-nitro-	10 (4.54)
Methyl parathion *	O,O-Dimethyl O-p-nitrophenyl phosphorothioate	100 (45.4)
4-Methyl-2-pentanone	Methyl isobutyl ketone	5000 (2270)
Methylthiourea	4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thio-	10 (4.54)
Mevinphos *		10 (4.54)
Mexacarbate *		1000 (454)
Mitomycin C	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-6a-methoxy-5-methyl-	10 (4.54)
Monocethylamine *		100 (45.4)
Monomethylamine	Methylamine @	100 (45.4)
Naled		10 (4.54)
5,12-Naphthacenedione, (8S-dis)-8-acetyl-10-[3-amino-2,3,6-trideoxy-alpha-L-xyco-hexopyranosyl] oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-	Daunomycin	10 (4.54)
Naphthalene *		100 (45.4)
Naphthalene, 2-chloro-	beta-Chloronaphthalene	5000 (2270)
1,4-Naphthalenedione	2-Chloronaphthalene	
2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethyl-(1,1'-biphenyl)-4,4'-diyl)-bis(azu)]bis(5-amino-4-hydroxy)-tetrasodium salt	1,4-Naphthoquinone	5000 (2270)
Naphthenic acid	Trypan blue	10 (4.54)
1,4-Naphthoquinone	1,4-Naphthalenedione	100 (45.4)
alpha-Naphthylamine	1-Naphthylamine	5000 (2270)
beta-Naphthylamine	2-Naphthylamine	100 (45.4)
1-Naphthylamine	alpha-Naphthylamine	1 (0.454)
2-Naphthylamine	beta-Naphthylamine	100 (45.4)
2-Naphthylamine, N,N-bis(2-chloroethyl)-	Chloromaphazine	1 (0.454)
alpha-Naphthylthiourea	Thiourea, 1-naphthalenyl-	100 (45.4)
Nickel *		100 (45.4)
Nickel ammonium sulfate		100 (45.4)
Nickel carbonyl *	Nickel tetracarbonyl	10 (4.54)
Nickel chloride		100 (45.4)
Nickel cyanide *	Nickel(II) cyanide	10 (4.54)
Nickel(II) cyanide	Nickel cyanide *	10 (4.54)
Nickel hydroxide		10 (4.54)
Nickel nitrate *		100 (45.4)
Nickel sulfate		100 (45.4)
Nickel tetracarbonyl	Nickel carbonyl *	10 (4.54)
Nicotine * and salts *	Pyridine, (S)-3-(1-methyl-2-pyrrolidinyl)-, and salts	100 (45.4)
Nitric acid *		1000 (454)
Nitric oxide *	Nitrogen(II) oxide	10 (4.54)
p-Nitroaniline *	Benzenamine, 4-nitro-	5000 (2270)
Nitrobenzene *	Benzene, nitro-	1000 (454)
Nitrogen dioxide *	Nitrogen(IV) oxide	10 (4.54)
	Nitrogen peroxide @	
	Nitrogen tetroxide @	
Nitrogen(II) oxide	Nitric oxide *	10 (4.54)
Nitrogen(IV) oxide	Nitrogen dioxide *	10 (4.54)
	Nitrogen peroxide @	
	Nitrogen tetroxide @	
Nitrogen peroxide @	Nitrogen dioxide *	10 (4.54)
	Nitrogen(IV) oxide	
	Nitrogen tetroxide @	
Nitrogen tetroxide @	Nitrogen dioxide *	10 (4.54)
	Nitrogen(IV) oxide	
	Nitrogen peroxide	
Nitroglycerine *	1,2,3-Propanetriol, trinitrate	10 (4.54)
Nitrophenol (mixed)		100 (45.4)
m-		
o-	2-Nitrophenol	
p-	4-Nitrophenol	
	Phenol, 4-nitro-	
o-Nitrophenol	2-Nitrophenol	100 (45.4)
p-Nitrophenol	Phenol, 4-nitro-	100 (45.4)
	4-Nitrophenol	
2-Nitrophenol	o-Nitrophenol	100 (45.4)
4-Nitrophenol	p-Nitrophenol	100 (45.4)
	Phenol, 4-nitro-	
2-Nitropropane	Propane, 2-nitro-	10 (4.54)

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

Hazardous Substance	Synonyms	Reportable Quantity (RQ) Pounds (Kilograms)
N-Nitrosodi-n-butylamine	1-Butanamine, N-butyl-N-nitroso	10 (4.54)
N-Nitrosodiethanolamine	Ethanol, 2,2'-(nitrosoimino)bis	1 (0.454)
N-Nitrosodiethylamine	Ethanamine, N-ethyl-N-nitroso	1 (0.454)
N-Nitrosodimethylamine	Dimethylnitrosamine	10 (4.54)
N-Nitrosodiphenylamine	Di-n-propylnitrosamine	100 (45.4)
N-Nitrosodi-n-propylamine	Carbamide, N-ethyl-N-nitroso	10 (4.54)
N-Nitroso-N-ethylurea	Carbamide, N-methyl-N-nitroso	1 (0.454)
N-Nitroso-N-methylurea	Carbamic acid, methyl-N-nitroso, ethyl ester	1 (0.454)
N-Nitroso-N-methylurethane	Ethenamine, N-methyl-N-nitroso	10 (4.54)
N-Nitrosomethylvinylamine	Pyridine, hexahydro-N-nitroso	10 (4.54)
N-Nitrosopiperidine	Pyrrrole, tetrahydro-N-nitroso	1 (0.454)
N-Nitrosopyrrolidine		1000 (454)
Nitrotoluene		
m-Nitrotoluene		
o-Nitrotoluene		
p-Nitrotoluene		
5-Nitro-o-toluidine	Benzenamine, 2-methyl-5-nitro	100 (45.4)
5-Norbornene-2,3-dimethanol, 1,4,5,6,7,7-hexachloro, cyclic sulfite	Endosulfan *	1 (0.454)
Octamethylpyrophosphoramide	Diphosphoramide, octamethyl	100 (45.4)
Osmium oxide	Osmium tetroxide	1000 (454)
Osmium tetroxide	Osmium oxide	1000 (454)
7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid	Endothall	1000 (454)
1,2-Oxathiolane, 2,2-dioxide	1,3-Propane sulfone	10 (4.54)
2H-1,3,2-Oxazaphosphorine.2-[bis(2-chloroethyl) amino] tetrahydro-2-oxide	Cyclophosphamide	10 (4.54)
Oxirane	Ethylene oxide *	10 (4.54)
Oxirane, 2-(chloromethyl)-	Epichlorohydrin *	100 (45.4)
Paraformaldehyde *	1-Chloro-2,3-epoxypropane	1000 (454)
Paraldehyde *		1000 (454)
Parathion *	1,3,5-Trioxane, 2,4,6-trimethyl	10 (4.54)
Pentachlorobenzene	Phosphorothioic acid, O,O-diethyl O-(p-nitrophenyl)ester	10 (4.54)
Pentachloroethane	Benzene, pentachloro	10 (4.54)
Pentachloronitrobenzene	Ethane, pentachloro	100 (45.4)
Pentachlorophenol	Benzene, pentachloronitro	10 (4.54)
1,3-Pentadiene	Phenol, pentachloro	100 (45.4)
Perchloroethylene *	1-Methylbutadiene	100 (45.4)
	Ethene, 1,1,2,2-tetrachloro	
	Tetrachloroethene	
	Tetrachloroethylene *	
Perchloromethyl mercaptan @	Methanesulfonyl chloride, trichloro	100 (45.4)
	Trichloromethanesulfonyl chloride	
Phenacetin	Acetamide, N-(4-ethoxyphenyl)	5000 (2270)
Phenanthrene		
Phenol *	Benzene, hydroxy	1000 (454)
Phenol, 2-chloro	o-Chlorophenol	100 (45.4)
Phenol, 4-chloro-3-methyl	2-Chlorophenol	
	p-Chloro-m-cresol	5000 (2270)
	4-Chloro-m-cresol	
Phenol, 2-cyclohexyl-4,6-dinitro	4,6-Dinitro-o-cyclohexylphenol	100 (45.4)
Phenol, 2,4-dichloro	2,4-Dichlorophenol	100 (45.4)
Phenol, 2,6-dichloro	2,6-Dichlorophenol	100 (45.4)
Phenol, 2,4-dimethyl	2,4-Dimethylphenol	10 (4.54)
Phenol, 2,4-dinitro	2,4-Dinitrophenol	1000 (454)
Phenol, 2,4-dinitro-6-(1-methylpropyl)-	Dinoseb	10 (4.54)
Phenol, 2,4-dinitro-6-methyl-, and salts	4,6-Dinitro-o-cresol and salts	100 (45.4)
Phenol, 4-nitro	p-Nitrophenol *	
	4-Nitrophenol *	10 (4.54)
Phenol, pentachloro	Pentachlorophenol	10 (4.54)
Phenol, 2,3,4,6-tetrachloro	2,3,4,6-Tetrachlorophenol	10 (4.54)
Phenol, 2,4,5-trichloro	2,4,5-Trichlorophenol	10 (4.54)
Phenol, 2,4,6-trichloro	2,4,6-Trichlorophenol	10 (4.54)
Phenol, 2,4,6-trinitro, ammonium salt	Ammonium picrate *	1 (0.454)
Phenyl dichloroarsine *	Dichlorophenylarsine	100 (45.4)
1,10-(1,2-Phenylene)pyrene	Indeno(1,2,3-cd)pyrene	100 (45.4)
Phenyl mercaptan @	Benzenethiol	
	Thiophenol *	
Phenylmercuric acetate	Mercury, (acetato-O)phenyl	100 (45.4)
N-Phenylthiourea	Thiourea, phenyl	10 (4.54)
Phorate	Phosphorodithioic acid, O,O-diethyl S-(ethylthio), methyl ester	10 (4.54)
Phosgene *	Carbonyl chloride	100 (45.4)
Phosphine *	Hydrogen phosphide	5000 (2270)
Phosphoric acid *		100 (45.4)
Phosphoric acid, diethyl p-nitrophenyl ester	Diethyl-p-nitrophenyl phosphate	1 (0.454)
Phosphoric acid, lead salt	Lead phosphate	10 (4.54)
Phosphorodithioic acid, O,O-diethyl S-(ethylthio), methyl ester	Phorate	5000 (2270)
Phosphorodithioic acid, O,O-diethyl S-methyl ester	O,O-Diethyl S-methyl dithiophosphate	

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

Hazardous Substance	Synonyms	Reportable Quantity (RQ) Pounds (Kilograms)
Phosphorodithioic acid, O,O-dimethyl S-[2 (methylamino)-2-oxoethyl] ester.	Dimethoate.....	10 (4.54)
Phosphorofluoridic acid, bis(1-methylethyl) ester.....	Diisopropyl fluorophosphate.....	100 (45.4)
Phosphorothioic acid, O,O-diethyl O-(p-nitrophenyl) ester.....	Parathion *	10 (4.54)
Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester.....	O,O-Diethyl O-pyrazinyl phosphorothioate.....	100 (45.4)
Phosphorothioic acid, O,O-dimethyl O-[p-[(dimethylamino)-sulfonyl] phenyl] ester.	Famphur.....	1000 (454)
Phosphorus *		1 (0.454)
Phosphorus oxychloride *		1000 (454)
Phosphorus pentasulfide *	Phosphorus sulfide.....	100 (45.4)
	Sulfur phosphide.....	
Phosphorus sulfide.....	Phosphorus pentasulfide *	100 (45.4)
	Sulfur phosphide.....	
Phosphorus trichloride *		1000 (454)
Phthalic anhydride.....	1,2-Benzenedicarboxylic acid anhydride.....	5000 (2270)
2-Picoline.....	Pyridine, 2-methyl.....	5000 (2270)
Plumbane, tetraethyl.....	Tetraethyl lead *	10 (4.54)
POLYCHLORINATED BIPHENYLS (PCBs).	Aroclor 1016.....	1 (0.454)
	Aroclor 1221.....	
	Aroclor 1232.....	
	Aroclor 1242.....	
	Aroclor 1248.....	
	Aroclor 1254.....	
	Aroclor 1260.....	
Potassium arsenate *		1 (0.454)
Potassium arsenite *		1 (0.454)
Potassium bichromate.....	Potassium dichromate @.....	10 (4.54)
Potassium chromate.....		10 (4.54)
Potassium cyanide *		10 (4.54)
Potassium dichromate @.....	Potassium bichromate.....	10 (4.54)
Potassium hydroxide *		1000 (454)
Potassium permanganate *		100 (45.4)
Potassium silver cyanide.....		1 (0.454)
Propanamide.....	3,5-Dichloro-N-(1,1-dimethyl-2-propynyl)benzamide.....	5000 (2270)
1-Propanal, 2,3-epoxy.....	Glycidylaldehyde.....	10 (4.54)
Propanal, 2-methyl-2-(methylthio)-O-[(methylamino)carbonyl]oxime.....	Aldicarb.....	1 (0.454)
1-Propanamine.....	n-Propylamine *	5000 (2270)
1-Propanamine, N-propyl.....	Dipropylamine.....	5000 (2270)
Propane, 1,2-dibromo-3-chloro.....	1,2-Dibromo-3-chloropropane.....	1 (0.454)
Propane, 2-nitro.....	2-Nitropropane.....	10 (4.54)
Propane, 2,2'-oxybis(2-chloro.....	Bis(2-chloroisopropyl) ether.....	1000 (454)
1,3-Propane sultone.....	1,2-Oxathiolane, 2,2-dioxide.....	10 (4.54)
Propanedinitrile.....	Malononitrile.....	1000 (454)
Propanenitrile.....	Ethyl cyanide.....	10 (4.54)
Propanenitrile, 3-chloro.....	3-Chloropropionitrile.....	1000 (454)
Propanenitrile, 2-hydroxy-2-methyl.....	Acetone cyanohydrin *	10 (4.54)
	2-Methylactonitrile.....	
1,2,3-Propanetriol, trinitrate.....	Nitroglycerine *	10 (4.54)
1-Propanol, 2,3-dibromo-, phosphate (3:1).....	Tris(2,3-dibromopropyl)phosphate.....	10 (4.54)
1-Propanol, 2-methyl.....	Isobutyl alcohol.....	5000 (2270)
2-Propanone.....	Acetone *	5000 (2270)
2-Propanone, 1-bromo.....	Bromoacetone *	1000 (454)
Propargite.....		10 (4.54)
Propargyl alcohol *	2-Propyn-1-ol.....	1000 (454)
2-Propenal.....	Acrolein *	1 (0.454)
2-Propenamide.....	Acrylamide.....	5000 (2270)
Propene, 1,3-dichloro.....	1,3-Dichloropropene.....	100 (45.4)
1-Propene, 1,1,2,3,3,3-hexachloro.....	Hexachloropropene.....	1000 (454)
2-Propenenitrile.....	Acrylonitrile *	100 (45.4)
2-Propenenitrile, 2-methyl.....	Methacrylonitrile.....	1000 (454)
2-Propenoic acid.....	Acrylic acid *	5000 (2270)
2-Propenoic acid, ethyl ester.....	Ethyl acrylate *	1000 (454)
2-Propenoic acid, 2-methyl-, ethyl ester.....	Ethyl methacrylate.....	1000 (454)
2-Propenoic acid, 2-methyl-, methyl ester.....	Methyl methacrylate *	1000 (454)
2-Propen-1-ol.....	Allyl alcohol *	100 (45.4)
Propionic acid *		5000 (2270)
Propionic acid, 2-(2,4,5-trichlorophenoxy)-.....	Silvex.....	100 (45.4)
	2,4,5-TP @.....	
	2,4,5-TP acid.....	
Propionic anhydride.....		5000 (2270)
n-Propylamine *	1-Propanamine.....	5000 (2270)
Propylene dichloride *	1,2-Dichloropropane.....	1000 (454)
Propylene oxide *		100 (45.4)
1,2-Propylenimine *	2-Methylaziridine.....	1 (0.454)
2-Propyn-1-ol.....	Propargyl alcohol *	1000 (454)
Pyrene.....		5000 (2270)
Pyrethrins.....		1 (0.454)

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

Hazardous Substance	Synonyms	Reportable Quantity (RQ) Pounds (Kilograms)
4-Pyridamine.....	4-Aminopyridine.....	1000 (454)
Pyridine *.....		1000 (454)
Pyridine, 2-[2-(dimethylamino)ethyl]-2-phenylamino].....	Methapyriene.....	5000 (2270)
Pyridine, hexahydro-N-nitroso.....	N-Nitrosopiperidine.....	10 (4.54)
Pyridine, 2-methyl.....	2-Picoline.....	5000 (2270)
Pyridine, (S)-3-(1-methyl-2-pyrrolidinyl)-, and salts.....	Nicotine * and salts *.....	100 (45.4)
4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo.....	Methylthiouracil.....	10 (4.54)
Pyrophosphoric acid, tetraethyl ester.....	Tetraethyl pyrophosphate *.....	10 (4.54)
Pyrrrole, tetrahydro-N-nitroso.....	N-Nitrosopyrrolidine.....	1 (0.454)
Quinoline.....		5000 (2270)
RADIONUCLIDES.....		1 (0.454)
Reserpine.....	Yohimban-16-carboxylic acid, 11,17-dimethoxy-16-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester.....	5000 (2270)
Resorcinol.....	1,3-Benzenediol.....	5000 (2270)
Saccharin and salts.....	1,2-Benzisothiazolin-3-one, 1,1-dioxide, and salts.....	100 (45.4)
Safrole.....	Benzene, 1,2-methylenedioxy-4-allyl.....	100 (45.4)
Selenious acid.....		10 (4.54)
Selenium *.....	Selenium oxide *.....	100 (45.4)
Selenium dioxide.....	Sulfur selenide.....	10 (4.54)
Selenium disulfide.....	Selenium dioxide.....	10 (4.54)
Selenium oxide *.....	Carbamimidoselenic acid.....	1000 (454)
Selenourea.....	Azaserine.....	1 (0.454)
L-Serine, diazacetate (ester).....		1000 (454)
Silver *.....		1 (0.454)
Silver cyanide *.....		1 (0.454)
Silver nitrate *.....		1 (0.454)
Silvex.....	Propionic acid, 2-(2,4,5-trichlorophenoxy)-.....	100 (45.4)
	2,4,5-TP @.....	
	2,4,5-TP acid.....	
Sodium *.....		10 (4.54)
Sodium arsenate *.....		1 (0.454)
Sodium arsenite *.....		1 (0.454)
Sodium azide *.....		1000 (454)
Sodium bichromate.....	Sodium dichromate @.....	10 (4.54)
Sodium bifluoride *.....		100 (45.4)
Sodium bisulfite *.....		5000 (2270)
Sodium chromate.....		10 (4.54)
Sodium cyanide *.....		10 (4.54)
Sodium dichromate @.....	Sodium bichromate.....	10 (4.54)
Sodium dodecylbenzene sulfonate.....		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)
4,4'-Stilbenediol, alpha,alpha'-diethyl.....	Diethylstilbestrol.....	1 (0.454)
Streptozotocin.....	D-Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-.....	1 (0.454)
Strontium chromate.....		10 (4.54)
Strychnidin-10-one, 2,3-dimethoxy.....	Brucine.....	100 (45.4)
Strychnidin-10-one, and salts.....	Strychnine * and salts *.....	10 (4.54)
Strychnine * and salts *.....	Strychnidin-10-one, and salts.....	10 (4.54)
Styrene.....		1000 (454)
Sulfur hydride.....	Hydrogen sulfide *.....	100 (45.4)
	Hydrosulfuric acid.....	
Sulfur monochloride.....		1000 (454)
Sulfur phosphide.....	Phosphorus pentasulfide *.....	100 (45.4)
	Phosphorus sulfide.....	
Sulfur selenide.....	Selenium disulfide.....	10 (4.54)
Sulfuric acid *.....		1000 (454)
Sulfuric acid, dimethyl ester.....	Dimethyl sulfate *.....	10 (4.54)
Sulfuric acid, thallium(I) salt.....	Thallium(I) sulfate *.....	100 (45.4)
2,4,5-T *.....	2,4,5-T acid.....	1000 (454)
	2,4,5-Trichlorophenoxyacetic acid *.....	
2,4,5-T acid.....	2,4,5-T *.....	1000 (454)
	2,4,5-Trichlorophenoxyacetic acid *.....	
2,4,5-T amines.....		5000 (2270)
2,4,5-T esters.....		1000 (454)
2,4,5-T salts.....		1000 (454)
TDE *.....	DDD.....	1 (0.454)
	Dichlorodiphenyl dichloroethane.....	
1,2,4,5-Tetrachlorobenzene.....	4,4'-DDD.....	
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD).....	Benzene, 1,2,4,5-tetrachloro.....	5000 (2270)
		1 (0.454)

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

Hazardous Substance	Synonyms	Reportable Quantity (RQ) Pounds (Kilograms)
1,1,1,2-Tetrachloroethane.....	Ethane, 1,1,1,2-tetrachloro.....	100 (45.4)
1,1,2,2-Tetrachloroethane.....	Ethane, 1,1,2,2-tetrachloro.....	100 (45.4)
Tetrachloroethene.....	Ethane, 1,1,2,2-tetrachloro.....	100 (45.4)
	Perchloroethylene *	
	Tetrachloroethylene *	
Tetrachloroethylene *	Ethane, 1,1,2,2-tetrachloro.....	100 (45.4)
	Perchloroethylene *	
	Tetrachloroethene.....	
2,3,4,6-Tetrachlorophenol.....	Phenol, 2,3,4,6-tetrachloro.....	10 (4.54)
Tetraethyl lead *	Plumbane, tetraethyl.....	10 (4.54)
Tetraethyl pyrophosphate *	Pyrophosphoric acid, tetraethyl ester.....	10 (4.54)
Tetraethyldithiopyrophosphate.....	Dithiopyrophosphoric acid, tetraethyl ester.....	100 (45.4)
Tetrahydrofuran *	Furan, tetrahydro.....	1000 (454)
Tetranitromethane *	Methane, tetranitro.....	10 (4.54)
Tetraphosphoric acid, hexaethyl ester.....	Hexaethyl tetraphosphate *	100 (45.4)
Thallic oxide.....	Thallium(III) oxide.....	100 (45.4)
Thallium *		1000 (454)
Thallium(I) acetate.....	Acetic acid, thallium(I) salt.....	100 (45.4)
Thallium(I) carbonate.....	Carbonic acid, dithallium (I) salt.....	100 (45.4)
Thallium(I) chloride.....		100 (45.4)
Thallium(I) nitrate.....		100 (45.4)
Thallium(III) oxide.....	Thallic oxide.....	100 (45.4)
Thallium(I) selenide.....		1000 (454)
Thallium(I) sulfate *		100 (45.4)
Thioacetamide.....	Sulfuric acid, thallium(I) salt.....	100 (45.4)
Thioanox.....	Ethanethioamide.....	10 (4.54)
	3,3-Dimethyl-1-(methylthio)-2-butanone, O-[(methylamino)carbonyl]oxime.....	100 (45.4)
Thioimidodicarbonic diamide.....	2,4-Dithiobiuret.....	100 (45.4)
Thiomethanol.....	Methanethiol.....	100 (45.4)
	Methyl mercaptan *	
Thiophenol *	Benzenethiol.....	100 (45.4)
	Phenyl mercaptan @.....	
Thiosemicarbazide.....	Hydrazinecarbothioamide.....	100 (45.4)
Thiourea.....	Carbamide, thio.....	10 (4.54)
Thiourea, (2-chlorophenyl)-.....	1-(o-Chlorophenyl)thiourea.....	100 (45.4)
Thiourea, 1-naphthalenyl-.....	alpha-Naphthylthiourea.....	100 (45.4)
Thiourea, phenyl-.....	N-Phenylthiourea.....	100 (45.4)
Thiram.....	Bis(dimethylthiocarbamoyl) disulfide.....	10 (4.54)
Toluene *	Benzene, methyl.....	1000 (454)
Toluenediamine *	Diaminotoluene.....	10 (4.54)
Toluene diisocyanate *	Benzene, 2,4-diisocyanatomethyl.....	100 (45.4)
o-Toluidine.....	2-Amino-1-methyl benzene.....	100 (45.4)
p-Toluidine.....	4-Amino-1-methyl benzene.....	100 (45.4)
o-Toluidine hydrochloride.....	Benzenamine, 2-methyl-, hydrochloride.....	100 (45.4)
Toxaphene *	Camphene, octachloro.....	1 (0.454)
2,4,5-TP @.....	Propionic acid, 2-(2,4,5-trichlorophenoxy)-.....	100 (45.4)
	Silvex.....	
2,4,5-TP acid.....	2,4,5-TP acid.....	100 (45.4)
	Propionic acid, 2-(2,4,5-trichlorophenoxy)-.....	
	Silvex.....	
	2,4,5-TP @.....	
2,4,5-TP acid esters.....		100 (45.4)
1H-1,2,4-Triazol-3-amine.....	Amitrole.....	10 (4.54)
Trichlorfon.....		100 (45.4)
1,2,4-Trichlorobenzene.....		100 (45.4)
1,1,1-Trichloroethane *	Methyl chloroform *	1000 (454)
1,1,2-Trichloroethane.....	Ethane, 1,1,2-trichloro.....	100 (45.4)
Trichloroethene.....	Trichloroethylene *	100 (45.4)
Trichloroethylene *	Trichloroethene.....	100 (45.4)
Trichloromethanesulfonyl chloride.....	Methanesulfonyl chloride, trichloro.....	100 (45.4)
	Perchloromethyl mercaptan @.....	
Trichloromono fluoromethane.....	Methane, trichlorofluoro.....	5000 (2270)
Trichlorophenol *		10 (4.54)
2,3,4-Trichlorophenol.....		
2,3,5-Trichlorophenol.....		
2,3,6-Trichlorophenol.....		
2,4,5-Trichlorophenol.....	Phenol, 2,4,5-trichloro.....	10 (4.54)
2,4,6-Trichlorophenol.....	Phenol, 2,4,6-trichloro.....	10 (4.54)
3,4,5-Trichlorophenol.....	2,4,5-T *	1000 (454)
2,4,5-Trichlorophenol.....	2,4,5-T acid.....	
2,4,6-Trichlorophenol.....		
2,4,5-Trichlorophenoxyacetic acid *		
Triethanolamine dodecylbenzene sulfonate.....		1000 (454)
Triethylamine.....		5000 (2270)
Trimethylamine *		100 (45.4)
sym-Trinitrobenzene *	Benzene, 1,3,5-trinitro.....	10 (4.54)

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

Hazardous Substance	Synonyms	Reportable Quantity (RQ) Pounds (Kilograms)
1,3,5-Trioxane, 2,4,6-trimethyl.....	Paraldehyde.....	1000 (454)
Tris(2,3-dibromopropyl) phosphate.....	1-Propanol, 2,3-dibromo-, phosphate (3:1).....	10 (4.54)
Trypan blue.....	2,7-Naphthalenedisulfonic acid, 2,3'-[(3,3'-dimethyl-(1,1'-biphenyl)-4,4'-diyl)-bis(azo)]bis(5-amino-4-hydroxy)-tetrasodium salt.....	10 (4.54)
Unlisted Hazardous Wastes Characteristic of Corrosivity D002.....		100 (45.4)
Unlisted Hazardous Wastes Characteristic of EP Toxicity.....		
Arsenic D004.....		1 (0.454)
Barium D005.....		1000 (454)
Cadmium D006.....		10 (4.54)
Chromium D007.....		10 (4.54)
Lead D008.....		1 (0.454)
Mercury D009.....		1 (0.454)
Selenium D010.....		10 (4.54)
Silver D011.....		1 (0.454)
Endrin D012.....		1 (0.454)
Lindane D013.....		1 (0.454)
Methoxychlor D014.....		1 (0.454)
Toxaphene D015.....		1 (0.454)
2,4-D D016.....		100 (45.4)
2,4,5-TP D017.....		100 (45.4)
Unlisted Hazardous Wastes Characteristic of Ignitability D001.....		100 (45.4)
Unlisted Hazardous Wastes Characteristic of Reactivity D003.....		100 (45.4)
Uracil, 5-[bis(2-chloroethyl)amino]-.....	Uracil mustard.....	10 (4.54)
Uracil mustard.....	Uracil, 5-[bis(2-chloroethyl)amino]-.....	10 (4.54)
Uranyl acetate *.....		100 (45.4)
Uranyl nitrate *.....		100 (45.4)
Vanadic acid, ammonium salt.....	Ammonium vanadate.....	1000 (454)
Vanadium(V) oxide.....	Vanadium pentoxide.....	1000 (454)
Vanadium pentoxide.....	Vanadium(V) oxide.....	1000 (454)
Vanadyl sulfate.....		1000 (454)
Vinyl acetate *.....		5000 (2270)
Vinyl chloride *.....	Ethene, chloro-.....	1 (0.454)
Vinylidene chloride *.....	Ethene, 1,1-dichloro-.....	100 (45.4)
Warfarin.....	1,1-Dichloroethylene.....	
Xylene * (mixed).....	3-(alpha-Acetonylbenzyl)-4-hydroxycoumarin and salts.....	100 (45.4)
m.....	Benzene, dimethyl.....	1000 (454)
o.....		
p.....		
Xylenol *.....		1000 (454)
Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyloxy)-, methyl ester.....	Reserpine.....	5000 (2270)
Zinc.....		1000 (454)
Zinc acetate.....		1000 (454)
Zinc ammonium chloride.....		1000 (454)
Zinc borate.....		1000 (454)
Zinc bromide.....		1000 (454)
Zinc carbonate.....		1000 (454)
Zinc chloride.....		1000 (454)
Zinc cyanide *.....		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 *.....		100 (45.4)
Zinc silicofluoride.....		5000 (2270)
Zinc sulfate.....		1000 (454)
Zirconium nitrate *.....		5000 (2270)
Zirconium potassium fluoride.....		1000 (454)
Zirconium sulfate *.....		5000 (2270)
Zirconium tetrachloride *.....		5000 (2270)
F001.....		10 (4.54)
The following spent halogenated solvents used in degreasing; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the 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.....		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)

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

Hazardous Substance	Synonyms	Reportable Quantity (RQ) Pounds (Kilograms)
F002 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, F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures..		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 The following spent non-halogenated solvents and solvents:		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 The following spent non-halogenated solvents and the stillbottoms from the recovery of these solvents:		1000 (454)
(a) Cresols/Cresylic acid.....		1000 (454)
(b) Nitrobenzene.....		1000 (454)
F005 The following spent non-halogenated solvents and the stillbottoms from the recovery of these solvents:		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 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.		10 (4.54)
F007 Spent cyanide plating bath solutions from electroplating operations.....		10 (4.54)
F008 Plating bath sludges from the bottom of plating baths from electroplating operations where cyanides are used in the process (except for precious metals electroplating plating bath sludges).		10 (4.54)
F009 Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process (except for precious metals electroplating spent stripping and cleaning bath solutions).		10 (4.54)
F010 Quenching bath sludge from oil baths from metal heat treating operations where cyanides are used in the process (except for precious metals heat-treating quenching bath sludges).		10 (4.54)
F011 Spent cyanide solutions from salt bath pot cleaning from metal heat treating operations (except for precious metals heat treating spent cyanide solutions from salt bath pot cleaning).		10 (4.54)
F012 Quenching wastewater treatment sludges from metal heat treating operations where cyanides are used in the process (except for precious metals heat treating quenching wastewater treatment sludges).		10 (4.54)
F019 Wastewater treatment sludges from the chemical conversion coating of aluminum		10 (4.54)

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

Hazardous Substance	Synonyms	Reportable Quantity (RQ) Pounds (Kilograms)
F020 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.)		1 (0.454)
F021 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.		1 (0.454)
F022 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.		1 (0.454)
F023 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 hexachlorophene from highly purified 2,4,5-trichlorophenol.)		1 (0.454)
F024 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 40 CFR 261.32.)		1 (0.454)
F026 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.		1 (0.454)
F027 Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing hexachlorophene synthesized from prepurified 2,4,5-trichlorophenol as the sole component.)		1 (0.454)
F028 Residues resulting from the incineration or thermal treatment of soil contaminated with EPA Hazardous Waste Nos. F020, F021, F022, F023, F026 and F027.		1 (0.454)
K001 Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol.		1 (0.454)
K002 Wastewater treatment sludge from the production of chrome yellow and orange pigments.		1 (0.454)
K003 Wastewater treatment sludge from the production of molybdate orange pigments.		10 (4.54)
K004 Wastewater treatment sludge from the production of zinc yellow pigments.		1 (0.454)
K005 Wastewater treatment sludge from the production of chrome green pigments.		10 (4.54)
K006 Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated).		10 (4.54)
K007 Wastewater treatment sludge from the production of iron blue pigments.		10 (4.54)
K008 Oven residue from the production of chrome oxide green pigments.		10 (4.54)
K009 Distillation bottoms from the production of acetaldehyde from ethylene.		10 (4.54)
K010 Distillation side cuts from the production of acetaldehyde from ethylene.		10 (4.54)

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

Hazardous Substance	Synonyms	Reportable Quantity (RQ) Pounds (Kilograms)
K011..... Bottom stream from the wastewater stripper in the production of acrylonitrile.		10 (4.54)
K013..... Bottom stream from the acetonitrile column in the production of acrylonitrile.		10 (4.54)
K014..... Bottoms from the acetonitrile purification column in the production of acrylonitrile.		5000 (2270)
K015..... Still bottoms from the distillation of benzyl chloride.		10 (4.54)
K016..... Heavy ends or distillation residues from the production of carbon tetrachloride.		1 (0.454)
K017..... Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin.		1 (0.454)
K018..... Heavy ends from the fractionation column in ethyl chloride production.		1 (0.454)
K019..... Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production.		1 (0.454)
K020..... Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production.		1 (0.454)
K021..... Aqueous spent antimony catalyst waste from fluoromethanes production.		10 (4.54)
K022..... Distillation bottom tars from the production of phenol/acetone from cumene.		1 (0.454)
K023..... Distillation light ends from the production of phthalic anhydride from naphthalene.		5000 (2270)
K024..... Distillation bottoms from the production of phthalic anhydride from naphthalene.		5000 (2270)
K025..... Distillation bottoms from the production of nitrobenzene by the nitration of benzene.		10 (4.54)
K026..... Stripping still tails from the production of methyl ethyl pyridines.		1000 (454)
K027..... Centrifuge and distillation residues from toluene diisocyanate production.		10 (4.54)
K028..... Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane.		1 (0.454)
K029..... Waste from the product steam stripper in the production of 1,1,1-trichloroethane.		1 (0.454)
K030..... Column bottoms or heavy ends from the combined production of trichloroethylene and perchloroethylene.		1 (0.454)
K031..... By-product salts generated in the production of MSMA and cacodylic acid.		1 (0.454)
K032..... Wastewater treatment sludge from the production of chlordane.		10 (4.54)
K033..... Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane.		10 (4.54)
K034..... Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane.		10 (4.54)
K035..... Wastewater treatment sludges generated in the production of creosote.		1 (0.454)
K036..... Still bottoms from toluene reclamation distillation in the production of disulfoton.		1 (0.454)
K037..... Wastewater treatment sludges from the production of disulfoton.		1 (0.454)
K038..... Wastewater from the washing and stripping of phorate production.		10 (4.54)
K039..... Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate.		10 (4.54)

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

Hazardous Substance	Synonyms	Reportable Quantity (RQ) Pounds (Kilograms)
K040..... Wastewater treatment sludge from the production of phorate.....		10 (4.54)
K041..... Wastewater treatment sludge from the production of toxaphene.....		1 (0.454)
K042..... Heavy ends or distillation residues from the distillation of tetrachloro- benzene in the production of 2,4,5-T.		10 (4.54)
K043..... 2,6-dichlorophenol waste from the production of 2,4-D.....		10 (4.54)
K044..... Wastewater treatment sludges from the manufacturing and processing of explosives.		10 (4.54)
K045..... Spent carbon from the treatment of wastewater containing explosives.....		100 (45.4)
K046..... Wastewater treatment sludges from the manufacturing, formulation and loading of lead-based initiating compounds.		10 (4.54)
K047..... Pink/red water from TNT operations.....		1 (0.454)
K048..... Dissolved air flotation (DAF) float from the petroleum refining industry.....		1 (0.454)
K049..... Slip oil emulsion solids from the petroleum refining industry.....		10 (4.54)
K050..... Heat exchanger bundle cleaning sludge from the petroleum refining industry.		1 (0.454)
K051..... API separator sludge from the petroleum refining industry.....		10 (4.54)
K052..... Tank bottoms (leaded) from the petroleum refining industry.....		1 (0.454)
K060..... Ammonia still lime sludge from coking operations.....		1 (0.454)
K061..... Emission control dust/sludge from the primary production of steel in electric furnaces.		1 (0.454)
K062..... Spent pickle liquor from steel finishing operations.....		1 (0.454)
K064..... Acid plant blowdown slurry/sludge resulting from thickening of blow- down slurry from primary copper production..		1 (0.454)
K065..... Surface impoundment solids contained in and dredged from surface impoundments at primary lead smelting facilities..		1 (0.454)
K066..... Sludge from treatment of process wastewater and /or acid plant blowdown from primary zinc production..		1 (0.454)
K069..... Emission control dust/sludge from secondary lead smelting.....		1 (0.454)
K071..... Brine purification muds from the mercury cell process in chlorine production, where separately prepurified brine is not used.		10 (4.54)
K073..... Chlorinated hydrocarbon waste from the purification step of the dia- phragm cell process using graphite anodes in chlorine production..		100 (45.4)
K083..... Distillation bottoms from aniline extraction.....		1 (0.454)
K084..... Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic com- pounds.		10 (4.54)
K085..... Distillation or fractionation column bottoms from the production of chlorobenzenes.		1 (0.454)
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 con- taining chromium and lead.		100 (45.4)
K087..... Decanter tank tar sludge from coking operations.....		1 (0.454)
K088..... Spent potliners from primary aluminum reduction.....		1 (0.454)
K090..... Emission control dust or sludge from ferrochromium-silicon production.....		1 (0.454)
K091..... Emission control dust or sludge from ferrochromium production.....		1 (0.454)

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

Hazardous Substance	Synonyms	Reportable Quantity (RQ) Pounds (Kilograms)
K093... Distillation light ends from the production of phthalic anhydride from ortho-xylene.		5000 (2270)
K094... Distillation bottoms from the production of phthalic anhydride from ortho-xylene.		5000 (2270)
K095... Distillation bottoms from the production of 1,1,1-trichloroethane.		100 (45.4)
K096... Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane.		100 (45.4)
K097... Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane.		1 (0.454)
K098... Untreated process wastewater from the production of toxaphene.		1 (0.454)
K099... Untreated wastewater from the production of 2,4-D.		10 (4.54)
K100... Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting.		1 (0.454)
K101... Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.		1 (0.454)
K102... Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.		1 (0.454)
K103... Process residues from aniline extraction from the production of aniline.		100 (45.4)
K104... Combined wastewater streams generated from nitrobenzene/aniline chlorobenzenes.		10 (4.54)
K105... Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.		10 (4.54)
K106... Wastewater treatment sludge from the mercury cell process in chlorine production.		1 (0.454)
K111... Product washwaters from the production of dinitrotoluene via nitration of toluene.		10 (4.54)
K112... Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene.		10 (4.54)
K113... Condensed liquid light ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.		10 (4.54)
K114... Vicinals from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.		10 (4.54)
K115... Heavy ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.		10 (4.54)
K116... Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine.		10 (4.54)
K117... Wastewater from the reaction vent gas scrubber in the production of ethylene bromide via bromination of ethene.		1 (0.454)
K118... Spent absorbent solids from purification of ethylene dibromide in the production of ethylene dibromide.		1 (0.454)
K123... Process wastewater (including supernates, filtrates, and washwaters) from the production of ethylenedisithiocarbamic acid and its salts.		10 (4.54)
K124... Reactor vent scrubber water from the production of ethylenedisithiocarbamic acid and its salts.		10 (4.54)
K125... Filtration, evaporation, and centrifugation solids from the production of ethylenedisithiocarbamic acid and its salts.		10 (4.54)
K126... Baghouse dust and floor sweepings in milling and packaging operations from the production or formulation of ethylenedisithiocarbamic acid and its salts.		10 (4.54)

LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued

Hazardous Substance	Synonyms	Reportable Quantity (RQ) Pounds (Kilograms)
K136 Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.		1 (0.454)

Footnotes:

- ¢ - the RQ for these hazardous substances is limited to those pieces of the metal having a diameter smaller than 100 micrometers (0.004 inches)
- € - the RQ for asbestos is limited to friable forms only
- * - indicates that this material appears by name in the Hazardous Materials Table
- @ - indicates that the name was added by RSPA 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

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Travis P. Dungan,
Administrator, Research and Special
Programs Administration.

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