

- (A) Air stripping.
- (B) Carbon absorption.
- (C) Ion exchange.
- (D) Reverse osmosis.
- (E) Permeable bed treatment.
- (F) Wet air oxidation.
- (G) Solidification.
- (H) Encapsulation.
- (I) Soil washing or flushing.
- (J) Incineration.
- (c) In response to contaminated ground water, the following types of response actions will generally be considered: Elimination or containment of the contamination to prevent further contamination, treatment and/or removal of such ground water to reduce or eliminate the contamination, physical containment of such ground water to reduce or eliminate potential exposure to such contamination, and/or restrictions on use of the ground water to eliminate potential exposure to the contamination.
 - (1) Techniques that can be used to contain or restore contaminated ground water include the following:
 - (i) Impermeable barriers, including the following:
 - (A) Slurry walls.
 - (B) Grout curtains.
 - (C) Sheet pilings.
 - (ii) Permeable treatment beds.
 - (iii) Ground-water pumping, including the following:
 - (A) Water table adjustment.
 - (B) Plume containment.
 - (iv) Leachate control, including the following:
 - (A) Subsurface drains.
 - (B) Drainage ditches.
 - (C) Liners.
 - (2) Techniques suitable for the control of contamination of water and sewer lines include the following:
 - (i) Grouting.
 - (ii) Pipe relining and sleeving.
 - (iii) Sewer relocation.
 - (d)(1) In response to contaminated surface water, the following types of response actions shall generally be considered: Elimination or containment of the contamination to prevent further pollution, and/or treatment of the contaminated water to reduce or eliminate its hazard potential.
 - (2) Techniques that can be used to control or remediate surface water include the following:
 - (i) Surface seals.
 - (ii) Surface water diversions and collection systems, including the following:
 - (A) Dikes and berms.
 - (B) Ditches, diversions, waterways.
 - (C) Chutes and downpipes.
 - (D) Levees.
 - (E) Seepage basins and ditches.
 - (F) Sedimentation basins and ditches.
 - (G) Terraces and benches.
 - (iii) Grading.

- (iv) Revegetation.
- (e) In response to air emissions, the following techniques will be considered:
 - (1) Pipe vents.
 - (2) Trench vents.
 - (3) Gas barriers.
 - (4) Gas collection.
 - (5) Overpacking.
 - (6) Treatment for gaseous emissions, including the following:
 - (i) Vapor phase adsorption.
 - (ii) Thermal oxidation.
 - (f) Alternative water supplies can be provided in several ways, including the following:
 - (i) Individual treatment units.
 - (ii) Water distribution system.
 - (iii) New wells in a new location or deeper wells.
 - (iv) Cisterns.
 - (v) Bottled or treated water.
 - (vi) Upgraded treatment for existing distribution systems.
 - (g) Temporary or permanent relocation of residents, businesses, and community facilities may be provided where it is determined necessary to protect human health and the environment.

[55 FR 8865, Mar. 8, 1990]

PART 302—DESIGNATION, REPORTABLE QUANTITIES, AND NOTIFICATION

Sec.

- 302.1 Applicability.
- 302.2 [Reserved]
- 302.3 Definitions.
- 302.4 Hazardous substances and reportable quantities.
- 302.5 Determination of reportable quantities.
- 302.6 Notification requirements.
- 302.7 Penalties.
- 302.8 Continuous releases.

AUTHORITY: 33 U.S.C. 1251 *et. seq.*, 42 U.S.C. 9601 *et. seq.*, 42 U.S.C. 9602, 42 U.S.C. 9603.

SOURCE: 50 FR 13474, Apr. 4, 1985, unless otherwise noted.

§ 302.1 Applicability.

This regulation designates under section 102(a) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (“the Act”) those substances in the statutes referred to in section 101(14) of the Act, identifies reportable quantities for these substances, and sets forth the notification requirements for releases of these substances. This regulation also

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sets forth reportable quantities for hazardous substances designated under section 311(b)(2)(A) of the Clean Water Act.

§ 302.2 [Reserved]

§ 302.3 Definitions.

As used in this part, all terms shall have the meaning set forth below:

The Act, *CERCLA*, or *Superfund* means the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (Pub. L. 96-510);

Administrator means the Administrator of the United States Environmental Protection Agency (“EPA”);

Animal waste means feces, urine, or other excrement, digestive emission, urea, or similar substances emitted by animals (including any form of livestock, poultry, or fish). The term “animal waste” includes animal waste that is mixed or commingled with bedding, compost, feed, soil, or any other material typically found with such waste.

Consumer product shall have the meaning stated in 15 U.S.C. 2052;

Environment means (1) the navigable waters, the waters of the contiguous zone, and the ocean waters of which the natural resources are under the exclusive management authority of the United States under the Fishery Conservation and Management Act of 1976, and (2) any other surface water, ground water, drinking water supply, land surface or subsurface strata, or ambient air within the United States or under the jurisdiction of the United States;

Facility means (1) any building, structure, installation, equipment, pipe or pipeline (including any pipe into a sewer or publicly owned treatment works), well, pit, pond, lagoon, impoundment, ditch, landfill, storage container, motor vehicle, rolling stock, or aircraft, or (2) any site or area where a hazardous substance has been deposited, stored, disposed of, or placed, or otherwise come to be located; but does not include any consumer product in consumer use or any vessel;

Farm means a site or area (including associated structures) that—

(1) Is used for—

(i) The production of a crop; or

(ii) The raising or selling of animals (including any form of livestock, poultry, or fish); and

(2) Under normal conditions, produces during a farm year any agricultural products with a total value equal to not less than \$1,000.

Hazardous substance means any substance designated pursuant to 40 CFR part 302;

Hazardous waste shall have the meaning provided in 40 CFR 261.3;

Navigable waters means the waters of the United States, including the territorial seas, as defined in §120.2 of this chapter.

Offshore facility means any facility of any kind located in, on, or under, any of the navigable waters of the United States, and any facility of any kind which is subject to the jurisdiction of the United States and is located in, on, or under any other waters, other than a vessel or a public vessel;

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

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

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

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

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

(3) Release of source, byproduct, or special nuclear material from a nuclear incident, as those terms are defined in the Atomic Energy Act of 1954, if such

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

(4) The normal application of fertilizer;

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

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

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

[50 FR 13474, Apr. 4, 1985, as amended at 67 FR 45321, July 9, 2002; 73 FR 76959, Dec. 18, 2008; 80 FR 37123, June 29, 2015; 83 FR 5209, Feb. 6, 2018; 83 FR 37446, Aug. 1, 2018; 84 FR 56671, Oct. 22, 2019; 85 FR 22342, Apr. 21, 2020]

§ 302.4 Hazardous substances and reportable quantities.

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

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

NOTE I TO TABLE 302.4 The numbers under the column headed “CASRN” are the Chemical Abstracts Service Registry Numbers for each hazardous substance. CASRNs are unique numeric identifiers for specific substances. CASRNs are updated by the Chemical Abstract Service and are sometimes deleted or replaced. This list of CERCLA hazardous substances relies on information provided in the statutory lists that comprise the table. CASRNs are provided for convenience only to aid in the identification of the designated hazardous substance. Some CASRNs are given only for parent compounds. In some cases, a chemical name may have more than one CASRN associated with it due to the chemical’s various forms; however, each CAS Registry Number is a unique numeric identifier and designates only one substance. That is, two substances, or two forms of a substance, do not have the same CAS Registry Number. If there is a discrepancy between the hazardous substance name and the listed CAS Registry Number, the hazardous substance names appearing in Table 302.4 should be used as the official means to determine if a given chemical or substance is reportable.

NOTE II TO TABLE 302.4 Hazardous substances are given a Statutory Code based on their statutory source. The “Statutory Code” column indicates the statutory source for designating each substance as a CERCLA hazardous substance. Statutory Code “1” indicates a Clean Water Act (CWA) Hazardous Substance [40 CFR 116.4; 33 U.S.C. 1321(b)(2)(A)]. Statutory Code “2” indicates a CWA Toxic Pollutant [40 CFR 401.15, 40 CFR part 423 Appendix A, and/or 40 CFR 131.36; 33 U.S.C. 1317(a)]. Statutory Code “3” indicates a CAA HAP [42 U.S.C. 7412(b); Pub. L. 101–549 November 15, 1990; 70 FR 75047 December 19, 2005; 69 FR 69320 November 29, 2004; 61 FR 30816 June 18, 1996; 65 FR 47342 August 2, 2000; 87 FR 393 January 5, 2022]. Statutory Code “4” indicates Resource Conservation and Recovery Act (RCRA) Hazardous Wastes [40 CFR part 261 Subpart D—Lists of Hazardous Wastes; 42 U.S.C. 6921]. (Note: The “RCRA waste No.” column provides the waste identification numbers assigned by RCRA regulations). Statutory Code “5” indicates a hazardous substance designated under section 102(a) of CERCLA. The “Final RQ [pounds (kg)]” column provides the reportable quantity for each hazardous substance in pounds and kilograms.

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ⁱ	Statutory code ⁱⁱ	RCRA waste No.	Final RQ [pounds (kg)]
A2213	30558–43–1	4	U394	5000 (2270)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ¹¹	RCRA waste No.	Final RQ [pounds (kg)]
Acenaphthene	83-32-9	2	.....	100 (45.4)
Acenaphthylene	208-96-8	2	.....	5000 (2270)
Acetaldehyde	75-07-0	1,3,4	U001	1000 (454)
Acetaldehyde, chloro-	107-20-0	4	P023	1000 (454)
Acetaldehyde, trichloro-	75-87-6	4	U034	5000 (2270)
Acetamide	60-35-5	3	.....	100 (45.4)
Acetamide, N-(aminothioxomethyl)-	591-08-2	4	P002	1000 (454)
Acetamide, N-(4-ethoxyphenyl)-	62-44-2	4	U187	100 (45.4)
Acetamide, N-9H-fluoren-2-yl-	53-96-3	3,4	U005	1 (0.454)
Acetamide, 2-fluoro-	640-19-7	4	P057	100 (45.4)
Acetic acid	64-19-7	1	.....	5000 (2270)
Acetic acid, (2,4-dichlorophenoxy)-, salts & esters	94-75-7	1,3,4	U240	100 (45.4)
Acetic acid, ethyl ester	141-78-6	4	U112	5000 (2270)
Acetic acid, fluoro-, sodium salt	62-74-8	4	P058	10 (4.54)
Acetic acid, lead(2 +) salt	301-04-2	1,4	U144	10 (4.54)
Acetic acid, thallium(1 +) salt	563-68-8	4	U214	100 (45.4)
Acetic acid, (2,4,5-trichlorophenoxy)-	93-76-5	1,4	See F027	1000 (454)
Acetic anhydride	108-24-7	1	.....	5000 (2270)
Acetone	67-64-1	4	U002	5000 (2270)
Acetone cyanohydrin	75-86-5	1,4	P069	10 (4.54)
Acetonitrile	75-05-8	3,4	U003	5000 (2270)
Acetophenone	98-86-2	3,4	U004	5000 (2270)
2-Acetylaminofluorene	53-96-3	3,4	U005	1 (0.454)
Acetyl bromide	506-96-7	1	.....	5000 (2270)
Acetyl chloride	75-36-5	1,4	U006	5000 (2270)
1-Acetyl-2-thiourea	591-08-2	4	P002	1000 (454)
Acrolein	107-02-8	1,2,3,4	P003	1 (0.454)
Acrylamide	79-06-1	3,4	U007	5000 (2270)
Acrylic acid	79-10-7	3,4	U008	5000 (2270)
Acrylonitrile	107-13-1	1,2,3,4	U009	100 (45.4)
Adipic acid	124-04-9	1	.....	5000 (2270)
Aldicarb	116-06-3	4	P070	1 (0.454)
Aldicarb sulfone	1646-88-4	4	P203	100 (45.4)
Aldrin	309-00-2	1,2,4	P004	1 (0.454)
Allyl alcohol	107-18-6	1,4	P005	100 (45.4)
Allyl chloride	107-05-1	1,3	.....	1000 (454)
Aluminum phosphide	20859-73-8	4	P006	100 (45.4)
Aluminum sulfate	10043-01-3	1	.....	5000 (2270)
4-Aminobiphenyl	92-67-1	3	.....	1 (0.454)
5-(Aminomethyl)-3-isoxazolol	2763-96-4	4	P007	1000 (454)
4-Aminopyridine	504-24-5	4	P008	1000 (454)
Amitrole	61-82-5	4	U011	10 (4.54)
Ammonia	7664-41-7	1	.....	100 (45.4)
Ammonium acetate	631-61-8	1	.....	5000 (2270)
Ammonium benzoate	1863-63-4	1	.....	5000 (2270)
Ammonium bicarbonate	1066-33-7	1	.....	5000 (2270)
Ammonium bichromate	7789-09-5	1	.....	10 (4.54)
Ammonium bifluoride	1341-49-7	1	.....	100 (45.4)
Ammonium bisulfite	10192-30-0	1	.....	5000 (2270)
Ammonium carbamate	1111-78-0	1	.....	5000 (2270)
Ammonium carbonate	506-87-6	1	.....	5000 (2270)
Ammonium chloride	12125-02-9	1	.....	5000 (2270)
Ammonium chromate	7788-98-9	1	.....	10 (4.54)
Ammonium citrate, dibasic	3012-65-5	1	.....	5000 (2270)
Ammonium fluoborate	13826-83-0	1	.....	5000 (2270)
Ammonium fluoride	12125-01-8	1	.....	100 (45.4)
Ammonium hydroxide	1336-21-6	1	.....	1000 (454)
Ammonium oxalate	6009-70-7	1	.....	5000 (2270)
.....	5972-73-6	.....	.....	.....
.....	14258-49-2	.....	.....	.....
Ammonium picrate	131-74-8	4	P009	10 (4.54)
Ammonium silicofluoride	16919-19-0	1	.....	1000 (454)
Ammonium sulfamate	7773-06-0	1	.....	5000 (2270)
Ammonium sulfide	12135-76-1	1	.....	100 (45.4)
Ammonium sulfite	10196-04-0	1	.....	5000 (2270)
Ammonium tartrate	14307-43-8	1	.....	5000 (2270)
.....	3164-29-2	.....	.....	.....
Ammonium thiocyanate	1762-95-4	1	.....	5000 (2270)
Ammonium vanadate	7803-55-6	4	P119	1000 (454)
Amyl acetate	628-63-7	1	.....	5000 (2270)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ¹¹	RCRA waste No.	Final RQ [pounds (kg)]
iso-Amyl acetate	123–92–2	1	.....	5000 (2270)
sec-Amyl acetate	626–38–0	1	.....	5000 (2270)
tert-Amyl acetate	625–16–1	1	.....	5000 (2270)
Aniline	62–53–3	1,3,4	U012	5000 (2270)
o-Anisidine	90–04–0	3	.....	100 (45.4)
Anthracene	120–12–7	2	.....	5000 (2270)
ANTIMONY AND COMPOUNDS	N.A.	2,3	.....	**
Antimony Compounds	N.A.	2,3	.....	**
Antimony ^{III}	7440–36–0	2	.....	5000 (2270)
Antimony pentachloride	7647–18–9	1	.....	1000 (454)
Antimony potassium tartrate	28300–74–5	1	.....	100 (45.4)
Antimony tribromide	7789–61–9	1	.....	1000 (454)
Antimony trichloride	10025–91–9	1	.....	1000 (454)
Antimony trifluoride	7783–56–4	1	.....	1000 (454)
Antimony trioxide	1309–64–4	1	.....	1000 (454)
Argentate(1–), bis(cyano-C)–, potassium	506–61–6	4	P099	1 (0.454)
Aroclors	1336–36–3	1,2,3	.....	1 (0.454)
Aroclor 1016	12674–11–2	1,2,3	.....	1 (0.454)
Aroclor 1221	11104–28–2	1,2,3	.....	1 (0.454)
Aroclor 1232	11141–16–5	1,2,3	.....	1 (0.454)
Aroclor 1242	53469–21–9	1,2,3	.....	1 (0.454)
Aroclor 1248	12672–29–6	1,2,3	.....	1 (0.454)
Aroclor 1254	11097–69–1	1,2,3	.....	1 (0.454)
Aroclor 1260	11096–82–5	1,2,3	.....	1 (0.454)
ARSENIC AND COMPOUNDS	N.A.	2,3	.....	**
Arsenic Compounds (inorganic including arsine)	N.A.	2,3	.....	**
Arsenic ^{III}	7440–38–2	2,3	.....	1 (0.454)
Arsenic acid H ₃ AsO ₄	7778–39–4	4	P010	1 (0.454)
Arsenic disulfide	12044–79–0	1	.....	1 (0.454)
Arsenic oxide As ₂ O ₃	1327–53–3	1,4	P012	1 (0.454)
Arsenic oxide As ₂ O ₅	1303–28–2	1,4	P011	1 (0.454)
Arsenic pentoxide	1303–28–2	1,4	P011	1 (0.454)
Arsenic trichloride	7784–34–1	1	.....	1 (0.454)
Arsenic trioxide	1327–53–3	1,4	P012	1 (0.454)
Arsenic trisulfide	1303–33–9	1	.....	1 (0.454)
Arsine, diethyl-	692–42–2	4	P038	1 (0.454)
Arsinic acid, dimethyl-	75–60–5	4	U136	1 (0.454)
Arsonous dichloride, phenyl-	696–28–6	4	P036	1 (0.454)
Asbestos ^{IV}	1332–21–4	2,3	.....	1 (0.454)
Auramine	492–80–8	4	U014	100 (45.4)
Azaserine	115–02–6	4	U015	1 (0.454)
Aziridine	151–56–4	3,4	P054	1 (0.454)
Aziridine, 2-methyl-	75–55–8	3,4	P067	1 (0.454)
Azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione, 6-amino-8-[[[(aminocarbonyl)oxy]methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-1aS-(1aalpha,8beta,8aalp, 8balp)]-	50–07–7	4	U010	10 (4.54)
Barban	101–27–9	4	U280	10 (4.54)
Barium cyanide	542–62–1	1,4	P013	10 (4.54)
Bendiocarb	22781–23–3	4	U278	100 (45.4)
Bendiocarb phenol	22961–82–6	4	U364	1000 (454)
Benomyl	17804–35–2	4	U271	10 (4.54)
Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-	56–49–5	4	U157	10 (4.54)
Benz[c]acridine	225–51–4	4	U016	100 (45.4)
Benzal chloride	98–87–3	4	U017	5000 (2270)
Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-	23950–58–5	4	U192	5000 (2270)
Benz[a]anthracene	56–55–3	2,4	U018	10 (4.54)
1,2-Benzanthracene	56–55–3	2,4	U018	10 (4.54)
Benz[a]anthracene, 7,12-dimethyl-	57–97–6	4	U094	1 (0.454)
Benzenamine	62–53–3	1,3,4	U012	5000 (2270)
Benzenamine, 4,4'-carbonimidoylbis (N,N dimethyl-	492–80–8	4	U014	100 (45.4)
Benzenamine, 4-chloro-	106–47–8	4	P024	1000 (454)
Benzenamine, 4-chloro-2-methyl-, hydrochloride	3165–93–3	4	U049	100 (45.4)
Benzenamine, N,N-dimethyl-4-(phenylazo)-	60–11–7	3,4	U093	10 (4.54)
Benzenamine, 2-methyl-	95–53–4	3,4	U328	100 (45.4)
Benzenamine, 4-methyl-	106–49–0	4	U353	100 (45.4)
Benzenamine, 4,4'-methylenebis [2-chloro-	101–14–4	3,4	U158	10 (4.54)
Benzenamine, 2-methyl-,hydrochloride	636–21–5	4	U222	100 (45.4)
Benzenamine, 2-methyl-5-nitro-	99–55–8	4	U181	100 (45.4)
Benzenamine, 4-nitro-	100–01–6	4	P077	5000 (2270)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ²	RCRA waste No.	Final RQ [pounds (kg)]
Benzene ^a	71-43-2	1,2,3,4	U019	10 (4.54)
Benzeneacetic acid, 4-chloro- α -(4-chlorophenyl)- α -hydroxy-, ethyl ester.	510-15-6	3,4	U038	10 (4.54)
Benzene, 1-bromo-4-phenoxy-	101-55-3	2,4	U030	100 (45.4)
Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]-	305-03-3	4	U035	10 (4.54)
Benzene, chloro-	108-90-7	1,2,3,4	U037	100 (45.4)
Benzene, (chloromethyl)-	100-44-7	1,3,4	P028	100 (45.4)
Benzenediamine, ar-methyl-	95-80-7	3,4	U221	10 (4.54)
	496-72-0			
	823-40-5			
	25376-45-8			
1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester	117-81-7	2,3,4	U028	100 (45.4)
1,2-Benzenedicarboxylic acid, dibutyl ester	84-74-2	1,2,3,4	U069	10 (4.54)
1,2-Benzenedicarboxylic acid, diethyl ester	84-66-2	2,4	U088	1000 (454)
1,2-Benzenedicarboxylic acid, dimethyl ester	131-11-3	2,3,4	U102	5000 (2270)
1,2-Benzenedicarboxylic acid, dioctyl ester	117-84-0	2,4	U107	5000 (2270)
Benzene, 1,2-dichloro-	95-50-1	1,2,4	U070	100 (45.4)
Benzene, 1,3-dichloro-	541-73-1	2,4	U071	100 (45.4)
Benzene, 1,4-dichloro-	106-46-7	1,2,3,4	U072	100 (45.4)
Benzene, 1,1'-(2,2-dichloroethyldiene) bis[4-chloro-	72-54-8	1,2,4	U060	1 (0.454)
Benzene, (dichloromethyl)-	98-87-3	4	U017	5000 (2270)
Benzene, 1,3-diisocyanatomethyl-	91-08-7	3,4	U223	100 (45.4)
	584-84-9			
	26471-62-5			
Benzene, dimethyl-	1330-20-7	1,3,4	U239	100 (45.4)
1,3-Benzenediol	108-46-3	1,4	U201	5000 (2270)
1,2-Benzenediol,4-[1-hydroxy-2-(methyl amino)ethyl]-	51-43-4	4	P042	1000 (454)
Benzeneethanamine, alpha, alpha-dimethyl-	122-09-8	4	P046	5000 (2270)
Benzene, hexachloro-	118-74-1	2,3,4	U127	10 (4.54)
Benzene, hexahydro-	110-82-7	1,4	U056	1000 (454)
Benzene, methyl-	108-88-3	1,2,3,4	U220	1000 (454)
Benzene, 1-methyl-2,4-dinitro-	121-14-2	1,2,3,4	U105	10 (4.54)
Benzene, 2-methyl-1,3-dinitro-	606-20-2	1,2,4	U106	100 (45.4)
Benzene, (1-methylethyl)-	98-82-8	3,4	U055	5000 (2270)
Benzene, nitro-	98-95-3	1,2,3,4	U169	1000 (454)
Benzene, pentachloro-	608-93-5	4	U183	10 (4.54)
Benzene, pentachloronitro-	82-68-8	3,4	U185	100 (45.4)
Benzenesulfonic acid chloride	98-09-9	4	U020	100 (45.4)
Benzenesulfonyl chloride	98-09-9	4	U020	100 (45.4)
Benzene, 1,2,4,5-tetrachloro-	95-94-3	4	U207	5000 (2270)
Benzenethiol	108-98-5	4	P014	100 (45.4)
Benzene, 1,1'-(2,2,2-trichloroethyldiene) bis[4-chloro-	50-29-3	1,2,4	U061	1 (0.454)
Benzene, 1,1'-(2,2,2-trichloroethyldiene) bis[4-methoxy-	72-43-5	1,3,4	U247	1 (0.454)
Benzene, (trichloromethyl)-	98-07-7	3,4	U023	10 (4.54)
Benzene, 1,3,5-trinitro-	99-35-4	4	U234	10 (4.54)
Benzidine	92-87-5	2,3,4	U021	1 (0.454)
Benzo[<i>a</i>]anthracene	56-55-3	2,4	U018	10 (4.54)
1,3-Benzodioxole, 5-(1-propenyl)-1	120-58-1	4	U141	100 (45.4)
1,3-Benzodioxole, 5-(2-propenyl)-	94-59-7	4	U203	100 (45.4)
1,3-Benzodioxole, 5-propyl-	94-58-6	4	U090	10 (4.54)
1,3-Benzodioxol-4-ol, 2,2-dimethyl-	22961-82-6	4	U364	1000 (454)
1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate.	22781-23-3	4	U278	100 (45.4)
Benzo[<i>b</i>]fluoranthene	205-99-2	2		1 (0.454)
Benzo[<i>k</i>]fluoranthene	207-08-9	2		5000 (2270)
7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-	1563-38-8	4	U367	10 (4.54)
7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate.	1563-66-2	1,4	P127	10 (4.54)
Benzoic acid	65-85-0	1		5000 (2270)
Benzoic acid, 2-hydroxy-, compd. with (3 <i>aS</i> -cis)-1,2,3,3 <i>a</i> ,8 <i>a</i> -hexahydro-1,3 <i>a</i> ,8-trimethylpyrrolo[2,3- <i>b</i>]indol-5-yl ester (1:1).	57-64-7	4	P188	100 (45.4)
Benzonitrile	100-47-0	1		5000 (2270)
Benzo[<i>rst</i>]pentaphene	189-55-9	4	U064	10 (4.54)
Benzo[<i>ghi</i>]perylene	191-24-2	2		5000 (2270)
2 <i>H</i> -1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts.	81-81-2	4	P001	100 (45.4)
Benzo[<i>a</i>]pyrene	50-32-8	2,4	U248	
			U022	1 (0.454)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ¹¹	RCRA waste No.	Final RQ [pounds (kg)]
3,4-Benzopyrene	50–32–8	2,4	U022	1 (0.454)
p-Benzoquinone	106–51–4	3,4	U197	10 (4.54)
Benzotrichloride	98–07–7	3,4	U023	10 (4.54)
Benzoyl chloride	98–88–4	1	.....	1000 (454)
Benzyl chloride	100–44–7	1,3,4	P028	100 (45.4)
BERYLLIUM AND COMPOUNDS	N.A.	2,3	.....	**
Beryllium ^{III}	7440–41–7	2,3,4	P015	10 (4.54)
Beryllium chloride	7787–47–5	1	.....	1 (0.454)
Beryllium compounds	N.A.	2,3	.....	**
Beryllium fluoride	7787–49–7	1	.....	1 (0.454)
Beryllium nitrate	13597–99–4	1	.....	1 (0.454)
Beryllium powder ^{III}	7787–55–5	2,3,4	P015	10 (4.54)
alpha-BHC	7440–41–7	2	.....	10 (4.54)
beta-BHC	319–84–6	2	.....	1 (0.454)
delta-BHC	319–85–7	2	.....	1 (0.454)
gamma-BHC	319–86–8	2	.....	1 (0.454)
2,2'-Bioxirane	58–89–9	1,2,3,4	U129	1 (0.454)
Biphenyl	1464–53–5	4	U085	10 (4.54)
[1,1'-Biphenyl]-4,4'-diamine	92–52–4	3	.....	100 (45.4)
[1,1'-Biphenyl]-4,4'-diamine,3,3'-dichloro-	92–87–5	2,3,4	U021	1 (0.454)
[1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethoxy-	91–94–1	2,3,4	U073	1 (0.454)
[1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethyl-	119–90–4	3,4	U091	100 (45.4)
Bis(2-chloroethoxy) methane	119–93–7	3,4	U095	10 (4.54)
Bis(2-chloroethyl) ether	111–91–1	2,4	U024	1000 (454)
Bis(chloromethyl) ether	111–44–4	2,3,4	U025	10 (4.54)
Bis(2-ethylhexyl) phthalate	542–88–1	3,4	P016	10 (4.54)
Bromoacetone	117–81–7	3,4	U028	100 (45.4)
1-Bromopropane (1-BP)	598–31–2	4	P017	1000 (454)
Bromoform	106–94–5	3	.....	1 (0.454)
Bromomethane	75–25–2	2,3,4	U225	100 (45.4)
4-Bromophenyl phenyl ether	74–83–9	2,3,4	U029	1000 (454)
Brucine	101–55–3	2,4	U030	100 (45.4)
1,3-Butadiene	357–57–3	4	P018	100 (45.4)
1,3-Butadiene, 1,1,2,3,4,4-hexachloro-	106–99–0	3	.....	10 (4.54)
1-Butanamine, N-butyl-N-nitroso-	87–68–3	2,3,4	U128	1 (0.454)
1-Butanol	924–16–3	4	U172	10 (4.54)
2-Butanone	71–36–3	4	U031	5000 (2270)
2-Butanone, 3,3-dimethyl-1(methylthio)-, O-[(methylamino)carbonyl] oxime.	78–93–3	4	U159	5000 (2270)
2-Butanone peroxide	39196–18–4	4	P045	100 (45.4)
2-Butenal	1338–23–4	4	U160	10 (4.54)
2-Butene, 1,4-dichloro-	123–73–9	1,4	U053	100 (45.4)
2-Butenoic acid, 2-methyl-, 7-[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy] methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester, [1S-[1alpha(Z), 7(2S*,3R*),7aalpha]]-.	4170–30–3	4	U074	1 (0.454)
Butyl acetate	764–41–0	4	U143	10 (4.54)
iso-Butyl acetate	303–34–4	4	.....	5000 (2270)
sec-Butyl acetate	123–86–4	1	.....	5000 (2270)
tert-Butyl acetate	110–19–0	1	.....	5000 (2270)
n-Butyl alcohol	105–46–4	1	.....	5000 (2270)
Butylamine	540–88–5	1	.....	5000 (2270)
iso-Butylamine	71–36–3	4	U031	5000 (2270)
sec-Butylamine	109–73–9	1	.....	1000 (454)
tert-Butylamine	78–81–9	1	.....	1000 (454)
Butyl benzyl phthalate	513–49–5	1	.....	1000 (454)
n-Butyl phthalate	13952–64–6	1	.....	1000 (454)
Butyric acid	75–64–9	1	.....	100 (45.4)
iso-Butyric acid	85–68–7	2	.....	10 (4.54)
Cacodylic acid	84–74–2	1,2,3,4	U069	10 (4.54)
CADMIUM AND COMPOUNDS	107–92–6	1	.....	5000 (2270)
Cadmium ^{III}	79–31–2	1	.....	5000 (2270)
Cadmium acetate	75–60–5	4	U136	1 (0.454)
Cadmium bromide	N.A.	2,3	.....	**
Cadmium chloride	7440–43–9	2	.....	10 (4.54)
Cadmium compounds	543–90–8	1		10 (4.54)
Calcium arsenate	7789–42–6	1		10 (4.54)
.....	10108–64–2	1		10 (4.54)
.....	N.A.	2,3		**
.....	7778–44–1	1		1 (0.454)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ¹¹	RCRA waste No.	Final RQ [pounds (kg)]
Calcium arsenite	52740-16-6	1	.....	1 (0.454)
Calcium carbide	75-20-7	1	.....	10 (4.54)
Calcium chromate	13765-19-0	1,4	U032	10 (4.54)
Calcium cyanamide	156-62-7	3	.....	1000 (454)
Calcium cyanide Ca(CN) ₂	592-01-8	1,4	P021	10 (4.54)
Calcium dodecylbenzenesulfonate	26264-06-2	1	.....	1000 (454)
Calcium hypochlorite	7778-54-3	1	.....	10 (4.54)
Captan	133-06-2	1,3	.....	10 (4.54)
Carbamic acid, 1H-benzimidazol-2-yl, methyl ester ...	10605-21-7	4	U372	10 (4.54)
Carbamic acid, [1-[(butylamino)carbonyl]-1H-benzimidazol-2-yl]-, methyl ester.	17804-35-2	4	U271	10 (4.54)
Carbamic acid, (3-chlorophenyl)-, 4-chloro-2-butynyl ester.	101-27-9	4	U280	10 (4.54)
Carbamic acid, [(dibutylamino)-thio]methyl-, 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ester.	55285-14-8	4	P189	1000 (454)
Carbamic acid, dimethyl-, 1-[(dimethylamino)carbonyl]-5-methyl-1H-pyrazol-3-yl ester.	644-64-4	4	P191	1 (0.454)
Carbamic acid, dimethyl-, 3-methyl-1-(1-methylethyl)-1H-pyrazol-5-yl ester.	119-38-0	4	P192	100 (45.4)
Carbamic acid, ethyl ester	51-79-6	3,4	U238	100 (45.4)
Carbamic acid, methyl-, 3-methylphenyl ester	1129-41-5	4	P190	1000 (454)
Carbamic acid, methylnitroso-, ethyl ester	615-53-2	4	U178	1 (0.454)
Carbamic acid, [1,2-phenylenebis(iminocarbonothioyl)]bis-, dimethyl ester.	23564-05-8	4	U409	10 (4.54)
Carbamic acid, phenyl-, 1-methylethyl ester	122-42-9	4	U373	1000 (454)
Carbamic chloride, dimethyl-	79-44-7	3,4	U097	1 (0.454)
Carbamodithioic acid, 1,2-ethanedithiolbis-, salts & esters.	111-54-6	4	U114	5000 (2270)
Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester.	2303-16-4	4	U062	100 (45.4)
Carbamothioic acid, bis(1-methylethyl)-, S-(2,3,3-trichloro-2-propenyl) ester.	2303-17-5	4	U389	100 (45.4)
Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester	52888-80-9	4	U387	5000 (2270)
Carbaryl	63-25-2	1,3,4	U279	100 (45.4)
Carbendazim	10605-21-7	4	U372	10 (4.54)
Carbofuran	1563-66-2	1,4	P127	10 (4.54)
Carbofuran phenol	1563-38-8	4	U367	10 (4.54)
Carbon disulfide	75-15-0	1,3,4	P022	100 (45.4)
Carbonic acid, dithallium(1 +) salt	6533-73-9	4	U215	100 (45.4)
Carbonic dichloride	75-44-5	1,3,4	P095	10 (4.54)
Carbonic difluoride	353-50-4	4	U033	1000 (454)
Carbonochloridic acid, methyl ester	79-22-1	4	U156	1000 (454)
Carbon oxyfluoride	353-50-4	4	U033	1000 (454)
Carbon tetrachloride	56-23-5	1,2,3,4	U211	10 (4.54)
Carbonyl sulfide	463-58-1	3	.....	100 (45.4)
Carbosulfan	55285-14-8	4	P189	1000 (454)
Catechol	120-80-9	3	.....	100 (45.4)
Chloral	75-87-6	4	U034	5000 (2270)
Chloramben	133-90-4	3	.....	100 (45.4)
Chlorambucil	305-03-3	4	U035	10 (4.54)
CHLORDANE (TECHNICAL MIXTURE AND METABOLITES).	57-74-9	1,2,3,4	U036	1 (0.454)
Chlordane	57-74-9	1,2,3,4	U036	1 (0.454)
Chlordane, alpha & gamma isomers	5103-71-9	1,2,3,4	U036	1 (0.454)
.....	5103-74-2	.....	.....	.....
CHLORINATED BENZENES	N.A.	2	.....	**
Chlorinated camphene	8001-35-2	1,2,3,4	P123	1 (0.454)
CHLORINATED ETHANES	N.A.	2	.....	**
CHLORINATED NAPHTHALENE	N.A.	2	.....	**
CHLORINATED PHENOLS	N.A.	2	.....	**
Chlorine	7782-50-5	1,3	.....	10 (4.54)
Chlornaphazine	494-03-1	4	U026	100 (45.4)
Chloroacetaldehyde	107-20-0	4	P023	1000 (454)
Chloroacetic acid	79-11-8	3	.....	100 (45.4)
2-Chloroacetophenone	532-27-4	3	.....	100 (45.4)
CHLOROALKYL ETHERS	N.A.	2	.....	**
p-Chloroaniline	106-47-8	4	P024	1000 (454)
Chlorobenzene	108-90-7	1,2,3,4	U037	100 (45.4)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ¹¹	RCRA waste No.	Final RQ [pounds (kg)]
Chlorobenzilate	510–15–6	3,4	U038	10 (4.54)
p-Chloro-m-cresol	59–50–7	2,4	U039	5000 (2270)
Chlorodibromomethane	124–48–1	2	.....	100 (45.4)
1-Chloro-2,3-epoxypropane	106–89–8	1,3,4	U041	100 (45.4)
Chloroethane	75–00–3	2,3	.....	100 (45.4)
2-Chloroethyl vinyl ether	110–75–8	2,4	U042	1000 (454)
Chloroform	67–66–3	1,2,3,4	U044	10 (4.54)
Chloromethane	74–87–3	2,3,4	U045	100 (45.4)
Chloromethyl methyl ether	107–30–2	3,4	U046	10 (4.54)
beta-Chloronaphthalene	91–58–7	2,4	U047	5000 (2270)
2-Chloronaphthalene	91–58–7	2,4	U047	5000 (2270)
2-Chlorophenol	95–57–8	2,4	U048	100 (45.4)
o-Chlorophenol	95–57–8	2,4	U048	100 (45.4)
4-Chlorophenyl phenyl ether	7005–72–3	2	.....	5000 (2270)
1-(o-Chlorophenyl)thiourea	5344–82–1	4	P026	100 (45.4)
Chloroprene	126–99–8	3	.....	100 (45.4)
3-Chloropropionitrile	542–76–7	4	P027	1000 (454)
Chlorosulfonic acid	7790–94–5	1	.....	1000 (454)
4-Chloro-o-toluidine, hydrochloride	3165–93–3	4	U049	100 (45.4)
Chlorpyrifos	2921–88–2	1	.....	1 (0.454)
Chromic acetate	1066–30–4	1	.....	1000 (454)
Chromic acid	7738–94–5	1	.....	10 (4.54)
Chromic acid H ₂ CrO ₄ , calcium salt	13765–19–0	1,4	U032	10 (4.54)
Chromic sulfate	10101–53–8	1	.....	1000 (454)
CHROMIUM AND COMPOUNDS	N.A.	2,3	.....	**
Chromium Compounds	N.A.	2,3	.....	**
Chromium ^{III}	7440–47–3	2	.....	5000 (2270)
Chromous chloride	10049–05–5	1	.....	1000 (454)
Chrysene	218–01–9	2,4	U050	100 (45.4)
Cobalt Compounds	N.A.	3	.....	**
Cobaltous bromide	7789–43–7	1	.....	1000 (454)
Cobaltous formate	544–18–3	1	.....	1000 (454)
Cobaltous sulfamate	14017–41–5	1	.....	1000 (454)
Coke Oven Emissions	N.A.	3	.....	1 (0.454)
COPPER AND COMPOUNDS	N.A.	2	.....	**
Copper ^{III}	7440–50–8	2	.....	5000 (2270)
Copper cyanide Cu(CN)	544–92–3	4	P029	10 (4.54)
Coumaphos	56–72–4	1	.....	10 (4.54)
Creosote	N.A.	4	U051	1 (0.454)
Cresol (cresylic acid)	1319–77–3	1,3,4	U052	100 (45.4)
m-Cresol	108–39–4	3	.....	100 (45.4)
o-Cresol	95–48–7	3	.....	100 (45.4)
p-Cresol	106–44–5	3	.....	100 (45.4)
Cresols (isomers and mixture)	1319–77–3	1,3,4	U052	100 (45.4)
Cresylic acid (isomers and mixture)	1319–77–3	1,3,4	U052	100 (45.4)
Crotonaldehyde	123–73–9	1,4	U053	100 (45.4)
.....	4170–30–3	.....	.....	.....
Cumene	98–82–8	3,4	U055	5000 (2270)
m-Cumenyl methylcarbamate	64–00–6	4	P202	10 (4.54)
Cupric acetate	142–71–2	1	.....	100 (45.4)
Cupric acetoarsenite	12002–03–8	1	.....	1 (0.454)
Cupric chloride	7447–39–4	1	.....	10 (4.54)
Cupric nitrate	3251–23–8	1	.....	100 (45.4)
Cupric oxalate	55671–32–4	1	.....	100 (45.4)
Cupric sulfate	7758–98–7	1	.....	10 (4.54)
Cupric sulfate, ammoniated	10380–29–7	1	.....	100 (45.4)
Cupric tartrate	815–62–7	1	.....	100 (45.4)
CYANIDES	N.A.	2,3	.....	**
Cyanide Compounds	N.A.	2,3	.....	**
Cyanides (soluble salts and complexes) not otherwise specified.	N.A.	4	P030	10 (4.54)
Cyanogen	460–19–5	4	P031	100 (45.4)
Cyanogen bromide (CN)Br	506–68–3	4	U246	1000 (454)
Cyanogen chloride (CN)Cl	506–77–4	1,4	P033	10 (4.54)
2,5-Cyclohexadiene-1,4-dione	106–51–4	3,4	U197	10 (4.54)
Cyclohexane	110–82–7	1,4	U056	1000 (454)
Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1 α , 2 α , 3 β -, 4 α , 5 α , 6 β).	58–89–9	1,2,3,4	U129	1 (0.454)
Cyclohexanone	108–94–1	4	U057	5000 (2270)
2-Cyclohexyl-4,6-dinitrophenol	131–89–5	4	P034	100 (45.4)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ¹¹	RCRA waste No.	Final RQ [pounds (kg)]
1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	77-47-4	1,2,3,4	U130	10 (4.54)
Cyclophosphamide	50-18-0	4	U058	10 (4.54)
2,4-D Acid	94-75-7	1,3,4	U240	100 (45.4)
2,4-D Ester	94-11-1	1	.....	100 (45.4)
	94-79-1			
	94-80-4			
	1320-18-9			
	1928-38-7			
	1928-61-6			
	1929-73-3			
	2971-38-2			
	25168-26-7			
	53467-11-1			
2,4-D, salts and esters	94-75-7	1,3,4	U240	100 (45.4)
Daunomycin	20830-81-3	4	U059	10 (4.54)
DDD	72-54-8	1,2,4	U060	1 (0.454)
4,4'-DDD	72-54-8	1,2,4	U060	1 (0.454)
DDE ^b	72-55-9	2,4	.....	1 (0.454)
DDE ^b	3547-04-4	3	.....	5000 (2270)
4,4'-DDE	72-55-9	2,4	.....	1 (0.454)
DDT	50-29-3	1,2,4	U061	1 (0.454)
4,4'-DDT	50-29-3	1,2,4	U061	1 (0.454)
DDT AND METABOLITES	N.A.	2	.....	**
DEHP	117-81-7	2,3,4	U028	100 (45.4)
Diallate	2303-16-4	4	U062	100 (45.4)
Diazinon	333-41-5	1	.....	1 (0.454)
Diazomethane	334-88-3	3	.....	100 (45.4)
Dibenz[a,h]anthracene	53-70-3	2,4	U063	1 (0.454)
1,2:5,6-Dibenzanthracene	53-70-3	2,4	U063	1 (0.454)
Dibenzo[a,h]anthracene	53-70-3	2,4	U063	1 (0.454)
Dibenzofuran	132-64-9	3	.....	100 (45.4)
Dibenzo[a,l]pyrene	189-55-9	4	U064	10 (4.54)
1,2-Dibromo-3-chloropropane	96-12-8	3,4	U066	1 (0.454)
Dibromoethane	106-93-4	1,3,4	U067	1 (0.454)
Dibutyl phthalate	84-74-2	1,2,3,4	U069	10 (4.54)
Di-n-butyl phthalate	84-74-2	1,2,3,4	U069	10 (4.54)
Dicamba	1918-00-9	1	.....	1000 (454)
Dichlobenil	1194-65-6	1	.....	100 (45.4)
Dichlone	117-80-6	1	.....	1 (0.454)
Dichlorobenzene	25321-22-6	1,2	.....	100 (45.4)
1,2-Dichlorobenzene	95-50-1	1,2,4	U070	100 (45.4)
1,3-Dichlorobenzene	541-73-1	2,4	U071	100 (45.4)
1,4-Dichlorobenzene	106-46-7	1,2,3,4	U072	100 (45.4)
m-Dichlorobenzene	541-73-1	2,4	U071	100 (45.4)
o-Dichlorobenzene	95-50-1	1,2,4	U070	100 (45.4)
p-Dichlorobenzene	106-46-7	1,2,3,4	U072	100 (45.4)
DICHLOROBENZIDINE	1331-47-1	2	.....	**
3,3'-Dichlorobenzidine	91-94-1	2,3,4	U073	1 (0.454)
Dichlorobromomethane	75-27-4	2	.....	5000 (2270)
1,4-Dichloro-2-butene	764-41-0	4	U074	1 (0.454)
Dichlorodifluoromethane	75-71-8	4	U075	5000 (2270)
1,1-Dichloroethane	75-34-3	2,3,4	U076	1000 (454)
1,2-Dichloroethane	107-06-2	1,2,3,4	U077	100 (45.4)
1,1-Dichloroethylene	75-35-4	1,2,3,4	U078	100 (45.4)
1,2-Dichloroethylene	156-60-5	2,4	U079	1000 (454)
Dichloroethyl ether	111-44-4	2,3,4	U025	10 (4.54)
Dichloroisopropyl ether	108-60-1	2,4	U027	1000 (454)
Dichloromethane	75-09-2	2,3,4	U080	1000 (454)
Dichloromethoxy ethane	111-91-1	2,4	U024	1000 (454)
Dichloromethyl ether	542-88-1	3,4	P016	10 (4.54)
2,4-Dichlorophenol	120-83-2	2,4	U081	100 (45.4)
2,6-Dichlorophenol	87-65-0	4	U082	100 (45.4)
Dichlorophenylarsine	696-28-6	4	P036	1 (0.454)
Dichloropropane	26638-19-7	1,2	.....	1000 (454)
1,1-Dichloropropane	78-99-9	1,2	.....	1000 (454)
1,2-Dichloropropane	78-87-5	1,2,3,4	U083	1000 (454)
1,3-Dichloropropane	142-28-9	1,2	.....	1000 (454)
Dichloropropane—Dichloropropene (mixture)	8003-19-8	1	.....	100 (45.4)
Dichloropropene	26952-23-8	1,2	.....	100 (45.4)
1,3-Dichloropropene	542-75-6	1,2,3,4	U084	100 (45.4)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ²	RCRA waste No.	Final RQ [pounds (kg)]
2,3-Dichloropropene	78–88–6	1,2	.....	100 (45.4)
2,2-Dichloropropionic acid	75–99–0	1	.....	5000 (2270)
Dichlorvos	62–73–7	1,3	.....	10 (4.54)
Dicofol	115–32–2	1	.....	10 (4.54)
Dieldrin	60–57–1	1,2,4	P037	1 (0.454)
1,2,3,4-Diepoxybutane	1464–53–5	4	U085	10 (4.54)
Diethanolamine	111–42–2	3	.....	100 (45.4)
Diethylamine	109–89–7	1	.....	100 (45.4)
N,N-Diethylaniline	91–66–7	3	.....	1000 (454)
Diethylarsine	692–42–2	4	P038	1 (0.454)
1,4-Diethyleneoxide	123–91–1	3,4	U108	100 (45.4)
Diethylene glycol, dicarbamate	5952–26–1	4	U395	5000 (2270)
Diethylhexyl phthalate	117–81–7	2,3,4	U028	100 (45.4)
N,N'-Diethylhydrazine	1615–80–1	4	U086	10 (4.54)
O,O-Diethyl S-methyl dithiophosphate	3288–58–2	4	U087	5000 (2270)
Diethyl-p-nitrophenyl phosphate	311–45–5	4	P041	100 (45.4)
Diethyl phthalate	84–66–2	2,4	U088	1000 (454)
O,O-Diethyl O-pyrazinyl phosphorothioate	297–97–2	4	P040	100 (45.4)
Diethylstilbestrol	56–53–1	4	U089	1 (0.454)
Diethyl sulfate	64–67–5	3	.....	10 (4.54)
Dihydrosafrole	94–58–6	4	U090	10 (4.54)
Diisopropylfluorophosphate (DFP)	55–91–4	4	P043	100 (45.4)
1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4beta,5alpha,8alpha,8beta)-	309–00–2	1,2,4	P004	1 (0.454)
1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4beta,5beta,8beta,8beta)-	465–73–6	4	P060	1 (0.454)
2,7:3,6-Dimethanonaphth[2,3-b]oxirene,3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1alpha,2beta,2alpha,3beta,6beta,6alpha,7beta,7alpha)-	60–57–1	1,2,4	P037	1 (0.454)
2,7:3,6-Dimethanonaphth[2,3-b]oxirene,3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1alpha,2beta,2alpha,3beta,6beta,6alpha,6beta,7beta,7alpha)-, & metabolites	72–20–8	1,2,4	P051	1 (0.454)
Dimethoate	60–51–5	4	P044	10 (4.54)
3,3'-Dimethoxybenzidine	119–90–4	3,4	U091	100 (45.4)
Dimethylamine	124–40–3	1,4	U092	1000 (454)
Dimethyl aminoazobenzene	60–11–7	3,4	U093	10 (4.54)
p-Dimethylaminoazobenzene	60–11–7	3,4	U093	10 (4.54)
N,N-Dimethylaniline	121–69–7	3	.....	100 (45.4)
7,12-Dimethylbenz[a]anthracene	57–97–6	4	U094	1 (0.454)
3,3'-Dimethylbenzidine	119–93–7	3,4	U095	10 (4.54)
alpha, alpha-Dimethylbenzylhydroperoxide	80–15–9	4	U096	10 (4.54)
Dimethylcarbamoyl chloride	79–44–7	3,4	U097	1 (0.454)
Dimethylformamide	68–12–2	3	.....	100 (45.4)
1,1-Dimethylhydrazine	57–14–7	3,4	U098	10 (4.54)
1,2-Dimethylhydrazine	540–73–8	4	U099	1 (0.454)
alpha, alpha-Dimethylphenethylamine	122–09–8	4	P046	5000 (2270)
2,4-Dimethylphenol	105–67–9	2,4	U101	100 (45.4)
Dimethyl phthalate	131–11–3	2,3,4	U102	5000 (2270)
Dimethyl sulfate	77–78–1	3,4	U103	100 (45.4)
Dimetilan	644–64–4	4	P191	1 (0.454)
Dinitrobenzene (mixed)	25154–54–5	1	.....	100 (45.4)
m-Dinitrobenzene	99–65–0	1	.....	100 (45.4)
o-Dinitrobenzene	528–29–0	1	.....	100 (45.4)
p-Dinitrobenzene	100–25–4	1	.....	100 (45.4)
4,6-Dinitro-o-cresol	534–52–1	2,3,4	P047	10 (4.54)
4,6-Dinitro-o-cresol, and salts	534–52–1	3,4	P047	10 (4.54)
Dinitrophenol	25550–58–7	1	.....	10 (4.54)
2,4-Dinitrophenol	51–28–5	1,2,3,4	P048	10 (4.54)
2,5-Dinitrophenol	329–71–5	1	.....	10 (4.54)
2,6-Dinitrophenol	573–56–8	1	.....	10 (4.54)
Dinitrotoluene	25321–14–6	1,2	.....	10 (4.54)
2,4-Dinitrotoluene	121–14–2	1,2,3,4	U105	10 (4.54)
2,6-Dinitrotoluene	606–20–2	1,2,4	U106	100 (45.4)
3,4-Dinitrotoluene	610–39–9	1,2	.....	10 (4.54)
Dinoseb	88–85–7	4	P020	1000 (454)
Di-n-octyl phthalate	117–84–0	2,4	U107	5000 (2270)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ¹¹	RCRA waste No.	Final RQ [pounds (kg)]
1,4-Dioxane	123-91-1	3,4	U108	100 (45.4)
DIPHENYLHYDRAZINE	38622-18-3	2	.....	**
1,2-Diphenylhydrazine	122-66-7	2,3,4	U109	10 (4.54)
Diphosphoramidate, octamethyl-	152-16-9	4	P085	100 (45.4)
Diphosphoric acid, tetraethyl ester	107-49-3	1,4	P111	10 (4.54)
Dipropylamine	142-84-7	4	U110	5000 (2270)
Di-n-propylnitrosamine	621-64-7	2,4	U111	10 (4.54)
Diquat	85-00-7	1	.....	1000 (454)
.....	2764-72-9	.....	.....	.....
Disulfoton	298-04-4	1,4	P039	1 (0.454)
Dithiobiuret	541-53-7	4	P049	100 (45.4)
1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O- [(methylamino)-carbonyl]oxime.	26419-73-8	4	P185	100 (45.4)
Diuron	330-54-1	1	.....	100 (45.4)
Dodecylbenzenesulfonic acid	27176-87-0	1	.....	1000 (454)
ENDOSULFAN AND METABOLITES	N.A.	2	.....	**
Endosulfan	115-29-7	1,2,4	P050	1 (0.454)
alpha-Endosulfan	959-98-8	2	.....	1 (0.454)
beta-Endosulfan	33213-65-9	2	.....	1 (0.454)
Endosulfan sulfate	1031-07-8	2	.....	1 (0.454)
Endothall	145-73-3	4	P088	1000 (454)
ENDRIN AND METABOLITES	N.A.	2,4	P051	**
Endrin, & metabolites	72-20-8	1,2,4	P051	1 (0.454)
Endrin	72-20-8	1,2,4	P051	1 (0.454)
Endrin aldehyde	7421-93-4	2	.....	1 (0.454)
Epichlorohydrin	106-89-8	1,3,4	U041	100 (45.4)
Epinephrine	51-43-4	4	P042	1000 (454)
1,2-Epoxybutane	106-88-7	3	.....	100 (45.4)
Ethanal	75-07-0	1,3,4	U001	1000 (454)
Ethanamine, N,N-diethyl-	121-44-8	1,3,4	U404	5000 (2270)
Ethanamine, N-ethyl-N-nitroso-	55-18-5	4	U174	1 (0.454)
1,2-Ethanediamine, N,N-dimethyl-N'-2- pyridinyl-N'- (2- thienylmethyl)-.	91-80-5	4	U155	5000 (2270)
Ethane, 1,2-dibromo-	106-93-4	1,3,4	U067	1 (0.454)
Ethane, 1,1-dichloro-	75-34-3	2,3,4	U076	1000 (454)
Ethane, 1,2-dichloro-	107-06-2	1,2,3,4	U077	100 (45.4)
Ethanedinitrile	460-19-5	4	P031	100 (45.4)
Ethane, hexachloro-	67-72-1	2,3,4	U131	100 (45.4)
Ethane, 1,1'-[methylenebis(oxy)]bis[2- chloro-	111-91-1	2,4	U024	1000 (454)
Ethane, 1,1'-oxybis-	60-29-7	4	U117	100 (45.4)
Ethane, 1,1'-oxybis[2-chloro-	111-44-4	2,3,4	U025	10 (4.54)
Ethane, pentachloro-	76-01-7	4	U184	10 (4.54)
Ethane, 1,1,1,2-tetrachloro-	630-20-6	4	U208	100 (45.4)
Ethane, 1,1,2,2-tetrachloro-	79-34-5	2,3,4	U209	100 (45.4)
Ethanethioamide	62-55-5	4	U218	10 (4.54)
Ethane, 1,1,1-trichloro-	71-55-6	2,3,4	U226	1000 (454)
Ethane, 1,1,2-trichloro-	79-00-5	2,3,4	U227	100 (45.4)
Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy- 2-oxo-, methyl ester.	30558-43-1	4	U394	5000 (2270)
Ethanimidothioic acid, 2-(dimethylamino)-N- [[[(methylamino)carbonyl]oxy]-2-oxo-, methyl ester.	23135-22-0	4	P194	100 (45.4)
Ethanimidothioic acid, N-[[[(methylamino) car- bonyl]oxy]-, methyl ester.	16752-77-5	4	P066	100 (45.4)
Ethanimidothioic acid, N,N'- [thiobis[(methylimino) carbonyloxy]]bis-, dimethyl ester.	59669-26-0	4	U410	100 (45.4)
Ethanol, 2-ethoxy-	110-80-5	4	U359	1000 (454)
Ethanol, 2,2'-(nitrosoimino)bis-	1116-54-7	4	U173	1 (0.454)
Ethanol, 2,2'-oxybis-, dicarbamate	5952-26-1	4	U395	5000 (2270)
Ethanone, 1-phenyl-	98-86-2	3,4	U004	5000 (2270)
Ethene, chloro-	75-01-4	2,3,4	U043	1 (0.454)
Ethene, (2-chloroethoxy)-	110-75-8	2,4	U042	1000 (454)
Ethene, 1,1-dichloro-	75-35-4	1,2,3,4	U078	100 (45.4)
Ethene, 1,2-dichloro-(E)	156-60-5	2,4	U079	1000 (454)
Ethene, tetrachloro-	127-18-4	2,3,4	U210	100 (45.4)
Ethene, trichloro-	79-01-6	1,2,3,4	U228	100 (45.4)
Ethion	563-12-2	1	.....	10 (4.54)
Ethyl acetate	141-78-6	4	U112	5000 (2270)
Ethyl acrylate	140-88-5	3,4	U113	1000 (454)
Ethylbenzene	100-41-4	1,2,3		1000 (454)
Ethyl carbamate	51-79-6	3,4	U238	100 (45.4)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ¹¹	RCRA waste No.	Final RQ [pounds (kg)]
Ethyl chloride	75–00–3	2,3		100 (45.4)
Ethyl cyanide	107–12–0	4	P101	10 (4.54)
Ethylenebisdithiocarbamic acid, salts & esters	111–54–6	4	U114	5000 (2270)
Ethylenediamine	107–15–3	1		5000 (2270)
Ethylenediamine-tetraacetic acid (EDTA)	60–00–4	1		5000 (2270)
Ethylene dibromide	106–93–4	1,3,4	U067	1 (0.454)
Ethylene dichloride	107–06–2	1,2,3,4	U077	100 (45.4)
Ethylene glycol	107–21–1	3		5000 (2270)
Ethylene glycol monoethyl ether	110–80–5	4	U359	1000 (454)
Ethylene oxide	75–21–8	3,4	U115	10 (4.54)
Ethylenethiourea	96–45–7	3,4	U116	10 (4.54)
Ethylenimine	151–56–4	3,4	P054	1 (0.454)
Ethyl ether	60–29–7	4	U117	100 (45.4)
Ethylidene dichloride	75–34–3	2,3,4	U076	1000 (454)
Ethyl methacrylate	97–63–2	4	U118	1000 (454)
Ethyl methanesulfonate	62–50–0	4	U119	1 (0.454)
Famphur	52–85–7	4	P097	1000 (454)
Ferric ammonium citrate	1185–57–5	1		1000 (454)
Ferric ammonium oxalate	2944–67–4	1		1000 (454)
	55488–87–4			
Ferric chloride	7705–08–0	1		1000 (454)
Ferric fluoride	7783–50–8	1		100 (45.4)
Ferric nitrate	10421–48–4	1		1000 (454)
Ferric sulfate	10028–22–5	1		1000 (454)
Ferrous ammonium sulfate	10045–89–3	1		1000 (454)
Ferrous chloride	7758–94–3	1		100 (45.4)
Ferrous sulfate	7720–78–7	1		1000 (454)
	7782–63–0			
Fine mineral fibers ^c	N.A.	3		**
Fluoranthene	206–44–0	2,4	U120	100 (45.4)
Fluorene	86–73–7	2		5000 (2270)
Fluorine	7782–41–4	4	P056	10 (4.54)
Fluoroacetamide	640–19–7	4	P057	100 (45.4)
Fluoroacetic acid, sodium salt	62–74–8	4	P058	10 (4.54)
Formaldehyde	50–00–0	1,3,4	U122	100 (45.4)
Formetanate hydrochloride	23422–53–9	4	P198	100 (45.4)
Formic acid	64–18–6	1,4	U123	5000 (2270)
Formparanate	17702–57–7	4	P197	100 (45.4)
Fulminic acid, mercury(2 +)salt	628–86–4	4	P065	10 (4.54)
Fumaric acid	110–17–8	1		5000 (2270)
Furan	110–00–9	4	U124	100 (45.4)
2-Furancarboxaldehyde	98–01–1	1,4	U125	5000 (2270)
2,5-Furandione	108–31–6	1,3,4	U147	5000 (2270)
Furan, tetrahydro-	109–99–9	4	U213	1000 (454)
Furfural	98–01–1	1,4	U125	5000 (2270)
Furfuran	110–00–9	4	U124	100 (45.4)
Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoareido)-,D-	18883–66–4	4	U206	1 (0.454)
D-Glucose, 2-deoxy-2-[[[(methylnitrosoamino)-carbonyl]amino]-	18883–66–4	4	U206	1 (0.454)
Glycidylaldehyde	765–34–4	4	U126	10 (4.54)
Glycol ethers ^d	N.A.	3		**
Guanidine, N-methyl-N'-nitro-N-nitroso-	70–25–7	4	U163	10 (4.54)
Guthion	86–50–0	1		1 (0.454)
HALOETHERS	N.A.	2		**
HALOMETHANES	N.A.	2		**
HEPTACHLOR AND METABOLITES	N.A.	2		**
Heptachlor	76–44–8	1,2,3,4	P059	1 (0.454)
Heptachlor epoxide	1024–57–3	2		1 (0.454)
Hexachlorobenzene	118–74–1	2,3,4	U127	10 (4.54)
Hexachlorobutadiene	87–68–3	2,3,4	U128	1 (0.454)
HEXACHLOROCYCLOHEXANE (all isomers)	608–73–1	2		**
Hexachlorocyclopentadiene	77–47–4	1,2,3,4	U130	10 (4.54)
Hexachloroethane	67–72–1	2,3,4	U131	100 (45.4)
Hexachlorophene	70–30–4	4	U132	100 (45.4)
Hexachloropropene	1888–71–7	4	U243	1000 (454)
Hexaethyl tetraphosphate	757–58–4	4	P062	100 (45.4)
Hexamethylene-1,6-diisocyanate	822–06–0	3		100 (45.4)
Hexamethylphosphoramide	680–31–9	3		1 (0.454)
Hexane	110–54–3	3		5000 (2270)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ¹¹	RCRA waste No.	Final RQ [pounds (kg)]
Hexone	108–10–1	3,4	U161	5000 (2270)
Hydrazine	302–01–2	3,4	U133	1 (0.454)
Hydrazinecarbothioamide	79–19–6	4	P116	100 (45.4)
Hydrazine, 1,2-diethyl-	1615–80–1	4	U086	10 (4.54)
Hydrazine, 1,1-dimethyl-	57–14–7	3,4	U098	10 (4.54)
Hydrazine, 1,2-dimethyl-	540–73–8	4	U099	1 (0.454)
Hydrazine, 1,2-diphenyl-	122–66–7	2,3,4	U109	10 (4.54)
Hydrazine, methyl-	60–34–4	3,4	P068	10 (4.54)
Hydrochloric acid	7647–01–0	1,3	.....	5000 (2270)
Hydrocyanic acid	74–90–8	1,4	P063	10 (4.54)
Hydrofluoric acid	7664–39–3	1,3,4	U134	100 (45.4)
Hydrogen chloride	7647–01–0	1,3	.....	5000 (2270)
Hydrogen cyanide	74–90–8	1,4	P063	10 (4.54)
Hydrogen fluoride	7664–39–3	1,3,4	U134	100 (45.4)
Hydrogen phosphide	7803–51–2	3,4	P096	100 (45.4)
Hydrogen sulfide H ₂ S	7783–06–4	1,4	U135	100 (45.4)
Hydroperoxide, 1-methyl-1-phenylethyl-	80–15–9	4	U096	10 (4.54)
Hydroquinone	123–31–9	3	.....	100 (45.4)
2-Imidazolidinethione	96–45–7	3,4	U116	10 (4.54)
Indeno(1,2,3-cd)pyrene	193–39–5	2,4	U137	100 (45.4)
Iodomethane	74–88–4	3,4	U138	100 (45.4)
1,3-Isobenzofurandione	85–44–9	3,4	U190	5000 (2270)
Isobutyl alcohol	78–83–1	4	U140	5000 (2270)
Isodrin	465–73–6	4	P060	1 (0.454)
Isolan	119–38–0	4	P192	100 (45.4)
Isophorone	78–59–1	2,3	.....	5000 (2270)
Isoprene	78–79–5	1	.....	100 (45.4)
Isopropanolamine dodecylbenzenesulfonate	42504–46–1	1	.....	1000 (454)
3-Isopropylphenyl N-methylcarbamate	64–00–6	4	P202	10 (4.54)
Isosafrole	120–58–1	4	U141	100 (45.4)
3(2H)-Isoxazalone, 5-(aminomethyl)-	2763–96–4	4	P007	1000 (454)
Kepone	143–50–0	1,4	U142	1 (0.454)
Lasiocarpine	303–34–4	4	U143	10 (4.54)
LEAD AND COMPOUNDS	N.A.	2,3	.....	**
Lead ^{III}	7439–92–1	2	.....	10 (4.54)
Lead acetate	301–04–2	1,4	U144	10 (4.54)
Lead arsenate	7784–40–9	1	.....	1 (0.454)
.....	7645–25–2	.....	.....	.....
.....	10102–48–4	.....	.....	.....
Lead, bis(acetato-O)tetrahydroxytri-	1335–32–6	4	U146	10 (4.54)
Lead chloride	7758–95–4	1	.....	10 (4.54)
Lead compounds	N.A.	2,3	.....	**
Lead fluoborate	13814–96–5	1	.....	10 (4.54)
Lead fluoride	7783–46–2	1	.....	10 (4.54)
Lead iodide	10101–63–0	1	.....	10 (4.54)
Lead nitrate	10099–74–8	1	.....	10 (4.54)
Lead phosphate	7446–27–7	4	U145	10 (4.54)
Lead stearate	1072–35–1	1	.....	10 (4.54)
.....	7428–48–0	.....	.....	.....
.....	56189–09–4	.....	.....	.....
Lead subacetate	1335–32–6	4	U146	10 (4.54)
Lead sulfate	7446–14–2	1	.....	10 (4.54)
.....	15739–80–7	.....	.....	.....
Lead sulfide	1314–87–0	1	.....	10 (4.54)
Lead thiocyanate	592–87–0	1	.....	10 (4.54)
Lindane	58–89–9	1,2,3,4	U129	1 (0.454)
Lindane (all isomers)	58–89–9	1,2,3,4	U129	1 (0.454)
Lithium chromate	14307–35–8	1	.....	10 (4.54)
Malathion	121–75–5	1	.....	100 (45.4)
Maleic acid	110–16–7	1	.....	5000 (2270)
Maleic anhydride	108–31–6	1,3,4	U147	5000 (2270)
Maleic hydrazide	123–33–1	4	U148	5000 (2270)
Malononitrile	109–77–3	4	U149	1000 (454)
Manganese, bis (dimethylcarbamodithioato-S,S')-	15339–36–3	4	P196	10 (4.54)
Manganese Compounds	N.A.	3	.....	**
Manganese dimethyldithiocarbamate	15339–36–3	4	P196	10 (4.54)
MDI	101–68–8	3	.....	5000 (2270)
MEK	78–93–3	4	U159	5000 (2270)
Melphalan	148–82–3	4	U150	1 (0.454)
Mercaptodimethur	2032–65–7	1,4	P199	10 (4.54)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ²	RCRA waste No.	Final RQ [pounds (kg)]
MERCURY AND COMPOUNDS	N.A.	2,3	.....	**
Mercury Compounds	N.A.	2,3	.....	**
Mercuric cyanide	592–04–1	1	.....	1(0.454)
Mercuric nitrate	10045–94–0	1	.....	10 (4.54)
Mercuric sulfate	7783–35–9	1	.....	10 (4.54)
Mercuric thiocyanate	592–85–8	1	.....	10 (4.54)
Mercurous nitrate	10415–75–5	1	.....	10 (4.54)
Mercury	7782–86–7	2,3,4	U151	1 (0.454)
Mercury, (acetato-O)phenyl-	7439–97–6	4	P092	100 (45.4)
Mercury fulminate	62–38–4	4	P065	10 (4.54)
Methacrylonitrile	628–86–4	4	U152	1000 (454)
Methanamine, N-methyl-	126–98–7	1,4	U092	1000 (454)
Methanamine, N-methyl-N-nitroso-	124–40–3	2,3,4	P082	10 (4.54)
Methane, bromo-	62–75–9	2,3,4	U029	1000 (454)
Methane, chloro-	74–83–9	2,3,4	U045	100 (45.4)
Methane, chloromethoxy-	74–87–3	3,4	U046	10 (4.54)
Methane, dibromo-	107–30–2	4	U068	1000 (454)
Methane, dichloro-	74–95–3	2,3,4	U080	1000 (454)
Methane, dichlorodifluoro-	75–09–2	4	U075	5000 (2270)
Methane, iodo-	75–71–8	3,4	U138	100 (45.4)
Methane, isocyanato-	74–88–4	3,4	P064	10 (4.54)
Methane, oxybis(chloro-	624–83–9	3,4	P016	10 (4.54)
Methanesulfonyl chloride, trichloro-	542–88–1	4	P118	100 (45.4)
Methanesulfonic acid, ethyl ester	594–42–3	4	U119	1 (0.454)
Methane, tetrachloro-	62–50–0	1,2,3,4	U211	10 (4.54)
Methane, tetranitro-	56–23–5	4	P112	10 (4.54)
Methanethiol	509–14–8	1,4	U153	100 (45.4)
Methane, tribromo-	74–93–1	2,3,4	U225	100 (45.4)
Methane, trichloro-	75–25–2	1,2,3,4	U044	10 (4.54)
Methane, trichlorofluoro-	67–66–3	4	U121	5000 (2270)
Methanimidamide, N,N-dimethyl-N'-[3- [[[(methylamino)-carbonyl]oxy]phenyl]-, monohydrochloride.	75–69–4	4	P198	100 (45.4)
Methanimidamide, N,N-dimethyl-N'-[2-methyl-4- [[[(methylamino)-carbonyl]oxy]phenyl]-, 6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10- hexachloro-1,5,5a,6,9,9a-hexahydro-, 3-oxide.	23422–53–9	4	P197	100 (45.4)
4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro- 3a,4,7,7a-tetrahydro-.	17702–57–7	1,2,4	P050	1 (0.454)
4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro- 2,3,3a,4,7,7a-hexahydro-.	115–29–7	1,2,3,4	U036	1 (0.454)
Methanol	76–44–8	3,4	U154	5000 (2270)
Methapyrilene	67–56–1	4	U155	5000 (2270)
1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5a,5b,6-decachlorooctahydro-.	91–80–5	1,4	U142	1 (0.454)
Methiocarb	143–50–0	1,4	P199	10 (4.54)
Methomyl	2032–65–7	4	P066	100 (45.4)
Methoxychlor	16752–77–5	1,3,4	U247	1 (0.454)
Methyl alcohol	72–43–5	3,4	U154	5000 (2270)
2-Methyl aziridine	67–56–1	3,4	P067	1 (0.454)
Methyl bromide	75–55–8	2,3,4	U029	1000 (454)
1-Methylbutadiene	74–83–9	4	U186	100 (45.4)
Methyl chloride	504–60–9	2,3,4	U045	100 (45.4)
Methyl chlorocarbonate	74–87–3	4	U156	1000 (454)
Methyl chloroform	79–22–1	2,3,4	U226	1000 (454)
3-Methylcholanthrene	71–55–6	4	U157	10 (4.54)
4,4'-Methylenebis(2-chloroaniline)	56–49–5	3,4	U158	10 (4.54)
Methylene bromide	101–14–4	4	U068	1000 (454)
Methylene chloride	74–95–3	2,3,4	U080	1000 (454)
4,4'-Methylenedianiline	75–09–2	3	.....	10 (4.54)
Methylene diphenyl diisocyanate	101–77–9	3	.....	5000 (2270)
Methyl ethyl ketone	101–68–8	4	U159	5000 (2270)
Methyl ethyl ketone peroxide	78–93–3	4	U160	10 (4.54)
Methyl hydrazine	1338–23–4	3,4	P068	10 (4.54)
Methyl iodide	60–34–4	3,4	U138	100 (45.4)
Methyl isobutyl ketone	74–88–4	3,4	U161	5000 (2270)
Methyl isocyanate	108–10–1	3,4	P064	10 (4.54)
2-Methylacetonitrile	624–83–9	1,4	P069	10 (4.54)
Methyl mercaptan	75–86–5	1,4	U153	100 (45.4)
	74–93–1	1,4		100 (45.4)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ¹¹	RCRA waste No.	Final RQ [pounds (kg)]
Methyl methacrylate	80-62-6	1,3,4	U162	1000 (454)
Methyl parathion	298-00-0	1,4	P071	100 (45.4)
4-Methyl-2-pentanone	108-10-1	3,4	U161	5000 (2270)
Methyl tert-butyl ether	1634-04-4	3	.....	1000 (454)
Methylthiouracil	56-04-2	4	U164	10 (4.54)
Metolcarb	1129-41-5	4	P190	1000 (454)
Mevinphos	7786-34-7	1	.....	10 (4.54)
Mexacarbate	315-18-4	1,4	P128	1000 (454)
Mitomycin C	50-07-7	4	U010	10 (4.54)
MNNG	70-25-7	4	U163	10 (4.54)
Monoethylamine	75-04-7	1	.....	100 (45.4)
Monomethylamine	74-89-5	1	.....	100 (45.4)
Naled	300-76-5	1	.....	10 (4.54)
5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy-alpha-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-	20830-81-3	4	U059	10 (4.54)
1-Naphthalenamine	134-32-7	4	U167	100 (45.4)
2-Naphthalenamine	91-59-8	4	U168	10 (4.54)
Naphthalenamine, N,N'-bis(2-chloroethyl)-	494-03-1	4	U026	100 (45.4)
Naphthalene	91-20-3	1,2,3,4	U165	100 (45.4)
Naphthalene, 2-chloro-	91-58-7	2,4	U047	5000 (2270)
1,4-Naphthalenedione	130-15-4	4	U166	5000 (2270)
2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethyl-(1,1'-biphenyl)-4,4'-diyl)-bis(azo)]bis(5-amino-4-hydroxy)-tetrasodium salt.	72-57-1	4	U236	10 (4.54)
1-Naphthalenol, methylcarbamate	63-25-2	1,3,4	U279	100 (45.4)
Naphthenic acid	1338-24-5	1	.....	100 (45.4)
1,4-Naphthoquinone	130-15-4	4	U166	5000 (2270)
alpha-Naphthylamine	134-32-7	4	U167	100 (45.4)
beta-Naphthylamine	91-59-8	4	U168	10 (4.54)
alpha-Naphthylthiourea	86-88-4	4	P072	100 (45.4)
NICKEL AND COMPOUNDS	N.A.	2,3	.....	**
Nickel ^{III}	7440-02-0	2	.....	100 (45.4)
Nickel ammonium sulfate	15699-18-0	1	.....	100 (45.4)
Nickel carbonyl Ni(CO) ₄ , (T-4)-	13463-39-3	4	P073	10 (4.54)
Nickel chloride	7718-54-9	1	.....	100 (45.4)
Nickel compounds	37211-05-5	2,3	.....	**
Nickel cyanide Ni(CN) ₂	557-19-7	4	P074	10 (4.54)
Nickel hydroxide	12054-48-7	1	.....	10 (4.54)
Nickel nitrate	14216-75-2	1	.....	100 (45.4)
Nickel sulfate	7786-81-4	1	.....	100 (45.4)
Nicotine, & salts	54-11-5	4	P075	100 (45.4)
Nitric acid	7697-37-2	1	.....	1000 (454)
Nitric acid, thallium (1 +) salt	10102-45-1	4	U217	100 (45.4)
Nitric oxide	10102-43-9	4	P076	10 (4.54)
p-Nitroaniline	100-01-6	4	P077	5000 (2270)
Nitrobenzene	98-95-3	1,2,3,4	U169	1000 (454)
4-Nitrobiphenyl	92-93-3	3	.....	10 (4.54)
Nitrogen dioxide	10102-44-0	1,4	P078	10 (4.54)
Nitrogen oxide NO	10544-72-6	4	P076	10 (4.54)
Nitrogen oxide NO ₂	10102-44-0	1,4	P078	10 (4.54)
Nitroglycerine	55-63-0	4	P081	10 (4.54)
NITROPHENOLS	25154-55-6	2	.....	**
Nitrophenol (mixed)	25154-55-6	1	.....	100 (45.4)
m-Nitrophenol	554-84-7	1	.....	100 (45.4)
o-Nitrophenol	88-75-5	1,2	.....	100 (45.4)
p-Nitrophenol	100-02-7	1,2,3,4	U170	100 (45.4)
2-Nitrophenol	88-75-5	1,2	.....	100 (45.4)
4-Nitrophenol	100-02-7	1,2,3,4	U170	100 (45.4)
2-Nitropropane	79-46-9	3,4	U171	10 (4.54)
NITROSAMINES	N.A.	2	.....	**
N-Nitrosodi-n-butylamine	924-16-3	4	U172	10 (4.54)
N-Nitrosodiethanolamine	1116-54-7	4	U173	1 (0.454)
N-Nitrosodiethylamine	55-18-5	4	U174	1 (0.454)
N-Nitrosodimethylamine	62-75-9	2,3,4	P082	10 (4.54)
N-Nitrosodiphenylamine	86-30-6	2	.....	100 (45.4)
N-Nitroso-N-ethylurea	759-73-9	4	U176	1 (0.454)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ¹¹	RCRA waste No.	Final RQ [pounds (kg)]
N-Nitroso-N-methylurea	684–93–5	3,4	U177	1 (0.454)
N-Nitroso-N-methylurethane	615–53–2	4	U178	1 (0.454)
N-Nitrosomethylvinylamine	4549–40–0	4	P084	10 (4.54)
N-Nitrosomorpholine	59–89–2	3	.....	1 (0.454)
N-Nitrosopiperidine	100–75–4	4	U179	10 (4.54)
N-Nitrosopyrrolidine	930–55–2	4	U180	1 (0.454)
Nitrotoluene	1321–12–6	1	.....	1000 (454)
m-Nitrotoluene	99–08–1	1	.....	1000 (454)
o-Nitrotoluene	88–72–2	1	.....	1000 (454)
p-Nitrotoluene	99–99–0	1	.....	1000 (454)
5-Nitro-o-toluidine	99–55–8	4	U181	100 (45.4)
Octamethylpyrophosphoramide	152–16–9	4	P085	100 (45.4)
Osmium oxide OsO ₄ , (T–4)-	20816–12–0	4	P087	1000 (454)
Osmium tetroxide	20816–12–0	4	P087	1000 (454)
7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid	145–73–3	4	P088	1000 (454)
Oxamyl	23135–22–0	4	P194	100 (45.4)
1,2-Oxathiolane, 2,2-dioxide	1120–71–4	3,4	U193	10 (4.54)
2H–1,3,2-Oxazaphosphorin-2-amine, N,N- bis(2-chloroethyl)tetrahydro-, 2-oxide.	50–18–0	4	U058	10 (4.54)
Oxirane	75–21–8	3,4	U115	10 (4.54)
Oxiranecarboxyaldehyde	765–34–4	4	U126	10 (4.54)
Oxirane, (chloromethyl)-	106–89–8	1,3,4	U041	100 (45.4)
Paraformaldehyde	30525–89–4	1	.....	1000 (454)
Paraldehyde	123–63–7	4	U182	1000 (454)
Parathion	56–38–2	1,3,4	P089	10 (4.54)
PCBs	1336–36–3	1,2,3	.....	1 (0.454)
PCNB	82–68–8	3,4	U185	100 (45.4)
Pentachlorobenzene	608–93–5	4	U183	10 (4.54)
Pentachloroethane	76–01–7	4	U184	10 (4.54)
Pentachloronitrobenzene	82–68–8	3,4	U185	100 (45.4)
Pentachlorophenol	87–86–5	1,2,3,4	See F027	10 (4.54)
1,3-Pentadiene	504–60–9	4	U186	100 (45.4)
Perchloroethylene	127–18–4	2,3,4	U210	100 (45.4)
Perfluorooctanesulfonic acid, salts, & structural isomers ^v .	N.A.	5	.....	1 (0.454)
Perfluorooctanesulfonic acid ^v	1763–23–1	5	.....	1 (0.454)
Perfluorooctanoic acid, salts, & structural isomers ^v ..	N.A.	5	.....	1 (0.454)
Perfluorooctanoic acid ^v	335–67–1	5	.....	1 (0.454)
Phenacetin	62–44–2	4	U187	100 (45.4)
Phenanthrene	85–01–8	2	.....	5000 (2270)
Phenol	108–95–2	1,2,3,4	U188	1000 (454)
Phenol, 2-chloro-	95–57–8	2,4	U048	100 (45.4)
Phenol, 4-chloro-3-methyl-	59–50–7	2,4	U039	5000 (2270)
Phenol, 2-cyclohexyl-4,6-dinitro-	131–89–5	4	P034	100 (45.4)
Phenol, 2,4-dichloro-	120–83–2	2,4	U081	100 (45.4)
Phenol, 2,6-dichloro-	87–65–0	4	U082	100 (45.4)
Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E)	56–53–1	4	U089	1 (0.454)
Phenol, 2,4-dimethyl-	105–67–9	2,4	U101	100 (45.4)
Phenol, 4-(dimethylamino)-3,5-dimethyl-, 4-methylcarbamate (ester).	315–18–4	1,4	P128	1000 (454)
Phenol, (3,5-dimethyl-4-(methylthio)-, methylcarbamate.	2032–65–7	1,4	P199	10 (4.54)
Phenol, 2,4-dinitro-	51–28–5	1,2,3,4	P048	10 (4.54)
Phenol, methyl-	1319–77–3	1,3,4	U052	100 (45.4)
Phenol, 2-methyl-4,6-dinitro-	534–52–1	2,3,4	P047	10 (4.54)
Phenol, 2-methyl-4,6-dinitro-, & salts	534–52–1	3,4	P047	10 (4.54)
Phenol, 2,2'-methylenebis[3,4,6- trichloro-	70–30–4	4	U132	100 (45.4)
Phenol, 2-(1-methylethoxy)-, methylcarbamate	114–26–1	3,4	U411	100 (45.4)
Phenol, 3-(1-methylethyl)-, methyl carbamate	64–00–6	4	P202	10 (4.54)
Phenol, 3-methyl-5-(1-methylethyl)-, methyl carbamate.	2631–37–0	4	P201	1000 (454)
Phenol, 2-(1-methylpropyl)-4,6-dinitro-	88–85–7	4	P020	1000 (454)
Phenol, 4-nitro-	100–02–7	1,2,3,4	U170	100 (45.4)
Phenol, pentachloro-	87–86–5	1,2,3,4	See F027	10 (4.54)
Phenol, 2,3,4,6-tetrachloro-	58–90–2	4	See F027	10 (4.54)
Phenol, 2,4,5-trichloro-	95–95–4	1,3,4	See F027	10 (4.54)
Phenol, 2,4,6-trichloro-	88–06–2	1,2,3,4	See F027	10 (4.54)
Phenol, 2,4,6-trinitro-, ammonium salt	131–74–8	4	P009	10 (4.54)
L-Phenylalanine, 4-[bis(2-chloroethyl)amino]-	148–82–3	4	U150	1 (0.454)
p-Phenylenediamine	106–50–3	3		5000 (2270)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ¹¹	RCRA waste No.	Final RQ [pounds (kg)]
Phenylmercury acetate	62-38-4	4	P092	100 (45.4)
Phenylthiourea	103-85-5	4	P093	100 (45.4)
Phorate	298-02-2	4	P094	10 (4.54)
Phosgene	75-44-5	1,3,4	P095	10 (4.54)
Phosphine	7803-51-2	3,4	P096	100 (45.4)
Phosphoric acid	7664-38-2	1	.....	5000 (2270)
Phosphoric acid, diethyl 4-nitrophenyl ester	311-45-5	4	P041	100 (45.4)
Phosphoric acid, lead(2 +) salt (2:3)	7446-27-7	4	U145	10 (4.54)
Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester.	298-04-4	1,4	P039	1 (0.454)
Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester.	298-02-2	4	P094	10 (4.54)
Phosphorodithioic acid, O,O-diethyl S-methyl ester ...	3288-58-2	4	U087	5000 (2270)
Phosphorodithioic acid, O,O-dimethyl S-[2(methylamino)-2-oxoethyl] ester.	60-51-5	4	P044	10 (4.54)
Phosphorofluoridic acid, bis(1-methylethyl) ester	55-91-4	4	P043	100 (45.4)
Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester.	56-38-2	1,3,4	P089	10 (4.54)
Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester ..	297-97-2	4	P040	100 (45.4)
Phosphorothioic acid, O-[4-[(dimethylamino) sulfonyl]phenyl] O,O-dimethyl ester.	52-85-7	4	P097	1000 (454)
Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl) ester.	298-00-0	1,4	P071	100 (45.4)
Phosphorus	7723-14-0	1,3	.....	1 (0.454)
Phosphorus oxychloride	10025-87-3	1	.....	1000 (454)
Phosphorus pentasulfide	1314-80-3	1,4	U189	100 (45.4)
Phosphorus sulfide	1314-80-3	1,4	U189	100 (45.4)
Phosphorus trichloride	7719-12-2	1	.....	1000 (454)
Physostigmine	57-47-6	4	P204	100 (45.4)
Physostigmine salicylate	57-64-7	4	P188	100 (45.4)
PHthalate ESTERS	N.A.	2	.....	**
Phthalic anhydride	85-44-9	3,4	U190	5000 (2270)
2-Picoline	109-06-8	4	U191	5000 (2270)
Piperidine, 1-nitroso-	100-75-4	4	U179	10 (4.54)
Plumbane, tetraethyl-	78-00-2	1,4	P110	10 (4.54)
POLYCHLORINATED BIPHENYLS	1336-36-3	1,2,3	.....	1 (0.454)
Polycyclic Organic Matter [®]	N.A.	3	.....	**
POLYNUCLEAR AROMATIC HYDROCARBONS	N.A.	2	.....	**
Potassium arsenate	7784-41-0	1	.....	1 (0.454)
Potassium arsenite	10124-50-2	1	.....	1 (0.454)
Potassium bichromate	7778-50-9	1	.....	10 (4.54)
Potassium chromate	7789-00-6	1	.....	10 (4.54)
Potassium cyanide K(CN)	151-50-8	1,4	P098	10 (4.54)
Potassium hydroxide	1310-58-3	1	.....	1000 (454)
Potassium permanganate	7722-64-7	1	.....	100 (45.4)
Potassium silver cyanide	506-61-6	4	P099	1 (0.454)
Promecarb	2631-37-0	4	P201	1000 (454)
Pronamide	23950-58-5	4	U192	5000 (2270)
Propanal, 2-methyl-2-(methyl- sulfonyl)-, O-[(methylamino)carbonyl] oxime.	1646-88-4	4	P203	100 (45.4)
Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl]oxime.	116-06-3	4	P070	1 (0.454)
1-Propanamine	107-10-8	4	U194	5000 (2270)
1-Propanamine, N-propyl-	142-84-7	4	U110	5000 (2270)
1-Propanamine, N-nitroso-N-propyl-	621-64-7	2,4	U111	10 (4.54)
Propane, 1,2-dibromo-3-chloro-	96-12-8	3,4	U066	1 (0.454)
Propane, 1,2-dichloro-	78-67-5	1,2,3,4	U083	1000 (454)
Propanedinitrile	109-77-3	4	U149	1000 (454)
Propanenitrile	107-12-0	4	P101	10 (4.54)
Propanenitrile, 3-chloro-	542-76-7	4	P027	1000 (454)
Propanenitrile, 2-hydroxy-2-methyl-	75-86-5	1,4	P069	10 (4.54)
Propane, 2-nitro-	79-46-9	3,4	U171	10 (4.54)
Propane, 2,2'-oxybis[2-chloro-	108-60-1	2,4	U027	1000 (454)
1,3-Propane sultone	1120-71-4	3,4	U193	10 (4.54)
1,2,3-Propanetriol, trinitrate	55-63-0	4	P081	10 (4.54)
Propanoic acid, 2-(2,4,5-trichlorophenoxy)-	93-72-1	1,4	See F027	100 (45.4)
1-Propanol, 2,3-dibromo-, phosphate (3:1)	126-72-7	4	U235	10 (4.54)
1-Propanol, 2-methyl-	78-83-1	4	U140	5000 (2270)
2-Propanone	67-64-1	4	U002	5000 (2270)
2-Propanone, 1-bromo-	598-31-2	4	P017	1000 (454)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ¹¹	RCRA waste No.	Final RQ [pounds (kg)]
Propargite	2312–35–8	1	.....	10 (4.54)
Propargyl alcohol	107–19–7	4	P102	1000 (454)
2-Propenal	107–02–8	1,2,3,4	P003	1 (0.454)
2-Propenamide	79–06–1	3,4	U007	5000 (2270)
1-Propene, 1,3-dichloro-	542–75–6	1,2,3,4	U084	100 (45.4)
1-Propene, 1,1,2,3,3,3-hexachloro-	1888–71–7	4	U243	1000 (454)
2-Propenenitrile	107–13–1	1,2,3,4	U009	100 (45.4)
2-Propenenitrile, 2-methyl-	126–98–7	4	U152	1000 (454)
2-Propenoic acid	79–10–7	3,4	U008	5000 (2270)
2-Propenoic acid, ethyl ester	140–88–5	3,4	U113	1000 (454)
2-Propenoic acid, 2-methyl-, ethyl ester	97–63–2	4	U118	1000 (454)
2-Propenoic acid, 2-methyl-, methyl ester	80–62–6	1,3,4	U162	1000 (454)
2-Propen-1-ol	107–18–6	1,4	P005	100 (45.4)
Propham	122–42–9	4	U373	1000 (454)
beta-Propiolactone	57–57–8	3	.....	10 (4.54)
Propionaldehyde	123–38–6	3	.....	1000 (454)
Propionic acid	79–09–4	1	.....	5000 (2270)
Propionic anhydride	123–62–6	1	.....	5000 (2270)
Propoxur (Baygon)	114–26–1	3,4	U411	100 (45.4)
n-Propylamine	107–10–8	4	U194	5000 (2270)
n-Propyl bromide (nPB)	106–94–5	3	.....	1 (0.454)
Propylene dichloride	78–87–5	1,2,3,4	U083	1000 (454)
Propylene oxide	75–56–9	1,3	.....	100 (45.4)
1,2-Propylenimine	75–55–8	3,4	P067	1 (0.454)
2-Propyn-1-ol	107–19–7	4	P102	1000 (454)
Prosulfocarb	52888–80–9	4	U387	5000 (2270)
Pyrene	129–00–0	2	.....	5000 (2270)
Pyrethrins	121–29–9	1	.....	1 (0.454)
.....	121–21–1	.....	.....	.....
.....	8003–34–7	.....	.....	.....
3,6-Pyridazinedione, 1,2-dihydro-	123–33–1	4	U148	5000 (2270)
4-Pyridinamine	504–24–5	4	P008	1000 (454)
Pyridine	110–86–1	4	U196	1000 (454)
Pyridine, 2-methyl-	109–06–8	4	U191	5000 (2270)
Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-, & salts	54–11–5	4	P075	100 (45.4)
2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]-	66–75–1	4	U237	10 (4.54)
4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo- ...	56–04–2	4	U164	10 (4.54)
Pyrrolidine, 1-nitroso-	930–55–2	4	U180	1 (0.454)
Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3aS-cis)-	57–47–6	4	P204	100 (45.4)
Quinoline	91–22–5	1,3	.....	5000 (2270)
Quinone	106–51–4	3,4	U197	10 (4.54)
Quintobenzene	82–68–8	3,4	U185	100 (45.4)
Radionuclides (including radon)	N.A.	3	.....	§
Reserpine	50–55–5	4	U200	5000 (2270)
Resorcinol	108–46–3	1,4	U201	5000 (2270)
Safole	94–59–7	4	U203	100 (45.4)
SELENIUM AND COMPOUNDS	N.A.	2,3	.....	**
Selenium Compounds	N.A.	2,3	.....	**
Selenious acid	7783–00–8	4	U204	10 (4.54)
Selenious acid, dithallium (1 +) salt	12039–52–0	4	P114	1000 (454)
Selenium ^{III}	7782–49–2	2	.....	100 (45.4)
Selenium dioxide	7746–08–4	1,4	U204	10 (4.54)
Selenium oxide	7746–08–4	1	.....	10 (4.54)
Selenium sulfide SeS ₂	7486–56–4	4	U205	10 (4.54)
Selenourea	630–10–4	4	P103	1000 (454)
L-Serine, diazoacetate (ester)	115–02–6	4	U015	1 (0.454)
SILVER AND COMPOUNDS	N.A.	2	.....	**
Silver ^{III}	7440–22–4	2	.....	1000 (454)
Silver cyanide Ag(CN)	506–64–9	4	P104	1 (0.454)
Silver nitrate	7761–88–8	1	.....	1 (0.454)
Silvex (2,4,5-TP)	93–72–1	1,4	See F027	100 (45.4)
Sodium	7440–23–5	1	.....	10 (4.54)
Sodium arsenate	7631–89–2	1	.....	1 (0.454)
Sodium arsenite	7784–46–5	1	.....	1 (0.454)
Sodium azide	26628–22–8	4	P105	1000 (454)
Sodium bichromate	10588–01–9	1		10 (4.54)
Sodium bifluoride	1333–83–1	1		100 (45.4)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ²	RCRA waste No.	Final RQ [pounds (kg)]
Sodium bisulfite	7631-90-5	1	.....	5000 (2270)
Sodium chromate	7775-11-3	1	.....	10 (4.54)
Sodium cyanide Na(CN)	143-33-9	1,4	P106	10 (4.54)
Sodium dodecylbenzenesulfonate	25155-30-0	1	.....	1000 (454)
Sodium fluoride	7681-49-4	1	.....	1000 (454)
Sodium hydrosulfide	16721-80-5	1	.....	5000 (2270)
Sodium hydroxide	1310-73-2	1	.....	1000 (454)
Sodium hypochlorite	7681-52-9	1	.....	100 (45.4)
.....	10022-70-5	.....	.....	.....
Sodium methylate	124-41-4	1	.....	1000 (454)
Sodium nitrite	7632-00-0	1	.....	100 (45.4)
Sodium phosphate, dibasic	7558-79-4	1	.....	5000 (2270)
.....	10039-32-4	.....	.....	.....
.....	10140-65-5	.....	.....	.....
Sodium phosphate, tribasic	7601-54-9	1	.....	5000 (2270)
.....	10101-89-0	.....	.....	.....
.....	10361-89-4	.....	.....	.....
Sodium selenite	7782-82-3	1	.....	100 (45.4)
.....	10102-18-8	.....	.....	.....
Streptozotocin	18883-66-4	4	U206	1 (0.454)
Strontium chromate	7789-06-2	1	.....	10 (4.54)
Strychnidin-10-one, & salts	57-24-9	1,4	P108	10 (4.54)
Strychnidin-10-one, 2,3-dimethoxy-	357-57-3	4	P018	100 (45.4)
Strychnine, & salts	57-24-9	1,4	P108	10 (4.54)
Styrene	100-42-5	1,3	.....	1000 (454)
Styrene oxide	96-09-3	3	.....	100 (45.4)
Sulfuric acid	7664-93-9	1	.....	1000 (454)
.....	8014-95-7	.....	.....	.....
Sulfuric acid, dimethyl ester	77-78-1	3,4	U103	100 (45.4)
Sulfuric acid, dithallium (1 +) salt	7446-18-6	1,4	P115	100 (45.4)
.....	10031-59-1	.....	.....	.....
Sulfur monochloride	12771-08-3	1	.....	1000 (454)
Sulfur phosphide	1314-80-3	1,4	U189	100 (45.4)
2,4,5-T	93-76-5	1,4	See F027	1000 (454)
2,4,5-T acid	93-76-5	1,4	See F027	1000 (454)
2,4,5-T amines	2008-46-0	1	.....	5000 (2270)
.....	1319-72-8	.....	.....	.....
.....	3813-14-7	.....	.....	.....
.....	6369-96-6	.....	.....	.....
.....	6369-97-7	.....	.....	.....
2,4,5-T esters	93-79-8	1	.....	1000 (454)
.....	1928-47-8	.....	.....	.....
.....	2545-59-7	.....	.....	.....
.....	25168-15-4	.....	.....	.....
.....	61792-07-2	.....	.....	.....
2,4,5-T salts	13560-99-1	1	.....	1000 (454)
TCDD	1746-01-6	2,3	.....	1 (0.454)
TDE	72-54-8	1,2,4	U060	1 (0.454)
1,2,4,5-Tetrachlorobenzene	95-94-3	4	U207	5000 (2270)
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	2,3	.....	1 (0.454)
1,1,1,2-Tetrachloroethane	630-20-6	4	U208	100 (45.4)
1,1,2,2-Tetrachloroethane	79-34-5	2,3,4	U209	100 (45.4)
Tetrachloroethylene	127-18-4	2,3,4	U210	100 (45.4)
2,3,4,6-Tetrachlorophenol	58-90-2	4	See F027	10 (4.54)
Tetraethyl pyrophosphate	107-49-3	1,4	P111	10 (4.54)
Tetraethyl lead	78-00-2	1,4	P110	10 (4.54)
Tetraethyldithiopyrophosphate	3689-24-5	4	P109	100 (45.4)
Tetrahydrofuran	109-99-9	4	U213	1000 (454)
Tetranitromethane	509-14-8	4	P112	10 (4.54)
Tetraphosphoric acid, hexaethyl ester	757-58-4	4	P062	100 (45.4)
THALLIUM AND COMPOUNDS	N.A.	2	.....	**
Thallic oxide	1314-32-5	4	P113	100 (45.4)
Thallium ^{III}	7440-28-0	2	.....	1000 (454)
Thallium (I) acetate	563-68-8	4	U214	100 (45.4)
Thallium (I) carbonate	6533-73-9	4	U215	100 (45.4)
Thallium chloride TlCl	7791-12-0	4	U216	100 (45.4)
Thallium (I) nitrate	10102-45-1	4	U217	100 (45.4)
Thallium oxide Tl ₂ O ₃	1314-32-5	4	P113	100 (45.4)
Thallium (I) selenite	12039-52-0	4	P114	1000 (454)
Thallium (I) sulfate	7446-18-6	1,4	P115	100 (45.4)
.....	10031-59-1	.....	.....	.....

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ¹¹	RCRA waste No.	Final RQ [pounds (kg)]
Thioacetamide	62–55–5	4	U218	10 (4.54)
Thiodicarb	59669–26–0	4	U410	100 (45.4)
Thiodiphosphoric acid, tetraethyl ester	3689–24–5	4	P109	100 (45.4)
Thiofanox	39196–18–4	4	P045	100 (45.4)
Thioimidodicarbonic diamide [(H ₂ N)C(S)] 2NH	541–53–7	4	P049	100 (45.4)
Thiomethanol	74–93–1	1,4	U153	100 (45.4)
Thioperoxydicarbonic diamide [(H ₂ N)C(S)] 2S2, tetramethyl-	137–26–8	4	U244	10 (4.54)
Thiophanate-methyl	23564–05–8	4	U409	10 (4.54)
Thiophenol	108–98–5	4	P014	100 (45.4)
Thiosemicarbazide	79–19–6	4	P116	100 (45.4)
Thiourea	62–56–6	4	U219	10 (4.54)
Thiourea, (2-chlorophenyl)-	5344–82–1	4	P026	100 (45.4)
Thiourea, 1-naphthalenyl-	86–88–4	4	P072	100 (45.4)
Thiourea, phenyl-	103–85–5	4	P093	100 (45.4)
Thiram	137–26–8	4	U244	10 (4.54)
Tirpate	26419–73–8	4	P185	100 (45.4)
Titanium tetrachloride	7550–45–0	3	.....	1000 (454)
Toluene	108–88–3	1,2,3,4	U220	1000 (454)
Toluenediamine	95–80–7	3,4	U221	10 (4.54)
.....	496–72–0	.....	.....	.....
.....	823–40–5	.....	.....	.....
.....	25376–45–8	.....	.....	.....
2,4-Toluene diamine	95–80–7	3,4	U221	10 (4.54)
.....	496–72–0	.....	.....	.....
.....	823–40–5	.....	.....	.....
.....	25376–45–8	.....	.....	.....
Toluene diisocyanate	91–08–7	3,4	U223	100 (45.4)
.....	584–84–9	.....	.....	.....
.....	26471–62–5	.....	.....	.....
2,4-Toluene diisocyanate	91–08–7	3,4	U223	100 (45.4)
.....	584–84–9	.....	.....	.....
.....	26471–62–5	.....	.....	.....
o-Toluidine	95–53–4	3,4	U328	100 (45.4)
p-Toluidine	106–49–0	4	U353	100 (45.4)
o-Toluidine hydrochloride	636–21–5	4	U222	100 (45.4)
Toxaphene	8001–35–2	1,2,3,4	P123	1 (0.454)
2,4,5–TP acid	93–72–1	1,4	See F027	100 (45.4)
2,4,5–TP esters	32534–95–5	1	.....	100 (45.4)
Triallate	2303–17–5	4	U389	100 (45.4)
1H–1,2,4-Triazol-3-amine	61–82–5	4	U011	10 (4.54)
Trichlorfon	52–68–6	1	.....	100 (45.4)
1,2,4-Trichlorobenzene	120–82–1	2,3	.....	100 (45.4)
1,1,1-Trichloroethane	71–55–6	2,3,4	U226	1000 (454)
1,1,2-Trichloroethane	79–00–5	2,3,4	U227	100 (45.4)
Trichloroethylene	79–01–6	1,2,3,4	U228	100 (45.4)
Trichloromethanesulfonyl chloride	594–42–3	4	P118	100 (45.4)
Trichloromonofluoromethane	75–69–4	4	U121	5000 (2270)
Trichlorophenol	25167–82–2	1,2	.....	10 (4.54)
2,3,4-Trichlorophenol	15950–66–0	1,2	.....	10 (4.54)
2,3,5-Trichlorophenol	933–78–8	1,2	.....	10 (4.54)
2,3,6-Trichlorophenol	933–75–5	1,2	.....	10 (4.54)
2,4,5-Trichlorophenol	95–95–4	1,2,3,4	See F027	10 (4.54)
2,4,6-Trichlorophenol	88–06–2	1,2,3,4	See F027	10 (4.54)
3,4,5-Trichlorophenol	609–19–8	1,2	.....	10 (4.54)
Triethanolamine dodecylbenzenesulfonate	27323–41–7	1	.....	1000 (454)
Triethylamine	121–44–8	1,3,4	U404	5000 (2270)
Trifluralin	1582–09–8	3	.....	10 (4.54)
Trimethylamine	75–50–3	1	.....	100 (45.4)
2,2,4-Trimethylpentane	540–84–1	3	.....	1000 (454)
1,3,5-Trinitrobenzene	99–35–4	4	U234	10 (4.54)
1,3,5-Trioxane, 2,4,6-trimethyl-	123–63–7	4	U182	1000 (454)
Tris(2,3-dibromopropyl) phosphate	126–72–7	4	U235	10 (4.54)
Trypan blue	72–57–1	4	U236	10 (4.54)
Unlisted Hazardous Wastes Characteristic of Corrosivity.	N.A.	4	D002	100 (45.4)
Unlisted Hazardous Wastes Characteristic of Ignitability.	N.A.	4	D001	100 (45.4)
Unlisted Hazardous Wastes Characteristic of Reactivity.	N.A.	4	D003	100 (45.4)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ¹¹	RCRA waste No.	Final RQ [pounds (kg)]
Unlisted Hazardous Wastes Characteristic of Toxicity				
Arsenic (D004)	N.A.	4	D004	1 (0.454)
Barium (D005)	N.A.	4	D005	1000 (454)
Benzene (D018)	N.A.	1,2,3,4	D018	10 (4.54)
Cadmium (D006)	N.A.	4	D006	10 (4.54)
Carbon tetrachloride (D019)	N.A.	1,2,4	D019	10 (4.54)
Chlordane (D020)	N.A.	1,2,4	D020	1 (0.454)
Chlorobenzene (D021)	N.A.	1,2,4	D021	100 (45.4)
Chloroform (D022)	N.A.	1,2,4	D022	10 (4.54)
Chromium (D007)	N.A.	4	D007	10 (4.54)
o-Cresol (D023)	N.A.	4	D023	100 (45.4)
m-Cresol (D024)	N.A.	4	D024	100 (45.4)
p-Cresol (D025)	N.A.	4	D025	100 (45.4)
Cresol (D026)	N.A.	4	D026	100 (45.4)
2,4-D (D016)	N.A.	1,4	D016	100 (45.4)
1,4-Dichlorobenzene (D027)	N.A.	1,2,4	D027	100 (45.4)
1,2-Dichloroethane (D028)	N.A.	1,2,4	D028	100 (45.4)
1,1-Dichloroethylene (D029)	N.A.	1,2,4	D029	100 (45.4)
2,4-Dinitrotoluene (D030)	N.A.	1,2,4	D030	10 (4.54)
Endrin (D012)	N.A.	1,4	D012	1 (0.454)
Heptachlor (and epoxide) (D031)	N.A.	1,2,4	D031	1 (0.454)
Hexachlorobenzene (D032)	N.A.	2,4	D032	10 (4.54)
Hexachlorobutadiene (D033)	N.A.	2,4	D033	1 (0.454)
Hexachloroethane (D034)	N.A.	2,4	D034	100 (45.4)
Lead (D008)	N.A.	4	D008	10 (4.54)
Lindane (D013)	N.A.	1,4	D013	1 (0.454)
Mercury (D009)	N.A.	4	D009	1 (0.454)
Methoxychlor (D014)	N.A.	1,4	D014	1 (0.454)
Methyl ethyl ketone (D035)	N.A.	4	D035	5000 (2270)
Nitrobenzene (D036)	N.A.	1,2,4	D036	1000 (454)
Pentachlorophenol (D037)	N.A.	1,2,4	D037	10 (4.54)
Pyridine (D038)	N.A.	4	D038	1000 (454)
Selenium (D010)	N.A.	4	D010	10 (4.54)
Silver (D011)	N.A.	4	D011	1 (0.454)
Tetrachloroethylene (D039)	N.A.	2,4	D039	100 (45.4)
Toxaphene (D015)	N.A.	1,4	D015	1 (0.454)
Trichloroethylene (D040)	N.A.	1,2,4	D040	100 (45.4)
2,4,5-Trichlorophenol (D041)	N.A.	1,4	D041	10 (4.54)
2,4,6-Trichlorophenol (D042)	N.A.	1,2,4	D042	10 (4.54)
2,4,5-TP (D017)	N.A.	1,4	D017	100 (45.4)
Vinyl chloride (D043)	N.A.	2,3,4	D043	1 (0.454)
Uracil mustard	66-75-1	4	U237	10 (4.54)
Uranyl acetate	541-09-3	1		100 (45.4)
Uranyl nitrate	10102-06-4	1		100 (45.4)
	36478-76-9			
Urea, N-ethyl-N-nitroso-	759-73-9	4	U176	1 (0.454)
Urea, N-methyl-N-nitroso-	684-93-5	3,4	U177	1 (0.454)
Urethane	51-79-6	3,4	U238	100 (45.4)
Vanadic acid, ammonium salt	7803-55-6	4	P119	1000 (454)
Vanadium oxide V2O5	1314-62-1	1,4	P120	1000 (454)
Vanadium pentoxide	1314-62-1	1,4	P120	1000 (454)
Vanadyl sulfate	27774-13-6	1		1000 (454)
Vinyl acetate	108-05-4	1,3		5000 (2270)
Vinyl acetate monomer	108-05-4	1,3		5000 (2270)
Vinylamine, N-methyl-N-nitroso-	4549-40-0	4	P084	10 (4.54)
Vinyl bromide	593-60-2	3		100 (45.4)
Vinyl chloride	75-01-4	2,3,4	U043	1 (0.454)
Vinylidene chloride	75-35-4	1,2,3,4	U078	100 (45.4)
Warfarin, & salts	81-81-2	4	P001, U248	100 (45.4)
Xylene (mixed)	1330-20-7	1,3,4	U239	100 (45.4)
Xylenes (isomers and mixture)	1330-20-7	1,3,4	U239	100 (45.4)
Xylene	1330-20-7	1,3,4	U239	100 (45.4)
m-Xylene	108-38-3	3		1000 (454)
o-Xylene	95-47-6	3		1000 (454)
p-Xylene	106-42-3	3		100 (45.4)
Xylenol	1300-71-6	1		1000 (454)
Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester (3beta,16beta,17alpha, 18beta,20alpha).	50-55-54	4	U200	5000 (2270)
ZINC AND COMPOUNDS	N.A.	2		**

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ¹¹	RCRA waste No.	Final RQ [pounds (kg)]
Zinc ^{III}	7440–66–6	2	.....	1000 (454)
Zinc acetate	557–34–6	1	.....	1000 (454)
Zinc ammonium chloride	52628–25–8	1	.....	1000 (454)
.....	14639–97–5			
.....	14639–98–6			
Zinc, bis(dimethylcarbamodithioato-S,S')-	137–30–4	4	P205	10 (4.54)
Zinc borate	1332–07–6	1	.....	1000 (454)
Zinc bromide	7699–45–8	1	.....	1000 (454)
Zinc carbonate	3486–35–9	1	.....	1000 (454)
Zinc chloride	7646–85–7	1	.....	1000 (454)
Zinc cyanide Zn(CN) ₂	557–21–1	1,4	P121	10 (4.54)
Zinc fluoride	7783–49–5	1	.....	1000 (454)
Zinc formate	557–41–5	1	.....	1000 (454)
Zinc hydrosulfite	7779–86–4	1	.....	1000 (454)
Zinc nitrate	7779–88–6	1	.....	1000 (454)
Zinc phenolsulfonate	127–82–2	1	.....	5000 (2270)
Zinc phosphide Zn ₃ P ₂	1314–84–7	1,4	P122, U249	100 (45.4)
Zinc silicofluoride	16871–71–9	1	.....	5000 (2270)
Zinc sulfate	7733–02–0	1	.....	1000 (454)
Ziram	137–30–4	4	P205	10 (4.54)
Zirconium nitrate	13746–89–9	1	.....	5000 (2270)
Zirconium potassium fluoride	16923–95–8	1	.....	1000 (454)
Zirconium sulfate	14644–61–2	1	.....	5000 (2270)
Zirconium tetrachloride	10026–11–6	1	.....	5000 (2270)
F001—The following spent halogenated solvents used in degreasing; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the halogenated solvents listed below or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.		4	F001	10 (4.54)
(a) Tetrachloroethylene	127–18–4	2,3,4	U210	100 (45.4)
(b) Trichloroethylene	79–01–6	1,2,3,4	U228	100 (45.4)
(c) Methylene chloride	75–09–2	2,3,4	U080	1000 (454)
(d) 1,1,1-Trichloroethane	71–55–6	2,3,4	U226	1000 (454)
(e) Carbon tetrachloride	56–23–5	1,2,3,4	U211	10 (4.54)
(f) Chlorinated fluorocarbons	N.A.	.....	.....	5000 (2270)
F002—The following spent halogenated solvents; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the halogenated solvents listed below or those solvents listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.		4	F002	10 (4.54)
(a) Tetrachloroethylene	127–18–4	2,3,4	U210	100 (45.4)
(b) Methylene chloride	75–09–2	2,3,4	U080	1000 (454)
(c) Trichloroethylene	79–01–6	1,2,3,4	U228	100 (45.4)
(d) 1,1,1-Trichloroethane	71–55–6	2,3,4	U226	1000 (454)
(e) Chlorobenzene	108–90–7	1,2,3,4	U037	100 (45.4)
(f) 1,1,2-Trichloro-1,2,2-trifluoroethane	76–13–1	.....	.....	5000 (2270)
(g) o-Dichlorobenzene	95–50–1	1,2,4	U070	100 (45.4)
(h) Trichlorofluoromethane	75–69–4	4	U121	5000 (2270)
(i) 1,1,2-Trichloroethane	79–00–5	2,3,4	U227	100 (45.4)
F003—The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents.		4	F003	100 (45.4)
(a) Xylene	1330–20–7	.....	.....	1000 (454)
(b) Acetone	67–64–1	.....	.....	5000 (2270)
(c) Ethyl acetate	141–78–6	.....	.....	5000 (2270)
(d) Ethylbenzene	100–41–4	.....	.....	1000 (454)
(e) Ethyl ether	60–29–7	.....	.....	100 (45.4)
(f) Methyl isobutyl ketone	108–10–1	.....	.....	5000 (2270)
(g) n-Butyl alcohol	71–36–3	.....	.....	5000 (2270)
(h) Cyclohexanone	108–94–1	.....	.....	5000 (2270)
(i) Methanol	67–56–1	.....	.....	5000 (2270)
F004—The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents.		4	F004	100 (45.4)
(a) Cresols/Cresylic acid	1319–77–3	1,3,4	U052	100 (45.4)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ¹¹	RCRA waste No.	Final RQ [pounds (kg)]
(b) Nitrobenzene	98-95-3	1,2,3,4	U169	1000 (454)
F005—The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents.	.....	4	F005	100 (45.4)
(a) Toluene	108-88-3	1,2,3,4	U220	1000 (454)
(b) Methyl ethyl ketone	78-93-3	4	U159	5000 (2270)
(c) Carbon disulfide	75-15-0	1,3,4	P022	100 (45.4)
(d) Isobutanol	78-83-1	4	U140	5000 (2270)
(e) Pyridine	110-86-1	4	U196	1000 (454)
F006—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.	.....	4	F006	10 (4.54)
F007—Spent cyanide plating bath solutions from electroplating operations..	.....	4	F007	10 (4.54)
F008—Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process.	.....	4	F008	10 (4.54)
F009—Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process.	.....	4	F009	10 (4.54)
F010—Quenching bath residues from oil baths from metal heat treating operations where cyanides are used in the process.	.....	4	F010	10 (4.54)
F011—Spent cyanide solutions from salt bath pot cleaning from metal heat treating operations.	.....	4	F011	10 (4.54)
F012—Quenching wastewater treatment sludges from metal heat treating operations where cyanides are used in the process.	.....	4	F012	10 (4.54)
F019—Wastewater treatment sludges from the chemical conversion coating of aluminum except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process . . . Wastewater treatment sludges from the manufacturing of motor vehicles using a zinc phosphating process will not be subject to this listing at the point of generation if the wastes are not placed outside on the land prior to shipment to a landfill for disposal and are either: Disposed in a Subtitle D municipal or industrial landfill unit that is equipped with a single clay liner and is permitted, licensed or otherwise authorized by the state; or disposed in a landfill unit subject to, or otherwise meeting, the landfill requirements in § 258.40, § 264.301 or § 265.301. For the purposes of this listing, motor vehicle manufacturing is defined in § 261.31(b)(4)(i) and § 261.31(b)(4)(ii) describes the recordkeeping requirements for motor vehicle manufacturing facilities.	.....	4	F019	10 (4.54)
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).	.....	4	F020	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.	.....	4	F021	1 (0.454)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ⁱ	Statutory code ⁱⁱ	RCRA waste No.	Final RQ [pounds (kg)]
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.		4	F022	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 a component in a formulating process) of tri- and tetrachlorophenols. (This listing does not include wastes from equipment used only for the production or use of hexachlorophene from highly purified 2,4,5-trichlorophenol).		4	F023	1 (0.454)
F024—Process wastes, including but not limited to, distillation residues, heavy ends, tars, and reactor clean-out wastes, from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. (This listing does not include wastewaters, wastewater treatment sludges, spent catalysts, and wastes listed in 40 CFR 261.31 or 261.32).		4	F024	1 (0.454)
F025—Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.		4	F025	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.		4	F026	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).		4	F027	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.		4	F028	1 (0.454)

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

[All comments/notes are located at the end of the table.]

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

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ¹¹	RCRA waste No.	Final RQ [pounds (kg)]
F038—Petroleum refinery secondary (emulsified) oil/water/solids separation sludge—Any sludge and/or float generated from the physical and/or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in: Induced air flotation (IAF) units, tanks and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges and floats generated in aggressive biological treatment units as defined in § 261.31(b)(2) (including sludges and floats generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units) and F037, K048, and K051 wastes are not included in this listing.		4	F038	1 (0.454)
F039—Leachate (liquids that have percolated through land disposed wastes) resulting from the disposal of more than one restricted waste classified as hazardous under subpart D of 40 CFR part 261. (Leachate resulting from the disposal of one or more of the following EPA Hazardous Wastes and no other hazardous wastes retains its EPA Hazardous Waste Number(s): F020, F021, F022, F026, F027, and/or F028).		4	F039	1 (0.454)
K001—Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol.		4	K001	1 (0.454)
K002—Wastewater treatment sludge from the production of chrome yellow and orange pigments.		4	K002	10 (4.54)
K003—Wastewater treatment sludge from the production of molybdate orange pigments.		4	K003	10 (4.54)
K004—Wastewater treatment sludge from the production of zinc yellow pigments.		4	K004	10 (4.54)
K005—Wastewater treatment sludge from the production of chrome green pigments.		4	K005	10 (4.54)
K006—Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated).		4	K006	10 (4.54)
K007—Wastewater treatment sludge from the production of iron blue pigments.		4	K007	10 (4.54)
K008—Oven residue from the production of chrome oxide green pigments.		4	K008	10 (4.54)
K009—Distillation bottoms from the production of acetaldehyde from ethylene.		4	K009	10 (4.54)
K010—Distillation side cuts from the production of acetaldehyde from ethylene.		4	K010	10 (4.54)
K011—Bottom stream from the wastewater stripper in the production of acrylonitrile.		4	K011	10 (4.54)
K013—Bottom stream from the acetonitrile column in the production of acrylonitrile.		4	K013	10 (4.54)
K014—Bottoms from the acetonitrile purification column in the production of acrylonitrile.		4	K014	5000 (2270)
K015—Still bottoms from the distillation of benzyl chloride.		4	K015	10 (4.54)
K016—Heavy ends or distillation residues from the production of carbon tetrachloride.		4	K016	1 (0.454)
K017—Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin.		4	K017	10 (4.54)
K018—Heavy ends from the fractionation column in ethyl chloride production.		4	K018	1 (0.454)
K019—Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production.		4	K019	1 (0.454)
K020—Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production.		4	K020	1 (0.454)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ¹¹	RCRA waste No.	Final RQ [pounds (kg)]
K021—Aqueous spent antimony catalyst waste from fluoromethanes production.		4	K021	10 (4.54)
K022—Distillation bottom tars from the production of phenol/acetone from cumene.		4	K022	1 (0.454)
K023—Distillation light ends from the production of phthalic anhydride from naphthalene.		4	K023	5000 (2270)
K024—Distillation bottoms from the production of phthalic anhydride from naphthalene.		4	K024	5000 (2270)
K025—Distillation bottoms from the production of nitrobenzene by the nitration of benzene.		4	K025	10 (4.54)
K026—Stripping still tails from the production of methyl ethyl pyridines.		4	K026	1000 (454)
K027—Centrifuge and distillation residues from toluene diisocyanate production.		4	K027	10 (4.54)
K028—Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane.		4	K028	1 (0.454)
K029—Waste from the product steam stripper in the production of 1,1,1-trichloroethane.		4	K029	1 (0.454)
K030—Column bottoms or heavy ends from the combined production of trichloroethylene and perchloroethylene.		4	K030	1 (0.454)
K031—By-product salts generated in the production of MSMA and cacodylic acid.		4	K031	1 (0.454)
K032—Wastewater treatment sludge from the production of chlordane.		4	K032	10 (4.54)
K033—Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane.		4	K033	10 (4.54)
K034—Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane.		4	K034	10 (4.54)
K035—Wastewater treatment sludges generated in the production of creosote.		4	K035	1 (0.454)
K036—Still bottoms from toluene reclamation distillation in the production of disulfoton.		4	K036	1 (0.454)
K037—Wastewater treatment sludges from the production of disulfoton.		4	K037	1 (0.454)
K038—Wastewater from the washing and stripping of phorate production.		4	K038	10 (4.54)
K039—Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate.		4	K039	10 (4.54)
K040—Wastewater treatment sludge from the production of phorate.		4	K040	10 (4.54)
K041—Wastewater treatment sludge from the production of toxaphene.		4	K041	1 (0.454)
K042—Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T.		4	K042	10 (4.54)
K043—2,6-Dichlorophenol waste from the production of 2,4-D.		4	K043	10 (4.54)
K044—Wastewater treatment sludges from the manufacturing and processing of explosives.		4	K044	10 (4.54)
K045—Spent carbon from the treatment of wastewater containing explosives.		4	K045	10 (4.54)
K046—Wastewater treatment sludges from the manufacturing, formulation and loading of lead-based initiating compounds.		4	K046	10 (4.54)
K047—Pink/red water from TNT operations		4	K047	10 (4.54)
K048—Dissolved air flotation (DAF) float from the petroleum refining industry.		4	K048	10 (4.54)
K049—Slop oil emulsion solids from the petroleum refining industry.		4	K049	10 (4.54)
K050—Heat exchanger bundle cleaning sludge from the petroleum refining industry.		4	K050	10 (4.54)
K051—API separator sludge from the petroleum refining industry.		4	K051	10 (4.54)
K052—Tank bottoms (leaded) from the petroleum refining industry.		4	K052	10 (4.54)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ¹¹	RCRA waste No.	Final RQ [pounds (kg)]
K060—Ammonia still lime sludge from coking operations.		4	K060	1 (0.454)
K061—Emission control dust/sludge from the primary production of steel in electric furnaces.		4	K061	10 (4.54)
K062—Spent pickle liquor generated by steel finishing operations of facilities within the iron and steel industry (SIC Codes 331 and 332).		4	K062	10 (4.54)
K069—Emission control dust/sludge from secondary lead smelting. (Note: This listing is stayed administratively for sludge generated from secondary acid scrubber systems. The stay will remain in effect until further administrative action is taken. If EPA takes further action effecting the stay, EPA will publish a notice of the action in the Federal Register).		4	K069	10 (4.54)
K071—Brine purification muds from the mercury cell process in chlorine production, where separately prepurified brine is not used.		4	K071	1 (0.454)
K073—Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using graphite anodes in chlorine production.		4	K073	10 (4.54)
K083—Distillation bottoms from aniline production		4	K083	100 (45.4)
K084—Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.		4	K084	1 (0.454)
K085—Distillation or fractionation column bottoms from the production of chlorobenzenes.		4	K085	10 (4.54)
K086—Solvent washes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tubs and equipment used in the formulation of ink from pigments, driers, soaps, and stabilizers containing chromium and lead.		4	K086	10 (4.54)
K087—Decanter tank tar sludge from coking operations.		4	K087	100 (45.4)
K088—Spent potliners from primary aluminum reduction.		4	K088	10 (4.54)
K093—Distillation light ends from the production of phthalic anhydride from ortho-xylene.		4	K093	5000 (2270)
K094—Distillation bottoms from the production of phthalic anhydride from ortho-xylene.		4	K094	5000 (2270)
K095—Distillation bottoms from the production of 1,1,1-trichloroethane.		4	K095	100 (45.4)
K096—Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane.		4	K096	100 (45.4)
K097—Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane.		4	K097	1 (0.454)
K098—Untreated process wastewater from the production of toxaphene.		4	K098	1 (0.454)
K099—Untreated wastewater from the production of 2,4-D.		4	K099	10 (4.54)
K100—Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting.		4	K100	10 (4.54)
K101—Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.		4	K101	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.		4	K102	1 (0.454)
K103—Process residues from aniline extraction from the production of aniline.		4	K103	100 (45.4)
K104—Combined wastewater streams generated from nitrobenzene/aniline production.		4	K104	10 (4.54)
K105—Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.		4	K105	10 (4.54)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ¹¹	RCRA waste No.	Final RQ [pounds (kg)]
K106—Wastewater treatment sludge from the mercury cell process in chlorine production.		4	K106	1 (0.454)
K107—Column bottoms from product separation from the production of 1,1- dimethylhydrazine (UDMH) from carboxylic acid hydrazines.		4	K107	10 (4.54)
K108—Condensed column overheads from product separation and condensed reactor vent gases from the production of 1,1- dimethylhydrazine (UDMH) from carboxylic acid hydrazides.		4	K108	10 (4.54)
K109—Spent filter cartridges from product purification from the production of 1,1- dimethylhydrazine (UDMH) from carboxylic acid hydrazides.		4	K109	10 (4.54)
K110—Condensed column overheads from intermediate separation from the production of 1,1- dimethylhydrazine (UDMH) from carboxylic acid hydrazides.		4	K110	10 (4.54)
K111—Product washwaters from the production of dinitrotoluene via nitration of toluene.		4	K111	10 (4.54)
K112—Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene.		4	K112	10 (4.54)
K113—Condensed liquid light ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.		4	K113	10 (4.54)
K114—Vicinals from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.		4	K114	10 (4.54)
K115—Heavy ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.		4	K115	10 (4.54)
K116—Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine.		4	K116	10 (4.54)
K117—Wastewater from the reactor vent gas scrubber in the production of ethylene dibromide via bromination of ethene.		4	K117	1 (0.454)
K118—Spent adsorbent solids from purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.		4	K118	1 (0.454)
K123—Process wastewater (including supernates, filtrates, and washwaters) from the production of ethylenebisdithiocarbamic acid and its salts.		4	K123	10 (4.54)
K124—Reactor vent scrubber water from the production of ethylenebisdithiocarbamic acid and its salts.		4	K124	10 (4.54)
K125—Filtration, evaporation, and centrifugation solids from the production of ethylenebisdithiocarbamic acid and its salts.		4	K125	10 (4.54)
K126—Baghouse dust and floor sweepings in milling and packaging operations from the production or formulation of ethylenebisdithiocarbamic acid and its salts.		4	K126	10 (4.54)
K131—Wastewater from the reactor and spent sulfuric acid from the acid dryer from the production of methyl bromide.		4	K131	100 (45.4)
K132—Spent absorbent and wastewater separator solids from the production of methyl bromide.		4	K132	1000 (454)
K136—Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.		4	K136	1 (0.454)
K141—Process residues from the recovery of coal tar, including, but not limited to, collecting sump residues from the production of coke from coal or the recovery of coke by-products produced from coal This listing does not include K087 (decanter tank tar sludges from coking operations).		4	K141	1 (0.454)
K142—Tar storage tank residues from the production of coke from coal or from the recovery of coke by-products produced from coal.		4	K142	1 (0.454)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ⁱ	Statutory code ⁱⁱ	RCRA waste No.	Final RQ [pounds (kg)]
K143—Process residues from the recovery of light oil, including, but not limited to, those generated in stills, decanters, and wash oil recovery units from the recovery of coke by-products produced from coal.		4	K143	1 (0.454)
K144—Wastewater sump residues from light oil refining, including, but not limited to, intercepting or contamination sump sludges from the recovery of coke by-products produced from coal.		4	K144	1 (0.454)
K145—Residues from naphthalene collection and recovery operations from the recovery of coke by-products produced from coal.		4	K145	1 (0.454)
K147—Tar storage tank residues from coal tar refining.		4	K147	1 (0.454)
K148—Residues from coal tar distillation, including, but not limited to, still bottoms.		4	K148	1 (0.454)
K149—Distillation bottoms from the production of alpha-(or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. [This waste does not include still bottoms from the distillation of benzyl chloride].		4	K149	10 (4.54)
K150—Organic residuals, excluding spent carbon adsorbent, from the spent chlorine gas and hydrochloric acid recovery processes associated with the production of alpha- (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.		4	K150	10 (4.54)
K151—Wastewater treatment sludges, excluding neutralization and biological sludges, generated during the treatment of waste-waters from the production of alpha- (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.		4	K151	10 (4.54)
K156—Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and decantates) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate).		4	K156	10 (4.54)
K157—Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate).		4	K157	10 (4.54)
K158—Bag house dusts and filter/separation solids from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate).		4	K158	10 (4.54)
K159—Organics from the treatment of thiocarbamate wastes.		4	K159	10 (4.54)
K161—Purification solids (including filtration, evaporation, and centrifugation solids), bag-house dust and floor sweepings from the production of dithiocarbamate acids and their salts. (This listing does not include K125 or K126).		4	K161	1 (0.454)
K169—Crude oil storage tank sediment from petroleum refining operations.		4	K169	10 (4.54)
K170 ⁱ —Clarified slurry oil tank sediment and/or in-line filter/separation solids from petroleum refining operations.		4	K170	1 (0.454)
K171 ⁱ —Spent hydrotreating catalyst from petroleum refining operations. (This listing does not include inert support media).		4	K171	1 (0.454)

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

[All comments/notes are located at the end of the table.]

Hazardous substance	CASRN ¹	Statutory code ¹¹	RCRA waste No.	Final RQ [pounds (kg)]
K172 ¹ —Spent hydrorefining catalyst from petroleum refining operations. (This listing does not include inert support media).		4	K172	1 (0.454)
K174 ¹		4	K174	1 (0.454)
K175 ¹		4	K175	1 (0.454)
K176—Baghouse filters from the production of antimony oxide, including filters from the production of intermediates (e.g., antimony metal or crude antimony oxide).		4	K176	1 (0.454)
K177—Slag from the production of antimony oxide that is speculatively accumulated or disposed, including slag from the production of intermediates (e.g., antimony metal or crude antimony oxide).		4	K177	5000 (2270)
K178—Residues from manufacturing and manufacturing-site storage of ferric chloride from acids formed during the production of titanium dioxide using the chloride-ilmenite process.		4	K178	1000 (454)
K181—Nonwastewaters from the production of dyes and/or pigments (including nonwastewaters commingled at the point of generation with nonwastewaters from other processes) that, at the point of generation, contain mass loadings of any of the constituents identified in paragraph (c) of section 261.32 that are equal to or greater than the corresponding paragraph (c) levels, as determined on a calendar year basis.		4	K181	(##)

¹ Provides reference to Note I to Table 302.4 to discuss the applicability of CASRNs.

¹¹ Indicates the statutory source defined by 1, 2, 3, and 4, as described in the Note II to Table 302.4.

^{III} No reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is larger than 100 micrometers (0.004 inches).

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

^V The Agency may adjust the statutory RQ for this hazardous substance in a future rulemaking; until then the statutory one-pound RQ applies.

^{##} The Agency may adjust the statutory RQ for this hazardous substance in a future rulemaking; until then the statutory one-pound RQ applies.

[§] The adjusted RQs for radionuclides may be found in appendix B to this table.

^{**} Indicates that no RQ is being assigned to the generic or broad class.

^a Benzene was already a CERCLA hazardous substance prior to the CAA Amendments of 1990 and received an adjusted 10-pound RQ based on potential carcinogenicity in an August 14, 1989, final rule (54 FR 33418). The CAA Amendments specify that "benzene (including benzene from gasoline)" is a hazardous air pollutant and, thus, a CERCLA hazardous substance.

^b The CAA Amendments of 1990 list DDE (3547–04–4) as a CAA hazardous air pollutant. The CAS number, 3547–04–4, is for the chemical, p,p'-dichlorodiphenylethane. DDE or p,p'-dichlorodiphenyldichloroethylene, CAS number 72–55–9, is already listed in Table 302.4 with a final RQ of 1 pound. The substance identified by the CAS number 3547–04–4 has been evaluated and listed as DDE to be consistent with the CAA section 112 listing, as amended.

^c Includes mineral fiber emissions from facilities manufacturing or processing glass, rock, or slag fibers (or other mineral derived fibers) of average diameter 1 micrometer or less.

^d Includes mono- and di-ethers of ethylene glycol, diethylene glycol, and triethylene glycol R-(OCH₂CH₂)_n-OR' where:

n = 1, 2, or 3;

R = alkyl C7 or less; or

R = phenyl or alkyl substituted phenyl;

R' = H or alkyl C7 or less; or

OR' consisting of carboxylic acid ester, sulfate, phosphate, nitrate, or sulfonate.

^e Includes organic compounds with more than one benzene ring, and which have a boiling point greater than or equal to 100 °C.

^f See 40 CFR 302.6(b)(1) for application of the mixture rule to this hazardous waste.

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

Appendix A to § 302.4 lists CERCLA hazardous substances in sequential

order by CASRN and provides a per-substance grouping of regulatory synonyms (*i.e.*, names by which each hazardous substance is identified in other statutes and their implementing regulations).

CASRN	Hazardous substance
50–00–0	Formaldehyde.

CASRN	Hazardous substance
50–07–7	Azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione,6-amino-8-[[aminocarbonyl]oxy]methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-, [1aS-(1aalpha,8beta,8aalpha,8balpha)]-.
50–18–0	Mitomycin C.
50–18–0	Cyclophosphamide.
50–29–3	2H–1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide.
50–29–3	Benzene, 1,1'-(2,2,2- trichloroethylidene)bis[4-chloro-.
50–32–8	DDT.
50–32–8	4,4'-DDT.
50–32–8	Benzo[a]pyrene.
50–55–5	3,4-Benzopyrene.
50–55–5	Reserpine.
50–55–5	Yohimban-16-carboxylic acid,11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester (3beta,16beta,17alpha,18beta,20alpha)-.
51–28–5	Phenol, 2,4-dinitro-.
51–28–5	2,4-Dinitrophenol.
51–43–4	Epinephrine.
51–43–4	1,2-Benzenediol,4-[1-hydroxy-2-(methylamino) ethyl]-.
51–79–6	Carbamic acid, ethyl ester.
51–79–6	Ethyl carbamate.
51–79–6	Urethane.
52–68–6	Trichlorfon.
52–85–7	Famphur.
52–85–7	Phosphorothioic acid, O-[4-[(dimethylamino) sulfonyl]phenyl] O,O-dimethyl ester.
53–70–3	Dibenz[a,h]anthracene.
53–70–3	Dibenzo[a,h]anthracene.
53–96–3	1,2:5,6-Dibenzanthracene.
53–96–3	Acetamide, N–9H-fluoren-2-yl-.
54–11–5	2-Acetylaminofluorene.
54–11–5	Nicotine, & salts.
54–11–5	Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-, & salts.
55–18–5	Ethanamine, N-ethyl-N-nitroso-.
55–18–5	N-Nitrosodiethylamine.
55–63–0	Nitroglycerine.
55–63–0	1,2,3-Propanetriol, trinitrate.
55–91–4	Diisopropylfluorophosphate (DFP).
55–91–4	Phosphorofluoridic acid, bis(1-methylethyl) ester.
56–04–2	Methylthiouracil.
56–04–2	4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-.
56–23–5	Carbon tetrachloride.
56–23–5	Methane, tetrachloro-.
56–38–2	Parathion.
56–38–2	Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester.
56–49–5	Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-.
56–49–5	3-Methylcholanthrene.
56–53–1	Diethylstilbestrol.
56–53–1	Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E).
56–55–3	Benzo[a]anthracene.
56–55–3	Benzo[a]anthracene.
56–55–3	1,2-Benzanthracene.
56–72–4	Coumaphos.
57–14–7	Hydrazine, 1,1-dimethyl-.
57–14–7	1,1-Dimethylhydrazine.
57–24–9	Strychnidin-10-one, & salts.
57–24–9	Strychnine, & salts.
57–47–6	Physostigmine.
57–47–6	Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3aS-cis)-.
57–57–8	beta-Propiolactone.
57–64–7	Benzoic acid, 2-hydroxy-, compd. with (3aS-cis)-1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-yl methylcarbamate ester (1:1).
57–64–7	Physostigmine salicylate.
57–74–9	Chlordane.
57–74–9	Chlordane, alpha & gamma isomers.
57–74–9	CHLORDANE (TECHNICAL MIXTURE AND METABOLITES).

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CASRN	Hazardous substance
57-97-6	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8- octachloro-2,3,3a,4,7,7a-hexahydro-. Benz[a]anthracene, 7,12-dimethyl-. 7,12-Dimethylbenz[a]anthracene.
58-89-9	γ-BHC. Cyclohexane, 1,2,3,4,5,6-hexachloro-(1α,2α,3β,4α,5α,6β)-. Lindane. Lindane (all isomers).
58-90-2	Phenol, 2,3,4,6-tetrachloro-. 2,3,4,6-Tetrachlorophenol.
59-50-7	p-Chloro-m-cresol. Phenol, 4-chloro-3-methyl-.
59-89-2	N-Nitrosomorpholine.
60-00-4	Ethylenediamine-tetraacetic acid (EDTA).
60-11-7	Benzenamine, N,N-dimethyl-4-(phenylazo)-. Dimethyl aminoazobenzene. p-Dimethylaminoazobenzene.
60-29-7	Ethane, 1,1'-oxybis-. Ethyl ether.
60-34-4	Hydrazine, methyl-. Methyl hydrazine.
60-35-5	Acetamide.
60-51-5	Dimethoate.
60-57-1	Phosphorodithioic acid, O,O-dimethyl S-[2(methylamino)-2-oxoethyl] ester. Dieldrin. 2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2, 2a,3,6,6a,7,7a- octahydro-, (1aalpha,2beta,2aalpha,3beta,6beta, 6aalpha,7beta, 7aalpha)-.
61-82-5	Amitrole. 1H-1,2,4-Triazol-3-amine.
62-38-4	Mercury, (acetato-O)phenyl-. Phenylmercury acetate.
62-44-2	Acetamide, N-(4-ethoxyphenyl)-. Phenacetin.
62-50-0	Ethyl methanesulfonate. Methanesulfonic acid, ethyl ester.
62-53-3	Aniline. Benzenamine.
62-55-5	Ethanethioamide. Thioacetamide.
62-56-6	Thiourea.
62-73-7	Dichlorvos.
62-74-8	Acetic acid, fluoro-, sodium salt. Fluoroacetic acid, sodium salt.
62-75-9	Methanamine, N-methyl-N-nitroso-. N-Nitrosodimethylamine.
63-25-2	Carbaryl. 1-Naphthalenol, methylcarbamate.
64-00-6	m-Cumenyl methylcarbamate. 3-Isopropylphenyl N-methylcarbamate. Phenol, 3-(1-methylethyl)-, methyl carbamate.
64-18-6	Formic acid.
64-19-7	Acetic acid.
64-67-5	Diethyl sulfate.
65-85-0	Benzoic acid.
66-75-1	Uracil mustard. 2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl) amino]-.
67-56-1	Methanol. Methyl alcohol.
67-64-1	Acetone. 2-Propanone.
67-66-3	Chloroform. Methane, trichloro-.
67-72-1	Ethane, hexachloro-. Hexachloroethane.
68-12-2	Dimethylformamide.
70-25-7	Guanidine, N-methyl-N'-nitro-N-nitroso-.

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CASRN	Hazardous substance
70–30–4	MNNG. Hexachlorophene.
71–36–3	Phenol, 2,2'-methylenebis[3,4,6-tri- chloro- n-Butyl alcohol.
71–43–2	1-Butanol.
71–55–6	Benzene.
71–55–6	Ethane, 1,1,1-trichloro-.
71–55–6	Methyl chloroform.
71–55–6	1,1,1-Trichloroethane.
72–20–8	Endrin.
72–20–8	Endrin, & metabolites.
72–20–8	2,7:3,6-Dimethanonaphth[2,3-b]oxirene,3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a- octahydro-, (1aalpha,2beta,2abeta,3alpha, 6alpha,6abeta,7beta,7aalpha)-, & metabo- lites.
72–43–5	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4- methoxy-.
72–43–5	Methoxychlor.
72–54–8	Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro-.
72–54–8	DDD.
72–54–8	TDE.
72–54–8	4,4'-DDD.
72–55–9	DDE.
72–55–9	4,4'-DDE.
72–57–1	Trypan blue.
72–57–1	2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethyl-(1,1'-biphenyl)-4,4'-diyl)- bis(azo)]bis(5-amino-4-hydroxy)-tetrasodium salt.
74–83–9	Bromomethane.
74–83–9	Methane, bromo-.
74–83–9	Methyl bromide.
74–87–3	Chloromethane.
74–87–3	Methane, chloro-.
74–87–3	Methyl chloride.
74–88–4	Iodomethane.
74–88–4	Methane, iodo-.
74–88–4	Methyl iodide.
74–89–5	Monomethylamine.
74–90–8	Hydrocyanic acid.
74–90–8	Hydrogen cyanide.
74–93–1	Methanethiol.
74–93–1	Methyl mercaptan.
74–93–1	Thiomethanol.
74–95–3	Methane, dibromo-.
74–95–3	Methylene bromide.
75–00–3	Chloroethane.
75–00–3	Ethyl chloride.
75–01–4	Ethene, chloro-.
75–01–4	Vinyl chloride.
75–04–7	Monoethylamine.
75–05–8	Acetonitrile.
75–07–0	Acetaldehyde.
75–07–0	Ethanal.
75–09–2	Dichloromethane.
75–09–2	Methane, dichloro-.
75–09–2	Methylene chloride.
75–15–0	Carbon disulfide.
75–20–7	Calcium carbide.
75–21–8	Ethylene oxide.
75–21–8	Oxirane.
75–25–2	Bromoform.
75–25–2	Methane, tribromo-.
75–27–4	Dichlorobromomethane.
75–34–3	Ethane, 1,1-dichloro-.
75–34–3	Ethylidene dichloride.
75–34–3	1,1-Dichloroethane.
75–35–4	Ethene, 1,1-dichloro-.
75–35–4	Vinylidene chloride.

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CASRN	Hazardous substance
75-36-5	1,1-Dichloroethylene.
75-44-5	Acetyl chloride.
75-50-3	Carbonic dichloride.
75-55-8	Phosgene.
75-56-9	Trimethylamine.
75-60-5	Aziridine, 2-methyl-.
75-64-9	2-Methyl aziridine.
75-69-4	1,2-Propylenimine.
75-71-8	Propylene oxide.
75-86-5	Arsinic acid, dimethyl-.
75-87-6	Cacodylic acid.
75-99-0	tert-Butylamine.
76-01-7	Methane, trichlorofluoro-.
76-44-8	Trichloromonofluoromethane.
77-47-4	Dichlorodifluoromethane.
77-78-1	Methane, dichlorodifluoro-.
78-00-2	Acetone cyanohydrin.
78-06-1	Propanenitrile, 2-hydroxy-2-methyl-.
78-08-3	2-Methyl lactonitrile.
78-09-5	Acetaldehyde, trichloro-.
78-10-7	Chloral.
78-11-8	2,2-Dichloropropionic acid.
78-19-6	Ethane, pentachloro-.
78-22-1	Pentachloroethane.
78-31-2	Heptachlor.
78-34-5	4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-.
78-44-7	Hexachlorocyclopentadiene.
78-46-9	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexa- chloro-.
78-59-1	Dimethyl sulfate.
78-79-5	Sulfuric acid, dimethyl ester.
78-81-9	Plumbane, tetraethyl-.
78-83-1	Tetraethyl lead.
78-87-5	Isophorone.
78-88-6	Isoprene.
78-93-3	iso-Butylamine.
79-00-5	Isobutyl alcohol.
79-01-6	1-Propanol, 2-methyl-.
79-06-1	Propane, 1,2-dichloro-.
79-09-4	Propylene dichloride.
79-10-7	1,2-Dichloropropane.
79-11-8	2,3-Dichloropropene.
79-19-6	2-Butanone.
79-22-1	MEK.
79-31-2	Methyl ethyl ketone.
79-34-5	1,1-Dichloropropane.
79-44-7	Ethane, 1,1,2-trichloro-.
79-46-9	1,1,2-Trichloroethane.
79-50-3	Ethene, trichloro-.
79-55-8	Trichloroethylene.
79-56-9	Acrylamide.
79-59-4	2-Propenamide.
79-60-5	Propionic acid.
79-64-9	Acrylic acid.
79-69-4	2-Propenoic acid.
79-71-8	Chloroacetic acid.
79-78-1	Hydrazinecarbothioamide.
79-81-9	Thiosemicarbazide.
79-83-1	Carbonochloridic acid, methyl ester.
79-87-5	Methyl chlorocarbonate.
79-89-7	iso-Butyric acid.
79-91-9	Ethane, 1,1,2,2-tetrachloro-.
79-93-3	1,1,2,2-Tetrachloroethane.
79-95-5	Carbamic chloride, dimethyl-.
79-97-7	Dimethylcarbamoyl chloride.
79-99-9	Propane, 2-nitro-.

CASRN	Hazardous substance
80–15–9	2-Nitropropane. alpha,alpha-Dimethylbenzylhydroperoxide. Hydroperoxide, 1-methyl-1-phenylethyl-.
80–62–6	Methyl methacrylate. 2-Propenoic acid, 2-methyl-, methyl ester.
81–81–2	Warfarin, & salts.
82–68–8	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts. Benzene, pentachloronitro-. PCNB. Pentachloronitrobenzene. Quintobenzene.
83–32–9	Acenaphthene.
84–66–2	Diethyl phthalate. 1,2-Benzenedicarboxylic acid, diethyl ester.
84–74–2	Di-n-butyl phthalate. Dibutyl phthalate. n-Butyl phthalate. 1,2-Benzenedicarboxylic acid, dibutyl ester.
85–00–7	Diquat.
85–01–8	Phenanthrene.
85–44–9	Phthalic anhydride. 1,3-Isobenzofurandione.
85–68–7	Butyl benzyl phthalate.
86–30–6	N-Nitrosodiphenylamine.
86–50–0	Guthion.
86–73–7	Fluorene.
86–88–4	alpha-Naphthylthiourea. Thiourea, 1-naphthalenyl-.
87–65–0	Phenol, 2,6-dichloro-. 2,6-Dichlorophenol.
87–68–3	Hexachlorobutadiene. 1,3-Butadiene, 1,1,2,3,4,4-hexachloro-.
87–86–5	Pentachlorophenol. Phenol, pentachloro-.
88–06–2	Phenol, 2,4,6-trichloro-. 2,4,6-Trichlorophenol.
88–72–2	o-Nitrotoluene.
88–75–5	o-Nitrophenol. 2-Nitrophenol.
88–85–7	Dinoseb. Phenol, 2-(1-methylpropyl)-4,6-dinitro-.
90–04–0	o-Anisidine.
91–08–7	Benzene, 1,3-diisocyanatomethyl-. Toluene diisocyanate. 2,4-Toluene diisocyanate.
91–20–3	Naphthalene.
91–22–5	Quinoline.
91–58–7	beta-Chloronaphthalene. Naphthalene, 2-chloro-.
91–59–8	2-Chloronaphthalene. beta-Naphthylamine. 2-Naphthalenamine.
91–66–7	N,N-Diethylaniline.
91–80–5	Methapyrilene. 1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'- (2-thienylmethyl)-.
91–94–1	[1,1'-Biphenyl]-4,4'-diamine,3,3'-dichloro-. 3,3'-Dichlorobenzidine.
92–52–4	Biphenyl.
92–67–1	4-Aminobiphenyl.
92–87–5	Benzidine. [1,1'-Biphenyl]-4,4'-diamine.
92–93–3	4-Nitrobiphenyl. Propanoic acid, 2-(2,4,5-trichlorophenoxy)-. Silvex (2,4,5-TP). 2,4,5-TP acid.

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CASRN	Hazardous substance
93-76-5	Acetic acid, (2,4,5-trichlorophenoxy)-.
93-72-1	2,4,5-T.
93-79-8	2,4,5-T acid.
94-11-1	2,4,5-T esters.
94-58-6	2,4-D Ester.
94-59-7	Dihydrosafrole.
94-79-1	1,3-Benzodioxole, 5-propyl-.
94-80-4	Safrole.
95-47-6	1,3-Benzodioxole, 5-(2-propenyl)-.
95-48-7	2,4-D Ester.
95-50-1	2,4-D Ester.
95-53-4	o-Xylene.
95-57-8	o-Cresol.
95-80-7	Benzene, 1,2-dichloro-.
95-94-3	o-Dichlorobenzene.
95-95-4	1,2-Dichlorobenzene.
96-09-3	Benzenamine, 2-methyl-.
96-12-8	o-Toluidine.
96-45-7	o-Chlorophenol.
97-63-2	Phenol, 2-chloro-.
98-01-1	2-Chlorophenol.
98-07-7	Benzenediamine, ar-methyl-.
98-09-9	Toluenediamine.
98-82-8	2,4-Toluene diamine.
98-86-2	Benzene, 1,2,4,5-tetrachloro-.
98-87-3	1,2,4,5-Tetrachlorobenzene.
98-88-4	Phenol, 2,4,5-trichloro-.
98-95-3	2,4,5-Trichlorophenol.
99-08-1	Styrene oxide.
99-35-4	Propane, 1,2-dibromo-3-chloro-.
99-55-8	1,2-Dibromo-3-chloropropane.
99-65-0	Ethylenethiourea.
99-99-0	2-Imidazolidinethione.
100-01-6	Ethyl methacrylate.
100-02-7	2-Propenoic acid, 2-methyl-, ethyl ester.
100-25-4	Furfural.
100-41-4	2-Furancarboxaldehyde.
100-42-5	Benzene, (trichloromethyl)-.
	Benzotrichloride.
	Benzenesulfonic acid chloride.
	Benzenesulfonyl chloride.
	Benzene, (1-methylethyl)-.
	Cumene.
	Acetophenone.
	Ethanone, 1-phenyl-.
	Benzal chloride.
	Benzene, (dichloromethyl)-.
	Benzoyl chloride.
	Benzene, nitro-.
	Nitrobenzene.
	m-Nitrotoluene.
	Benzene, 1,3,5-trinitro-.
	1,3,5-Trinitrobenzene.
	Benzenamine, 2-methyl-5-nitro-.
	5-Nitro-o-toluidine.
	m-Dinitrobenzene.
	p-Nitrotoluene.
	Benzenamine, 4-nitro-.
	p-Nitroaniline.
	p-Nitrophenol.
	Phenol, 4-nitro-.
	4-Nitrophenol.
	p-Dinitrobenzene.
	Ethylbenzene.
	Styrene.

CASRN	Hazardous substance
100–44–7	Benzene, (chloromethyl)-.
100–47–0	Benzyl chloride.
100–75–4	Benzonitrile.
101–14–4	N-Nitrosopiperidine.
101–14–4	Piperidine, 1-nitroso-.
101–14–4	Benzenamine, 4,4'-methylenebis[2-chloro-.
101–27–9	4,4'-Methylenebis(2-chloroaniline).
101–27–9	Barban.
101–55–3	Carbamic acid, (3-chlorophenyl)-, 4-chloro-2-butynyl ester.
101–55–3	Benzene, 1-bromo-4-phenoxy-.
101–68–8	4-Bromophenyl phenyl ether.
101–68–8	MDI.
101–77–9	Methylene diphenyl diisocyanate.
101–77–9	4,4'-Methylenedianiline.
103–85–5	Phenylthiourea.
105–46–4	Thiourea, phenyl-.
105–46–4	sec-Butyl acetate.
105–67–9	Phenol, 2,4-dimethyl-.
105–67–9	2,4-Dimethylphenol.
106–42–3	p-Xylene.
106–44–5	p-Cresol.
106–46–7	Benzene, 1,4-dichloro-.
106–46–7	p-Dichlorobenzene.
106–46–7	1,4-Dichlorobenzene.
106–47–8	Benzenamine, 4-chloro-.
106–47–8	p-Chloroaniline.
106–49–0	Benzenamine, 4-methyl-.
106–49–0	p-Toluidine.
106–50–3	p-Phenylenediamine.
106–51–4	p-Benzoquinone.
106–51–4	2,5-Cyclohexadiene-1,4-dione.
106–51–4	Quinone.
106–88–7	1,2-Epoxybutane.
106–89–8	1-Chloro-2,3-epoxypropane.
106–89–8	Epichlorohydrin.
106–93–4	Oxirane, (chloromethyl)-.
106–93–4	Dibromoethane.
106–93–4	Ethane, 1,2-dibromo-.
106–94–5	Ethylene dibromide.
106–94–5	1-Bromopropane (BP).
106–99–0	n-Propyl bromide (nPB).
106–99–0	1,3-Butadiene.
107–02–8	Acrolein.
107–02–8	2-Propenal.
107–05–1	Allyl chloride.
107–06–2	Ethane, 1,2-dichloro-.
107–06–2	Ethylene dichloride.
107–06–2	1,2-Dichloroethane.
107–10–8	n-Propylamine.
107–10–8	1-Propanamine.
107–12–0	Ethyl cyanide.
107–12–0	Propanenitrile.
107–13–1	Acrylonitrile.
107–13–1	2-Propenenitrile.
107–15–3	Ethylenediamine.
107–18–6	Allyl alcohol.
107–18–6	2-Propen-1-ol.
107–19–7	Propargyl alcohol.
107–19–7	2-Propyn-1-ol.
107–20–0	Acetaldehyde, chloro-.
107–20–0	Chloroacetaldehyde.
107–21–1	Ethylene glycol.
107–30–2	Chloromethyl methyl ether.
107–30–2	Methane, chloromethoxy-.
107–49–3	Diphosphoric acid, tetraethyl ester.

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CASRN	Hazardous substance
107-92-6	Tetraethyl pyrophosphate.
108-05-4	Butyric acid.
108-10-1	Vinyl acetate.
108-10-1	Vinyl acetate monomer.
108-10-1	Hexone.
108-24-7	Methyl isobutyl ketone.
108-31-6	4-Methyl-2-pentanone.
108-31-6	Acetic anhydride.
108-31-6	Maleic anhydride.
108-38-3	2,5-Furandione.
108-39-4	m-Xylene.
108-46-3	m-Cresol.
108-60-1	Resorcinol.
108-60-1	1,3-Benzenediol.
108-88-3	Dichloroisopropyl ether.
108-88-3	Propane, 2,2'-oxybis[2-chloro-.
108-90-7	Benzene, methyl-.
108-90-7	Toluene.
108-94-1	Benzene, chloro-.
108-94-1	Chlorobenzene.
108-95-2	Cyclohexanone.
108-98-5	Phenol.
108-98-5	Benzenethiol.
109-06-8	Thiophenol.
109-06-8	Pyridine, 2-methyl-.
109-06-8	2-Picoline.
109-73-9	Butylamine.
109-77-3	Malononitrile.
109-77-3	Propanedinitrile.
109-89-7	Diethylamine.
109-99-9	Furan, tetrahydro-.
110-00-9	Tetrahydrofuran.
110-00-9	Furan.
110-16-7	Furfuran.
110-16-7	Maleic acid.
110-17-8	Fumaric acid.
110-19-0	iso-Butyl acetate.
110-54-3	Hexane.
110-75-8	Ethene, (2-chloroethoxy)-.
110-80-5	2-Chloroethyl vinyl ether.
110-80-5	Ethanol, 2-ethoxy-.
110-82-7	Ethylene glycol monoethyl ether.
110-82-7	Benzene, hexahydro-.
110-86-1	Cyclohexane.
111-42-2	Pyridine.
111-42-2	Diethanolamine.
111-44-4	Bis(2-chloroethyl) ether.
111-44-4	Dichloroethyl ether.
111-54-6	Ethane, 1,1'-oxybis[2-chloro-.
111-54-6	Carbamodithioic acid, 1,2-ethanediylbis-, salts & esters.
111-54-6	Ethylenebisdithiocarbamic acid, salts & esters.
111-91-1	Bis(2-chloroethoxy) methane.
111-91-1	Dichloromethoxy ethane.
114-26-1	Ethane, 1,1'-[methylenebis(oxy)]bis(2-chloro-.
114-26-1	Phenol, 2-(1-methylethoxy)-, methylcarbamate.
115-02-6	Propoxur (Baygon).
115-02-6	Azaserine.
115-29-7	L-Serine, diazoacetate (ester).
115-29-7	Endosulfan.
115-32-2	6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-, 3-oxide.
116-06-3	Dicofol.
116-06-3	Aldicarb.
117-80-6	Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl]oxime.
117-80-6	Dichlone.

CASRN	Hazardous substance
117–81–7	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester. Bis(2-ethylhexyl)phthalate. DEHP. Diethylhexyl phthalate.
117–84–0	Di-n-octyl phthalate. 1,2-Benzenedicarboxylic acid, dioctyl ester.
118–74–1	Benzene, hexachloro-. Hexachlorobenzene.
119–38–0	Carbamic acid, dimethyl-, 3-methyl-1-(1-methylethyl)-1H-pyrazol-5-yl ester. Isolan.
119–90–4	[1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethoxy-. 3,3'-Dimethoxybenzidine.
119–93–7	[1,1'-Biphenyl]-4,4'-diamine,3,3'- dimethyl-. 3,3'-Dimethylbenzidine.
120–12–7	Anthracene.
120–58–1	Isosafrole. 1,3-Benzodioxole, 5-(1-propenyl)-.
120–80–9	Catechol.
120–82–1	1,2,4-Trichlorobenzene.
120–83–2	Phenol, 2,4-dichloro-. 2,4-Dichlorophenol.
121–14–2	Benzene, 1-methyl-2,4-dinitro-. 2,4-Dinitrotoluene.
121–21–1	Pyrethrins.
121–29–9	Pyrethrins.
121–44–8	Ethanamine, N,N-diethyl-. Triethylamine.
121–69–7	N,N-Dimethylaniline.
121–75–5	Malathion.
122–09–8	alpha,alpha-Dimethylphenethylamine. Benzeneethanamine, alpha,alpha-dimethyl-. Carbamic acid, phenyl-, 1-methylethyl ester. Propham.
122–66–7	Hydrazine, 1,2-diphenyl-. 1,2-Diphenylhydrazine.
123–31–9	Hydroquinone.
123–33–1	Maleic hydrazide. 3,6-Pyridazinedione, 1,2-dihydro-.
123–38–6	Propionaldehyde.
123–62–6	Propionic anhydride.
123–63–7	Paraldehyde. 1,3,5-Trioxane, 2,4,6-trimethyl-.
123–73–9	Crotonaldehyde. 2-Butenal.
123–86–4	Butyl acetate.
123–91–1	1,4-Diethyleneoxide. 1,4-Dioxane.
123–92–2	iso-Amyl acetate.
124–04–9	Adipic acid.
124–40–3	Dimethylamine. Methanamine, N-methyl-.
124–41–4	Sodium methylate.
124–48–1	Chlorodibromomethane.
126–72–7	Tris(2,3-dibromopropyl) phosphate. 1-Propanol, 2,3-dibromo-, phosphate (3:1).
126–98–7	Methacrylonitrile. 2-Propenenitrile, 2-methyl-.
126–99–8	Chloroprene.
127–18–4	Ethene, tetrachloro-. Perchloroethylene. Tetrachloroethylene.
127–82–2	Zinc phenolsulfonate.
129–00–0	Pyrene.
130–15–4	1,4-Naphthalenedione. 1,4-Naphthoquinone.

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CASRN	Hazardous substance
131-11-3	Dimethyl phthalate.
131-74-8	1,2-Benzenedicarboxylic acid, dimethyl ester.
131-89-5	Ammonium picrate.
132-64-9	Phenol, 2,4,6-trinitro-, ammonium salt.
133-06-2	Phenol, 2-cyclohexyl-4,6-dinitro-.
133-90-4	2-Cyclohexyl-4,6-dinitrophenol.
134-32-7	Dibenzofuran.
137-26-8	Captan.
137-30-4	Chloramben.
140-88-5	alpha-Naphthylamine.
141-78-6	1-Naphthalenamine.
142-28-9	Thioperoxydicarbonic diamide ((H2N)C(S))2S2, tetramethyl-.
142-71-2	Thiram.
142-84-7	Zinc, bis(dimethylcarbamodithioato-S,S')-.
143-33-9	Ziram.
143-50-0	Ethyl acrylate.
145-73-3	2-Propenoic acid, ethyl ester.
148-82-3	Acetic acid, ethyl ester.
151-50-8	Ethyl acetate.
151-56-4	1,3-Dichloropropane.
152-16-9	Cupric acetate.
156-60-5	Dipropylamine.
156-62-7	1-Propanamine, N-propyl-.
189-55-9	Sodium cyanide Na(CN).
191-24-2	Kepone.
193-39-5	1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5a,5b,6-decachlorooctahydro-.
205-99-2	Endothall.
206-44-0	7-Oxabicyclo[221]heptane-2,3-dicarboxylic acid.
207-08-9	L-Phenylalanine, 4-[bis(2-chloroethyl)amino]-.
208-96-8	Melphalan.
218-01-9	Potassium cyanide K(CN).
225-51-4	Aziridine.
229-97-2	Ethylenimine.
298-00-0	Diphosphoramidate, octamethyl-.
298-02-2	Octamethylpyrophosphoramidate.
298-04-4	Ethene, 1,2-dichloro- (E).
300-76-5	1,2-Dichloroethylene.
301-04-2	Calcium cyanamide.
302-01-2	Benzo[rs]pentaphene.
303-34-4	Dibenzo[a,i]pyrene.
	Benzo[ghi]perylene.
	Indeno(1,2,3-cd)pyrene.
	Benzo[b]fluoranthene.
	Fluoranthene.
	Benzo(k)fluoranthene.
	Acenaphthylene.
	Chrysene.
	Benz[c]acridine.
	O,O-Diethyl O-pyrazinyl phosphorothioate.
	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester.
	Methyl parathion.
	Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl) ester.
	Phorate.
	Phosphorodithioic acid, O,O-diethyl S-[(ethylthio) methyl] ester.
	Disulfoton.
	Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester.
	Naled.
	Acetic acid, lead(2 +) salt.
	Lead acetate.
	Hydrazine.
	Lasiocarpine.
	2-Butenoic acid, 2-methyl-, 7-[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy]methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester, [1S-[1alpha(Z),7(2S*,3R*),7aalpha]]-.

CASRN	Hazardous substance
305–03–3	Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]-.
309–00–2	Chlorambucil.
311–45–5	Aldrin.
315–18–4	1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4abeta,5alpha,8alpha,8abeta)-.
319–84–6	Diethyl-p-nitrophenyl phosphate.
319–85–7	Phosphoric acid, diethyl 4-nitrophenyl ester.
319–86–8	Mexacarbate.
329–71–5	Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester).
330–54–1	alpha—BHC.
333–41–5	beta—BHC.
334–88–3	delta—BHC.
335–67–1	2,5-Dinitrophenol.
353–50–4	Diuron.
357–57–3	Diazinon.
460–19–5	Diazomethane.
463–58–1	Perfluorooctanoic acid
465–73–6	Carbon oxyfluoride.
492–80–8	Carbonic difluoride.
494–03–1	Brucine.
496–72–0	Strychnidin-10-one, 2,3-dimethoxy-.
504–24–5	Cyanogen.
504–60–9	Ethanedinitrile.
506–61–6	Carbonyl sulfide.
506–64–9	Isodrin.
506–68–3	1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4abeta,5beta,8beta,8abeta)-.
506–77–4	Auramine.
506–87–6	Benzenamine, 4,4'-carbonimidoylbis[N,N-dimethyl-.
509–14–8	Chlornaphazine.
510–15–6	Naphthalenamine, N,N'-bis(2-chloroethyl)-.
513–49–5	Benzenediamine, ar-methyl-.
528–29–0	Toluenediamine.
532–27–4	2,4-Toluene diamine.
534–52–1	4-Aminopyridine.
540–73–8	4-Pyridinamine.
540–84–1	1-Methylbutadiene.
540–88–5	1,3-Pentadiene.
541–09–3	Argentate(1-), bis(cyano-C)-, potassium.
541–53–7	Potassium silver cyanide.
541–73–1	Silver cyanide Ag(CN).
	Cyanogen bromide (CN)Br.
	Cyanogen chloride (CN)Cl.
	Ammonium carbonate.
	Acetyl bromide.
	Methane, tetranitro-.
	Tetranitromethane.
	Benzeneacetic acid, 4-chloro- α - (4-chlorophenyl)- α -hydroxy-, ethyl ester.
	Chlorobenzilate.
	sec-Butylamine.
	o-Dinitrobenzene.
	2-Chloroacetophenone.
	4,6-Dinitro-o-cresol.
	4,6-Dinitro-o-cresol, and salts.
	Phenol, 2-methyl-4,6-dinitro-.
	Phenol, 2-methyl-4,6-dinitro-, & salts.
	Hydrazine, 1,2-dimethyl-.
	1,2-Dimethylhydrazine.
	2,2,4-Trimethylpentane.
	tert-Butyl acetate.
	Uranyl acetate.
	Dithiobiuret.
	Thioimidodicarbonic diamide [(H ₂ N)C(S)] ₂ NH.
	Benzene, 1,3-dichloro-.
	m-Dichlorobenzene.

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CASRN	Hazardous substance
542-62-1	1,3-Dichlorobenzene.
542-75-6	Barium cyanide.
542-76-7	1-Propene, 1,3-dichloro-.
542-88-1	1,3-Dichloropropene.
543-90-8	Propanenitrile, 3-chloro-.
544-18-3	3-Chloropropionitrile.
544-92-3	Bis(chloromethyl)ether.
554-84-7	Dichloromethyl ether.
557-19-7	Methane, oxybis(chloro-.
557-21-1	Cadmium acetate.
557-34-6	Cobaltous formate.
557-41-5	Copper cyanide Cu(CN).
563-12-2	m-Nitrophenol.
563-68-8	Nickel cyanide Ni(CN) ₂ .
573-56-8	Zinc cyanide Zn(CN) ₂ .
584-84-9	Zinc acetate.
591-08-2	Zinc formate.
592-01-8	Ethion.
592-04-1	Acetic acid, thallium(1 +) salt.
592-85-8	Thallium(I) acetate.
592-87-0	2,6-Dinitrophenol.
593-60-2	Benzene, 1,3-diisocyanatomethyl-.
594-42-3	Toluene diisocyanate.
598-31-2	2,4-Toluene diisocyanate.
606-20-2	Acetamide, N-(aminothioxomethyl)-.
608-73-1	1-Acetyl-2-thiourea.
608-93-5	Calcium cyanide Ca(CN) ₂ .
609-19-8	Mercuric cyanide.
610-39-9	Mercuric thiocyanate.
615-53-2	Lead thiocyanate.
621-64-7	Vinyl bromide.
624-83-9	Methanesulphenyl chloride, trichloro-.
625-16-1	Trichloromethanesulphenyl chloride.
626-38-0	Bromoacetone.
628-63-7	2-Propanone, 1-bromo-.
628-86-4	Benzene, 2-methyl-1,3-dinitro-.
630-10-4	2,6-Dinitrotoluene.
630-20-6	HEXACHLOROCYCLOHEXANE (all isomers).
631-61-8	Benzene, pentachloro-.
636-21-5	Pentachlorobenzene.
640-19-7	3,4,5-Trichlorophenol.
644-64-4	3,4-Dinitrotoluene.
680-31-9	Carbamic acid, methylinitroso-, ethyl ester.
684-93-5	N-Nitroso-N-methylurethane.
	Di-n-propylnitrosamine.
	1-Propanamine, N-nitroso-N-propyl-.
	Methane, isocyanato-.
	Methyl isocyanate.
	tert-Amyl acetate.
	sec-Amyl acetate.
	Amyl acetate.
	Fulminic acid, mercury(2 +) salt.
	Mercury fulminate.
	Selenourea.
	Ethane, 1,1,1,2-tetrachloro-.
	1,1,1,2-Tetrachloroethane.
	Ammonium acetate.
	Benzenamine, 2-methyl-, hydrochloride.
	o-Toluidine hydrochloride.
	Acetamide, 2-fluoro-.
	Fluoroacetamide.
	Carbamic acid, dimethyl-, 1-[(dimethyl-amino)carbonyl]-5-methyl-1H-pyrazol-3-yl ester.
	Dimetilan.
	Hexamethylphosphoramide.
	N-Nitroso-N-methylurea.

CASRN	Hazardous substance
692–42–2	Urea, N-methyl-N-nitroso-.
696–28–6	Arsine, diethyl-.
757–58–4	Diethylarsine.
759–73–9	Arsonous dichloride, phenyl-.
764–41–0	Dichlorophenylarsine.
765–34–4	Hexaethyl tetraphosphate.
815–82–7	Tetraphosphoric acid, hexaethyl ester.
822–06–0	N-Nitroso-N-ethylurea.
823–40–5	Urea, N-ethyl-N-nitroso-.
823–40–5	1,4-Dichloro-2-butene.
823–40–5	2-Butene, 1,4-dichloro-.
823–40–5	Glycidylaldehyde.
823–40–5	Oxiranecarboxyaldehyde.
823–40–5	Cupric tartrate.
823–40–5	Hexamethylene-1,6-diisocyanate.
823–40–5	Benzenediamine, ar-methyl-.
823–40–5	Toluenediamine.
823–40–5	2,4-Toluene diamine.
924–16–3	N-Nitrosodi-n-butylamine.
930–55–2	1-Butanamine, N-butyl-N-nitroso-.
933–75–5	N-Nitrosopyrrolidine.
933–78–8	Pyrrolidine, 1-nitroso-.
959–98–8	2,3,6-Trichlorophenol.
1024–57–3	2,3,5-Trichlorophenol.
1031–07–8	alpha-Endosulfan.
1066–30–4	Heptachlor epoxide.
1066–33–7	Endosulfan sulfate.
1072–35–1	Chromic acetate.
1111–78–0	Ammonium bicarbonate.
1116–54–7	Lead stearate.
1120–71–4	Ammonium carbamate.
1129–41–5	Ethanol, 2,2'-(nitrosoimino)bis-.
1185–57–5	N-Nitrosodiethanolamine.
1194–65–6	1,2-Oxathiolane, 2,2-dioxide.
1300–71–6	1,3-Propane sultone.
1303–28–2	Carbamic acid, methyl-, 3-methylphenyl ester.
1303–33–9	Metolcarb.
1309–64–4	Ferric ammonium citrate.
1310–58–3	Dichlobenil.
1310–73–2	Xylenol.
1314–32–5	Arsenic oxide As ₂ O ₅ .
1314–62–1	Arsenic pentoxide.
1314–80–3	Arsenic trisulfide.
1314–84–7	Antimony trioxide.
1319–72–8	Potassium hydroxide.
1320–18–9	Sodium hydroxide.
1321–12–6	Thallic oxide.
1327–53–3	Thallium oxide Tl ₂ O ₃ .
1330–20–7	Vanadium oxide V ₂ O ₅ .
1330–20–7	Vanadium pentoxide.
1330–20–7	Phosphorus pentasulfide.
1330–20–7	Phosphorus sulfide.
1330–20–7	Sulfur phosphide.
1330–20–7	Zinc phosphide Zn ₃ P ₂ .
1330–20–7	Lead sulfide.
1330–20–7	2,4,5-T amines.
1330–20–7	Cresol (cresylic acid).
1330–20–7	Cresols (isomers and mixture).
1330–20–7	Cresylic acid (isomers and mixture).
1330–20–7	Phenol, methyl-.
1330–20–7	2,4-D Ester.
1330–20–7	Nitrotoluene.
1330–20–7	Arsenic oxide As ₂ O ₃ .
1330–20–7	Arsenic trioxide.
1330–20–7	Benzene, dimethyl-.

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CASRN	Hazardous substance
	Xylene.
	Xylene (mixed).
	Xylenes (isomers and mixture).
1331-47-1	Dichlorobenzidine.
1332-07-6	Zinc borate.
1332-21-4	Asbestos.
1333-83-1	Sodium bifluoride.
1335-32-6	Lead subacetate.
	Lead, bis(acetato-O)tetrahydroxytri.
1336-21-6	Ammonium hydroxide.
1336-36-3	Aroclors.
	PCBs.
	POLYCHLORINATED BIPHENYLS.
1338-23-4	Methyl ethyl ketone peroxide.
	2-Butanone peroxide.
1338-24-5	Naphthenic acid.
1341-49-7	Ammonium bifluoride.
1464-53-5	1,2:3,4-Diepoxbutane.
	2,2'-Bioxirane.
1563-38-8	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-.
	Carbofuran phenol.
1563-66-2	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate.
	Carbofuran.
1582-09-8	Trifluralin.
1615-80-1	Hydrazine, 1,2-diethyl-.
	N,N'-Diethylhydrazine.
1634-04-4	Methyl tert-butyl ether.
1646-88-4	Aldicarb sulfone.
	Propanal, 2-methyl-2-(methyl-sulfonyl)-, O-[(methylamino)carbonyl] oxime.
1746-01-6	TCDD.
	2,3,7,8-Tetrachlorodibenzo-p-dioxin.
1762-95-4	Ammonium thiocyanate.
1763-23-1	Perfluorooctanesulfonic acid
1863-63-4	Ammonium benzoate.
1888-71-7	Hexachloropropene.
	1-Propene, 1,1,2,3,3,3-hexachloro-.
1918-00-9	Dicamba.
1928-38-7	2,4-D Ester.
1928-47-8	2,4,5-T Esters.
1928-61-6	2,4-D Ester.
1929-73-3	2,4-D Ester.
2008-46-0	2,4,5-T amines.
2032-65-7	Mercaptodimethur.
	Methiocarb.
	Phenol, (3,5-dimethyl-4-(methylthio)-, methylcarbamate.
2303-16-4	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester.
	Diallate.
2303-17-5	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3,3-trichloro-2-propenyl) ester.
	Triallate.
2312-35-8	Propargite.
2545-59-7	2,4,5-T esters.
2631-37-0	Phenol, 3-methyl-5-(1-methylethyl)-, methyl carbamate.
	Promecarb.
2763-96-4	3(2H)-Isoxazolone, 5-(aminomethyl)-.
	5-(Aminomethyl)-3-isoxazolol.
2764-72-9	Diquat.
2921-88-2	Chlorpyrifos.
2944-67-4	Ferric ammonium oxalate.
2971-38-2	2,4-D Ester.
3012-65-5	Ammonium citrate, dibasic.
3164-29-2	Ammonium tartrate.
3165-93-3	Benzenamine, 4-chloro-2-methyl-, hydrochloride.
	4-Chloro-o-toluidine, hydrochloride.
3251-23-8	Cupric nitrate.
3288-58-2	O,O-Diethyl S-methyl diithiophosphate.

CASRN	Hazardous substance
	Phosphorodithioic acid, O,O-diethyl S-methyl ester.
3486–35–9	Zinc carbonate.
3547–04–4	DDE.
3689–24–5	Tetraethyldithiopyrophosphate.
	Thiodiphosphoric acid, tetraethyl ester.
3813–14–7	2,4,5–T amines.
4170–30–3	Crotonaldehyde.
	2-Butenal.
4549–40–0	N-Nitrosomethylvinylamine.
	Vinylamine, N-methyl-N-nitroso-.
5103–71–9	Chlordane, alpha isomer.
5103–74–2	Chlordane, gamma isomer.
5344–82–1	Thiourea, (2-chlorophenyl)-.
	1-(o-Chlorophenyl)thiourea.
5952–26–1	Ethanol, 2,2'-oxybis-, dicarbamate.
	Diethylene glycol, dicarbamate.
5972–73–6	Ammonium oxalate.
6009–70–7	Ammonium oxalate.
6369–96–6	2,4,5–T amines.
6369–97–7	2,4,5–T amines.
6533–73–9	Carbonic acid, dithallium(1 +) salt.
	Thallium(I) carbonate.
7005–72–3	4-Chlorophenyl phenyl ether.
7421–93–4	Endrin aldehyde.
7428–48–0	Lead stearate.
7439–92–1	Lead.
7439–97–6	Mercury.
7440–02–0	Nickel.
7440–22–4	Silver.
7440–23–5	Sodium.
7440–28–0	Thallium.
7440–36–0	Antimony.
7440–38–2	Arsenic.
7440–41–7	Beryllium.
	Beryllium powder.
7440–43–9	Cadmium.
7440–47–3	Chromium.
7440–50–8	Copper.
7440–66–6	Zinc.
7446–08–4	Selenium dioxide.
	Selenium oxide.
7446–14–2	Lead sulfate.
7446–18–6	Sulfuric acid, dithallium(1 +) salt.
	Thallium(I) sulfate.
7446–27–7	Lead phosphate.
	Phosphoric acid, lead(2 +) salt (2:3).
7447–39–4	Cupric chloride.
7488–56–4	Selenium sulfide SeS ₂ .
7550–45–0	Titanium tetrachloride.
7558–79–4	Sodium phosphate, dibasic.
7601–54–9	Sodium phosphate, tribasic.
7631–89–2	Sodium arsenate.
7631–90–5	Sodium bisulfite.
7632–00–0	Sodium nitrite.
7645–25–2	Lead arsenate.
7646–85–7	Zinc chloride.
7647–01–0	Hydrochloric acid.
	Hydrogen chloride.
7647–18–9	Antimony pentachloride.
7664–38–2	Phosphoric acid.
7664–39–3	Hydrofluoric acid.
	Hydrogen fluoride.
7664–41–7	Ammonia.
7664–93–9	Sulfuric acid.
7681–49–4	Sodium fluoride.

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CASRN	Hazardous substance
7681-52-9	Sodium hypochlorite.
7697-37-2	Nitric acid.
7699-45-8	Zinc bromide.
7705-08-0	Ferric chloride.
7718-54-9	Nickel chloride.
7719-12-2	Phosphorus trichloride.
7720-78-7	Ferrous sulfate.
7722-64-7	Potassium permanganate.
7723-14-0	Phosphorus.
7733-02-0	Zinc sulfate.
7738-94-5	Chromic acid.
7758-94-3	Ferrous chloride.
7758-95-4	Lead chloride.
7758-98-7	Cupric sulfate.
7761-88-8	Silver nitrate.
7773-06-0	Ammonium sulfamate.
7775-11-3	Sodium chromate.
7778-39-4	Arsenic acid H ₃ AsO ₄ .
7778-44-1	Calcium arsenate.
7778-50-9	Potassium bichromate.
7778-54-3	Calcium hypochlorite.
7779-86-4	Zinc hydrosulfite.
7779-88-6	Zinc nitrate.
7782-41-4	Fluorine.
7782-49-2	Selenium.
7782-50-5	Chlorine.
7782-63-0	Ferrous sulfate.
7782-82-3	Sodium selenite.
7782-86-7	Mercurous nitrate.
7783-00-8	Selenious acid.
7783-06-4	Hydrogen sulfide H ₂ S.
7783-35-9	Mercuric sulfate.
7783-46-2	Lead fluoride.
7783-49-5	Zinc fluoride.
7783-50-8	Ferric fluoride.
7783-56-4	Antimony trifluoride.
7784-34-1	Arsenic trichloride.
7784-40-9	Lead arsenate.
7784-41-0	Potassium arsenate.
7784-46-5	Sodium arsenite.
7786-34-7	Mevinphos.
7786-81-4	Nickel sulfate.
7787-47-5	Beryllium chloride.
7787-49-7	Beryllium fluoride.
7787-55-5	Beryllium nitrate.
7788-98-9	Ammonium chromate.
7789-00-6	Potassium chromate.
7789-06-2	Strontium chromate.
7789-09-5	Ammonium bichromate.
7789-42-6	Cadmium bromide.
7789-43-7	Cobaltous bromide.
7789-61-9	Antimony tribromide.
7790-94-5	Chlorosulfonic acid.
7791-12-0	Thallium chloride TlCl.
7803-51-2	Hydrogen phosphide.
	Phosphine.
7803-55-6	Ammonium vanadate.
	Vanadic acid, ammonium salt.
8001-35-2	Chlorinated camphene.
	Toxaphene.
8003-19-8	Dichloropropane—Dichloropropene (mixture).
8003-34-7	Pyrethrins.
8014-95-7	Sulfuric acid.
10022-70-5	Sodium hypochlorite.
10025-87-3	Phosphorus oxychloride.

CASRN	Hazardous substance
10025–91–9	Antimony trichloride.
10026–11–6	Zirconium tetrachloride.
10028–22–5	Ferric sulfate.
10031–59–1	Sulfuric acid, dithallium(1 +) salt. Thallium(I) sulfate.
10039–32–4	Sodium phosphate, dibasic.
10043–01–3	Aluminum sulfate.
10045–89–3	Ferrous ammonium sulfate.
10045–94–0	Mercuric nitrate.
10049–05–5	Chromous chloride.
10099–74–8	Lead nitrate.
10101–53–8	Chromic sulfate.
10101–63–0	Lead iodide.
10101–89–0	Sodium phosphate, tribasic.
10102–06–4	Uranyl nitrate.
10102–18–8	Sodium selenite.
10102–43–9	Nitric oxide. Nitrogen oxide NO.
10102–44–0	Nitrogen dioxide. Nitrogen oxide NO ₂ .
10102–45–1	Nitric acid, thallium(1 +) salt. Thallium(I) nitrate.
10102–48–4	Lead arsenate.
10108–64–2	Cadmium chloride.
10124–50–2	Potassium arsenite.
10140–65–5	Sodium phosphate, dibasic.
10192–30–0	Ammonium bisulfite.
10196–04–0	Ammonium sulfite.
10361–89–4	Sodium phosphate, tribasic.
10380–29–7	Cupric sulfate, ammoniated.
10415–75–5	Mercurous nitrate.
10421–48–4	Ferric nitrate.
10544–72–6	Nitrogen dioxide. Nitrogen oxide NO ₂ .
10588–01–9	Sodium bichromate.
10605–21–7	Carbamic acid, 1H-benzimidazol-2-yl, methyl ester. Carbendazim.
11096–82–5	Aroclor 1260.
11097–69–1	Aroclor 1254.
11104–28–2	Aroclor 1221.
11141–16–5	Aroclor 1232.
12002–03–8	Cupric acetoarsenite.
12039–52–0	Selenious acid, dithallium(1 +) salt. Thallium (I) selenite.
12044–79–0	Arsenic disulfide.
12054–48–7	Nickel hydroxide.
12125–01–8	Ammonium fluoride.
12125–02–9	Ammonium chloride.
12135–76–1	Ammonium sulfide.
12672–29–6	Aroclor 1248.
12674–11–2	Aroclor 1016.
12771–08–3	Sulfur monochloride.
13463–39–3	Nickel carbonyl Ni(CO) ₄ , (T-4)-.
13560–99–1	2,4,5–T salts.
13597–99–4	Beryllium nitrate.
13746–89–9	Zirconium nitrate.
13765–19–0	Calcium chromate. Chromic acid H ₂ CrO ₄ , calcium salt.
13814–96–5	Lead fluoborate.
13826–83–0	Ammonium fluoborate.
13952–84–6	sec-Butylamine.
14017–41–5	Cobaltous sulfamate.
14216–75–2	Nickel nitrate.
14258–49–2	Ammonium oxalate.
14307–35–8	Lithium chromate.

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CASRN	Hazardous substance
14307-43-8	Ammonium tartrate.
14639-97-5	Zinc ammonium chloride.
14639-98-6	Zinc ammonium chloride.
14644-61-2	Zirconium sulfate.
15339-36-3	Manganese, bis(dimethylcarbamodithioato-S,S')-.
	Manganese dimethyldithiocarbamate.
15699-18-0	Nickel ammonium sulfate.
15739-80-7	Lead sulfate.
15950-66-0	2,3,4-Trichlorophenol.
16721-80-5	Sodium hydrosulfide.
16752-77-5	Ethanimidothioic acid, N-[[[(methylamino)carbonyl] oxy]-, methyl ester.
	Methomyl.
16871-71-9	Zinc silicofluoride.
16919-19-0	Ammonium silicofluoride.
16923-95-8	Zirconium potassium fluoride.
17702-57-7	Formparanate.
	Methanimidamide, N,N-dimethyl-N'-[2-methyl-4-[[[(methylamino)carbonyl]oxy]phenyl]-.
17804-35-2	Benomyl.
	Carbamic acid, [1-[(butylamino)carbonyl]-1H-benzimidazol-2-yl]-, methyl ester.
18883-66-4	D-Glucose, 2-deoxy-2[[[(methylnitrosoamino)-carbonyl]amino]-.
	Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoareido)-, D-.
	Streptozotocin.
20816-12-0	Osmium oxide OsO ₄ , (T-4)-.
	Osmium tetroxide.
20830-81-3	Daunomycin.
	5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy-alpha-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-.
20859-73-8	Aluminum phosphide.
22781-23-3	Bendiocarb.
	1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate.
22961-82-6	Bendiocarb phenol.
	1,3-Benzodioxol-4-ol, 2,2-dimethyl-.
23135-22-0	Ethanimidothioic acid, 2-(dimethylamino)-N-[[[(methylamino)carbonyl]oxy]-2-oxo-, methyl ester.
	Oxamyl.
23422-53-9	Methanimidamide, N,N-dimethyl-N'-[3-[[[(methylamino)-carbonyl]oxy]phenyl]-, monohydrochloride.
	Formetanate hydrochloride.
23564-05-8	Carbamic acid, [1,2-phenylenebis(iminocarbonothioyl)]bis-, dimethyl ester.
	Thiophanate-methyl.
23950-58-5	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-.
	Pronamide.
25154-54-5	Dinitrobenzene (mixed).
25154-55-6	Nitrophenol (mixed).
	Nitrophenols.
25155-30-0	Sodium dodecylbenzenesulfonate.
25167-82-2	Trichlorophenol.
25168-15-4	2,4,5-T esters.
25168-26-7	2,4-D Ester.
25321-14-6	Dinitrotoluene.
25321-22-6	Dichlorobenzene.
25376-45-8	Benzenediamine, ar-methyl-.
	Toluenediamine.
	2,4-Toluene diamine.
25550-58-7	Dinitrophenol.
26264-06-2	Calcium dodecylbenzenesulfonate.
26419-73-8	1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O-[(methylamino)-carbonyl]oxime.
	Tirpate.
26471-62-5	Benzene, 1,3-diisocyanatomethyl-.
	Toluene diisocyanate.
	2,4-Toluene diisocyanate.
26628-22-8	Sodium azide.
26638-19-7	Dichloropropane.
26952-23-8	Dichloropropene.
27176-87-0	Dodecylbenzenesulfonic acid.

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CASRN	Hazardous substance
27323–41–7	Triethanolamine dodecylbenzene sulfonate.
27774–13–6	Vanadyl sulfate.
28300–74–5	Antimony potassium tartrate.
30525–89–4	Paraformaldehyde.
30558–43–1	Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo-, methyl ester. A2213.
32534–95–5	2,4,5-TP esters.
33213–65–9	beta—Endosulfan.
36478–76–9	Uranyl nitrate.
37211–05–5	Nickel chloride.
38622–18–3	Diphenylhydrazine.
39196–18–4	Thiofanox.
	2-Butanone, 3,3-dimethyl-1-(methylthio)-, O-[(methylamino)carbonyl] oxime.
42504–46–1	Isopropanolamine dodecylbenzenesulfonate.
52628–25–8	Zinc ammonium chloride.
52740–16–6	Calcium arsenite.
52888–80–9	Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester. Prosulfocarb.
53467–11–1	2,4-D Ester.
53469–21–9	Aroclor 1242.
55285–14–8	Carbamic acid, [(dibutylamino)-thio]methyl-, 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ester. Carbosulfan.
55488–87–4	Ferric ammonium oxalate.
55671–32–4	Cupric oxalate.
56189–09–4	Lead stearate.
59669–26–0	Ethanimidothioic acid, N,N'-[thiobis[(methylimino)carbonyloxy]]bis-, dimethyl ester. Thiodicarb.
61792–07–2	2,4,5-T esters.

APPENDIX B TO § 302.4—RADIONUCLIDES

Radionuclide	Atomic Number	Final RQ Ci (Bq)
Radionuclides@ .....	.....	1&(3.7E 10)
Actinium-224	89	100 (3.7E 12)
Actinium-225	89	1 (3.7E 10)
Actinium-226	89	10 (3.7E 11)
Actinium-227	89	0.001 (3.7E 7)
Actinium-228	89	10 (3.7E 11)
Aluminum-26	13	10 (3.7E 11)
Americium-237	95	1000 (3.7E 13)
Americium-238	95	100 (3.7E 12)
Americium-239	95	100 (3.7E 12)
Americium-240	95	10 (3.7E 11)
Americium-241	95	0.01 (3.7E 8)
Americium-242m	95	0.01 (3.7E 8)
Americium-242	95	100 (3.7E 12)
Americium-243	95	0.01 (3.7E 8)
Americium-244m	95	1000 (3.7E 13)
Americium-244	95	10 (3.7E 11)
Americium-245	95	1000 (3.7E 13)
Americium-246m	95	1000 (3.7E 13)
Americium-246	95	1000 (3.7E 13)
Antimony-115	51	1000 (3.7E 13)
Antimony-116m	51	100 (3.7E 12)
Antimony-116	51	1000 (3.7E 13)
Antimony-117	51	1000 (3.7E 13)
Antimony-118m	51	10 (3.7E 11)
Antimony-119	51	1000 (3.7E 13)
Antimony-120 (16 min)	51	1000 (3.7E 13)
Antimony-120 (5.76 day)	51	10 (3.7E 11)
Antimony-122	51	10 (3.7E 11)
Antimony-124m	51	1000 (3.7E 13)
Antimony-124	51	10 (3.7E 11)
Antimony-125	51	10 (3.7E 11)
Antimony-126m	51	1000 (3.7E 13)
Antimony-126	51	10 (3.7E 11)

APPENDIX B TO § 302.4—RADIONUCLIDES—
Continued

Radionuclide	Atomic Number	Final RQ Ci (Bq)
Antimony-127	51	10 (3.7E 11)
Antimony-128 (10.4 min)	51	1000 (3.7E 13)
Antimony-128 (9.01 hr)	51	10 (3.7E 11)
Antimony-129	51	100 (3.7E 12)
Antimony-130	51	100 (3.7E 12)
Antimony-131	51	1000 (3.7E 13)
Argon-39	18	1000 (3.7E 13)
Argon-41	18	10 (3.7E 11)
Arsenic-69	33	1000 (3.7E 13)
Arsenic-70	33	100 (3.7E 12)
Arsenic-71	33	100 (3.7E 12)
Arsenic-72	33	10 (3.7E 11)
Arsenic-73	33	100 (3.7E 12)
Arsenic-74	33	10 (3.7E 11)
Arsenic-76	33	100 (3.7E 12)
Arsenic-77	33	1000 (3.7E 13)
Arsenic-78	33	100 (3.7E 12)
Astatine-207	85	100 (3.7E 12)
Astatine-211	85	100 (3.7E 12)
Barium-126	56	1000 (3.7E 13)
Barium-128	56	10 (3.7E 11)
Barium-131m	56	1000 (3.7E 13)
Barium-131	56	10 (3.7E 11)
Barium-133m	56	100 (3.7E 12)
Barium-133	56	10 (3.7E 11)
Barium-135m	56	1000 (3.7E 13)
Barium-139	56	1000 (3.7E 13)
Barium-140	56	10 (3.7E 11)
Barium-141	56	1000 (3.7E 13)
Barium-142	56	1000 (3.7E 13)
Berkelium-245	97	100 (3.7E 12)
Berkelium-246	97	10 (3.7E 11)
Berkelium-247	97	0.01 (3.7E 8)

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APPENDIX B TO § 302.4—RADIONUCLIDES— Continued

Radionuclide	Atomic Number	Final RQ Ci (Bq)
Berkelium-249	97	1 (3.7E 10)
Berkelium-250	97	100 (3.7E 12)
Beryllium-7	4	100 (3.7E 12)
Beryllium-10	4	1 (3.7E 10)
Bismuth-200	83	100 (3.7E 12)
Bismuth-201	83	100 (3.7E 12)
Bismuth-202	83	1000 (3.7E 13)
Bismuth-203	83	10 (3.7E 11)
Bismuth-205	83	10 (3.7E 11)
Bismuth-206	83	10 (3.7E 11)
Bismuth-207	83	10 (3.7E 11)
Bismuth-210m	83	0.1 (3.7E 9)
Bismuth-210	83	10 (3.7E 11)
Bismuth-212	83	100 (3.7E 12)
Bismuth-213	83	100 (3.7E 12)
Bismuth-214	83	100 (3.7E 12)
Bromine-74m	35	100 (3.7E 12)
Bromine-74	35	100 (3.7E 12)
Bromine-75	35	100 (3.7E 12)
Bromine-76	35	10 (3.7E 11)
Bromine-77	35	100 (3.7E 12)
Bromine-80m	35	1000 (3.7E 13)
Bromine-80	35	1000 (3.7E 13)
Bromine-82	35	10 (3.7E 11)
Bromine-83	35	1000 (3.7E 13)
Bromine-84	35	100 (3.7E 12)
Cadmium-104	48	1000 (3.7E 13)
Cadmium-107	48	1000 (3.7E 13)
Cadmium-109	48	1 (3.7E 10)
Cadmium-113m	48	0.1 (3.7E 9)
Cadmium-113	48	0.1 (3.7E 9)
Cadmium-115m	48	10 (3.7E 11)
Cadmium-115	48	100 (3.7E 12)
Cadmium-117m	48	10 (3.7E 11)
Cadmium-117	48	100 (3.7E 12)
Calcium-41	20	10 (3.7E 11)
Calcium-45	20	10 (3.7E 11)
Calcium-47	20	10 (3.7E 11)
Californium-244	98	1000 (3.7E 13)
Californium-246	98	10 (3.7E 11)
Californium-248	98	0.1 (3.7E 9)
Californium-249	98	0.01 (3.7E 8)
Californium-250	98	0.01 (3.7E 8)
Californium-251	98	0.01 (3.7E 8)
Californium-252	98	0.1 (3.7E 9)
Californium-253	98	10 (3.7E 11)
Californium-254	98	0.1 (3.7E 9)
Carbon-11	6	1000 (3.7E 13)
Carbon-14	6	10 (3.7E 11)
Cerium-134	58	10 (3.7E 11)
Cerium-135	58	10 (3.7E 11)
Cerium-137m	58	100 (3.7E 12)
Cerium-137	58	1000 (3.7E 13)
Cerium-139	58	100 (3.7E 12)
Cerium-141	58	10 (3.7E 11)
Cerium-143	58	100 (3.7E 12)
Cerium-144	58	1 (3.7E 10)
Cesium-125	55	1000 (3.7E 13)
Cesium-127	55	100 (3.7E 12)
Cesium-129	55	100 (3.7E 12)
Cesium-130	55	1000 (3.7E 13)
Cesium-131	55	1000 (3.7E 13)
Cesium-132	55	10 (3.7E 11)
Cesium-134m	55	1000 (3.7E 13)
Cesium-134	55	1 (3.7E 10)
Cesium-135m	55	100 (3.7E 12)
Cesium-135	55	10 (3.7E 11)
Cesium-136	55	10 (3.7E 11)
Cesium-137	55	1 (3.7E 10)
Cesium-138	55	100 (3.7E 12)

APPENDIX B TO § 302.4—RADIONUCLIDES— Continued

Radionuclide	Atomic Number	Final RQ Ci (Bq)
Chlorine-36	17	10 (3.7E 11)
Chlorine-38	17	100 (3.7E 12)
Chlorine-39	17	100 (3.7E 12)
Chromium-48	24	100 (3.7E 12)
Chromium-49	24	1000 (3.7E 13)
Chromium-51	24	1000 (3.7E 13)
Cobalt-55	27	10 (3.7E 11)
Cobalt-56	27	10 (3.7E 11)
Cobalt-57	27	100 (3.7E 12)
Cobalt-58m	27	1000 (3.7E 13)
Cobalt-58	27	10 (3.7E 11)
Cobalt-60m	27	1000 (3.7E 13)
Cobalt-60	27	10 (3.7E 11)
Cobalt-61	27	1000 (3.7E 13)
Cobalt-62m	27	1000 (3.7E 13)
Copper-60	29	100 (3.7E 12)
Copper-61	29	100 (3.7E 12)
Copper-64	29	1000 (3.7E 13)
Copper-67	29	100 (3.7E 12)
Curium-238	96	1000 (3.7E 13)
Curium-240	96	1 (3.7E 10)
Curium-241	96	10 (3.7E 11)
Curium-242	96	1 (3.7E 10)
Curium-243	96	0.01 (3.7E 8)
Curium-244	96	0.01 (3.7E 8)
Curium-245	96	0.01 (3.7E 8)
Curium-246	96	0.01 (3.7E 8)
Curium-247	96	0.01 (3.7E 8)
Curium-248	96	0.001 (3.7E 7)
Curium-249	96	1000 (3.7E 13)
Dysprosium-155	66	100 (3.7E 12)
Dysprosium-157	66	100 (3.7E 12)
Dysprosium-159	66	100 (3.7E 12)
Dysprosium-165	66	1000 (3.7E 13)
Dysprosium-166	66	10 (3.7E 11)
Einsteinium-250	99	10 (3.7E 11)
Einsteinium-251	99	1000 (3.7E 13)
Einsteinium-253	99	10 (3.7E 11)
Einsteinium-254m	99	1 (3.7E 10)
Einsteinium-254	99	0.1 (3.7E 9)
Erbium-161	68	100 (3.7E 12)
Erbium-165	68	1000 (3.7E 13)
Erbium-169	68	100 (3.7E 12)
Erbium-171	68	100 (3.7E 12)
Erbium-172	68	10 (3.7E 11)
Europium-145	63	10 (3.7E 11)
Europium-146	63	10 (3.7E 11)
Europium-147	63	10 (3.7E 11)
Europium-148	63	10 (3.7E 11)
Europium-149	63	100 (3.7E 12)
Europium-150 (12.6 hr)	63	1000 (3.7E 13)
Europium-150 (34.2 yr)	63	10 (3.7E 11)
Europium-152m	63	100 (3.7E 12)
Europium-152	63	10 (3.7E 11)
Europium-154	63	10 (3.7E 11)
Europium-155	63	10 (3.7E 11)
Europium-156	63	10 (3.7E 11)
Europium-157	63	10 (3.7E 11)
Europium-158	63	1000 (3.7E 13)
Fermium-252	100	10 (3.7E 11)
Fermium-253	100	10 (3.7E 11)
Fermium-254	100	100 (3.7E 12)
Fermium-255	100	100 (3.7E 12)
Fermium-257	100	1 (3.7E 10)
Fluorine-18	9	1000 (3.7E 13)
Francium-222	87	100 (3.7E 12)
Francium-223	87	100 (3.7E 12)
Gadolinium-145	64	100 (3.7E 12)
Gadolinium-146	64	10 (3.7E 11)
Gadolinium-147	64	10 (3.7E 11)

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APPENDIX B TO § 302.4—RADIONUCLIDES—
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Radionuclide	Atomic Number	Final RQ Ci (Bq)
Gadolinium-148	64	0.001 (3.7E7)
Gadolinium-149	64	100 (3.7E 12)
Gadolinium-151	64	100 (3.7E 12)
Gadolinium-152	64	0.001 (3.7E 7)
Gadolinium-153	64	10 (3.7E 11)
Gadolinium-159	64	1000 (3.7E 13)
Gallium-65	31	1000 (3.7E 13)
Gallium-66	31	10 (3.7E 11)
Gallium-67	31	100 (3.7E 12)
Gallium-68	31	1000 (3.7E 13)
Gallium-70	31	1000 (3.7E 13)
Gallium-72	31	10 (3.7E 11)
Gallium-73	31	100 (3.7E 12)
Germanium-66	32	100 (3.7E 12)
Germanium-67	32	1000 (3.7E 13)
Germanium-68	32	10 (3.7E 11)
Germanium-69	32	10 (3.7E 11)
Germanium-71	32	1000 (3.7E 13)
Germanium-75	32	1000 (3.7E 13)
Germanium-77	32	10 (3.7E 11)
Germanium-78	32	1000 (3.7E 13)
Gold-193	79	100 (3.7E 12)
Gold-194	79	10 (3.7E 11)
Gold-195	79	100 (3.7E 12)
Gold-198m	79	10 (3.7E 11)
Gold-198	79	100 (3.7E 12)
Gold-199	79	100 (3.7E 12)
Gold-200m	79	10 (3.7E 11)
Gold-200	79	1000 (3.7E 13)
Gold-201	79	1000 (3.7E 13)
Hafnium-170	72	100 (3.7E 12)
Hafnium-172	72	1 (3.7E 10)
Hafnium-173	72	100 (3.7E 12)
Hafnium-175	72	100 (3.7E 12)
Hafnium-177m	72	1000 (3.7E 13)
Hafnium-178m	72	0.1 (3.7E 9)
Hafnium-179m	72	100 (3.7E 12)
Hafnium-180m	72	100 (3.7E 12)
Hafnium-181	72	10 (3.7E 11)
Hafnium-182m	72	100 (3.7E 12)
Hafnium-182	72	0.1 (3.7E 9)
Hafnium-183	72	100 (3.7E 12)
Hafnium-184	72	100 (3.7E 12)
Holmium-155	67	1000 (3.7E 13)
Holmium-157	67	1000 (3.7E 13)
Holmium-159	67	1000 (3.7E 13)
Holmium-161	67	1000 (3.7E 13)
Holmium-162m	67	1000 (3.7E 13)
Holmium-162	67	1000 (3.7E 13)
Holmium-164m	67	1000 (3.7E 13)
Holmium-164	67	1000 (3.7E 13)
Holmium-166m	67	1 (3.7E 10)
Holmium-166	67	100 (3.7E 12)
Holmium-167	67	100 (3.7E 12)
Hydrogen-3	1	100 (3.7E 12)
Indium-109	49	100 (3.7E 12)
Indium-110 (69.1 min)	49	100 (3.7E 12)
Indium-110 (4.9 hr)	49	10 (3.7E 11)
Indium-111	49	100 (3.7E 12)
Indium-112	49	1000 (3.7E 13)
Indium-113m	49	1000 (3.7E 13)
Indium-114m	49	10 (3.7E 11)
Indium-115m	49	100 (3.7E 12)
Indium-115	49	0.1 (3.7E 9)
Indium-116m	49	100 (3.7E 12)
Indium-117m	49	100 (3.7E 12)
Indium-117	49	1000 (3.7E 13)
Indium-119m	49	1000 (3.7E 13)
Iodine-120m	53	100 (3.7E 12)
Iodine-120	53	10 (3.7E 11)

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APPENDIX B TO § 302.4—RADIONUCLIDES—
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Radionuclide	Atomic Number	Final RQ Ci (Bq)
Iodine-121	53	100 (3.7E 12)
Iodine-123	53	10 (3.7E 11)
Iodine-124	53	0.1 (3.7E 9)
Iodine-125	53	0.01 (3.7E 8)
Iodine-126	53	0.01 (3.7E 8)
Iodine-128	53	1000 (3.7E 13)
Iodine-129	53	0.001 (3.7E 7)
Iodine-130	53	1 (3.7E 10)
Iodine-131	53	0.01 (3.7E 8)
Iodine-132m	53	10 (3.7E 11)
Iodine-132	53	10 (3.7E 11)
Iodine-133	53	0.1 (3.7E 9)
Iodine-134	53	100 (3.7E 12)
Iodine-135	53	10 (3.7E 11)
Iridium-182	77	1000 (3.7E 13)
Iridium-184	77	100 (3.7E 12)
Iridium-185	77	100 (3.7E 12)
Iridium-186	77	10 (3.7E 11)
Iridium-187	77	100 (3.7E 12)
Iridium-188	77	10 (3.7E 11)
Iridium-189	77	100 (3.7E 12)
Iridium-190m	77	1000 (3.7E 13)
Iridium-190	77	10 (3.7E 11)
Iridium-192m	77	100 (3.7E 12)
Iridium-192	77	10 (3.7E 11)
Iridium-194m	77	10 (3.7E 11)
Iridium-194	77	100 (3.7E 12)
Iridium-195m	77	100 (3.7E 12)
Iridium-195	77	1000 (3.7E 13)
Iron-52	26	100 (3.7E 12)
Iron-55	26	100 (3.7E 12)
Iron-59	26	10 (3.7E 11)
Iron-60	26	0.1 (3.7E 9)
Krypton-74	36	10 (3.7E 11)
Krypton-76	36	10 (3.7E 11)
Krypton-77	36	10 (3.7E 11)
Krypton-79	36	100 (3.7E 12)
Krypton-81	36	1000 (3.7E 13)
Krypton-83m	36	1000 (3.7E 13)
Krypton-85m	36	100 (3.7E 12)
Krypton-85	36	1000 (3.7E 13)
Krypton-87	36	10 (3.7E 11)
Krypton-88	36	10 (3.7E 11)
Lanthanum-131	57	1000 (3.7E 13)
Lanthanum-132	57	100 (3.7E 12)
Lanthanum-135	57	1000 (3.7E 13)
Lanthanum-137	57	10 (3.7E 11)
Lanthanum-138	57	1 (3.7E 10)
Lanthanum-140	57	10 (3.7E 11)
Lanthanum-141	57	1000 (3.7E 13)
Lanthanum-142	57	100 (3.7E 12)
Lanthanum-143	57	1000 (3.7E 13)
Lead-195m	82	1000 (3.7E 13)
Lead-198	82	100 (3.7E 12)
Lead-199	82	100 (3.7E 12)
Lead-200	82	100 (3.7E 12)
Lead-201	82	100 (3.7E 12)
Lead-202m	82	10 (3.7E 11)
Lead-202	82	1 (3.7E 10)
Lead-203	82	100 (3.7E 12)
Lead-205	82	100 (3.7E 12)
Lead-209	82	1000 (3.7E 13)
Lead-210	82	0.01 (3.7E 8)
Lead-211	82	100 (3.7E 12)
Lead-212	82	10 (3.7E 11)
Lead-214	82	100 (3.7E 12)
Lutetium-169	71	10 (3.7E 11)
Lutetium-170	71	10 (3.7E 11)
Lutetium-171	71	10 (3.7E 11)
Lutetium-172	71	10 (3.7E 11)

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APPENDIX B TO § 302.4—RADIONUCLIDES— Continued

Radionuclide	Atomic Number	Final RQ Ci (Bq)
Lutetium-173	71	100 (3.7E 12)
Lutetium-174m	71	10 (3.7E 11)
Lutetium-174	71	10 (3.7E 11)
Lutetium-176m	71	1000 (3.7E 13)
Lutetium-176	71	1 (3.7E 10)
Lutetium-177m	71	10 (3.7E 11)
Lutetium-177	71	100 (3.7E 12)
Lutetium-178m	71	1000 (3.7E 13)
Lutetium-178	71	1000 (3.7E 13)
Lutetium-179	71	1000 (3.7E 13)
Magnesium-28	12	10 (3.7E 11)
Manganese-51	25	1000 (3.7E 13)
Manganese-52m	25	1000 (3.7E 13)
Manganese-52	25	10 (3.7E 11)
Manganese-53	25	1000 (3.7E 13)
Manganese-54	25	10 (3.7E 11)
Manganese-56	25	100 (3.7E 12)
Mendelevium-257	101	100 (3.7E 12)
Mendelevium-258	101	1 (3.7E 10)
Mercury-193m	80	10 (3.7E 11)
Mercury-193	80	100 (3.7E 12)
Mercury-194	80	0.1 (3.7E 9)
Mercury-195m	80	100 (3.7E 12)
Mercury-195	80	100 (3.7E 12)
Mercury-197m	80	1000 (3.7E 13)
Mercury-197	80	1000 (3.7E 13)
Mercury-199m	80	1000 (3.7E 13)
Mercury-203	80	10 (3.7E 11)
Molybdenum-90	42	100 (3.7E 12)
Molybdenum-93m	42	10 (3.7E 11)
Molybdenum-93	42	100 (3.7E 12)
Molybdenum-99	42	100 (3.7E 12)
Molybdenum-101	42	1000 (3.7E 13)
Neodymium-136	60	1000 (3.7E 13)
Neodymium-138	60	1000 (3.7E 13)
Neodymium-139m	60	100 (3.7E 12)
Neodymium-139	60	1000 (3.7E 13)
Neodymium-141	60	1000 (3.7E 13)
Neodymium-147	60	10 (3.7E 11)
Neodymium-149	60	100 (3.7E 12)
Neodymium-151	60	1000 (3.7E 13)
Neptunium-232	93	1000 (3.7E 13)
Neptunium-233	93	1000 (3.7E 13)
Neptunium-234	93	10 (3.7E 11)
Neptunium-235	93	1000 (3.7E 13)
Neptunium-236 (1.2 E 5 yr)	93	0.1 (3.7E 9)
Neptunium-236 (22.5 hr)	93	100 (3.7E 12)
Neptunium-237	93	0.01 (3.7E 8)
Neptunium-238	93	10 (3.7E 11)
Neptunium-239	93	100 (3.7E 12)
Neptunium-240	93	100 (3.7E 12)
Nickel-56	28	10 (3.7E 11)
Nickel-57	28	10 (3.7E 11)
Nickel-59	28	100 (3.7E 12)
Nickel-63	28	100 (3.7E 12)
Nickel-65	28	100 (3.7E 12)
Nickel-66	28	10 (3.7E 11)
Niobium-88	41	100 (3.7E 12)
Niobium-89 (66 min)	41	100 (3.7E 12)
Niobium-89 (122 min)	41	100 (3.7E 12)
Niobium-90	41	10 (3.7E 11)
Niobium-93m	41	100 (3.7E 12)
Niobium-94	41	10 (3.7E 11)
Niobium-95m	41	100 (3.7E 12)
Niobium-95	41	10 (3.7E 11)
Niobium-96	41	10 (3.7E 11)
Niobium-97	41	100 (3.7E 12)
Niobium-98	41	1000 (3.7E 13)
Osmium-180	76	1000 (3.7E 13)
Osmium-181	76	100 (3.7E 12)

APPENDIX B TO § 302.4—RADIONUCLIDES— Continued

Radionuclide	Atomic Number	Final RQ Ci (Bq)
Osmium-182	76	100 (3.7E 12)
Osmium-185	76	10 (3.7E 11)
Osmium-189m	76	1000 (3.7E 13)
Osmium-191m	76	1000 (3.7E 13)
Osmium-191	76	100 (3.7E 12)
Osmium-193	76	100 (3.7E 12)
Osmium-194	76	1 (3.7E 10)
Palladium-100	46	100 (3.7E 12)
Palladium-101	46	100 (3.7E 12)
Palladium-103	46	100 (3.7E 12)
Palladium-107	46	100 (3.7E 12)
Palladium-109	46	1000 (3.7E 13)
Phosphorus-32	15	0.1 (3.7E 9)
Phosphorus-33	15	1 (3.7E 10)
Platinum-186	78	100 (3.7E 12)
Platinum-188	78	100 (3.7E 12)
Platinum-189	78	100 (3.7E 12)
Platinum-191	78	100 (3.7E 12)
Platinum-193m	78	100 (3.7E 12)
Platinum-193	78	1000 (3.7E 13)
Platinum-195m	78	100 (3.7E 12)
Platinum-197m	78	1000 (3.7E 13)
Platinum-197	78	1000 (3.7E 13)
Platinum-199	78	1000 (3.7E 13)
Platinum-200	78	100 (3.7E 12)
Plutonium-234	94	1000 (3.7E 13)
Plutonium-235	94	1000 (3.7E 13)
Plutonium-236	94	0.1 (3.7E 9)
Plutonium-237	94	1000 (3.7E 13)
Plutonium-238	94	0.01 (3.7E 8)
Plutonium-239	94	0.01 (3.7E 8)
Plutonium-240	94	0.01 (3.7E 8)
Plutonium-241	94	1 (3.7E 10)
Plutonium-242	94	0.01 (3.7E 8)
Plutonium-243	94	1000 (3.7E 13)
Plutonium-244	94	0.01 (3.7E 8)
Plutonium-245	94	100 (3.7E 12)
Polonium-203	84	100 (3.7E 12)
Polonium-205	84	100 (3.7E 12)
Polonium-207	84	10 (3.7E 11)
Polonium-210	84	0.01 (3.7E 8)
Potassium-40	19	1 (3.7E 10)
Potassium-42	19	100 (3.7E 12)
Potassium-43	19	10 (3.7E 11)
Potassium-44	19	100 (3.7E 12)
Potassium-45	19	1000 (3.7E 13)
Praseodymium-136	59	1000 (3.7E 13)
Praseodymium-137	59	1000 (3.7E 13)
Praseodymium-138m	59	100 (3.7E 12)
Praseodymium-139	59	1000 (3.7E 13)
Praseodymium-142m	59	1000 (3.7E 13)
Praseodymium-142	59	100 (3.7E 12)
Praseodymium-143	59	10 (3.7E 11)
Praseodymium-144	59	1000 (3.7E 13)
Praseodymium-145	59	1000 (3.7E 13)
Praseodymium-147	59	1000 (3.7E 13)
Promethium-141	61	1000 (3.7E 13)
Promethium-143	61	100 (3.7E 12)
Promethium-144	61	10 (3.7E 11)
Promethium-145	61	100 (3.7E 12)
Promethium-146	61	10 (3.7E 11)
Promethium-147	61	10 (3.7E 11)
Promethium-148m	61	10 (3.7E 11)
Promethium-148	61	10 (3.7E 11)
Promethium-149	61	100 (3.7E 12)
Promethium-150	61	100 (3.7E 12)
Promethium-151	61	100 (3.7E 12)
Protactinium-227	91	100 (3.7E 12)
Protactinium-228	91	10 (3.7E 11)
Protactinium-230	91	10 (3.7E 11)

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Radionuclide	Atomic Number	Final RQ Ci (Bq)
Protactinium-231	91	0.01 (3.7E 8)
Protactinium-232	91	10 (3.7E 11)
Protactinium-233	91	100 (3.7E 12)
Protactinium-234	91	10 (3.7E 11)
Radium-223	88	1 (3.7E 10)
Radium-224	88	10 (3.7E 11)
Radium-225	88	1 (3.7E 10)
Radium-226 ϕ	88	0.1 (3.7E 9)
Radium-227	88	1000 (3.7E 13)
Radium-228	88	0.1 (3.7E 9)
Radon-220	86	0.1 (3.7E 9)
Radon-222	86	0.1 (3.7E 9)
Rhenium-177	75	1000 (3.7E 13)
Rhenium-178	75	1000 (3.7E 13)
Rhenium-181	75	100 (3.7E 12)
Rhenium-182 (12.7 hr)	75	10 (3.7E 11)
Rhenium-182 (64.0 hr)	75	10 (3.7E 11)
Rhenium-184m	75	10 (3.7E 11)
Rhenium-184	75	10 (3.7E 11)
Rhenium-186m	75	10 (3.7E 11)
Rhenium-186	75	100 (3.7E 12)
Rhenium-187	75	1000 (3.7E 13)
Rhenium-188m	75	1000 (3.7E 13)
Rhenium-188	75	1000 (3.7E 13)
Rhenium-189	75	1000 (3.7E 13)
Rhodium-99m	45	100 (3.7E 12)
Rhodium-99	45	10 (3.7E 11)
Rhodium-100	45	10 (3.7E 11)
Rhodium-101m	45	100 (3.7E 12)
Rhodium-101	45	10 (3.7E 11)
Rhodium-102m	45	10 (3.7E 11)
Rhodium-102	45	10 (3.7E 11)
Rhodium-103m	45	1000 (3.7E 13)
Rhodium-105	45	100 (3.7E 12)
Rhodium-106m	45	10 (3.7E 11)
Rhodium-107	45	1000 (3.7E 13)
Rubidium-79	37	1000 (3.7E 13)
Rubidium-81m	37	1000 (3.7E 13)
Rubidium-81	37	100 (3.7E 12)
Rubidium-82m	37	10 (3.7E 11)
Rubidium-83	37	10 (3.7E 11)
Rubidium-84	37	10 (3.7E 11)
Rubidium-86	37	10 (3.7E 11)
Rubidium-88	37	1000 (3.7E 13)
Rubidium-89	37	1000 (3.7E 13)
Rubidium-87	37	10 (3.7E 11)
Ruthenium-94	44	1000 (3.7E 13)
Ruthenium-97	44	100 (3.7E 12)
Ruthenium-103	44	10 (3.7E 11)
Ruthenium-105	44	100 (3.7E 12)
Ruthenium-106	44	1 (3.7E 10)
Samarium-141m	62	1000 (3.7E 13)
Samarium-141	62	1000 (3.7E 13)
Samarium-142	62	1000 (3.7E 13)
Samarium-145	62	100 (3.7E 12)
Samarium-146	62	0.01 (3.7E 8)
Samarium-147	62	0.01 (3.7E 8)
Samarium-151	62	10 (3.7E 11)
Samarium-153	62	100 (3.7E 12)
Samarium-155	62	1000 (3.7E 13)
Samarium-156	62	100 (3.7E 12)
Scandium-43	21	1000 (3.7E 13)
Scandium-44m	21	10 (3.7E 11)
Scandium-44	21	100 (3.7E 12)
Scandium-46	21	10 (3.7E 11)
Scandium-47	21	100 (3.7E 12)
Scandium-48	21	10 (3.7E 11)
Scandium-49	21	1000 (3.7E 13)
Selenium-70	34	1000 (3.7E 13)
Selenium-73m	34	100 (3.7E 12)

APPENDIX B TO § 302.4—RADIONUCLIDES—
Continued

Radionuclide	Atomic Number	Final RQ Ci (Bq)
Selenium-73	34	10 (3.7E 11)
Selenium-75	34	10 (3.7E 11)
Selenium-79	34	10 (3.7E 11)
Selenium-81m	34	1000 (3.7E 13)
Selenium-81	34	1000 (3.7E 13)
Selenium-83	34	1000 (3.7E 13)
Silicon-31	14	1000 (3.7E 13)
Silicon-32	14	1 (3.7E 10)
Silver-102	47	100 (3.7E 12)
Silver-103	47	1000 (3.7E 13)
Silver-104m	47	1000 (3.7E 13)
Silver-104	47	1000 (3.7E 13)
Silver-105	47	10 (3.7E 11)
Silver-106m	47	10 (3.7E 11)
Silver-106	47	1000 (3.7E 13)
Silver-108m	47	10 (3.7E 11)
Silver-110m	47	10 (3.7E 11)
Silver-111	47	10 (3.7E 11)
Silver-112	47	100 (3.7E 12)
Silver-115	47	1000 (3.7E 13)
Sodium-22	11	10 (3.7E 11)
Sodium-24	11	10 (3.7E 11)
Strontium-80	38	100 (3.7E 12)
Strontium-81	38	1000 (3.7E 13)
Strontium-83	38	100 (3.7E 12)
Strontium-85m	38	1000 (3.7E 13)
Strontium-85	38	10 (3.7E 11)
Strontium-87m	38	100 (3.7E 12)
Strontium-89	38	10 (3.7E 11)
Strontium-90	38	0.1 (3.7E 9)
Strontium-91	38	10 (3.7E 11)
Strontium-92	38	100 (3.7E 12)
Sulfur-35	16	1 (3.7E 10)
Tantalum-172	73	100 (3.7E 12)
Tantalum-173	73	100 (3.7E 12)
Tantalum-174	73	100 (3.7E 12)
Tantalum-175	73	100 (3.7E 12)
Tantalum-176	73	10 (3.7E 11)
Tantalum-177	73	1000 (3.7E 13)
Tantalum-178	73	1000 (3.7E 13)
Tantalum-179	73	1000 (3.7E 13)
Tantalum-180m	73	1000 (3.7E 13)
Tantalum-180	73	100 (3.7E 12)
Tantalum-182m	73	1000 (3.7E 13)
Tantalum-182	73	10 (3.7E 11)
Tantalum-183	73	100 (3.7E 12)
Tantalum-184	73	10 (3.7E 11)
Tantalum-185	73	1000 (3.7E 13)
Tantalum-186	73	1000 (3.7E 13)
Technetium-93m	43	1000 (3.7E 13)
Technetium-93	43	100 (3.7E 12)
Technetium-94m	43	100 (3.7E 12)
Technetium-94	43	10 (3.7E 11)
Technetium-96m	43	1000 (3.7E 13)
Technetium-96	43	10 (3.7E 11)
Technetium-97m	43	100 (3.7E 12)
Technetium-97	43	100 (3.7E 12)
Technetium-98	43	10 (3.7E 11)
Technetium-99m	43	100 (3.7E 12)
Technetium-99	43	10 (3.7E 11)
Technetium-101	43	1000 (3.7E 13)
Technetium-104	43	1000 (3.7E 13)
Tellurium-116	52	1000 (3.7E 13)
Tellurium-121m	52	10 (3.7E 11)
Tellurium-121	52	10 (3.7E 11)
Tellurium-123m	52	10 (3.7E 11)
Tellurium-123	52	10 (3.7E 11)
Tellurium-125m	52	10 (3.7E 11)
Tellurium-127m	52	10 (3.7E 11)
Tellurium-127	52	1000 (3.7E 13)

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APPENDIX B TO § 302.4—RADIONUCLIDES— Continued

Radionuclide	Atomic Number	Final RQ Ci (Bq)
Tellurium-129m	52	10 (3.7E 11)
Tellurium-129	52	1000 (3.7E 13)
Tellurium-131m	52	10 (3.7E 11)
Tellurium-131	52	1000 (3.7E 13)
Tellurium-132	52	10 (3.7E 11)
Tellurium-133m	52	1000 (3.7E 13)
Tellurium-133	52	1000 (3.7E 13)
Tellurium-134	52	1000 (3.7E 13)
Terbium-147	65	100 (3.7E 12)
Terbium-149	65	100 (3.7E 12)
Terbium-150	65	100 (3.7E 12)
Terbium-151	65	10 (3.7E 11)
Terbium-153	65	100 (3.7E 12)
Terbium-154	65	10 (3.7E 11)
Terbium-155	65	100 (3.7E 12)
Terbium-156m (5.0 hr)	65	1000 (3.7E 13)
Terbium-156m (24.4 hr)	65	1000 (3.7E 13)
Terbium-156	65	10 (3.7E 11)
Terbium-157	65	100 (3.7E 12)
Terbium-158	65	10 (3.7E 11)
Terbium-160	65	10 (3.7E 11)
Terbium-161	65	100 (3.7E 12)
Thallium-194m	81	100 (3.7E 12)
Thallium-194	81	1000 (3.7E 13)
Thallium-195	81	100 (3.7E 12)
Thallium-197	81	100 (3.7E 12)
Thallium-198m	81	100 (3.7E 12)
Thallium-198	81	10 (3.7E 11)
Thallium-199	81	100 (3.7E 12)
Thallium-200	81	10 (3.7E 11)
Thallium-201	81	1000 (3.7E 13)
Thallium-202	81	10 (3.7E 11)
Thallium-204	81	10 (3.7E 11)
Thorium-226	90	100 (3.7E 12)
Thorium-227	90	1 (3.7E 10)
Thorium-228	90	0.01 (3.7E 8)
Thorium-229	90	0.001 (3.7E 7)
Thorium-230	90	0.01 (3.7E 8)
Thorium-231	90	100 (3.7E 12)
Thorium-232Φ	90	0.001 (3.7E 7)
Thorium-234	90	100 (3.7E 12)
Thulium-162	69	1000 (3.7E 13)
Thulium-166	69	10 (3.7E 11)
Thulium-167	69	100 (3.7E 12)
Thulium-170	69	10 (3.7E 11)
Thulium-171	69	100 (3.7E 12)
Thulium-172	69	100 (3.7E 12)
Thulium-173	69	100 (3.7E 12)
Thulium-175	69	1000 (3.7E 13)
Tin-110	50	100 (3.7E 12)
Tin-111	50	1000 (3.7E 13)
Tin-113	50	10 (3.7E 11)
Tin-117m	50	100 (3.7E 12)
Tin-119m	50	10 (3.7E 11)
Tin-121m	50	10 (3.7E 11)
Tin-121	50	1000 (3.7E 13)
Tin-123m	50	1000 (3.7E 13)
Tin-123	50	10 (3.7E 11)
Tin-125	50	10 (3.7E 11)
Tin-126	50	1 (3.7E 10)
Tin-127	50	100 (3.7E 12)
Tin-128	50	1000 (3.7E 13)
Titanium-44	22	1 (3.7E 10)
Titanium-45	22	1000 (3.7E 13)
Tungsten-176	74	1000 (3.7E 13)
Tungsten-177	74	100 (3.7E 12)
Tungsten-178	74	100 (3.7E 12)
Tungsten-179	74	1000 (3.7E 13)
Tungsten-181	74	100 (3.7E 12)
Tungsten-185	74	10 (3.7E 11)

APPENDIX B TO § 302.4—RADIONUCLIDES— Continued

Radionuclide	Atomic Number	Final RQ Ci (Bq)
Tungsten-187	74	100 (3.7E 12)
Tungsten-188	74	10 (3.7E 11)
Uranium-230	92	1 (3.7E 10)
Uranium-231	92	1000 (3.7E 13)
Uranium-232	92	0.01 (3.7E 8)
Uranium-233	92	0.1 (3.7E 9)
Uranium-234Φ	92	0.1 (3.7E 9)
Uranium-235Φ	92	0.1 (3.7E 9)
Uranium-236	92	0.1 (3.7E 9)
Uranium-237	92	100 (3.7E 12)
Uranium-238Φ	92	0.18 (3.7E 9)
Uranium-239	92	1000 (3.7E 13)
Uranium-240	92	1000 (3.7E 13)
Vanadium-47	23	1000 (3.7E 13)
Vanadium-48	23	10 (3.7E 11)
Vanadium-49	23	1000 (3.7E 13)
Xenon-120	54	100 (3.7E 12)
Xenon-121	54	10 (3.7E 11)
Xenon-122	54	100 (3.7E 12)
Xenon-123	54	10 (3.7E 11)
Xenon-125	54	100 (3.7E 12)
Xenon-127	54	100 (3.7E 12)
Xenon-129m	54	1000 (3.7E 13)
Xenon-131m	54	1000 (3.7E 13)
Xenon-133m	54	1000 (3.7E 13)
Xenon-133	54	1000 (3.7E 13)
Xenon-135m	54	10 (3.7E 11)
Xenon-135	54	100 (3.7E 12)
Xenon-138	54	10 (3.7E 11)
Ytterbium-162	70	1000 (3.7E 13)
Ytterbium-166	70	10 (3.7E 11)
Ytterbium-167	70	1000 (3.7E 13)
Ytterbium-169	70	10 (3.7E 11)
Ytterbium-175	70	100 (3.7E 12)
Ytterbium-177	70	1000 (3.7E 13)
Ytterbium-178	70	1000 (3.7E 13)
Yttrium-86m	39	1000 (3.7E 13)
Yttrium-86	39	10 (3.7E 11)
Yttrium-87	39	10 (3.7E 11)
Yttrium-88	39	10 (3.7E 11)
Yttrium-90m	39	100 (3.7E 12)
Yttrium-90	39	10 (3.7E 11)
Yttrium-91m	39	1000 (3.7E 13)
Yttrium-91	39	10 (3.7E 11)
Yttrium-92	39	100 (3.7E 12)
Yttrium-93	39	100 (3.7E 12)
Yttrium-94	39	1000 (3.7E 13)
Yttrium-95	39	1000 (3.7E 13)
Zinc-62	30	100 (3.7E 12)
Zinc-63	30	1000 (3.7E 13)
Zinc-65	30	10 (3.7E 11)
Zinc-69m	30	100 (3.7E 12)
Zinc-69	30	1000 (3.7E 13)
Zinc-71m	30	100 (3.7E 12)
Zinc-72	30	100 (3.7E 12)
Zirconium-86	40	100 (3.7E 12)
Zirconium-88	40	10 (3.7E 11)
Zirconium-89	40	100 (3.7E 12)
Zirconium-93	40	1 (3.7E 10)
Zirconium-95	40	10 (3.7E 11)
Zirconium-97	40	10 (3.7E 11)

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

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

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

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

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

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

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

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

§ 302.5 Determination of reportable quantities.

(a) *Listed hazardous substances.* The quantity listed in the column “Final RQ” for each substance in table 302.4, or in appendix B to table 302.4, is the reportable quantity (RQ) for that substance. The RQs in table 302.4 are in units of pounds based on chemical toxicity, while the RQs in appendix B to table 302.4 are in units of curies based on radiation hazard. Whenever the RQs in table 302.4 and appendix B to the table are in conflict, the lowest RQ shall apply.

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

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shall be the lowest of the applicable reportable quantities.

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

§ 302.6 Notification requirements.

(a) Any person in charge of a vessel or an offshore or an onshore facility shall, as soon as he or she has knowledge of any release (other than a federally permitted release or application of a pesticide) of a hazardous substance from such vessel or facility in a quantity equal to or exceeding the reportable quantity determined by this part in any 24-hour period, immediately notify the National Response Center (1–800–424–8802; in Washington, DC 202–267–2675; the facsimile number is 202–267–1322).

(b) Releases of mixtures or solutions (including hazardous waste streams) of

(1) Hazardous substances, except for radionuclides, are subject to the following notification requirements:

(i) If the quantity of all of the hazardous constituent(s) of the mixture or solution is known, notification is required where an RQ or more of any hazardous constituent is released;

(ii) If the quantity of one or more of the hazardous constituent(s) of the mixture or solution is unknown, notification is required where the total amount of the mixture or solution released equals or exceeds the RQ for the hazardous constituent with the lowest RQ; or

(iii) For waste streams K169, K170, K171, K172, K174, and K175, knowledge of the quantity of all of the hazardous constituent(s) may be assumed, based on the following maximum observed constituent concentrations identified by EPA:

Waste	Constituent	max ppm
K169	Benzene	220.0
K170	Benzene	1.2
	Benzo (a) pyrene	230.0
	Dibenz (a,h) anthracene	49.0
	Benzo (a) anthracene	390.0
	Benzo (b) fluoranthene	110.0
	Benzo (k) fluoranthene	110.0
	3-Methylcholanthrene	27.0
	7, 12-Dimethylbenz (a) anthracene	1,200.0
K171	Benzene	500.0
	Arsenic	1,600.0
K172	Benzene	100.0
	Arsenic	730.0

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Waste	Constituent	max ppm
K174	2,3,7,8-TCDD	0.000039
	1,2,3,7,8-PeCDD	0.0000108
	1,2,3,4,7,8-HxCDD	0.0000241
	1,2,3,6,7,8-HxCDD	0.000083
	1,2,3,7,8,9-HxCDD	0.000062
	1,2,3,4,6,7,8-HpCDD	0.00123
	OCDD	0.0129
	2,3,7,8-TCDF	0.000145
	1,2,3,7,8-PeCDF	0.0000777
	2,3,4,7,8-PeCDF	0.000127
	1,2,3,4,7,8-HxCDF	0.001425
	1,2,3,6,7,8-HxCDF	0.000281
	1,2,3,7,8,9-HxCDF	0.00014
	2,3,4,6,7,8-HxCDF	0.000648
	1,2,3,4,6,7,8-HpCDF	0.0207
	1,2,3,4,7,8,9-HpCDF	0.0135
	OCDF	0.212
K175	Mercury	9200

(2) Radionuclides are subject to this section's notification requirements only in the following circumstances:

(i) If the identity and quantity (in curies) of each radionuclide in a released mixture or solution is known, the ratio between the quantity released (in curies) and the RQ for the radionuclide must be determined for each radionuclide. The only such releases subject to this section's notification requirements are those in which the sum of the ratios for the radionuclides in the mixture or solution released is equal to or greater than one.

(ii) If the identity of each radionuclide in a released mixture or solution is known but the quantity released (in curies) of one or more of the radionuclides is unknown, the only such releases subject to this section's notification requirements are those in which the total quantity (in curies) of the mixture or solution released is equal to or greater than the lowest RQ of any individual radionuclide in the mixture or solution.

(iii) If the identity of one or more radionuclides in a released mixture or solution is unknown (or if the identity of a radionuclide released by itself is unknown), the only such releases subject to this section's notification requirements are those in which the total quantity (in curies) released is equal to or greater than either one curie or the lowest RQ of any known individual radionuclide in the mixture or solution, whichever is lower.

(c) The following categories of releases are exempt from the notification requirements of this section:

(1) Releases of those radionuclides that occur naturally in the soil from land holdings such as parks, golf courses, or other large tracts of land.

(2) Releases of naturally occurring radionuclides from land disturbance activities, including farming, construction, and land disturbance incidental to extraction during mining activities, except that which occurs at uranium, phosphate, tin, zircon, hafnium, vanadium, monazite, and rare earth mines. Land disturbance incidental to extraction includes: land clearing; overburden removal and stockpiling; excavating, handling, transporting, and storing ores and other raw (not beneficiated or processed) materials; and replacing in mined-out areas coal ash, earthen materials from farming or construction, or overburden or other raw materials generated from the emptied mining activities.

(3) Releases of radionuclides from the dumping and transportation of coal and coal ash (including fly ash, bottom ash, and boiler slags), including the dumping and land spreading operations that occur during coal ash uses.

(4) Releases of radionuclides from piles of coal and coal ash, including fly ash, bottom ash, and boiler slags.

(d) Except for releases of radionuclides, notification of the release of an RQ of solid particles of antimony, arsenic, beryllium, cadmium, chromium, copper, lead, nickel, selenium, silver, thallium, or zinc is not required if the mean diameter of the particles released is larger than 100 micrometers (0.004 inches).

(e) The following releases are exempt from the notification requirements of this section:

(1) Releases in amounts less than 1,000 pounds per 24 hours of nitrogen oxide to the air which are the result of combustion and combustion-related activities.

(2) Releases in amounts less than 1,000 pounds per 24 hours of nitrogen dioxide to the air which are the result of combustion and combustion-related activities.

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(3) Air emissions from animal waste (including decomposing animal waste) at a farm.

[50 FR 13474, Apr. 4, 1985, as amended at 54 FR 22538, May 24, 1989; 54 FR 33481, Aug. 14, 1989; 63 FR 13475, Mar. 19, 1998; 63 FR 42189, Aug. 6, 1998; 64 FR 13114, Mar. 17, 1999; 65 FR 67132, Nov. 8, 2000; 67 FR 45356, July 9, 2002; 71 FR 58533, Oct. 4, 2006; 73 FR 76959, Dec. 18, 2008; 76 FR 9666, Feb. 22, 2011; 77 FR 10390, Feb. 22, 2012; 83 FR 37446, Aug. 1, 2018]

§ 302.7 Penalties.

(a) Any person—

(1) In charge of a vessel from which a hazardous substance is released, other than a federally permitted release, into or upon the navigable waters of the United States, adjoining shorelines, or into or upon the waters of the contiguous zone,

(2) In charge of a vessel from which a hazardous substance is released, other than a federally permitted release, which may affect natural resources belonging to, appertaining to, or under the exclusive management authority of the United States (including resources under the Fishery Conservation and Management Act of 1976), and who is otherwise subject to the jurisdiction of the United States at the time of the release, or

(3) In charge of a facility from which a hazardous substance is released, other than a federally permitted release, in a quantity equal to or greater than that reportable quantity determined under this part who fails to notify immediately the National Response Center as soon as he or she has knowledge of such release or who submits in such a notification any information which he knows to be false or misleading shall be subject to all of the sanctions, including criminal penalties, set forth in section 103(b) of the Act.

(b) Notification received pursuant to this section or information obtained by the exploitation of such notification shall not be used against any such person in any criminal case, except a prosecution for perjury or for giving a false statement.

(c) This section shall not apply to the application of a pesticide product registered under the Federal Insecticide, Fungicide, and Rodenticide Act or to

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the handling and storage of such a pesticide product by an agricultural producer.

[50 FR 13474, Apr. 4, 1985, as amended at 67 FR 45356, July 9, 2002]

§ 302.8 Continuous releases.

(a) Except as provided in paragraph (c) of this section, no notification is required for any release of a hazardous substance that is, pursuant to the definitions in paragraph (b) of this section, continuous and stable in quantity and rate.

(b) *Definitions.* The following definitions apply to notification of continuous releases:

Continuous. A continuous release is a release that occurs without interruption or abatement or that is routine, anticipated, and intermittent and incidental to normal operations or treatment processes.

Normal range. The normal range of a release is all releases (in pounds or kilograms) of a hazardous substance reported or occurring over any 24-hour period under normal operating conditions during the preceding year. Only releases that are both continuous and stable in quantity and rate may be included in the normal range.

Routine. A routine release is a release that occurs during normal operating procedures or processes.

Stable in quantity and rate. A release that is stable in quantity and rate is a release that is predictable and regular in amount and rate of emission.

Statistically significant increase. A statistically significant increase in a release is an increase in the quantity of the hazardous substance released above the upper bound of the reported normal range of the release.

(c) *Notification.* The following notifications shall be given for any release qualifying for reduced reporting under this section:

(1) Initial telephone notification;

(2) Initial written notification within 30 days of the initial telephone notification;

(3) Follow-up notification within 30 days of the first anniversary date of the initial written notification;

(4) Notification of a change in the composition or source(s) of the release or in the other information submitted

in the initial written notification of the release under paragraph (c)(2) of this section or the follow-up notification under paragraph (c)(3) of this section; and

(5) Notification at such times as an increase in the quantity of the hazardous substance being released during any 24-hour period represents a statistically significant increase as defined in paragraph (b) of this section.

(d) *Initial telephone notification.* Prior to making an initial telephone notification of a continuous release, the person in charge of a facility or vessel must establish a sound basis for qualifying the release for reporting under CERCLA section 103(f)(2) by:

(1) Using release data, engineering estimates, knowledge of operating procedures, or best professional judgment to establish the continuity and stability of the release;

(2) Reporting the release to the National Response Center for a period sufficient to establish the continuity and stability of the release; or

(3) When a person in charge of the facility or vessel believes that a basis has been established to qualify the release for reduced reporting under this section, initial notification to the National Response Center shall be made by telephone. The person in charge must identify the notification as an initial continuous release notification report and provide the following information:

(i) The name and location of the facility or vessel; and

(ii) The name(s) and identity(ies) of the hazardous substance(s) being released.

(e) *Initial written notification.* Initial written notification of a continuous release shall be made to the appropriate EPA HQ office. (Note: In addition to the requirements of this part, releases of CERCLA hazardous substances are also subject to the provisions of SARA Title III, also known as the Emergency Planning and Community Right-to-Know Act (EPCRA), section 304, and EPA's implementing regulations codified at 40 CFR part 355, which require initial telephone and written notifications of continuous releases to be submitted to the appropriate State emer-

gency response commission and local emergency planning committee.)

(1) Initial written notification to the appropriate EPA HQ office shall occur within 30 days of the initial telephone notification to the National Response Center, and shall include, for each release for which reduced reporting as a continuous release is claimed, the following information:

(i) The name of the facility or vessel; the location, including the latitude and longitude; the case number assigned by the National Response Center or the Environmental Protection Agency; the Dun and Bradstreet number of the facility, if available; the port of registration of the vessel; the name and telephone number of the person in charge of the facility or vessel.

(ii) The population density within a one-mile radius of the facility or vessel, described in terms of the following ranges: 0-50 persons, 51-100 persons, 101-500 persons, 501-1,000 persons, more than 1,000 persons.

(iii) The identity and location of sensitive populations and ecosystems within a one-mile radius of the facility or vessel (e.g., elementary schools, hospitals, retirement communities, or wetlands).

(iv) For each hazardous substance release claimed to qualify for reporting under CERCLA section 103(f)(2), the following information must be supplied:

(A) The name/identity of the hazardous substance; the Chemical Abstracts Service Registry Number for the substance (if available); and if the substance being released is a mixture, the components of the mixture and their approximate concentrations and quantities, by weight.

(B) The upper and lower bounds of the normal range of the release (in pounds or kilograms) over the previous year.

(C) The source(s) of the release (e.g., valves, pump seals, storage tank vents, stacks). If the release is from a stack, the stack height (in feet or meters).

(D) The frequency of the release and the fraction of the release from each release source and the specific period over which it occurs.

(E) A brief statement describing the basis for stating that the release is

continuous and stable in quantity and rate.

(F) An estimate of the total annual amount that was released in the previous year (in pounds or kilograms).

(G) The environmental medium(a) affected by the release:

(1) If surface water, the name of the surface water body;

(2) If a stream, the stream order or average flowrate (in cubic feet/second) and designated use;

(3) If a lake, the surface area (in acres) and average depth (in feet or meters);

(4) If on or under ground, the location of public water supply wells within two miles.

(H) A signed statement that the hazardous substance release(s) described is(are) continuous and stable in quantity and rate under the definitions in paragraph (b) of this section and that all reported information is accurate and current to the best knowledge of the person in charge.

(f) *Follow-up notification.* Within 30 days of the first anniversary date of the initial written notification, the person in charge of the facility or vessel shall evaluate each hazardous substance release reported to verify and update the information submitted in the initial written notification. The follow-up written notification shall be submitted to the appropriate EPA HQ office. The follow-up notification shall include the following information:

(1) The name of the facility or vessel; the location, including the latitude and longitude; the case number assigned by the National Response Center or the Environmental Protection Agency; the Dun and Bradstreet number of the facility, if available; the port of registration of the vessel; the name and telephone number of the person in charge of the facility or vessel.

(2) The population density within a one-mile radius of the facility or vessel, described in terms of the following ranges: 0-50 persons, 51-100 persons, 101-500 persons, 501-1,000 persons, more than 1,000 persons.

(3) The identity and location of sensitive populations and ecosystems within a one-mile radius of the facility or vessel (e.g., elementary schools, hos-

pitals, retirement communities, or wetlands).

(4) For each hazardous substance release claimed to qualify for reporting under CERCLA section 103(f)(2), the following information shall be supplied:

(i) The name/identity of the hazardous substance; the Chemical Abstracts Service Registry Number for the substance (if available); and if the substance being released is a mixture, the components of the mixture and their approximate concentrations and quantities, by weight.

(ii) The upper and lower bounds of the normal range of the release (in pounds or kilograms) over the previous year.

(iii) The source(s) of the release (e.g., valves, pump seals, storage tank vents, stacks). If the release is from a stack, the stack height (in feet or meters).

(iv) The frequency of the release and the fraction of the release from each release source and the specific period over which it occurs.

(v) A brief statement describing the basis for stating that the release is continuous and stable in quantity and rate.

(vi) An estimate of the total annual amount that was released in the previous year (in pounds or kilograms).

(vii) The environmental medium(a) affected by the release:

(A) If surface water, the name of the surface water body;

(B) If a stream, the stream order or average flowrate (in cubic feet/second) and designated use;

(C) If a lake, the surface area (in acres) and average depth (in feet or meters);

(D) If on or under ground, the location of public water supply wells within two miles.

(viii) A signed statement that the hazardous substance release(s) is(are) continuous and stable in quantity and rate under the definitions in paragraph (b) of this section and that all reported information is accurate and current to the best knowledge of the person in charge.

(g) *Notification of changes in the release.* If there is a change in the release, notification of the change, not otherwise reported, shall be provided in the following manner:

(1) *Change in source or composition.* If there is any change in the composition or source(s) of the release, the release is a new release and must be qualified for reporting under this section by the submission of initial telephone notification and initial written notification in accordance with paragraphs (c) (1) and (2) of this section as soon as there is a sufficient basis for asserting that the release is continuous and stable in quantity and rate;

(2) *Change in the normal range.* If there is a change in the release such that the quantity of the release exceeds the upper bound of the reported normal range, the release must be reported as a statistically significant increase in the release. If a change will result in a number of releases that exceed the upper bound of the normal range, the person in charge of a facility or vessel may modify the normal range by:

(i) Reporting at least one statistically significant increase report as required under paragraph (h) of this section and, at the same time, informing the National Response Center of the change in the normal range; and

(ii) Submitting, within 30 days of the telephone notification, written notification to the appropriate EPA Headquarters office describing the new normal range, the reason for the change, and the basis for stating that the release in the increased amount is continuous and stable in quantity and rate under the definitions in paragraph (b) of this section.

(3) *Changes in other reported information.* If there is a change in any information submitted in the initial written notification or the follow-up notification other than a change in the source, composition, or quantity of the release, the person in charge of the facility or vessel shall provide written notification of the change to the appropriate EPA HQ office, within 30 days of determining that the information submitted previously is no longer valid. Notification shall include the reason for the change, and the basis for stating that the release is continuous and stable under the changed conditions.

(4) *Certificate of changes.* Notification of changes shall include the case number assigned by the National Response

Center or the Environmental Protection Agency and also the signed certification statement required at (e)(1)(iv)(H) of this section.

(h) *Notification of a statistically significant increase in a release.* Notification of a statistically significant increase in a release shall be made to the National Response Center as soon as the person in charge of the facility or vessel has knowledge of the increase. The release must be identified as a statistically significant increase in a continuous release. A determination of whether an increase is a "statistically significant increase" shall be made based upon calculations or estimation procedures that will identify releases that exceed the upper bound of the reported normal range.

(i) *Annual evaluation of releases.* Each hazardous substance release shall be evaluated annually to determine if changes have occurred in the information submitted in the initial written notification, the followup notification, and/or in a previous change notification.

(j) *Use of the SARA Title III (EPCRA) section 313 form.* In lieu of an initial written report or a follow-up report, owners or operators of facilities subject to the requirements of SARA Title III (EPCRA) section 313 may submit to the appropriate EPA HQ office, a copy of the Toxic Release Inventory form submitted under SARA Title III (EPCRA) section 313 the previous July 1, provided that the following information is added:

(1) The population density within a one-mile radius of the facility or vessel, described in terms of the following ranges: 0-50 persons, 51-100 persons, 101-500 persons, 501-1,000 persons, more than 1,000 persons.

(2) The identity and location of sensitive populations and ecosystems within a one-mile radius of the facility or vessel (e.g., elementary schools, hospitals, retirement communities, or wetlands).

(3) For each hazardous substance release claimed to qualify for reporting under CERCLA section 103(f)(2), the following information must be supplied:

(i) The upper and lower bounds of the normal range of the release (in pounds or kilograms) over the previous year.

(ii) The frequency of the release and the fraction of the release from each release source and the specific period over which it occurs.

(iii) A brief statement describing the basis for stating that the release is continuous and stable in quantity and rate.

(iv) A signed statement that the hazardous substance release(s) is(are) continuous and stable in quantity and rate under the definitions in paragraph (b) of this section and that all reported information is accurate and current to the best knowledge of the person in charge.

(k) *Documentation supporting notification.* Where necessary to satisfy the requirements of this section, the person in charge may rely on recent release data, engineering estimates, the operating history of the facility or vessel, or other relevant information to support notification. All supporting documents, materials, and other information shall be kept on file at the facility, or in the case of a vessel, at an office within the United States in either a port of call, a place of regular berthing, or the headquarters of the business operating the vessel. Supporting materials shall be kept on file for a period of one year and shall substantiate the reported normal range of releases, the basis for stating that the release is continuous and stable in quantity and rate, and the other information in the initial written report, the followup report, and the annual evaluations required under paragraphs (e), (f), and (i), respectively. Such information shall be made available to EPA upon request as necessary to enforce the requirements of this section.

(l) *Multiple concurrent releases.* Multiple concurrent releases of the same substance occurring at various locations with respect to contiguous plants or installations upon contiguous grounds that are under common ownership or control may be considered separately or added together in determining whether such releases constitute a continuous release or a statistically significant increase under the definitions in paragraph (b) of this section; whichever approach is elected for purposes of determining whether a release is continuous also must be used

to determine a statistically significant increase in the release.

(m) *Penalties for failure to comply.* The reduced reporting requirements provided for under this section shall apply only so long as the person in charge complies fully with all requirements of paragraph (c) of this section. Failure to comply with respect to any release from the facility or vessel shall subject the person in charge to all of the reporting requirements of §302.6 for each such release, to the penalties under §302.7, and to any other applicable penalties provided for by law.

[55 FR 30185, July 24, 1990, as amended at 67 FR 45357, July 9, 2002; 86 FR 62737, Nov. 12, 2021]

PART 303—CITIZEN AWARDS FOR INFORMATION ON CRIMINAL VIOLATIONS UNDER SUPERFUND

Subpart A—General

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303.10 Purpose.

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Subpart B—Eligibility To File a Claim for Award and Determination of Eligibility and Amount of Award

303.20 Eligibility to file a claim for award.

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AUTHORITY: 42 U.S.C. 9609(d), Executive Order No. 12580.

SOURCE: 54 FR 26143, June 21, 1989, unless otherwise noted.

Subpart A—General

§ 303.10 Purpose.

This regulation implements the “citizen award” authority granted by Congress to the President in the 1986 Amendments to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), section 109(d). As authorized in the Superfund