

## § 302.4

## 40 CFR Ch. I (7-1-02 Edition)

non-navigable waters within the United States;

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

*Release* means any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment, but excludes (1) any release which results in exposure to persons solely within a workplace, with respect to a claim which such persons may assert against the employer of such persons, (2) emissions from the engine exhaust of a motor vehicle, rolling stock, aircraft, vessel, or pipeline pumping station engine, (3) release of source, byproduct, or special nuclear material from a nuclear incident, as those terms are defined in the Atomic Energy Act of 1954, if such release is subject to requirements with respect to financial protection established by the Nuclear Regulatory Commission under section 170 of such Act, or for the purposes of section 104 of the Comprehensive Environmental Response, Compensation, and Liability Act or any other response action, any release of source, byproduct, or special nuclear material from any processing site designated under section 102(a)(1) or 302(a) of the Uranium Mill Tailings Radiation Control Act of 1978, and (4) the normal application of fertilizer;

*Reportable quantity* means that quantity, as set forth in this part, the release of which requires notification pursuant to this part;

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

ern Marianas, and any other territory or possession over which the United States has jurisdiction; and

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

### § 302.4 Designation of hazardous substances.

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

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

NOTE: The numbers under the column headed "CASRN" are the Chemical Abstracts Service Registry Numbers for each hazardous substance. Other names by which each hazardous substance is identified in other statutes and their implementing regulations are provided in the "Regulatory Synonyms" column. The "Statutory RQ" column lists the RQs for hazardous substances established by section 102 of CERCLA. The "Statutory Code" column indicates the statutory source for designating each substance as a CERCLA hazardous substance: "1" indicates that the statutory source is section 311(b)(4) of the Clean Water Act, "2" indicates that the source is section 307(a) of the Clean Water Act, "3" indicates that the source is section 112 of the Clean Air Act, and "4" indicates that the source is RCRA section 3001. The "RCRA Waste Number" column provides the waste identification numbers assigned to various substances by RCRA regulations. The column headed "Category" lists the code letters "X," "A," "B," "C," and "D," which are associated with reportable quantities of 1, 10, 100, 1000, and 5000 pounds, respectively. The "Pounds (kg)" column provides the reportable quantity adjustment for each hazardous substance in pounds and kilograms.

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES

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

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

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

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

Hazardous substance	CASRN	Regulatory synonyms	Statutory			Final RQ	
			RQ	Code †	RCRA waste Number	Cat-egory	Pounds (Kg)
Allyl chloride .....	107051	.....	1000	1,3		C	1000 (454)
Aluminum phosphide .....	20859738	.....	1*	4	P006	B	100 (45.4)
Aluminum sulfate .....	10043013	.....	5000	1		D	5000 (2270)
4-Aminobiphenyl .....	92671	.....	1*	3		X	1 (0.454)
5-(Aminomethyl)-3-isoxazolol .....	2763964	Muscimol 3(2H)-Isoxazolone, 5-(aminomethyl)-	1*	4	P007	C	1000 (454)
4-Aminopyridine .....	504245	4-Pyridinamine .....	1*	4	P008	C	1000 (454)
Amitrole .....	61825	1H-1,2,4-Triazol-3-amine .....	1*	4	U011	A	10 (4.54)
Ammonia .....	7664417	.....	100	1		B	100 (45.4)
Ammonium acetate .....	631618	.....	5000	1		D	5000 (2270)
Ammonium benzoate .....	1863634	.....	5000	1		D	5000 (2270)
Ammonium bicarbonate .....	1066337	.....	5000	1		D	5000 (2270)
Ammonium bichromate .....	7789095	.....	1000	1		A	10 (4.54)
Ammonium bifluoride .....	1341497	.....	5000	1		B	100 (45.4)
Ammonium bisulfite .....	10192300	.....	5000	1		D	5000 (2270)
Ammonium carbamate .....	1111780	.....	5000	1		D	5000 (2270)
Ammonium carbonate .....	506876	.....	5000	1		D	5000 (2270)
Ammonium chloride .....	12125029	.....	5000	1		D	5000 (2270)
Ammonium chromate .....	7788989	.....	1000	1		A	10 (4.54)
Ammonium citrate, dibasic .....	3012655	.....	5000	1		D	5000 (2270)
Ammonium fluoborate .....	13826830	.....	5000	1		D	5000 (2270)
Ammonium fluoride .....	12125018	.....	5000	1		B	100 (45.4)
Ammonium hydroxide .....	1336216	.....	1000	1		C	1000 (454)
Ammonium oxalate .....	6009707	.....	5000	1		D	5000 (2270)
	5972736	.....					
	14258492	.....					
Ammonium picrate .....	131748	Phenol, 2,4,6-trinitro-, ammonium salt .....	1*	4	P009	A	10 (4.54)
Ammonium silicofluoride .....	16919190	.....	1000	1		C	1000 (454)
Ammonium sulfamate .....	7773060	.....	5000	1		D	5000 (2270)
Ammonium sulfide .....	12135761	.....	5000	1		B	100 (45.4)
Ammonium sulfite .....	10196040	.....	5000	1		D	5000 (2270)
Ammonium tartrate .....	14307438	.....	5000	1		D	5000 (2270)
	3164292	.....					
Ammonium thiocyanate .....	1762954	.....	5000	1		D	5000 (2270)
Ammonium vanadate .....	7803556	Vanadic acid, ammonium salt .....	1*	4	P119	C	1000 (454)
Amyl acetate .....	628637	.....	1000	1		D	5000 (2270)
iso-Amyl acetate .....	123922	.....					
sec-Amyl acetate .....	626380	.....					
tert-Amyl acetate .....	625161	.....					
Aniline .....	62533	Benzenamine .....	1000	1,3,4	U012	D	5000 (2270)
o-Anisidine .....	90040	.....	1*	3		B	100 (45.4)
Anthracene .....	120127	.....	1*	2		D	5000 (2270)

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Antimony †	7440360	.....	1*	2		D	5000 (2270)
ANTIMONY AND COMPOUNDS	N.A.	Antimony Compounds	1*	2,3			**
Antimony Compounds	N.A.	ANTIMONY AND COMPOUNDS	1*	2,3			**
Antimony pentachloride	7647189	.....	1000	1		C	1000 (454)
Antimony potassium tartrate	28300745	.....	1000	1		B	100 (45.4)
Antimony tribromide	7789619	.....	1000	1		C	1000 (454)
Antimony trichloride	10025919	.....	1000	1		C	1000 (454)
Antimony trifluoride	7783564	.....	1000	1		C	1000 (454)
Antimony trioxide	1309644	.....	5000	1		C	1000 (454)
Argentate(1-), bis(cyano-C)-, potassium	506616	Potassium silver cyanide	1*	4	P099	X	1 (0.454)
Aroclor 1016	12674112	Aroclors	10	1,2,3		X	1 (0.454)
		PCBs					
		POLYCHLORINATED BIPHENYLS					
Aroclor 1221	11104282	Aroclors	10	1,2,3		X	1 (0.454)
		PCBs					
		POLYCHLORINATED BIPHENYLS					
Aroclor 1232	11141165	Aroclors	10	1,2,3		X	1 (0.454)
		PCBs					
		POLYCHLORINATED BIPHENYLS					
Aroclor 1242	53469219	Aroclors	10	1,2,3		X	1 (0.454)
		PCBs					
		POLYCHLORINATED BIPHENYLS					
Aroclor 1248	12672296	Aroclors	10	1,2,3		X	1 (0.454)
		PCBs					
		POLYCHLORINATED BIPHENYLS					
Aroclor 1254	11097691	Aroclors	10	1,2,3		X	1 (0.454)
		PCBs					
		POLYCHLORINATED BIPHENYLS					
Aroclor 1260	11096825	Aroclors	10	1,2,3		X	1 (0.454)
		PCBs					
		POLYCHLORINATED BIPHENYLS					
Aroclors	1336363	PCBs	10	1,2,3		X	1 (0.454)
		POLYCHLORINATED BIPHENYLS					
Aroclor 1016	12674112	.....	10	1,2,3		X	1 (0.454)
Aroclor 1221	11104282	.....	10	1,2,3		X	1 (0.454)
Aroclor 1232	11141165	.....	10	1,2,3		X	1 (0.454)
Aroclor 1242	53469219	.....	10	1,2,3		X	1 (0.454)
Aroclor 1248	12672296	.....	10	1,2,3		X	1 (0.454)
Aroclor 1254	11097691	.....	10	1,2,3		X	1 (0.454)
Aroclor 1260	11096825	.....	10	1,2,3		X	1 (0.454)
Arsenic ‡	7440382	.....	1*	2,3		X	1 (0.454)
Arsenic acid	1327522	Arsenic acid H <sub>3</sub> AsO <sub>4</sub>	1*	4	P010	X	1 (0.454)
	7778394	.....					
Arsenic acid H <sub>3</sub> AsO <sub>4</sub>	1327522	Arsenic acid	1*	4	P010	X	1 (0.454)
	7778394	.....					
ARSENIC AND COMPOUNDS	N.A.	Arsenic Compounds (inorganic including arsine)	1*	2,3			**
Arsenic Compounds (inorganic including arsine)	N.A.	ARSENIC AND COMPOUNDS	1*	2,3			**
Arsenic disulfide	1303328	.....	5000	1		X	1 (0.454)
Arsenic oxide As <sub>2</sub> O <sub>3</sub>	1327533	Arsenic trioxide	5000	1,4	P012	X	1 (0.454)

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Hazardous substance	CASRN	Regulatory synonyms	Statutory			Final RQ	
			RQ	Code †	RCRA waste Number	Cat-egory	Pounds (Kg)
Arsenic oxide As <sub>2</sub> O <sub>5</sub> .....	1303282	Arsenic pentoxide .....	5000	1,4	P011	X	1 (0.454)
Arsenic pentoxide .....	1303282	Arsenic oxide As <sub>2</sub> O <sub>5</sub> .....	5000	1,4	P011	X	1 (0.454)
Arsenic trichloride .....	7784341	.....	5000	1		X	1 (0.454)
Arsenic trioxide .....	1327533	Arsenic oxide As <sub>2</sub> O <sub>3</sub> .....	5000	1,4	P012	X	1 (0.454)
Arsenic trisulfide .....	1303339	.....	5000	1		X	1 (0.454)
Arsine, diethyl- .....	692422	Diethylarsine .....	1*	4	P038	X	1 (0.454)
Arsinic acid, dimethyl- .....	75605	Cacodylic acid .....	1*	4	U136	X	1 (0.454)
Arsonous dichloride, phenyl- .....	696286	Dichlorophenylarsine .....	1*	4	P036	X	1 (0.454)
Asbestos †† .....	1332214	.....	1*	2,3		X	1 (0.454)
Auramine .....	492808	Benzenamine, 4,4'-carbonimidoylbis (N,N-dimethyl- .....	1*	4	U014	B	100 (45.4)
Azaserine .....	115026	L-Serine, diazoacetate (ester) .....	1*	4	U015	X	1 (0.454)
Aziridine .....	151564	Ethyleneimine .....	1*	3,4	P054	X	1 (0.454)
Aziridine, 2-methyl- .....	75558	2-Methyl aziridine 1,2-Propyleneimine .....	1*	3,4	P067	X	1 (0.454)
Azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione,6-amino-8-[[[aminocarbonyloxy]methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-[1aS-(1aalpha,8beta,8aalpha,8balpha)]]- .....	50077	Mitomycin C .....	1*	4	U010	A	10 (4.54)
Barium cyanide .....	542621	.....	10	1,4	P013	A	10 (4.54)
Benz[ <i>l</i> ]aceanthrylene, 1,2-dihydro-3-methyl- .....	56495	3-Methylcholanthrene .....	1*	4	U157	A	10 (4.54)
Benz[ <i>c</i> ]acridine .....	225514	.....	1*	4	U016	B	100 (45.4)
Benzal chloride .....	98873	Benzene, dichloromethyl- .....	1*	4	U017	D	5000 (2270)
Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)- .....	23950585	Pronamide .....	1*	4	U192	D	5000 (2270)
Benz[ <i>a</i> ]anthracene .....	56553	Benzo[ <i>a</i> ]anthracene .....	1*	2,4	U018	A	10 (4.54)
1,2-Benzanthracene .....	56553	1,2-Benzanthracene .....	1*	2,4	U018	A	10 (4.54)
Benz[ <i>a</i> ]anthracene, 7,12-dimethyl- .....	57976	Benzo[ <i>a</i> ]anthracene .....	1*	4	U094	X	1 (0.454)
Benzenamine .....	62533	Aniline .....	1000	1,3,4	U012	D	5000 (2270)
Benzenamine, 4,4'-carbonimidoylbis (N,N-dimethyl- .....	492808	Auramine .....	1*	4	U014	B	100 (45.4)
Benzenamine, 4-chloro- .....	106478	p-Chloroaniline .....	1*	4	P024	C	1000 (45.4)
Benzenamine, 4-chloro-2-methyl-, hydrochloride .....	3165933	4-Chloro-o-toluidine, hydrochloride .....	1*	4	U049	B	100 (45.4)
Benzenamine, N,N-dimethyl-4-(phenylazo-) .....	60117	Dimethyl aminoazobenzene .....	1*	3,4	U093	A	10 (4.54)
Benzenamine, 2-methyl- .....	95534	p-Dimethylaminoazobenzene .....	1*	3,4	U328	B	100 (45.4)
Benzenamine, 4-methyl- .....	106490	o-Toluidine .....	1*	4	U353	B	100 (45.4)
Benzenamine, 4,4'-methylenebis(2-chloro- .....	101144	p-Toluidine .....	1*	4	U158	A	10 (4.54)
Benzenamine, 2-methyl-, hydrochloride .....	636215	4,4'-Methylenebis(2-chloroaniline) .....	1*	3,4	U158	A	10 (4.54)
Benzenamine, 2-methyl-5-nitro- .....	99558	o-Toluidine hydrochloride .....	1*	4	U222	B	100 (45.4)
Benzenamine, 4-nitro- .....	100016	5-Nitro-o-toluidine .....	1*	4	U181	B	100 (45.4)
Benzene <sup>a</sup> .....	71432	p-Nitroaniline .....	1000	1,2,3,4	P077	D	5000 (2270)
Benzeneacetic acid, 4-chloro- $\alpha$ -(4-chlorophenyl)- $\alpha$ -hydroxy-, ethyl ester .....	510156	Chlorobenzilate .....	1*	3,4	U109	A	10 (4.54)
					U038	A	10 (4.54)

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Benzene, 1-bromo-4-phenoxy- .....	101553	4-Bromophenyl phenyl ether .....	1*	2,4	U030	B	100 (45.4)
Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- .....	305033	Chlorambucil .....	1*	4	U035	A	10 (4.54)
Benzene, chloro- .....	108907	Chlorobenzene .....	100	1,2,3,4	U037	B	100 (45.4)
Benzene, chloromethyl- .....	100447	Benzyl chloride .....	100	1,3,4	P028	B	100 (45.4)
Benzenediamine, ar-methyl- .....	95807	Toluenediamine .....	1*	3,4	U221	A	10 (4.54)
	496720	2,4-Toluene diamine .....					
	823405						
	25376458						
1,2-Benzenedicarboxylic acid, dioctyl ester .....	117840	Di-n-octyl phthalate .....	1*	2,4	U107	D	5000 (2270)
1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester .....	117817	Bis(2-ethylhexyl)phthalate .....	1*	2,3,4	U028	B	100 (45.4)
		DEHP .....					
		Diethylhexyl phthalate .....					
1,2-Benzenedicarboxylic acid, dibutyl ester .....	84742	n-Butyl phthalate .....	100	1,2,3,4	U069	A	10 (4.54)
		Dibutyl phthalate .....					
		Di-n-butyl phthalate .....					
1,2-Benzenedicarboxylic acid, diethyl ester .....	84662	Diethyl phthalate .....	1*	2,4	U088	C	1000 (454)
1,2-Benzenedicarboxylic acid, dimethyl ester .....	131113	Dimethyl phthalate .....	1*	2,3,4	U102	D	5000 (2270)
Benzene, 1,2-dichloro- .....	95501	o-Dichlorobenzene .....	100	1,2,4	U070	B	100 (45.4)
		1,2-Dichlorobenzene .....					
Benzene, 1,3-dichloro- .....	541731	m-Dichlorobenzene .....	1*	2,4	U071	B	100 (45.4)
		1,3-Dichlorobenzene .....					
Benzene, 1,4-dichloro- .....	106467	p-Dichlorobenzene .....	100	1,2,3,4	U072	B	100 (45.4)
		1,4-Dichlorobenzene .....					
Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro- .....	72548	DDD .....	1	1,2,4	U060	X	1 (0.454)
		TDE .....					
		4,4' DDD .....					
Benzene, dichloromethyl- .....	98873	Benzal chloride .....	1*	4	U017	D	5000 (2270)
Benzene, 1,3-diisocyanatomethyl- .....	91087	Toluene diisocyanate .....	1*	3,4	U223	B	100 (45.4)
	584849	2,4-Toluene diisocyanate .....					
	26471625						
Benzene, dimethyl- .....	1330207	Xylene .....	1000	1,3,4	U239	B	100 (45.4)
		Xylene (mixed) .....					
		Xylenes (isomers and mixture) .....					
Benzene,m-dimethyl- .....	108383	m-Xylene .....	1*	3		C	1000 (454)
Benzene, o-dimethyl- .....	95476	o-Xylene .....	1*	3		C	1000 (454)
Benzene, p-dimethyl- .....	106423	p-Xylene .....	1*	3		B	100 (45.4)
1,3-Benzenediol .....	108463	Resorcinol .....	1000	1,4	U201	D	5000 (2270)
1,2-Benzenediol,4-[1-hydroxy-2-(methylamino)ethyl]- .....	51434	Epinephrine .....	1*	4	P042	C	1000 (454)
Benzeneethanamine, alpha,alpha-dimethyl- .....	122098	alpha,alpha-Dimethylphenethylamine .....	1*	4	P046	D	5000 (2270)
Benzene, hexachloro- .....	118741	Hexachlorobenzene .....	1*	2,3,4	U127	A	10 (4.54)
Benzene, hexahydro- .....	110827	Cyclohexane .....	1000	1,4	U056	C	1000 (454)
Benzene, hydroxy- .....	108952	Phenol .....	1000	1,2,3,4	U188	C	1000 (454)
Benzene, methyl- .....	108883	Toluene .....	1000	1,2,3,4	U220	C	1000 (454)
Benzene, 2-methyl-1,3-dinitro- .....	606202	2,6-Dinitrotoluene .....	1000	1,2,4	U106	B	100 (45.4)
Benzene, 1-methyl-2,4-dinitro- .....	121142	2,4-Dinitrotoluene .....	1000	1,2,3,4	U105	A	10 (4.54)
Benzene, (1-methylethyl)- .....	98828	Cumene .....	1*	3,4	U055	D	5000 (2270)
Benzene, nitro- .....	98953	Nitrobenzene .....	1000	1,2,3,4	U169	C	1000 (454)
Benzene, pentachloro- .....	608935	Pentachlorobenzene .....	1*	4	U183	A	10 (4.54)

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

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

Hazardous substance	CASRN	Regulatory synonyms	Statutory			Final RQ	
			RQ	Code †	RCRA waste Number	Cat-egory	Pounds (Kg)
Benzene, pentachloronitro- .....	82688	PCNB ..... Pentachloronitrobenzene Quintobenzene	1*	3,4	U185	B	100 (45.4)
Benzenesulfonic acid chloride .....	98099	Benzenesulfonyl chloride .....	1*	4	U020	B	100 (45.4)
Benzenesulfonyl chloride .....	98099	Benzenesulfonic acid chloride .....	1*	4	U020	B	100 (45.4)
Benzene, 1,2,4,5-tetrachloro- .....	95943	1,2,4,5-Tetrachlorobenzene .....	1*	4	U207	D	5000 (2270)
Benzenethiol .....	108985	Thiophenol .....	1*	4	P014	B	100 (45.4)
Benzene, 1,1'-(2,2,2-tri-chloroethylidene)bis[4-chloro- .....	50293	DDT ..... 4,4'DDT	1	1,2,4	U061	X	1 (0.454)
Benzene, 1,1'-(2,2,2-trichloroethylidene) bis[4-methoxy- .....	72435	Methoxychlor .....	1	1,3,4	U247	X	1 (0.454)
Benzene, (trichloromethyl)- .....	98077	Benzotrichloride .....	1*	3,4	U023	A	10 (4.54)
Benzene, 1,3,5-trinitro- .....	99354	1,3,5-Trinitrobenzene .....	1*	4	U234	A	10 (4.54)
Benzidine .....	92875	[1,1'-Biphenyl]-4,4'-diamine .....	1*	2,3,4	U021	X	1 (0.454)
1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide .....	81072	Saccharin and salts .....	1*	4	U202	B	100 (45.4)
Benzo[a]anthracene .....	56553	Benzo[a]anthracene ..... 1,2-Benzanthracene	1*	2,4	U018	A	10 (4.54)
Benzo[b]fluoranthene .....	205992	.....	1*	2		X	1 (0.454)
Benzo[k]fluoranthene .....	207089	.....	1*	2		D	5000 (2270)
Benzo[j,k]fluorene .....	206440	Fluoranthene .....	1*	2,4	U120	B	100 (45.4)
1,3-Benzodioxol-4-ol, 2,2-dimethyl-, (Bendiocarb phenol) .....	22961826	.....	1*	4	U364		##
1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate (Bendiocarb) .....	22781233	.....	1*	4	U278		##
1,3-Benzodioxole, 5-(2-propenyl)- .....	120581	Isosafrole .....	1*	4	U141	B	100 (45.4)
1,3-Benzodioxole, 5-(2-propenyl)- .....	94597	Safrole .....	1*	4	U203	B	100 (45.4)
1,3-Benzodioxole, 5-propyl- .....	94586	Dihydrosafrole .....	1*	4	U090	A	10 (4.54)
7-Benzofuranol, 2,3-dihydro-2,2-dimethyl- (Carbofuran phenol) .....	1563388	.....	1*	4	U367		##
Benzoic acid .....	65850	.....	5000	1		D	5000 (2270)
Benzoic acid, 2-hydroxy-, compd. with (3aS-cis)-1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-yl methylcarbamate ester (1:1) (Physostigmine salicylate) .....	57647	.....	1*	4	P188		##
Benzonitrile .....	100470	.....	1000	1		D	5000 (2270)
Benzo [rst]pentaphene .....	189559	Dibenz[a,i]pyrene .....	1*	4	U064	A	10 (4.54)
Benzo[ghi]perylene .....	191242	.....	1*	2		D	5000 (2270)
2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenyl-butyl)-, & salts, when present at concentrations greater than 0.3% .....	81812	Warfarin, & salts, when present at concentrations greater than 0.3% .....	1*	4	P001	B	100 (45.4)
Benzo[a]pyrene .....	50328	3,4-Benzopyrene .....	1*	2,4	U022	X	1 (0.454)
3,4-Benzopyrene .....	50328	Benzo[a]pyrene .....	1*	2,4	U022	X	1 (0.454)
p-Benzoquinone .....	106514	2,5-Cyclohexadiene-1,4-dione .....	1*	3,4	U197	A	10 (4.54)
Benzoquinone .....		Quinone .....					
Benzoic acid, 2-hydroxy-, compd. with (3aS-cis)-1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-yl methylcarbamate ester (1:1) (Physostigmine salicylate) .....	57647	.....	1*	3,4	U023	A	10 (4.54)
Benzoic acid, 2-hydroxy-, compd. with (3aS-cis)-1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-yl methylcarbamate ester (1:1) (Physostigmine salicylate) .....	57647	.....	1000	1		C	1000 (454)
1,2-Benzphenanthrene .....	218019	Chrysene .....	1*	2,4	U050	B	100 (45.4)

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Benzyl chloride .....	100447	Benzene, chloromethyl- .....	100	1,3,4	P028	B	100 (45.4)
BERYLLIUM AND COMPOUNDS .....	N.A.	Beryllium Compounds .....	1*	2,3			**
Beryllium Compounds .....	N.A.	BERYLLIUM AND COMPOUNDS .....	1*	2,3			**
Beryllium chloride .....	7787475	.....	5000	1		X	1 (0.454)
Beryllium fluoride .....	7787497	.....	5000	1		X	1 (0.454)
Beryllium nitrate .....	13597994	.....	5000	1		X	1 (0.454)
Beryllium powder ‡ .....	7787555	Beryllium ‡ .....	1*	2,3,4	P015	A	10 (4.54)
alpha—BHC .....	7440417	.....	1*	2		A	10 (4.54)
beta—BHC .....	319846	.....	1*	2		X	1 (0.454)
delta—BHC .....	319857	.....	1*	2		X	1 (0.454)
γ-BHC .....	319868	.....	1*	2		X	1 (0.454)
.....	58899	Cyclohexane, 1,2,3,4,5,6-hexa chloro- (1α, 2α, 3β, 4α, 5α, 6β)- Hexachlorocyclohexane (gamma isomer) Lindane	1	1,2,3,4	U129	X	1 (0.454)
2,2'-Bioxirane .....	1464535	1,2,3,4-Diepoxybutane .....	1*	4	U085	A	10 (4.54)
(1,1'-Biphenyl)-4,4'diamine .....	92875	Benzidine .....	1*	2,4	U021	X	1 (0.454)
[1,1'-Biphenyl]-4,4'diamine,3,3'dichloro- .....	91941	3,3'-Dichlorobenzidine .....	1*	2,4	U073	X	1 (0.454)
[1,1'-Biphenyl]-4,4'diamine,3,3'dimethoxy- .....	119904	3,3'-Dimethoxybenzidine .....	1*	4	U091	B	100 (45.4)
[1,1'Biphenyl]-4,4'-diamine,3,3'-dimethyl- .....	119937	3,3'-Dimethylbenzidine .....	1*	4	U095	A	10 (4.54)
Biphenyl .....	92524	.....	1*	3		B	100 (45.4)
Bis (2-chloroethyl) ether .....	111444	Dichloroethyl ether .....	1*	2,4	U025	A	10 (4.54)
Bis(2-chloroethoxy) methane .....	111911	Ethane,1,1'-oxybis[2-chloro- Dichloromethoxy ethane .....	1*	2,4	U024	C	1000 (454)
Bis (2-ethylhexyl)phthalate .....	117817	Ethane, 1,1'-[methylenebis(oxy)]bis(2-chloro- Diethylhexyl phthalate .....	1*	2,4	U028	B	100 (45.4)
Bromoacetone .....	598312	1,2-Benzenedicarboxylic acid, [bis(2-ethylhexyl)] ester	1*	4	P017	C	1000 (454)
Bromoform .....	75252	2-Propanone, 1-bromo- .....	1*	2,4	U225	B	100 (45.4)
4-Bromophenyl phenyl ether .....	101553	Methane, tribromo- .....	1*	2,4	U030	B	100 (45.4)
Brucine .....	357573	Benzene, 1-bromo-4-phenoxy- .....	1*	4	P018	B	100 (45.4)
1,3-Butadiene, 1,1,2,3,4,4-hexachloro- .....	87683	Strychnidin-10-one, 2,3-dimethoxy- .....	1*	2,4	U128	X	1 (0.454)
1,3-Butadiene .....	106990	Hexachlorobutadiene .....	1*	3		A	10 (4.54)
1-Butanamine, N-butyl-N-nitroso- .....	924163	N-Nitrosodi-n-butylamine .....	1*	4	U172	A	10 (4.54)
1-Butanol .....	71363	n-Butyl alcohol .....	1*	4	U031	D	5000 (2270)
2-Butanone .....	78933	MEK .....	1*	3,4	U159	D	5000 (2270)
2-Butanone peroxide .....	1338234	Methyl ethyl ketone Methyl ethyl ketone peroxide .....	1*	4	U160	A	10 (4.54)
2-Butanone, 3,3-dimethyl-1-(methylthio)-, O[(methylamino)carbonyl] oxime.	39196184	Thiofanox .....	1*	4	P045	B	100 (45.4)
2-Butenal .....	123739	Crotonaldehyde .....	100	1,4	U053	B	100 (45.4)
.....	4170303	.....					
2-Butene, 1,4-dichloro- .....	764410	1,4-Dichloro-2-butene .....	1*	4	U074	X	1 (0.454)
2-Butenoic acid, 2-methyl-, 7[[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy]methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl] ester, [1S-[1alpha(Z),7(2S*,3R*),7aalpha]]-	303344	Lasiocarpine .....	1*	4	U143	A	10 (4.54)
Butyl acetate .....	123864	.....	5000	1		D	5000 (2270)
iso-Butyl acetate .....	110190	.....					
sec-Butyl acetate .....	105464	.....					



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

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

Hazardous substance	CASRN	Regulatory synonyms	Statutory			Final RQ	
			RQ	Code †	RCRA waste Number	Cat-egory	Pounds (Kg)
tert-Butyl acetate .....	540885						
n-Butyl alcohol .....	71363	1-Butanol .....	1*	4	U031	D	5000 (2270)
Butylamine .....	109739	.....	1000	1		C	1000 (454)
iso-Butylamine .....	78819						
sec-Butylamine .....	513495						
	13952846						
tert-Butylamine .....	75649						
Butyl benzyl phthalate .....	85687	.....	1*	2		B	100 (45.4)
η-Butyl phthalate .....	84742	1,2-Benzenedicarboxylic acid, dibutyl ester .....	100	1,2,3,4	U069	A	10 (4.54)
		Dibutyl phthalate					
		Di-n-butyl phthalate					
Butyric acid .....	107926	.....	5000	1		D	5000 (2270)
iso-Butyric acid .....	79312						
Cacodylic acid .....	75605	Arsinic acid, dimethyl- .....	1*	4	U136	X	1 (0.454)
Cadmium ‡ .....	7440439	.....	1*	2		A	10 (4.54)
Cadmium acetate .....	543908	.....	100	1		A	10 (4.54)
CADMIUM AND COMPOUNDS .....	N.A.	Cadmium Compounds .....	1*	2,3			**
Cadmium Compounds .....	N.A.	CADMIUM AND COMPOUNDS .....	1*	2,3			**
Cadmium bromide .....	7789426	.....	100	1		A	10 (4.54)
Cadmium chloride .....	10108642	.....	100	1		A	10 (4.54)
Calcium arsenate .....	7778441	.....	1000	1		X	1 (0.454)
Calcium arsenite .....	52740166	.....	1000	1		X	1 (0.454)
Calcium carbide .....	75207	.....	5000	1		A	10 (4.54)
Calcium chromate .....	13765190	Chromic acid H <sub>2</sub> CrO <sub>4</sub> , calcium salt .....	1000	1,4	U032	A	10 (4.54)
Calcium cyanamide .....	156627	.....	1*	3		C	1000 (454)
Calcium cyanide .....	592018	Calcium cyanide Ca(CN) <sub>2</sub> .....	10	1,4	P021	A	10 (4.54)
Calcium cyanide Ca(CN) <sub>2</sub> .....	592018	Calcium cyanide .....	10	1,4	P021	A	10 (4.54)
Calcium dodecylbenzenesulfonate .....	26264062	.....	1000	1		C	1000 (454)
Calcium hypochlorite .....	7778543	.....	100	1		A	10 (4.54)
Camphene, octachloro- .....	8001352	Chlorinated camphene .....	1	1,2,3,4	P123	X	1 (0.454)
		Toxaphene					
Captan .....	133062	.....	10	1,3		A	10 (4.54)
Carbamic acid, [1-[(butylamino)carbonyl]-1H-benzimidazol-2-yl, methyl ester (Benomyl) .....	17804352	.....	1*	4	U271		##
Carbamic acid, 1H-benzimidazol-2-yl, methyl ester (Carbendazim) .....	10605217	.....	1*	4	U372		##
Carbamic acid, (3-chlorophenyl)-, 4-chloro-2-butynyl ester (Barban) .....	101279	.....	1*	4	U280		##
Carbamic acid, [(dibutylamino)thio]methyl-, 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ester (Carbosulfan) .....	55285148	.....	1*	4	P189		##
Carbamic acid, dimethyl-, 1- [(dimethylamino)carbonyl]-5-methyl-1H-pyrazol-3-yl ester (Dimetilan) .....	644644	.....	1*	4	P191		##

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Carbamic acid, dimethyl-, 3-methyl-1-(1-methylethyl)-1H-pyrazol-5-yl ester (Isolan) .....	119380	.....	1*	4	P192		##
Carbamic acid, ethyl ester .....	51796	Ethyl carbamate .....	1*	3,4	U238	B	100 (45.4)
		Urethane .....					
Carbamic acid, methylnitroso-, ethyl ester .....	615532	N-Nitroso-N-methylurethane .....	1*	4	U178	X	1 (0.454)
Carbamic acid, methyl-, 3-methylphenyl ester (Metolcarb) .....	1129415	.....	1*	4	P190		##
Carbamic acid, [1,2- phenylenebis(iminocarbonothioyl)]bis-, dimethyl ester (Thiophanate-methyl) .....	23564058	.....	1*	4	U409		##
Carbamic acid, phenyl-, 1-methylethyl ester (Propham) .....	122429	.....	1*	4	U373		##
Carbamic chloride, dimethyl- .....	79447	Dimethylcarbamoyl chloride .....	1*	3,4	U097	X	1 (0.454)
Carbamodithioic acid, 1,2-ethanediybis, salts & esters .....	111546	Ethylenebisdithiocarbamic acid, salts & esters ..	1*	4	U114	D	5000 (2270)
Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester .....	2303164	Diallate .....	1*	4	U062	B	100 (45.4)
Carbamothioic acid, bis(1-methylethyl)-, S-(2,3,3-trichloro-2-propenyl) ester (Triallate) .....	2303175	.....	1*	4	U389		##
Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester (Prosulfocarb) .....	52888809	.....	1*	4	U387		##
Carbaryl .....	63252	.....	100	1,3		B	100 (45.4)
Carbofuran .....	1563662	.....	10	1		A	10 (4.54)
Carbon disulfide .....	75150	.....	5000	1,3,4	P022	B	100 (45.4)
Carbon oxyfluoride .....	353504	Carbonic difluoride .....	1*	4	U033	C	1000 (454)
Carbonic acid, dithallium(1+) salt .....	6533739	Thallium(I) carbonate .....	1*	4	U215	B	100 (45.4)
Carbonic dichloride .....	75445	Phosgene .....	5000	1,3,4	P095	A	10 (4.54)
Carbonic difluoride .....	353504	Carbon oxyfluoride .....	1*	4	U033	C	1000 (454)
Carbonochloridic acid, methyl ester .....	79221	Methyl chlorocarbonate .....	1*	4	U156	C	1000 (454)
		Methyl chloroformate .....					
Carbon tetrachloride .....	56235	Methane, tetrachloro- .....	5000	1,2,3,4	U211	A	10 (4.54)
Carbonyl sulfide .....	463581	.....	1*	3		B	100 (45.4)
Catechol .....	120809	.....	1*	3		B	100 (45.4)
Chloral .....	75876	Acetaldehyde, trichloro- .....	1*	4	U034	D	5000 (2270)
Chloramben .....	133904	.....	1*	3		B	100 (45.4)
Chlorambucil .....	305033	Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]- .....	1*	4	U035	A	10 (4.54)
Chlordane .....	57749	Chlordane, alpha & gamma isomers .....	1	1,2,3,4	U036	X	1 (0.454)
		CHLORDANE (TECHNICAL MIXTURE AND METABOLITES) .....					
		4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro- .....	1*	2			**
CHLORDANE (TECHNICAL MIXTURE AND METABOLITES) .....	N.A.	.....	1*	2			**
Chlordane, alpha & gamma isomers .....	57749	Chlordane .....	1	1,2,3,4	U036	X	1 (0.454)
		CHLORDANE (TECHNICAL MIXTURE AND METABOLITES) .....					
		4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro- .....					
CHLORDANE (TECHNICAL MIXTURE AND METABOLITES) .....	57749	Chlordane, alpha & gamma isomers .....	1	1,2,3,4	U036	X	1 (0.454)
		Chlordane, alpha & gamma isomers .....					
		4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro- .....					
CHLORINATED BENZENES .....	N.A.	.....	1*	2			**
Chlorinated camphene .....	8001352	Camphene, octachloro- .....	1	1,2,3,4	P123	X	1 (0.454)
		Toxaphene .....					

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

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

Hazardous substance	CASRN	Regulatory synonyms	Statutory			Final RQ	
			RQ	Code †	RCRA waste Number	Cat-egory	Pounds (Kg)
CHLORINATED ETHANES .....	N.A.	.....	1*	2			**
CHLORINATED NAPHTHALENE .....	N.A.	.....	1*	2			**
CHLORINATED PHENOLS .....	N.A.	.....	1*	2			**
Chlorine .....	7782505	.....	10	1,3		A	10 (4.54)
Chlornaphazine .....	494031	Naphthalenamine, N,N'-bis(2-chloroethyl)- .....	1*	4	U026	B	100 (45.4)
Chloroacetaldehyde .....	107200	Acetaldehyde, chloro- .....	1*	4	P023	C	1000 (454)
Chloroacetic acid .....	79118	.....	1*	3		B	100 (45.4)
2-Chloroacetophenone .....	532274	.....	1*	3		B	100 (45.4)
CHLOROALKYL ETHERS .....	N.A.	.....	1*	2			**
p-Chloroaniline .....	106478	Benzenamine, 4-chloro- .....	1*	4	P024	C	1000 (454)
Chlorobenzene .....	108907	Benzene, chloro- .....	100	1,2,3,4	U037	B	100 (45.4)
Chlorobenzilate .....	510156	Benzeneacetic acid, 4-chloro- $\alpha$ -(4-chlorophenyl)- $\alpha$ -hydroxy-, ethyl ester. ....	1*	3,4	U038	A	10 (4.54)
4-Chloro-m-cresol .....	59507	p-Chloro-m-cresol .....	1*	2,4	U039	D	5000 (2270)
p-Chloro-m-cresol .....	59507	Phenol, 4-chloro-3-methyl- .....	1*	2,4	U039	D	5000 (2270)
Chloroethane .....	75003	Ethyl chloride .....	1*	2,3		B	100 (45.4)
Chlorodibromomethane .....	124481	.....	1*	2		B	100 (45.4)
1-Chloro-2,3-epoxypropane .....	106898	Epichlorohydrin .....	1000	1,3,4	U041	B	100 (45.4)
2-Chloroethyl vinyl ether .....	110758	Oxirane, (chloromethyl)- .....	1*	2,4	U042	C	1000 (454)
Chloroform .....	67663	Ethene, 2-chloroethoxy- .....	5000	1,2,3,4	U044	A	10 (4.54)
Chloromethane .....	74873	Methane, trichloro- .....	1*	2,3,4	U045	B	100 (45.4)
Chloromethyl methyl ether .....	107302	Methane, chloro- .....	1*	3,4	U046	A	10 (4.54)
beta-Chloronaphthalene .....	91587	Naphthalene, 2-chloro- .....	1*	2,4	U047	D	5000 (2270)
2-Chloronaphthalene .....	91587	2-Chloronaphthalene .....	1*	2,4	U047	D	5000 (2270)
2-Chlorophenol .....	95578	beta-Chloronaphthalene .....	1*	2,4	U047	D	5000 (2270)
o-Chlorophenol .....	95578	Naphthalene, 2-chloro- .....	1*	2,4	U048	B	100 (45.4)
4-Chlorophenyl phenyl ether .....	7005723	o-Chlorophenol .....	1*	2,4	U048	B	100 (45.4)
1-(o-Chlorophenyl)thiourea .....	5344821	Phenol, 2-chloro- .....	1*	2,4	U048	B	100 (45.4)
Chloroprene .....	126998	2-Chlorophenol .....	1*	2,4	U048	B	100 (45.4)
3-Chloropropionitrile .....	542767	2-Chlorophenol .....	1*	2,4	U048	B	100 (45.4)
Chlorosulfonic acid .....	7790945	2-Chlorophenol .....	1000	1		C	1000 (454)
4-Chloro-o-toluidine, hydrochloride .....	3165933	Propanenitrile, 3-chloro- .....	1*	4	P027	C	1000 (454)
		Chlorosulfonic acid .....	1000	1		C	1000 (454)
		4-Chloro-o-toluidine, hydrochloride .....	1*	4	U049	B	100 (45.4)

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Chlorpyrifos .....	2921882 .....	.....	1	1		X	1 (0.454)
Chromic acetate .....	1066304 .....	.....	1000	1		C	1000 (454)
Chromic acid .....	11115745 .....	.....	1000	1		A	10 (4.54)
	7738945 .....	.....					
Chromic acid H <sub>2</sub> CrO <sub>4</sub> , calcium salt .....	13765190 .....	Calcium chromate .....	1000	1,4	U032	A	10 (4.54)
Chromic sulfate .....	10101538 .....	.....	1000	1		C	1000 (454)
Chromium † .....	7440473 .....	.....	1*	2		D	5000 (2270)
CHROMIUM AND COMPOUNDS .....	N.A. Chromium Compounds .....	.....	1*	2,3			**
Chromium Compounds .....	N.A. CHROMIUM AND COMPOUNDS .....	.....	1*	2,3			**
Chromous chloride .....	10049055 .....	.....	1000	1		C	1000 (454)
Chrysene .....	218019 .....	1,2-Benzphenanthrene .....	1*	2,4	U050	B	100 (45.4)
Cobalt compounds .....	N.A. ....	.....	1*	3			**
Cobaltous bromide .....	7789437 .....	.....	1000	1		C	1000 (454)
Cobaltous formate .....	544183 .....	.....	1000	1		C	1000 (454)
Cobaltous sulfamate .....	14017415 .....	.....	1000	1		C	1000 (454)
Coke Oven Emissions .....	N.A. ....	.....	1*	3		X	1 (0.454)
Copper ‡ .....	7440508 .....	.....	1*	2		D	5000 (2270)
COPPER AND COMPOUNDS .....	N.A. ....	.....	1*	2			**
Copper cyanide .....	544923 .....	Copper cyanide CuCN .....	1*	4	P029	A	10 (4.54)
Copper cyanide CuCN .....	544923 .....	Copper cyanide .....	1*	4	P029	A	10 (4.54)
Coumaphos .....	56724 .....	.....	10	1		A	10 (4.54)
Creosote .....	8001589 .....	.....	1*	4	U051	X	1 (0.454)
Cresols (isomers and mixture) .....	1319773 .....	Cresylic acid (isomers and mixture) .....	1000	1,3,4	U052	B	100 (45.4)
		Phenol, methyl					
m-Cresol .....	108394 .....	m-Cresylic acid .....	1*	3		B	100 (45.4)
o-Cresol .....	95487 .....	o-Cresylic acid .....	1*	3		B	100 (45.4)
p-Cresol .....	106445 .....	p-Cresylic acid .....	1*	3		B	100 (45.4)
Cresylic acid (isomers and mixture) .....	1319773 .....	Cresols (isomers and mixture) .....	1000	1,3,4	U052	B	100 (45.4)
		Phenol, methyl					
m-Cresylic acid .....	108394 .....	m-Cresol .....	1*	3		B	100 (45.4)
o-Cresylic acid .....	95487 .....	o-Cresol .....	1*	3		B	100 (45.4)
p-Cresylic acid .....	106445 .....	p-Cresol .....	1*	3		B	100 (45.4)
Crotonaldehyde .....	123739 .....	2-Butenal .....	100	1,4	U053	B	100 (45.4)
	4170303 .....	.....					
Cumene .....	98828 .....	Benzene, (1-methylethyl)- .....	1*	3,4	U055	D	5000 (2270)
Cupric acetate .....	142712 .....	.....	100	1		B	100 (45.4)
Cupric acetoarsenite .....	12002038 .....	.....	100	1		X	1 (0.454)
Cupric chloride .....	7447394 .....	.....	10	1		A	10 (4.54)
Cupric nitrate .....	3251238 .....	.....	100	1		B	100 (45.4)
Cupric oxalate .....	5893663 .....	.....	100	1		B	100 (45.4)
Cupric sulfate .....	7758987 .....	.....	10	1		A	10 (4.54)
Cupric sulfate, ammoniated .....	10380297 .....	.....	100	1		B	100 (45.4)
Cupric tartrate .....	815827 .....	.....	100	1		B	100 (45.4)
Cyanide Compounds .....	N.A. CYANIDES .....	.....	1*	2,3			**
CYANIDES .....	N.A. Cyanide Compounds .....	.....	1*	2,3			**
Cyanides (soluble salts and complexes) not otherwise specified .....	57125 .....	.....	1*	4	P030	A	10 (4.54)
Cyanogen .....	460195 .....	Ethanedinitrile .....	1*	4	P031	B	100 (45.4)
Cyanogen bromide .....	506683 .....	Cyanogen bromide (CN)Br .....	1*	4	U246	C	1000 (454)
Cyanogen bromide (CN)Br .....	506683 .....	Cyanogen bromide .....	1*	4	U246	C	1000 (454)
Cyanogen chloride .....	506774 .....	Cyanogen chloride (CN)Cl .....	10	1,4	P033	A	10 (4.54)

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

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

Hazardous substance	CASRN	Regulatory synonyms	Statutory			Final RQ	
			RQ	Code †	RCRA waste Number	Cat-egory	Pounds (Kg)
Cyanogen chloride (CN)Cl .....	506774	Cyanogen chloride .....	10	1,4	P033	A	10 (4.54)
2,5-Cyclohexadiene-1,4-dione .....	106514	p-Benzoquinone .....	1*	3,4	U197	A	10 (4.54)
Cyclohexane .....	110827	Quinone .....					
Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1 $\alpha$ ,2 $\alpha$ ,3 $\beta$ ,4 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )- .....	58899	Benzene, hexahydro- .....	1000	1,4	U056	C	1000 (454)
		$\gamma$ -BHC .....	1	1,2,3,4	U129	X	1 (0.454)
		Hexachlorocyclohexane (gamma isomer)					
		Lindane					
		Lindane (all isomers)					
Cyclohexanone .....	108941		1*	4	U057	D	5000 (2270)
2-Cyclohexyl-4,6-dinitrophenol .....	131895	Phenol, 2-cyclohexyl-4,6-dinitro- .....	1*	4	P034	B	100 (45.4)
1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro- .....	77474	Hexachlorocyclopentadiene .....	1	1,2,3,4	U130	A	10 (4.54)
Cyclophosphamide .....	50180	2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-,2-oxide	1*	4	U058	A	10 (4.54)
2,4-D Acid .....	94757	Acetic acid, (2,4-dichlorophenoxy)-, salts & esters.	100	1,3,4	U240	B	100 (45.4)
		2,4-D, salts and esters					
2,4-D Ester .....	94111		100	1		B	100 (45.4)
	94791						
	94804						
	1320189						
	1928387						
	1928616						
	1929733						
	2971382						
	25168267						
	53467111						
2,4-D salts and esters .....	94757	Acetic acid, (2,4-dichlorophenoxy)-, salts & esters.	100	1,3,4	U240	B	100 (45.4)
		2,4-D Acid					
Daunomycin .....	20830813	5,12-Naphthacenedione, 8-acetyl-10-[3-amino-2,3,6- triideoxy-alpha-L-lyxo-hexopyranosyl]oxy]-7,8,9,10- tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-	1*	4	U059	A	10 (4.54)
DDD .....	72548	Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro- TDE	1	1,2,4	U060	X	1 (0.454)
		4,4' DDD					
4,4' DDD .....	72548	Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro- DDD TDE	1	1,2,4	U060	X	1 (0.454)

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DDE	72559	4,4'-DDE	1*	2,3		X	1 (0.454)
4,4'-DDE	72559	DDE	1*	2,3		X	1 (0.454)
DDE <sup>sp</sup>	3547044		1*	3		D	5000 (2270)
DDT	50293	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro-4,4'-DDT	1	1,2,4	U061	X	1 (0.454)
4,4'-DDT	50293	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro-4,4'-DDT	1	1,2,4	U061	X	1 (0.454)
DDT AND METABOLITES	N.A.		1*	2			**
DEHP	117817	1,2-Benzenedicarboxylic acid, bis(2-ethyl-hexyl) ester.	1*	2,3,4	U028	B	100 (45.4)
		Bis(2-ethylhexyl)phthalate					
		Diethylhexyl phthalate					
Diallate	2303164	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester.	1*	4	U062	B	100 (45.4)
Diazinon	333415		1	1		X	1 (0.454)
Diazomethane	334883		1*	3		B	100 (45.4)
Dibenz[a,h]anthracene	53703	Dibenzo[a,h]anthracene	1*	2,4	U063	X	1 (0.454)
		1,2:5,6-Dibenzanthracene					
1,2:5,6-Dibenzanthracene	53703	Dibenzo[a,h]anthracene	1*	2,4	U063	X	1 (0.454)
		Dibenzo[a,h]anthracene					
Dibenzo[a,h]anthracene	53703	Dibenzo[a,h]anthracene	1*	2,4	U063	X	1 (0.454)
		,2:5,6-Dibenzanthracene					
Dibenz[a,i]pyrene	189559	Benzo[ <i>rst</i> ]pentaphene	1*	4	U064	A	10 (4.54)
Dibenzofuran	132649		1*	3		B	100 (45.4)
1,2-Dibromo-3-chloropropane	96128	Propane, 1,2-dibromo-3-chloro-	1*	3,4	U066	X	1 (0.454)
Dibromoethane	106934	Ethane, 1,2-dibromo-	1000	1,3,4	U067	X	1 (0.454)
		Ethylene dibromide					
Dibutyl phthalate	84742	1,2-Benzenedicarboxylic acid, dibutyl ester	100	1,2,3,4	U069	A	10 (4.54)
		n-Butyl phthalate					
		Di-n-butyl phthalate					
Di-n-butyl phthalate	84742	1,2-Benzenedicarboxylic acid, dibutyl ester	100	1,2,3,4	U069	A	10 (4.54)
		n-Butyl phthalate					
		Dibutyl phthalate					
Dicamba	1918009		1000	1		C	1000 (454)
Dichlobenil	1194656		1000	1		B	100 (45.4)
Dichlone	117806		1	1		X	1 (0.454)
Dichlorobenzene	25321226		100	1		B	100 (45.4)
1,2-Dichlorobenzene	95501	Benzene, 1,2-dichloro- o-Dichlorobenzene	100	1,2,4	U070	B	100 (45.4)
1,3-Dichlorobenzene	541731	Benzene, 1,3-dichloro m-Dichlorobenzene	1*	2,4	U071	B	100 (45.4)
1,4-Dichlorobenzene	106467	Benzene, 1,4-dichloro- p-Dichlorobenzene	100	1,2,3,4	U072	B	100 (45.4)
m-Dichlorobenzene	541731	Benzene, 1,3-dichloro 1,3-Dichlorobenzene	1*	2,4	U071	B	100 (45.4)
o-Dichlorobenzene	95501	Benzene, 1,2-dichloro 1,2-Dichlorobenzene	100	1,2,4	U070	B	100 (45.4)
p-Dichlorobenzene	106467	Benzene, 1,4-dichloro- 1,4-Dichlorobenzene	100	1,2,3,4	U072	B	100 (45.4)
DICHLOROBENZIDINE	N.A.		1*	2			**
3,3'-Dichlorobenzidine	91941	[1,1'-Biphenyl]-4,4'-diamine,3,3'-dichloro-	*	2,3,4	U073	X	1 (0.454)
Dichlorobromomethane	75274		1*	2		D	5000 (2270)

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

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

Hazardous substance	CASRN	Regulatory synonyms	Statutory			Final RQ	
			RQ	Code †	RCRA waste Number	Cat-egory	Pounds (Kg)
1,4-Dichloro-2-butene .....	764410	2-Butene, 1,4-dichloro- .....	1*	4	U074	X	1 (0.454)
Dichlorodifluoromethane .....	75718	Methane, dichlorodifluoro- .....	1*	4	U075	D	5000 (2270)
1,1-Dichloroethane .....	75343	Ethane, 1,1-dichloro- .....	1*	2,3,4	U076	C	1000 (454)
		Ethylidene dichloride					
1,2-Dichloroethane .....	107062	Ethane, 1,2-dichloro- .....	5000	1,2,3,4	U077	B	100 (45.4)
		Ethylene dichloride					
1,1-Dichloroethylene .....	75354	Ethene, 1,1-dichloro- .....	5000	1,2,3,4	U078	B	100 (45.4)
		Vinylidene chloride					
1,2-Dichloroethylene .....	156605	Ethene, 1,2-dichloro- (E) .....	1*	2,4	U079	C	1000 (454)
Dichloroethyl ether .....	111444	Bis(2-chloroethyl) ether .....	1*	2,3,4	U025	A	10 (4.54)
		Ethane, 1,1'-oxybis[2-chloro-					
Dichloroisopropyl ether .....	108601	Propane, 2,2'-oxybis[2-chloro- .....	1*	2,4	U027	C	1000 (454)
Dichloromethane .....	75092	Methane, dichoro- .....	1*	2,3,4	U080	C	1000 (454)
		Methylene chloride					
Dichloromethoxy ethane .....	111911	Bis(2-chloroethoxy) methane .....	1*	2,4	U024	C	1000 (454)
		Ethane, 1,1'-[methylenebis(oxy)]bis(2-chloro-					
Dichloromethyl ether .....	542881	Bis(chloromethyl) ether .....	1*	3,4	P016	A	10 (4.54)
		Methane, oxybis(chloro-					
2,4-Dichlorophenol .....	120832	Phenol, 2,4-dichloro- .....	1*	2,4	U081	B	100 (45.4)
2,6-Dichlorophenol .....	87650	Phenol, 2,6-dichloro- .....	1*	4	U082	B	100(45.4)
Dichlorophenylarsine .....	696286	Arsonous dichloride, phenyl- .....	1*	4	P036	X	1 (0.454)
Dichloropropane .....	26638197	.....	5000	1		C	1000 (454)
1,1-Dichloropropane .....	78999	.....					
1,3-Dichloropropane .....	142289	.....					
1,2-Dichloropropane .....	78875	Propane, 1,2-dichloro- .....	5000	1,2,3,4,	U083	C	1000 (454)
		Propylene dichloride					
Dichloropropane—Dichloropropene (mixture)	8003198	.....	5000	1		B	100 (45.4)
Dichloropropene .....	26952238	.....	5000	1		B	100 (45.4)
2,3-Dichloropropene .....	78886	.....					
1,3-Dichloropropene .....	542756	1-Propene, 1,3-dichloro- .....	5000	1,2,3,4	U084	B	100 (45.4)
2,2-Dichloropropionic acid .....	75990	.....	5000	1		D	5000 (2270)
Dichlorvos .....	62737	.....	10	1,3		A	10 (4.54)
Dicofol .....	115322	.....	5000	1		A	10 (4.54)
Dieldrin .....	60571	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a- octahydro-, (1aalpha,2beta,2aalpha,3beta,6beta, 6aalpha,7beta, 7aalpha)- .....	1	1,2,4	P037	X	1 (0.454)
1,2:3,4-Diepoxybutane .....	1464535	2,2'-Bioxirane .....	1*	4	U085	A	10 (4.54)
Diethanolamine .....	111422	.....	1*	3		B	100 (45.4)
Diethylamine .....	109897	.....	1000	1		B	100 (454.4)

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N,N-Diethylaniline	91667		1*	3		C	1000 (454)
Diethylarsine	692422	Arsine, diethyl-	1*	4	P038	X	1 (0.454)
1,4-Diethylenedioxiide	123911	1,4-Dioxane	1*	3,4	U108	B	100 (45.4)
		1,4-Diethyleneoxide					
1,4-Diethyleneoxide	123911	1,4-Dioxane	1*	3,4	U108	B	100 (45.4)
		1,4-Diethylenedioxiide					
Diethylhexyl phthalate	117817	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester.	1*	2,3,4	U028	B	100 (45.4)
		Bis(2-ethylhexyl)phthalate DEHP					
N,N'-Diethylhydrazine	1615801	Hydrazine, 1,2-diethyl-	1*	4	U086	A	10 (4.54)
O,O-Diethyl S-methyl dithiophosphate	3288582	Phosphorodithioic acid, O,O-diethyl S-methyl ester.	1*	4	U087	D	5000 (2270)
		Phosphoric acid, diethyl 4-nitrophenyl ester	1*	4	P041	B	100 (45.4)
Diethyl p-nitrophenyl phosphate	311455	1,2-Benzenedicarboxylic acid, diethyl ester	1*	2,4	U088	C	1000 (454)
Diethyl phthalate	84662	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester.	1*	4	P040	B	100 (45.4)
O,O-Diethyl O-pyrazinyl phosphorothioate	297972	Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E)	1*	4	U089	X	1 (0.454)
			1*	3		A	10 (4.54)
Diethylstilbestrol	56531	1,3-Benzodioxole, 5-propyl-	1*	4	U090	A	10 (4.54)
Diethyl sulfate	64675	Phosphorofluoric acid, bis(1-methylethyl) ester.	1*	4	P043	B	100 (45.4)
Dihydrosafrole	94586	Aldrin	1	1,2,4	P004	X	1 (0.454)
Diisopropylfluorophosphate	55914	Isodrin	1*	4	P060	X	1 (0.454)
		Dieldrin	1	1,2,4	P037	X	1 (0.454)
1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4abeta,5alpha,8alpha,8abeta)-1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4abeta,5abeta,8beta,8abeta)-2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha,2beta,2aalpha,3beta,6beta,6aalpha,7beta,7aalpha)-2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octa-hydro-, (1aalpha,2beta,2abeta,3alpha,6alpha,6abeta,7beta,7aalpha)-Dimethoate	309002	Phosphorodithioic acid, O,O-dimethyl S-[2(methylamino)-2-oxoethyl] ester.	1*	4	P044	A	10 (4.54)
		[1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethoxy-	1*	3,4	U091	B	100 (45.4)
3,3'-Dimethoxybenzidine	119904	Methanamine, N-methyl-	1000	1,4	U092	C	1000 (454)
		Benzenamine, N,N-dimethyl-4-(phenylazo)-	1*	3,4	U093	A	10 (4.54)
Dimethylamine	124403	P-Dimethylaminoazobenzene					
Dimethyl aminoazobenzene	60117	Benzenamine, N,N-dimethyl-4-(phenylazo)-	1*	3,4	U093	A	10 (4.54)
		Dimethyl aminoazobenzene					
p-Dimethylaminoazobenzene	60117	Benz[a]anthracene, 7,12-dimethyl-	1*	3		B	100 (45.4)
		[1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethyl-	1*	4	U094	X	1 (0.454)
N,N-Dimethylaniline	121697	Hydroperoxide, 1-methyl-1-phenylethyl-	1*	3,4	U095	A	10 (4.54)
7,12-Dimethylbenz[a]anthracene	57976	Carbamic chloride, dimethyl-	1*	4	U096	A	10 (4.54)
3,3'-Dimethylbenzidine	119937		1*	3,4	U097	X	1 (0.454)
alpha,alpha-Dimethylbenzylhydroperoxide	80159	Hydrazine, 1,1-dimethyl-	1*	3		B	100 (45.4)
Dimethylcarbamoyl chloride	79447	Hydrazine, 1,2-dimethyl-	1*	3,4	U098	A	10 (4.54)
		Benzeneethanamine, alpha,alpha-dimethyl-	1*	4	P046	D	5000 (2270)
Dimethylformamide	68122	Phenol, 2,4-dimethyl-	1*	2,4	U101	B	100 (45.4)
1,1-Dimethylhydrazine	57147						
1,2-Dimethylhydrazine	540738						
alpha,alpha-Dimethylphenethylamine	122098						
2,4-Dimethylphenol	105679						



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

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

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

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alpha - Endosulfan .....	959988 .....	1*	2			X		1 (0.454)
beta - Endosulfan .....	33213659 .....	1*	2			X		1 (0.454)
ENDOSALFAN AND METABOLITES .....	N.A. ....	1*	2					**
Endosulfan sulfate .....	1031078 .....	1*	2			X		1 (0.454)
Endothall .....	145733 .....	1*	4	P088		C		1000 (454)
Endrin .....	72208 .....	1	1,2,4	P051		X		1 (0.454)
	Endrin, & metabolites 2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9 -hexachloro-1a,2,2a,3, 6,6a,7,7a-octa-hydro-, (1aalpha, 2beta,2abeta,3alpha,6alpha, 6abeta,7beta, 7aalpha)-							
Endrin aldehyde .....	7421934 .....	1*	2			X		1 (0.454)
ENDRIN AND METABOLITES .....	N.A. ....	1*	2					**
Endrin, & metabolites .....	72208 .....	1	1,2,4	P051		X		1 (0.454)
	Endrin 2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3, 6,6a,7,7a-octa-hydro-, (1aalpha, 2beta,2abeta,3alpha,6alpha, 6abeta,7beta, 7aalpha)-							
Epichlorohydrin .....	106898 .....	1000	1,3,4	U041		B		100(45.4)
	1-Chloro-2,3-epoxypropane .....							
	Oxirane, (chloromethyl)-							
Epinephrine .....	51434 .....	1*	4	P042		C		1000 (454)
	1,2-Benzenediol,4-[1-hydroxy-2- (methylamino)ethyl]-							
1,2-Epoxybutane .....	106887 .....	1*	3			B		100 (45.4)
Ethanal .....	75070 .....	1000	1,3,4	U001		C		1000(454)
Ethanamine, N-ethyl-N-nitroso- .....	55185 .....	1*	4	U174		X		1 (0.454)
1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)- .....	91805 .....	1*	4	U155		D		5000 (2270)
Ethane, 1,2-dibromo .....	106934 .....	1000	1,3,4	U067		X		1(0.454)
	Dibromoethane .....							
	Ethylene dibromide							
Ethane, 1,1-dichloro .....	75343 .....	1*	2,3,4	U076		C		1000(454)
	1,1-Dichloroethane .....							
	Ethylidene dichloride							
Ethane, 1,2-dichloro .....	107062 .....	5000	1,2,3,4	U077		B		100(45.4)
	1,2-Dichloroethane .....							
	Ethylene dichloride							
Ethanedinitrile .....	460195 .....	1*	4	P031		B		100 (45.4)
Ethane, hexachloro- .....	67721 .....	1*	2,3,4	U131		B		100(45.4)
Ethane, 1,1'-[methylenebis(oxy)]bis(2-chloro- .....	111911 .....	1*	2,4	U024		C		1000 (454)
	Bis(2-chloroethoxy) methane .....							
	Dichloromethoxy ethane							
Ethane, 1,1'-oxybis- .....	60297 .....	1*	4	U117		B		100 (45.4)
Ethane, 1,1'-oxybis[2-chloro- .....	111444 .....	1*	2,3,4	U025		A		10(4.54)
	Bis(2-chloroethyl) ether .....							
	Dichloroethyl ether							
Ethane, pentachloro- .....	76017 .....	1*	4	U184		A		10 (4.54)
Ethane, 1,1,1,2-tetrachloro- .....	630206 .....	1*	4	U208		B		100 (45.4)
Ethane, 1,1,2,2-tetrachloro- .....	79345 .....	1*	2,3,4	U209		B		100(45.4)
	1,1,2,2-Tetra- chloroethane							
Ethanethioamide .....	62555 .....	1*	4	U218		A		10 (4.54)
Ethane, 1,1,1-trichloro- .....	71556 .....	1*	2,3,4	U226		C		1000(454)
	Methyl chloroform .....							
	1,1,1-Trichloroethane							
Ethane, 1,1,2-trichloro- .....	79005 .....	1*	2,3,4	U227		B		100(45.4)
	1,1,2-Trichloroethane .....							

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

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

Hazardous substance	CASRN	Regulatory synonyms	Statutory			Final RQ	
			RQ	Code †	RCRA waste Number	Cat-egory	Pounds (Kg)
Ethanimidothioci acid, 2-(dimethylamino-N-hydroxy-2-oxo-, methyl ester (A2213).	30558431	.....	1*	4	U394		##
Ethanimidothioci acid, 2-(dimethylamino)-N-[[[(methylamino)carbonyl]oxy]-2-oxo-, methyl ester (Oxamyl).	23135220	.....	1*	4	P194		##
Ethanimidothioci acid, N-[[[(methyl- amino)carbonyl]oxy]-, methyl ester	16752775	Methomyl .....	1*	4	P066	B	100 (45.4)
Ethanimidothioci acid, N,N'- [thiobis[(methylimino)carbonyloxy]]bis-, dimethyl ester (Thiodicarb).	59669260	.....	1*	4	U410		##
Ethanol, 2-ethoxy- .....	110805	Ethylene glycol monoethyl ether .....	1*	4	U359	C	1000 (454)
Ethanol, 2,2'-(nitrosoimino)bis- .....	1116547	N-Nitrosodiethanolamine .....	1*	4	U173	X	1 (0.454)
Ethanol, 2,2'-oxybis-, dicarbamate (Diethylene glycol, dicarbamate) .....	5952261	.....	1*	4	U395		##
Ethanone, 1-phenyl- .....	98862	Acetophenone .....	1*	3,4	U004	D	5000(2270)
Ethene, chloro- .....	75014	Vinyl chloride .....	1*	2,3,4	U043	X	1 (0.454)
Ethene, 2-chloroethoxy- .....	110758	2-Chloroethyl vinyl ether .....	1*	2,4	U042	C	1000 (454)
Ethene, 1,1-dichloro- .....	75354	1,1-Dichloroethylene .....	5000	1,2,3,4	U078	B	100(45.4)
		Vinylidene chloride .....					
Ethene, 1,2-dichloro- (E) .....	156605	1,2-Dichloroethylene .....	1*	2,4	U079	C	1000 (454)
Ethene, tetrachloro- .....	127184	Perchloroethylene .....	1*	2,3,4	U210	B	100(45.4)
		Tetrachloroethene .....					
		Tetrachloroethylene .....					
Ethene, trichloro- .....	79016	Trichloroethene .....	1000	1,2,3,4	U228	B	100(45.4)
		Trichloroethylene .....					
Ethion .....	563122	.....	10	1		A	10 (4.54)
Ethyl acetate .....	141786	Acetic acid, ethyl ester .....	1*	4	U112	D	5000 (2270)
Ethyl acrylate .....	140885	2-Propenoic acid, ethyl ester .....	1*	3,4	U113	C	1000(454)
Ethylbenzene .....	100414	.....	1000	1,2,3		C	1000(454)
Ethyl carbamate .....	51796	Carbamic acid, ethyl ester .....	1*	3,4	U238	B	100(45.4)
		Urethane .....					
Ethyl chloride .....	75003	Chloroethane .....	1*	2,3		B	100(45.4)
Ethyl cyanide .....	107120	Propanenitrile .....	1*	4	P101	A	10 (4.54)
Ethylenebisdithiocarbamic acid, salts & esters	111546	Carbamodithioic acid, 1,2-ethanedylbis, salts & esters.	1*	4	U114	D	5000 (2270)
		.....	1000	1		D	5000 (2270)
Ethylenediamine .....	107153	.....	5000	1		D	5000 (2270)
Ethylenediamine-tetraacetic acid (EDTA) .....	60004	.....	1000	1,3,4	U067	X	1(0.454)
Ethylene dibromide .....	106934	Dibromoethane .....					
		Ethane, 1,2-dibromo- .....					
Ethylene dichloride .....	107062	1,2-Dichloroethane .....	5000	1,2,3,4	U077	B	100(45.4)
		Ethane, 1,2-dichloro- .....					
Ethylene glycol .....	107211	.....	1*	3		D	5000 (2270)
Ethylene glycol monoethyl ether .....	110805	Ethanol, 2-ethoxy- .....	1*	4	U359	C	1000 (454)
Ethyleneimine .....	151564	Aziridine .....	1*	3,4	P054	X	1(0.454)
Ethylene oxide .....	75218	Oxirane .....	1*	3,4	U115	A	10(4.54)

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Ethylenethiourea .....	96457	2-Imidazolidinethione .....	1*	3,4	U116	A	10(4.54)
Ethyl ether .....	60297	Ethane, 1,1'-oxybis- .....	1*	4	U117	B	100 (45.4)
Ethylidene dichloride .....	75343	1,1-Dichloroethane .....	*	2,3,4	U076	C	1000 (454)
		Ethane, 1,1-dichloro- .....					
Ethyl methacrylate .....	97632	2-Propenoic acid, 2-methyl-, ethyl ester .....	1*	4	U118	C	1000 (454)
Ethyl methanesulfonate .....	62500	Methanesulfonic acid, ethyl ester .....	1*	4	U119	X	1 (0.454)
Famphur .....	52857	Phosphorothioic acid, O,[4-[(di- methylamino) sulfonyl] phenyl] O,O-dimethyl ester. ....	1*	4	P097	C	1000 (454)
Ferric ammonium citrate .....	1185575	.....	1000	1		C	1000 (454)
Ferric ammonium oxalate .....	2944674	.....	1000	1		C	1000 (454)
	55488874	.....					
Ferric chloride .....	7705080	.....	1000	1		C	1000 (454)
Ferric fluoride .....	7783508	.....	100	1		B	100 (45.4)
Ferric nitrate .....	10421484	.....	1000	1		C	1000 (454)
Ferric sulfate .....	10028225	.....	1000	1		C	1000 (454)
Ferrous ammonium sulfate .....	10045893	.....	1000	1		C	1000 (454)
Ferrous chloride .....	7758943	.....	100	1		B	100 (45.4)
Ferrous sulfate .....	7720787	.....	1000	1		C	1000 (454)
	7782630	.....					
Fine mineral fibers <sup>c</sup> .....	N.A.	.....	1*	3			**
Fluoranthene .....	206440	Benzo[ <i>k</i> ]fluorene .....	1*	2,4	U120	B	100 (45.4)
Fluorene .....	86737	.....	1*	2		D	5000 (2270)
Fluorine .....	7782414	.....	1*	4	P056	A	10 (4.54)
Fluoroacetamide .....	640197	Acetamide, 2-fluoro- .....	1*	4	P057	B	100 (45.4)
Fluoroacetic acid, sodium salt .....	62748	Acetic acid, fluoro-, sodium salt .....	1*	4	P058	A	10 (4.54)
Formaldehyde .....	50000	.....	1000	1,3,4	U122	B	100 (45.4)
Formic acid .....	64186	.....	5000	1,4	U123	D	5000 (2270)
Fulminic acid, mercury(2+)salt .....	628864	Mercury fulminate .....	1*	4	P065	A	10 (4.54)
Fumaric acid .....	110178	.....	5000	1		D	5000 (2270)
Furan .....	110009	Furfuran .....	1*	4	U124	B	100 (45.4)
Furan, tetrahydro- .....	109999	Tetrahydrofuran .....	1*	4	U213	C	1000 (454)
2-Furancarboxaldehyde .....	98011	Furfural .....	1000	1,4	U125	D	5000 (2270)
2,5-Furandione .....	108316	Maleic anhydride .....	5000	1,3,4	U147	D	5000 (2270)
Furfural .....	98011	2-Furancarboxaldehyde .....	1000	1,4	U125	D	5000 (2270)
Furfuran .....	110009	Furan .....	1*	4	U124	B	100 (45.4)
Glucopyranose, 2-deoxy-2-(3-methyl-3-nitroso-ureido)- .....	18883664	D-Glucose, 2-deoxy-2-[[methylnitrosoamino)- carbonyl]amino] Streptozotocin. ....	1*	4	U206	X	1 (0.454)
D-Glucose, 2-deoxy-2-[[methylnitrosoamino)- carbonyl]amino]- .....	18883664	Glucopyranose, 2-deoxy-2-(3-methyl-3-nitroso-ureido)-. Streptozotocin .....	1*	4	U206	X	1 (0.454)
Glycidylaldehyde .....	765344	Oxiranecarboxyaldehyde .....	1*	4	U126	A	10 (4.54)
Glycol ethers <sup>d</sup> .....	N.A.	.....	1*	3			**
Guanidine, N-methyl-N'-nitro-N-nitroso- .....	70257	MNNG .....	1*	4	U163	A	10 (4.54)
Guthion .....	86500	.....	1	1		X	1 (0.454)
HALOETHERS .....	N.A.	.....	1*	2			**
HALOMETHANES .....	N.A.	.....	1*	2			**
Heptachlor .....	76448	4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro- .....	1	1,2,3,4	P059	X	1, (0.454)
HEPTACHLOR AND METABOLITES .....	N.A.	.....	1*	2			**
Heptachlor epoxide .....	1024573	.....	1*	2		X	1 (0.454)

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

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

Hazardous substance	CASRN	Regulatory synonyms	Statutory			Final RQ	
			RQ	Code †	RCRA waste Number	Cat-egory	Pounds (Kg)
Hexachlorobenzene	118741	Benzene, hexachloro-	1*	2,3,4	U127	A	10 (4.54)
Hexachlorobutadiene	87683	1,3-Butadiene 1,1,2,3,4,4-hexachloro-	1*	2,3,4	U128	X	1 (0.454)
HEXACHLOROCYCLOHEXANE (all isomers)	608731	.....	1*	2			**
Hexachlorocyclohexane (gamma isomer)	58899	γ-BHC Cyclohexane, 1,2,3,4,5,6- hexachloro- (1α,2α,3β,4α, 5α,6β)- Lindane Lindane (all isomers)	1	1,2,3,4	U129	X	1 (0.454)
Hexachlorocyclopentadiene	77474	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro- ...	1	1,2,3,4	U130	A	10 (4.54)
Hexachloroethane	67721	Ethane, hexachloro-	1*	2,3,4	U131	B	100 (45.4)
Hexachlorophene	70304	Phenol, 2,2'-methylenebis[3,4,6-trichloro-	1*	4	U132	B	100 (45.4)
Hexachloropropene	1888717	1-Propene, 1,1,2,3,3,3-hexachloro-	1*	4	U243	C	1000 (454)
Hexaethyl tetraphosphate	757584	Tetraphosphoric acid, hexaethyl ester	1*	4	P062	B	100 (45.4)
Hexamethylene-1,6-diisocyanate	822060	.....	1*	3		B	100 (45.4)
Hexamethylphosphoramide	680319	.....	1*	3		X	1 (0.454)
Hexane	110543	.....	1*	3		D	5000 (2270)
Hexone	108101	Methyl isobutyl ketone 4-Methyl-2-pentanone	1*	3,4	U161	D	5000 (2270)
Hydrazine	302012	.....	1*	3,4	U133	X	1 (0.454)
Hydrazine, 1,2-diethyl-	1615801	N,N-Diethylhydrazine	1*	4	U086	A	10 (4.54)
Hydrazine, 1,1-dimethyl-	57147	1,1-Dimethylhydrazine	1*	3,4	U098	A	10 (4.54)
Hydrazine, 1,2-dimethyl-	540738	1,2-Dimethylhydrazine	1*	4	U099	X	1 (0.454)
Hydrazine, 1,2-diphenyl-	122667	1,2-Diphenylhydrazine	1*	2,3,4	U109	A	10 (4.54)
Hydrazine, methyl-	60344	Methyl hydrazine	1*	3,4	P068	A	10 (4.54)
Hydrazinecarbothioamide	79196	Thiosemicarbazide	1*	4	P116	B	100 (45.4)
Hydrochloric acid	7647010	Hydrogen chloride	5000	1,3		D	5000 (2270)
Hydrocyanic acid	74908	Hydrogen cyanide	10	1,4	P063	A	10 (4.54)
Hydrofluoric acid	7664393	Hydrogen fluoride	5000	1,3,4	U134	B	100 (45.4)
Hydrogen chloride	7647010	Hydrochloric acid	5000	1,3		D	5000 (2270)
Hydrogen cyanide	74908	Hydrocyanic acid	10	1,4	P063	A	10 (4.54)
Hydrogen fluoride	7664393	Hydrofluoric acid	5000	1,3,4	U134	B	100 (45.4)
Hydrogen phosphide	7803512	Phosphine	1*	3,4	P096	B	100 (45.4)
Hydrogen sulfide	7783064	Hydrogen sulfide H <sub>2</sub> S	100	1,4	U135	B	100 (45.4)
Hydrogen sulfide H <sub>2</sub> S	7783064	Hydrogen sulfide	100	1,4	U135	B	100 (45.4)
Hydroperoxide, 1-methyl-1-phenylethyl-	80159	alpha, alpha-Dimethylbenzylhydroperoxide	1*	4	U096	A	10 (4.54)
Hydroquinone	123319	.....	1*	3		B	100 (45.4)
2-Imidazolidinethione	96457	Ethylenethiourea	1*	3,4	U116	A	10 (4.54)
Indeno(1,2,3-cd)pyrene	193395	1,10-(1,2-Phenylene)pyrene	1*	2,4	U137	B	100 (45.4)
Iodomethane	74884	Methane, iodo-	1*	3,4	U138	B	100 (45.4)
1,3-Isobenzofurandione	85449	Methyl iodide Phthalic anhydride	1*	3,4	U190	D	5000 (2270)

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Isobutyl alcohol .....	78831	1-Propanol, 2-methyl- .....	1*	4	U140	D	5000 (2270)
Isodrin .....	465736	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro, (1alpha,4alpha,4beta,5beta,8beta,8beta)- .....	1*	4	P060	X	1 (0.454)
Isophorone .....	78591	.....	1*	2,3		D	5000 (2270)
Isoprene .....	78795	.....	1000	1		B	100 (45.4)
Isopropanolamine dodecylbenzenesulfonate .....	42504461	.....	1000	1		C	1000 (454)
Isosafrole .....	120581	1,3-Benzodioxole, 5-(1-propenyl)- .....	1*	4	U141	B	100 (45.4)
3(2H)-Isoxazolone, 5-(aminomethyl)- .....	2763964	Muscimol .....	1*	4	P007	C	1000 (454)
Kepone .....	143500	5-(Aminomethyl)-3-isoxazolol .....	1	1,4	U142	X	1 (0.454)
Lasiocarpine .....	303344	1,3,4-Metheno-2H-cyclobutal[cd]pentalen-2-one, 1,1a,3,3a,4,5,5a,5b,6-decachlorooctahydro- .....	1*	4	U143	A	10 (4.54)
Lead‡ .....	7439921	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*),7alpha]]- .....	1*	2		A	10 (4.54)
Lead acetate .....	301042	Acetic acid, lead(2+) salt .....	5000	1,4	U144	A	10 (4.54)
LEAD AND COMPOUNDS .....	N.A.	Lead Compounds .....	1*	2,3			**
Lead Compounds .....	N.A.	LEAD AND COMPOUNDS .....	1*	2,3			**
Lead arsenate .....	7784409 7645252 10102484	.....	5000	1		X	1 (0.454)
Lead, bis(acetatato-O)tetrahydroxytri- .....	1335326	Lead subacetate .....	1*	4	U146	A	10 (4.54)
Lead chloride .....	7758954	.....	5000	1		A	10 (4.54)
Lead fluoborate .....	13814965	.....	5000	1		A	10 (4.54)
Lead fluoride .....	7783462	.....	1000	1		A	10 (4.54)
Lead iodide .....	10101630	.....	5000	1		A	10 (4.54)
Lead nitrate .....	10099748	.....	5000	1		A	10 (4.54)
Lead phosphate .....	7446277	Phosphoric acid, lead(2+) salt (2:3) .....	1*	4	U145	A	10 (4.54)
Lead stearate .....	1072351 7428480 52652592 56189094	.....	5000	1		A	10 (4.54)
Lead subacetate .....	1335326	Lead, bis(acetatato-O)tetrahydroxytri- .....	1*	4	U146	A	10 (4.54)
Lead sulfate .....	7446142 15739807	.....	5000	1		A	10 (4.54)
Lead sulfide .....	1314870	.....	5000	1		A	10 (4.54)
Lead thiocyanate .....	592870	.....	5000	1		A	10 (4.54)
Lindane .....	58899	γ-BHC .....	1	1,2,3,4	U129	X	1 (0.454)
		Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1α,2α, 3β,4α,5α,6β)-, Hexachlorocyclohexane (gamma isomer) Lindane (all isomers) .....					

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

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

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

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Methane, dichloro- .....	75092	Methylene chloride .....	1*	2,3,4	U080	C	1000 (454)
Methane, dichlorodifluoro- .....	75718	Dichloromethane .....	1*	4	U075	D	5000 (2270)
Methane, iodo- .....	74884	Dichlorodifluoromethane .....	1*	3,4	U138	B	100 (45.4)
Methane, isocyanato- .....	624839	Iodomethane .....	1*	3,4	P064	A	10 (4.54)
Methane, oxybis(chloro- .....	542881	Methyl iodide .....	1*	3,4	P016	A	10 (4.54)
Methanesulfonyl chloride, trichloro- .....	594423	Methyl isocyanate .....	1*	4	P118	B	100 (45.4)
Methanesulfonic acid, ethyl ester .....	62500	Bis(chloromethyl)ether .....	1*	4	U119	X	1 (0.454)
Methane, tetrachloro- .....	56235	Dichloromethyl ether .....	5000	1,2,3,4	U211	A	10 (4.54)
Methane, tetranitro- .....	509148	Trichloromethanesulfonyl chloride .....	1*	4	P112	A	10 (4.54)
Methane, tribromo- .....	75252	Ethyl methanesulfonate .....	1*	2,3,4	U225	B	100 (45.4)
Methane, trichloro- .....	67663	Carbon tetrachloride .....	5000	1,2,3,4	U044	A	10 (4.54)
Methane, trichlorofluoro- .....	75694	Tetranitromethane .....	1*	4	U121	D	5000 (2270)
Methanethiol .....	74931	Bromoform .....	100	1,4	U153	B	100 (45.4)
Methanimidamide, N,N-dimethyl-N'-[3- [[[(methylamino)carbonyl]oxy]phenyl]-, (Formetanate hydrochloride). monohydrochloride	23422539	Chloroform .....	1*	4	P198		##
Methanimidamide, N,N-dimethyl-N'-[2-methyl-4- [[[(methylamino)carbonyl]oxy]phenyl]]-(Formparanate).	17702577	Trichloromonofluoromethane .....	1*	4	P197		##
6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hexachloro- 1,5,5a,6,9,9a- hexahydro-, 3-oxide	115297	Methylmercaptan .....	1	1,2,4	P050	X	1 (0.454)
1,3,4-Metheno-2H-cyclobutal[cd]pentalen-2-one, 1,1a,3,3a,4,5,5,5a,5b,6- decachlorooctahydro-	143500	Thiomethanol .....	1	1,4	U142	X	1 (0.454)
4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro- 4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a- hexahydro-.	76448	Endosulfan .....	1*	1,2,3,4	P059	X	1 (0.454)
	57749	Chlordane .....	1	1,2,3,4	U036	X	1 (0.454)
		Chlordane, alpha & gamma isomers CHLORDANE (TECHNICAL MIXTURE AND METABOLITES)	1*	3,4	U154	D	5000 (2270)
Methanol .....	67561	Chlordane, alpha & gamma isomers CHLORDANE (TECHNICAL MIXTURE AND METABOLITES)	1*	4	U155	D	5000 (2270)
Methapyrilene .....	91805	Methyl alcohol .....	1*	4	P066	B	100 (45.4)
Methomyl .....	16752775	1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl- N'-(2-thienylmethyl)-.	1*	4	P066	B	100 (45.4)
Methoxychlor .....	72435	Ethanimidothioic acid, N-[[[(methyl- amino)carbonyl]oxy]-, methyl ester.	1	1,3,4	U247	X	1 (0.454)
Methyl alcohol .....	67561	Benzene, 1,1'-(2,2,2-trichloroethyl- idene)bis[4- methoxy-	1*	3,4	U154	D	5000 (2270)
2-Methyl aziridine .....	75558	Methanol .....	1*	3,4	P067	X	1 (0.454)
Methyl bromide .....	74839	Aziridine, 2-methyl- 1,2-Propylenimine	1*	2,3,4	U029	C	1000 (454)
1-Methylbutadiene .....	504609	Bromomethane .....	1*	4	U186	B	100 (45.4)
Methyl chloride .....	74873	Methane, bromo- 1,3-Pentadiene .....	1*	2,3,4	U045	B	100 (45.4)
Methyl chlorocarbonate .....	79221	Chloromethane .....	1*	4	U156	C	1000 (454)
		Methane, chloro- Carbonochloridic acid, methyl ester .....	1*	4	U156	C	1000 (454)
		Methyl chloroformate					



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

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

Hazardous substance	CASRN	Regulatory synonyms	Statutory			Final RQ	
			RQ	Code †	RCRA waste Number	Cat-egory	Pounds (Kg)
Methyl chloroform	71556	Ethane, 1,1,1,-trichloro- 1,1,1-Trichloroethane	1*	2,3,4	U226	C	1000 (454)
Methyl chloroformate	79221	Carbonochloridic acid, methyl ester Methyl chlorocarbonate	1*	4	U156	C	1000 (454)
3-Methylcholanthrene	56495	Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-	1*	4	U157	A	10 (4.54)
4,4'-Methylenebis(2-chloroaniline)	101144	Benzenamine, 4,4'-methylene-bis(2-chloro-	1*	3,4	U158	A	10 (4.54)
Methylene bromide	74953	Methane, dibromo-	1*	4	U068	C	1000 (454)
Methylene chloride	75092	Dichloromethane Methane, dichloro-	1*	2,3,4	U080	C	1000 (454)
4,4'-Methylenedianiline	101779	MDI	1*	3		A	10 (4.54)
Methylene diphenyl diisocyanate	101688	2-Butanone	1*	3		D	5000 (2270)
Methyl ethyl ketone	78933	MEK	1*	3,4	U159	D	5000 (2270)
Methyl ethyl ketone peroxide	1338234	2-Butanone peroxide	1*	4	U160	A	10 (4.54)
Methyl hydrazine	60344	Hydrazine, methyl-	1*	3,4	P068	A	10 (4.54)
Methyl iodide	74884	Iodomethane Methane, iodo-	1*	3,4	U138	B	100 (45.4)
Methyl isobutyl ketone	108101	Hexone 4-Methyl-2-pentanone	1*	3,4	U161	D	5000 (2270)
Methyl isocyanate	624839	Methane, isocyanato-	1*	3,4	P064	A	10 (4.54)
2-Methylacetonitrile	75865	Acetone cyanohydrin Propanenitrile, 2-hydroxy-2-methyl-	10	1,4	P069	A	10 (4.54)
Methylmercaptan	74931	Methanethiol Thiomethanol	100	1,4	U153	B	100 (45.4)
Methyl methacrylate	80626	2-Propenoic acid, 2-methyl-, methyl ester	5000	1,3,4	U162	C	1000 (454)
Methyl parathion	298000	Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl) ester.	100	1,4	P071	B	100 (45.4)
4-Methyl-2-pentanone	108101	Hexone Methyl isobutyl ketone	1*	3,4	U161	D	5000 (2270)
Methyl tert-butyl ether	1634044	4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-	1*	3		C	1000 (454)
Methylthiouracil	56042		1*	4	U164	A	10 (4.54)
Mevinphos	7786347		1	1		A	10 (4.54)
Mexacarbate	315184		1000	1		C	1000 (454)
Mitomycin C	50077	Azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione, 6-amino-8-[[aminocarbonyloxy] methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-, [1aS-(1aalpha, 8beta, 8aalpha, 8balpha)]-	1*	4	U010	A	10 (4.54)
MNNG	70257	Guanidine, N-methyl-N'-nitro-N-nitroso-	1*	4	U163	A	10 (4.54)
Monoethylamine	75047		1000	1		B	100 (45.4)

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Monomethylamine	74895		1000	1		B	100 (45.4)
Multi Source Leachate			1*	4	F039	X	1 (0.454)
Muscimol	2763964	3(2H)-Isoxazolone, 5-(aminomethyl)- 5-(Aminomethyl)-3-isoxazolol.	1*	4	P007	C	1000 (45.4)
Naled	300765		10	1		A	10 (4.54)
5,12-Naphthacenedione, 8-acetyl-10-[3-amino-2,3,6-trideoxy-alpha-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-	20830813	Daunomycin	1*	4	U059	A	10 (4.54)
1-Naphthalenamine	134327	alpha-Naphthylamine	1*	4	U167	B	100 (45.4)
2-Naphthalenamine	91598	beta-Naphthylamine	1*	4	U168	A	10 (4.54)
Naphthalenamine, N,N'-bis(2-chloroethyl)-	494031	Chlornaphazine	1*	4	U026	B	100 (45.4)
Naphthalene	91203		5000	1,2,3,4	U165	B	100 (45.4)
Naphthalene, 2-chloro-	91587	beta-Chloronaphthalene	1*	2,4	U047	D	5000 (2270)
1,4-Naphthalenedione	130154	1,4-Naphthoquinone	1*	4	U166	D	5000 (2270)
2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethyl-(1,1'-biphenyl)-4,4'-diyl)-bis(azo)]bis(5-amino-4-hydroxy)-tetrasodium salt.	72571	Trypan blue	1*	4	U236	A	10 (4.54)
Naphthenic acid	1338245		100	1		B	100 (45.4)
1,4-Naphthoquinone	130154	1,4-Naphthalenedione	1*	4	U166	D	5000 (2270)
alpha-Naphthylamine	134327	1-Naphthalenamine	1*	4	U167	B	100 (45.4)
beta-Naphthylamine	91598	2-Naphthalenamine	1*	4	U168	A	10 (4.54)
alpha-Naphthylthiourea	86884	Thiourea, 1-naphthalenyl-	1*	4	P072	B	100 (45.4)
Nickel ‡	7440020		1*	2		B	100 (45.4)
Nickel ammonium sulfate	15699180		5000	1		B	100 (45.4)
NICKEL AND COMPOUNDS	N.A.	Nickel Compounds	1*	2,3			**
Nickel Compounds	N.A.	NICKEL AND COMPOUNDS	1*	2,3			**
Nickel carbonyl	13463393	Nickel carbonyl Ni(CO)4, (T-4)-	1*	4	P073	A	10 (4.54)
Nickel carbonyl Ni(CO)4, (T-4)-	13463393	Nickel carbonyl	1*	4	P073	A	10 (4.54)
Nickel chloride	7718549		5000	1		B	100 (45.4)
	37211055						
Nickel cyanide	557197	Nickel cyanide Ni(CN)2	1*	4	P074	A	10 (4.54)
Nickel cyanide Ni(CN)2	557197	Nickel cyanide	1*	4	P074	A	10 (4.54)
Nickel hydroxide	12054487		1000	1		A	10 (4.54)
Nickel nitrate	14216752		5000	1		B	100 (45.4)
Nickel sulfate	7786814		5000	1		B	100 (45.4)
Nicotine, & salts	54115	Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-	1*	4	P075	B	100 (45.4)
Nitric acid	7697372		1000	1		C	1000 (454)
Nitric acid, thallium (1+) salt	10102451	Thallium (I) nitrate	1*	4	U217	B	100 (45.4)
Nitric oxide	10102439	Nitrogen oxide NO	1*	4	P076	A	10 (4.54)
p-Nitroaniline	100016	Benzenamine, 4-nitro-	1*	4	P077	D	5000 (2270)
Nitrobenzene	98953	Benzene, nitro-	1000	1,2,3,4	U169	C	1000 (454)
4-Nitrobiphenyl	92933		1*	3		A	10 (4.54)
Nitrogen dioxide	10102440	Nitrogen oxide NO <sub>2</sub>	1000	1,4	P078	A	10 (4.54)
	10544726						
Nitrogen oxide NO	10102439	Nitric oxide	1*	4	P076	A	10 (4.54)
Nitrogen oxide NO <sub>2</sub>	10102440	Nitrogen dioxide	1000	1,4	P078	A	10 (4.54)
	10544726						
Nitroglycerine	55630	1,2,3-Propanetriol, trinitrate-	1*	4	P081	A	10 (4.54)
Nitrophenol (mixed)	25154556		1000	1		B	100 (45.4)
m-Nitrophenol	554847					B	100 (45.4)
o-Nitrophenol	88755	2-Nitrophenol					

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

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

Hazardous substance	CASRN	Regulatory synonyms	Statutory			Final RQ	
			RQ	Code †	RCRA waste Number	Cat-egory	Pounds (Kg)
p-Nitrophenol	100027	4-Nitrophenol Phenol, 4-nitro-	1000	1,2,3,4	U170	B	100 (45.4)
o-Nitrophenol	88755	2-Nitrophenol	1000	1,2		B	100 (45.4)
p-Nitrophenol	100027	Phenol, 4-nitro- 4-Nitrophenol	1000	1,2,4	U170	B	100 (45.4)
2-Nitrophenol	88755	o-Nitrophenol	1000	1,2		B	100 (45.4)
4-Nitrophenol	100027	p-Nitrophenol Phenol, 4-nitro-	1000	1,2,3,4	U170	B	100 (45.4)
NITROPHENOLS	N.A.		1*	2			**
2-Nitropropane	79469	Propane, 2-nitro	1*	3,4	U171	A	10 (4.54)
NITROSAMINES	N.A.		1*	2			**
N-Nitrosodi-n-butylamine	924163	1-Butanamine, N-butyl-N-nitroso-	1*	4	U172	A	10 (4.54)
N-Nitrosodiethanolamine	1116547	Ethanol, 2,2'-(nitrosoimino)bis-	1*	4	U173	X	1 (0.454)
N-Nitrosodiethylamine	55185	Ethanamine, N-ethyl-N-nitroso-	1*	4	U174	X	1 (0.454)
N-Nitrosodimethylamine	62759	Methanamine, N-methyl-N-nitroso-	1*	2,3,4	P082	A	10 (4.54)
N-Nitrosodiphenylamine	86306		1*	2		B	100 (45.4)
N-Nitroso-N-ethylurea	759739	Urea, N-ethyl-N-nitroso-	1*	4	U176	X	1 (0.454)
N-Nitroso-N-methylurea	684935	Urea, N-methyl-N-nitroso	1*	3,4	U177	X	1 (0.454)
N-Nitroso-N-methylurethane	615532	Carbamic acid, methylnitroso-, ethyl ester	1*	4	U178	X	1 (0.454)
N-Nitrosomethylvinylamine	4549400	Vinylamine, N-methyl-N-nitroso-	1*	4	P084	A	10 (4.54)
N-Nitrosomorpholine	59892		1*	3		X	1 (0.454)
N-Nitrosopiperidine	100754	Piperidine, 1-nitroso-	1*	4	U179	A	10 (4.54)
N-Nitrosopyrrolidine	930552	Pyrrolidine, 1-nitroso-	1*	4	U180	X	1 (0.454)
Nitrotoluene	1321126		1000	1		C	1000 (454)
m-Nitrotoluene	99081						
o-Nitrotoluene	88722						
p-Nitrotoluene	99990						
5-Nitro-o-toluidine	99558	Benzenamine, 2-methyl-5-nitro-	1*	4	U181	B	100 (45.4)
Octamethylpyrophosphoramidate	152169	Diphosphoramidate, octamethyl-	1*	4	P085	B	100 (45.4)
Osmium oxide OsO <sub>4</sub> (T-4)-	20816120	Osmium tetroxide	1*	4	P087	C	1000 (454)
Osmium tetroxide	20816120	Osmium oxide OsO <sub>4</sub> (T-4)-	1*	4	P087	C	1000 (454)
7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid	145733	Endothall	1*	4	P088	C	1000 (454)
1,2-Oxathiolane, 2,2-dioxide	1120714	1,3-Propane sultone	1*	3,4	U193	A	10 (4.54)
2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide	50180	Cyclophosphamide	1*	4	U058	A	10 (4.54)
Oxirane	75218	Ethylene oxide	1*	3,4	U115	A	10 (4.54)
Oxiranecarboxyaldehyde	765344	Glycidylaldehyde	1*	4	U126	A	10 (4.54)
Oxirane, (chloromethyl)-	106898	1-Chloro-2,3-epoxypropane Epichlorohydrin	1000	1,3,4	U041	B	100 (45.4)
Paraformaldehyde	30525894		1000	1		C	1000 (454)
Paraldehyde	123637	1,3,5-Trioxane, 2,4,6-trimethyl-	1*	4	U182	C	1000 (454)

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Parathion .....	56382	Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester.	1	1,3,4	P089	A	10 (4.54)
PCBs .....	1336363	Aroclors .....	10	1,2,3		X	1 (0.454)
		POLYCHLORINATED BIPHENYLS					
Aroclor 1016 .....	12674112	.....	10	1,2,3		X	1 (0.454)
Aroclor 1221 .....	11104282	.....	10	1,2,3		X	1 (0.454)
Aroclor 1232 .....	11141165	.....	10	1,2,3		X	1 (0.454)
Aroclor 1242 .....	53469219	.....	10	1,2,3		X	1 (0.454)
Aroclor 1248 .....	12672296	.....	10	1,2,3		X	1 (0.454)
Aroclor 1254 .....	11097691	.....	10	1,2,3		X	1 (0.454)
Aroclor 1260 .....	11096825	.....	10	1,2,3		X	1 (0.454)
PCNB .....	82688	Benzene, pentachloronitro- .....	1*	3,4	U185	B	100 (45.4)
		Pentachloronitro- benzene					
		Quintobenzene					
Pentachlorobenzene .....	608935	Benzene, pentachloro- .....	1*	4	U183	A	10 (4.54)
Pentachloroethane .....	76017	Ethane, pentachloro- .....	1*	4	U184	A	10 (4.54)
Pentachloronitrobenzene .....	82688	Benzene, pentachloronitro- PCNB	1*	3,4	U185	B	100 (45.4)
		Quintobenzene					
Pentachlorophenol .....	87865	Phenol, pentachloro- .....	10	1,2,3,4	U242	A	10 (4.54)
1,3-Pentadiene .....	504609	1-Methylbutadiene .....	1*	4	U186	B	100 (45.4)
Perchloroethylene .....	127184	Ethene, tetrachloro- .....	1*	2,3,4	U210	B	100 (45.4)
		Tetrachloroethene					
		Tetrachloroethylene					
Phenacetin .....	62442	Acetamide, N-(4-ethoxyphenyl)- .....	1*	4	U187	B	100 (45.4)
Phenanthrene .....	85018	.....	1*	2		D	5000 (2270)
Phenol .....	108952	Benzene, hydroxy- .....	1000	1,2,3,4	U188	C	1000 (454)
Phenol, 2-chloro- .....	95578	o-Chlorophenol 2-Chlorophenol .....	1*	2,4	U048	B	100 (45.4)
Phenol, 4-chloro-3-methyl- .....	59507	p-Chloro-m-cresol .....	1*	2,4	U039	D	5000 (2270)
		4-Chloro-m-cresol					
Phenol, 2-cyclohexyl-4,6-dinitro- .....	131895	2-Cyclohexyl-4,6-dinitrophenol .....	1*	4	P034	B	100 (45.4)
Phenol, 2,4-dichloro- .....	120832	2,4-Dichlorophenol .....	1*	2,4	U081	B	100 (45.4)
Phenol, 2,6-dichloro- .....	87650	2,6-Dichlorophenol .....	1*	4	U082	B	100 (45.4)
Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E)	56531	Diethylstilbestrol .....	1*	4	U089	X	1 (0.454)
Phenol, 2,4-dimethyl- .....	105679	2,4-Dimethylphenol .....	1*	2,4	U101	B	100(45.4)
Phenol, 2,4-dinitro- .....	51285	2,4-Dinitrophenol .....	1000	1,2,3,4	P048	A	10 (4.54)
Phenol, methyl- .....	1319773	Cresols (isomers and mixture) .....	1000	1,3,4	U052	B	100 (45.4)
		Cresylic acid (isomers and mixture)					
Phenol, 2-methyl-4,6-dinitro-, & salts .....	534521	4,6-Dinitro-o-cresol, and salts .....	1*	2,3,4	P047	A	10 (4.54)
Phenol, 2,2'-methylenebis[3,4,6-trichloro- .....	70304	Hexachlorophene .....	1*	4	U132	B	100 (45.4)
Phenol, 3-(1-methylethyl)-, methyl carbamate (m-Cumenyl methylcarbamate).	64006	.....	1*	4	P202		##
Phenol, 2-(1-methylpropyl)-4,6-dinitro .....	88857	Dinoseb .....	1*	4	P020	C	1000 (454)
Phenol, 3-methyl-5-(1-methylethyl)-, methyl carbamate (Promecarb) .....	2631370	.....	1*	4	P201		##
Phenol, 4-nitro- .....	100027	p-Nitrophenol .....	1000	1,2,3,4	U170	B	100 (45.4)
		4-Nitrophenol					
Phenol, pentachloro .....	87865	Pentachlorophenol .....	10	1,2,3,4	U242	A	10 (4.54)
Phenol, 2,3,4,6-tetrachloro- .....	58902	2,3,4,6-Tetrachlorophenol .....	1*	4	U212	A	10 (4.54)
Phenol, 2,4,5-trichloro- .....	95954	2,4,5-Trichlorophenol .....	10	1,3,4	U230	A	10 (4.54)

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

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

Hazardous substance	CASRN	Regulatory synonyms	Statutory			Final RQ	
			RQ	Code †	RCRA waste Number	Cat-egory	Pounds (Kg)
Phenol, 2,4,6-trichloro- .....	88062	2,4,6-Trichlorophenol .....	10	1,2,3,4	U231	A	10 (4.54)
Phenol, 2,4,6-trinitro-, ammonium salt .....	131748	Ammonium picrate .....	1*	4	P009	A	10 (4.54)
L-Phenylalanine, 4-[bis(2-chloroethyl) aminol] .....	148823	Melphalan .....	1*	4	U150	X	1 (0.454)
p-Phenylenediamine .....	106503	.....	1*	3		D	5000 (2270)
1,10-(1,2-Phenylene)pyrene .....	193395	Indeno(1,2,3-cd)pyrene .....	1*	2,4	U137	B	100 (45.4)
Phenylmercury acetate .....	62384	Mercury, (acetato-O)phenyl- .....	1*	4	P092	B	100 (45.4)
Phenylthiourea .....	103855	Thiourea, phenyl- .....	1*	4	P093	B	100 (45.4)
Phorate .....	298022	Phosphorodithioic acid, O,O-diethyl S-(ethylthio), methyl ester. ....	1*	4	P094	A	10 (4.54)
Phosgene .....	75445	Carbonic dichloride .....	5000	1,3,4	P095	A	10 (4.54)
Phosphine .....	7803512	Hydrogen phosphide .....	1*	3,4	P096	B	100 (45.4)
Phosphoric acid .....	7664382	.....	5000	1		D	5000 (2270)
Phosphoric acid, diethyl 4-nitrophenyl ester .....	311455	Diethyl-p-nitrophenyl phosphate .....	1*	4	P041	B	100 (45.4)
Phosphoric acid, lead(2+) salt (2:3) .....	7446277	Lead phosphate .....	1*	4	U145	A	10 (4.54)
Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl]ester .....	298044	Disulfoton .....	1	1,4	P039	X	1 (0.454)
Phosphorodithioic acid, O,O-diethyl S-(ethylthio), methyl ester .....	298022	Phorate .....	1*	4	P094	A	10 (4.54)
Phosphorodithioic acid, O,O-diethyl S-methyl ester .....	3288582	O,O-Diethyl S-methyl dithiophosphate .....	1*	4	U087	D	5000 (2270)
Phosphorodithioic acid, O,O-dimethyl S-[2(methylamino)-2-oxoethyl] ester .....	60515	Dimethoate .....	1*	4	P044	A	10 (4.54)
Phosphorofluoridic acid, bis(1-methylethyl) ester .....	55914	Diisopropylfluorophosphate .....	1*	4	P043	B	100 (45.4)
Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester .....	56382	Parathion .....	1	1,3,4	P089	A	10 (4.54)
Phosphorothioic acid, O,[4-[(dimethylamino) sulfonyl]phenyl]O,O-di-methyl ester .....	52857	Famphur .....	1*	4	P097	C	1000 (454)
Phosphorothioic acid, O,O-dimethyl O-(4- nitrophenyl) ester .....	298000	Methyl parathion .....	100	1,4	P071	B	100 (45.4)
Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester .....	297972	O,O-Diethyl O-pyrazinyl phosphorothioate .....	1*	4	P040	B	100 (45.4)
Phosphorus .....	7723140	.....	1	1,3		X	1 (0.454)
Phosphorus oxychloride .....	10025873	.....	5000	1		C	1000 (454)
Phosphorus pentasulfide .....	1314803	Phosphorus sulfide Sulfur phosphide .....	100	1,4	U189	B	100 (45.4)
Phosphorus sulfide .....	1314803	Phosphorus pentasulfide Sulfur phosphide .....	100	1,4	U189	B	100 (45.4)
Phosphorus trichloride .....	7719122	.....	5000	1		C	1000 (454)
PHTHALATE ESTERS .....	N.A.	.....	1*	2		**	
Phthalic anhydride .....	85449	1,3-Isobenzofurandione .....	1*	3,4	U190	D	5000 (2270)
2-Picoline .....	109068	Pyridine, 2-methyl- .....	1*	4	U191	D	5000 (2270)
Piperidine, 1-nitroso- .....	100754	N-Nitrosopiperidine .....	1*	4	U179	A	10 (4.54)
Plumbane, tetraethyl- .....	78002	Tetraethyl lead .....	100	1,4	P110	A	10 (4.54)
POLYCHLORINATED BIPHENYLS .....	1336363	Aroclors .....	10	1,2,3		X	1 (0.454)
		PCBs .....					
Aroclor 1016 .....	12674112	.....	10	1,2,3		X	1 (0.454)
Aroclor 1221 .....	11104282	.....	10	1,2,3		X	1 (0.454)
Aroclor 1232 .....	11141165	.....	10	1,2,3		X	1 (0.454)
Aroclor 1242 .....	53469219	.....	10	1,2,3		X	1 (0.454)

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Aroclor 1248	12672296		10	1,2,3		X	1 (0.454)
Aroclor 1254	11097691		10	1,2,3		X	1 (0.454)
Aroclor 1260	11096825		10	1,2,3		X	1 (0.454)
Polycyclic Organic Matter*	N.A.		1*	3			**
POLYNUCLEAR AROMATIC HYDROCARBONS	N.A.		1*	2			**
Potassium arsenate	7784410		1000	1		X	1 (0.454)
Potassium arsenite	10124502		1000	1		X	1 (0.454)
Potassium bichromate	7778509		1000	1		A	10 (4.54)
Potassium chromate	7789006		1000	1		A	10 (4.54)
Potassium cyanide	151508	Potassium cyanide K (CN)	10	1,4	P098	A	10 (4.54)
Potassium cyanide K(CN)	151508	Potassium cyanide	10	1,4	P098	A	10 (4.54)
Potassium hydroxide	1310583		1000	1		C	1000 (454)
Potassium permanganate	7722647		100	1		B	100 (45.4)
Potassium silver cyanide	506616	Argentate (1-), bis(cyano-C)-, potassium	1*	4	P099	X	1 (0.454)
Pronamide	23950585	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-	1*	4	U192	D	5000 (2270)
Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl]oxime	116063	Aldicarb	1*	4	P070	X	1 (0.454)
1-Propanamine	107108	n-Propylamine	1*	4	U194	D	5000 (2270)
1-Propanamine, N-propyl-	142847	Dipropylamine	1*	4	U110	D	5000 (2270)
1-Propanamine, N-nitroso-N-propyl-	621647	Di-n-propylnitrosamine	1*	2,4	U111	A	10 (4.54)
Propane, 2-nitro	79469	2-Nitropropane	1*	3,4	U171	A	10 (4.54)
1,3-Propane sultone	1120714	1,2-Oxathiolane, 2,2-dioxide	1*	3,4	U193	A	10 (4.54)
Propane, 1,2-dibromo-3-chloro	96128	1,2-Dibromo-3-chloropropane	1*	3,4	U066	X	1 (0.454)
Propane, 1,2-dichloro-	78875	1,2-Dichloropropane	5000	1,2,3,4	U083	C	1000 (454)
Propanedinitrile	109773	Propylene dichloride	1*	4	U149	C	1000 (454)
Propanenitrile	107120	Malononitrile	1*	4	P101	A	10 (4.54)
Propanenitrile, 3-chloro-	542767	Ethyl cyanide	1*	4	P027	C	1000 (454)
Propanenitrile, 2-hydroxy-2-methyl-	75865	3-Chloropropionitrile	10	1,4	P069	A	10 (4.54)
Propane, 2,2'-oxybis[2-chloro-	108601	Acetone cyanohydrin	1*	2,4	U027	C	1000 (454)
1,2,3-Propanetriol, trinitrate-	55630	2-Methylactonitrile	1*	4	P081	A	10 (4.54)
1-Propanol, 2,3-dibromo-, phosphate (3:1)	126727	Dichloroisopropyl ether	1*	4	U235	A	10 (4.54)
1-Propanol, 2-methyl-	78831	Nitroglycerine	1*	4	U140	D	5000 (2270)
Propanal, 2-methyl-2-(methylsulfonyl)-, O-[(methylamino)carbonyl] oxime (Aldicarb sulfone).	1646884	Tris(2,3-dibromopropyl) phosphate	1*	4	P203		##
2-Propanone	67641	Isobutyl alcohol	1*	4	U002	D	5000 (2270)
2-Propanone, 1-bromo-	598312	Acetone	1*	4	P017	C	1000 (454)
Propargite	2312358	Bromoacetone	10	1		A	10 (4.54)
Propargyl alcohol	107197	2-Propyn-1-ol	1*	4	P102	C	1000 (454)
2-Propenal	107028	Acrolein	1	1,2,3,4	P003	X	1 (0.454)
2-Propenamide	79061	Acrylamide	1*	3,4	U007	D	5000 (2270)
1-Propene, 1,1,2,3,3,3-hexachloro-	1888717	Hexachloropropene	1*	4	U243	C	1000 (454)
1-Propene, 1,3-dichloro-	542756	1,3-Dichloropropene	5000	1,2,3,4	U084	B	100 (45.4)
2-Propenenitrile	107131	Acrylonitrile	100	1,2,3,4	U009	B	100 (45.4)
2-Propenenitrile, 2-methyl-	126987	Methacrylonitrile	1*	4	U152	C	1000 (454)
2-Propenoic acid	79107	Acrylic acid	1*	3,4	U008	D	5000 (2270)
2-Propenoic acid, ethyl ester	140885	Ethyl acrylate	1*	3,4	U113	C	1000 (454)
2-Propenoic acid, 2-methyl-, ethyl ester	97632	Ethyl methacrylate	1*	4	U118	C	1000 (454)
2-Propenoic acid, 2-methyl-, methyl ester	80626	Methyl methacrylate	5000	1,3,4	U162	C	1000 (454)

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

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

Hazardous substance	CASRN	Regulatory synonyms	Statutory			Final RQ	
			RQ	Code †	RCRA waste Number	Cat-egory	Pounds (Kg)
2-Propen-1-ol	107186	Allyl alcohol	100	1,4	P005	B	100 (45.4)
beta-Propiolactone	57578		1*	3		A	10 (4.54)
Propionaldehyde	123386		1*	3		C	1000 (454)
Propionic acid	79094		5000	1		D	5000 (2270)
Propionic acid, 2-(2,4,5-trichlorophenoxy)-	93721	Silvex (2,4,5-TP) 2,4,5-TP acid	100	1,4	U233	B	100 (45.4)
Propionic anhydride	123626		5000	1		D	5000 (2270)
Propoxur (Baygon)	114261		1*	3		B	100 (45.4)
n-Propylamine	107108	1-Propanamine	1*	4	U194	D	5000 (2270)
Propylene dichloride	78875	1,2-Dichloropropane Propane, 1,2-dichloro-	5000	1,2,3,4	U083	C	1000 (454)
Propylene oxide	75569		5000	1,3		B	100 (45.4)
1,2-Propylenimine	75558	Aziridine, 2-methyl- 2-Methyl aziridine	1*	3,4	P067	X	1 (0.454)
2-Propyn-1-ol	107197	Propargyl alcohol	1*	4	P102	C	1000 (454)
Pyrene	129000		1*	2		D	5000 (2270)
Pyrethrins	121299		1000	1		X	1 (0.545)
	121211						
	8003347						
3,6-Pyridazinedione, 1,2-dihydro-	123331	Maleic hydrazide	1*	4	U148	D	5000 (2270)
4-Pyridinamine	504245	4-Aminopyridine	1*	4	P008	C	1000 (454)
Pyridine	110861		1*	4	U196	C	1000 (454)
Pyridine, 2-methyl-	109068	2-Picoline	1*	4	U191	D	5000 (2270)
Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-	54115	Nicotine, & salts	1*	4	P075	B	100 (45.4)
2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]-	66751	Uracil mustard	1*	4	U237	A	10 (4.54)
4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-	56042	Methylthiouracil	1*	4	U164	A	10 (4.54)
Pyrrolidine, 1-nitroso-	930552	N-Nitrosopyrrolidine	1*	4	U180	X	1 (0.454)
Pyrrolo[2,3-b] indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3aS-cis)-(Physostigmine.	57476		1*	4	P204		##
Quinoline	91225		1000	1,3		D	5000 (2270)
Quinone	106514	p-Benzoquinone	1*	3,4	U197	A	10 (4.54)
Quintobenzene	82688	2,5-Cyclohexadiene-1,4-dione Benzene, pentachloronitro PCNB Pentachloronitro- benzene	1*	3,4	U185	B	100(45.4)
RADIONUCLIDES	N.A.		1*	3			§
Radionuclides (including radon)	N.A.		1*	3			§

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Reserpine .....	50555	Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy-, methyl ester (3beta, 16beta,17alpha,18beta,20alpha)-.	1*	4	U200	D	5000 (2270)
Resorcinol .....	108463	1,3-Benzenediol .....	1000	1,4	U201	D	5000 (2270)
Saccharin and salts .....	81072	1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide .....	1*	4	U202	B	100 (45.4)
Safrole .....	94597	1,3-Benzodioxole, 5-(2-propenyl)- .....	1*	4	U203	B	100 (45.4)
Selenious acid .....	7783008	.....	1*	4	U204	A	10 (4.54)
Selenious acid, dithallium (1+) salt .....	12039520	Thallium selenite .....	1*	4	P114	C	1000 (454)
Selenium ‡ .....	7782492	.....	1*	2		B	100 (45.4)
SELENIUM AND COMPOUNDS .....	N.A.	Selenium Compounds .....	1*	2,3			**
Selenium Compounds .....	N.A.	SELENIUM COMPOUNDS .....	1*	2,3			**
Selenium dioxide .....	7446084	Selenium oxide .....	1000	1,4	U204	A	10 (4.54)
Selenium oxide .....	7446084	Selenium dioxide .....	1000	1,4	U204	A	10 (4.54)
Selenium sulfide .....	7488564	Selenium sulfide SeS <sub>2</sub> .....	1*	4	U205	A	10 (4.54)
Selenium sulfide SeS <sub>2</sub> .....	7488564	Selenium sulfide .....	1*	4	U205	A	10 (4.54)
Selenourea .....	630104	.....	1*	4	P103	C	1000 (454)
L-Serine, diazoacetate (ester) .....	115026	Azaserine .....	1*	4	U015	X	1 (0.454)
Silver ‡ .....	7440224	.....	1*	2		C	1000 (454)
SILVER AND COMPOUNDS .....	N.A.	.....	1*	2			**
Silver cyanide .....	506649	Silver cyanide Ag (CN) .....	1*	4	P104	X	1 (0.454)
Silver cyanide Ag (CN) .....	506649	Silver cyanide .....	1*	4	P104	X	1 (0.454)
Silver nitrate .....	7761888	.....	1	1		X	1 (0.454)
Silvex (2,4,5-TP) .....	93721	Propionic acid, 2-(2,4,5-trichlorophenoxy)- 2,4,5-TP acid .....	100	1,4	U233	B	100 (45.4)
Sodium .....	7440235	.....	1000	1		A	10 (4.54)
Sodium arsenate .....	7631892	.....	1000	1		X	1 (0.454)
Sodium arsenite .....	7784465	.....	1000	1		X	1 (0.454)
Sodium azide .....	26628228	.....	1*	4	P105	C	1000 (454)
Sodium bichromate .....	10588019	.....	1000	1		A	10 (4.54)
Sodium bifluoride .....	1333831	.....	5000	1		B	100 (45.4)
Sodium bisulfite .....	7631905	.....	5000	1		D	5000 (2270)
Sodium chromate .....	7775113	.....	1000	1		A	10 (4.54)
Sodium cyanide .....	143339	Sodium cyanide Na(CN) .....	10	1,4	P106	A	10 (4.54)
Sodium cyanide Na(CN) .....	143339	Sodium cyanide .....	10	1,4	P106	A	10 (4.54)
Sodium dodecylbenzenesulfonate .....	25155300	.....	1000	1		C	1000 (454)
Sodium fluoride .....	7681494	.....	5000	1		C	1000 (454)
Sodium hydrosulfide .....	16721805	.....	5000	1		D	5000 (2270)
Sodium hydroxide .....	1310732	.....	1000	1		C	1000 (454)
Sodium hypochlorite .....	7681529	.....	100	1		B	100 (45.4)
.....	10022705	.....	.....	.....	.....	.....	.....
Sodium methylate .....	124414	.....	1000	1		C	1000 (454)
Sodium nitrite .....	7632000	.....	100	1		B	100 (45.4)
Sodium phosphate, dibasic .....	7558794	.....	5000	1		D	5000 (2270)
.....	10039324	.....	.....	.....	.....	.....	.....
.....	10140655	.....	.....	.....	.....	.....	.....



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

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

Hazardous substance	CASRN	Regulatory synonyms	Statutory			Final RQ	
			RQ	Code †	RCRA waste Number	Cat-egory	Pounds (Kg)
Sodium phosphate, tribasic .....	7601549 7758294 7785844 10101890 10124568 10361894	.....	5000	1		D	5000 (2270)
Sodium selenite .....	10102188 7782823	.....	1000	1		B	100 (45.4)
Streptozotocin .....	18883664	D-Glucose, 2-deoxy-2-[[[(methylnitrosoamino)- carbonyl]amino]- Glucopyranose, 2-deoxy-2-(3-methyl-3- nitrosoureido)-	1*	4	U206	X	1 (0.454)
Strontium chromate .....	7789062	.....	1000	1		A	10 (4.54)
Strychnidin-10-one .....	57249	Strychnine, & salts .....	10	1,4	P108	A	10 (4.54)
Strychnidin-10-one, 2,3-dimethoxy- .....	357573	Brucine .....	1*	4	P018	B	100 (45.4)
Strychnine, & salts .....	57249	Strychnidin-10-one .....	10	1,4	P108	A	10 (4.54)
Styrene .....	100425	.....	1000	1,3		C	1000(454)
Styrene oxide .....	96093	.....	1*	3		B	100 (45.4)
Sulfur monochloride .....	12771083	.....	1000	1		C	1000 (454)
Sulfur phosphide .....	1314803	Phosphorus pentasulfide .....	100	1,4	U189	B	100 (45.4)
.....	.....	Phosphorus sulfide .....	.....	.....	.....	.....	.....
Sulfuric acid .....	7664939 8014957	.....	1000	1		C	1000 (454)
Sulfuric acid, dithallium (1+) salt .....	7446186 10031591	Thallium (I) sulfate .....	1000	1,4	P115	B	100 (45.4)
Sulfuric acid, dimethyl ester .....	77781	Dimethyl sulfate .....	1*	3,4	U103	B	100(45.4)
2,4,5-T acid .....	93765	Acetic acid, (2,4,5-trichlorophenoxy) .....	100	1,4	U232	C	1000 (454)
.....	.....	2,4,5-T .....	.....	.....	.....	.....	.....
2,4,5-T amines .....	2008460 1319728 3813147 6369966 6369977	.....	100	1		D	5000 (2270)
.....	.....	.....	.....	.....	.....	.....	.....
2,4,5-T esters .....	93798 1928478 2545597 25168154 61792072	.....	100	1		C	1000 (454)
.....	.....	.....	.....	.....	.....	.....	.....
2,4,5-T salts .....	13560991	.....	100	1		C	1000 (454)
2,4,5-T .....	93765	Acetic acid, (2,4,5-trichlorophenoxy) .....	100	1,4	U232	C	1000 (454)
.....	.....	2,4,5-T acid .....	.....	.....	.....	.....	.....

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TCDD .....	1746016	2,3,7,8,-Tetrachlorodibenzo-p-dioxin .....	1*	2,3		X	1(0.454)
TDE .....	72548	Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro- DDD 4,4' DDD. ....	1	1,2,4	U060	X	1 (0.454)
1,2,4,5-Tetrachlorobenzene .....	95943	Benzene, 1,2,4,5-tetrachloro- .....	1*	4	U207	D	5000 (2270)
2,3,7,8-Tetrachlorodibenzo-p-dioxin .....	1746016	TCDD .....	1*	2,3		X	1(0.454)
1,1,1,2-Tetrachloroethane .....	630206	Ethane, 1,1,1,2-tetrachloro- .....	1*	4	U208	B	100 (45.4)
1,1,2,2,-Tetrachloroethane .....	79345	Ethane, 1,1,2,2,-tetrachloro- .....	1*	2,3,4	U209	B	100(45.4)
Tetrachloroethene .....	127184	Ethene, tetrachloro- .....	1*	2,3,4	U210	B	100(45.4)
		Perchloroethylene					
		Tetrachloroethylene					
Tetrachloroethylene .....	127184	Ethene, tetrachloro .....	1*	2,3,4	U210	B	100(45.4)
		Perchloroethylene					
		Tetrachloroethene					
2,3,4,6-Tetrachlorophenol .....	58902	Phenol, 2,3,4,6-tetrachloro- .....	1*	4	U212	A	10 (4.54)
Tetraethyl lead .....	78002	Plumbane, tetraethyl- .....	100	1,4	P110	A	10 (4.54)
Tetraethyl pyrophosphate .....	107493	Diphosphoric acid, tetraethyl ester .....	100	1,4	P111	A	10 (4.54)
Tetraethylthiopyrophosphate .....	3689245	Thiodiphosphoric acid, tetraethyl ester .....	1*	4	P109	B	100 (45.4)
Tetrahydrofuran .....	109999	Furan, tetrahydro- .....	1*	4	U213	C	1000 (45.4)
Tetranitromethane .....	509148	Methane, tetranitro- .....	1*	4	P112	A	10 (4.54)
Tetraphosphoric acid, hexaethyl ester .....	757584	Hexaethyl tetraphosphoate .....	1*	4	P062	B	100 (45.4)
Thallic oxide .....	1314325	Thallium oxide $Tl_2 O_3$ .....	1*	4	P113	B	100 (45.4)
Thallium ‡ .....	7440280	.....	1*	2		C	1000 (45.4)
Thallium and compounds .....	N.A.	.....	1*	2			**
Thallium (I) acetate .....	563688	Acetic acid, thallium(1+) salt .....	1*	4	U214	B	100 (45.4)
Thallium (I) carbonate .....	6533739	Carbonic acid, dithallium(1+) salt .....	1*	4	U215	B	100 (45.4)
Thallium (I) chloride .....	7791120	Thallium chloride $TlCl$ .....	1*	4	U216	B	100 (45.4)
Thallium chloride $TlCl$ .....	7791120	Thallium(I) chloride .....	1*	4	U216	B	100 (45.4)
Thallium (I) nitrate .....	10102451	Nitric acid, thallium (1+) salt .....	1*	4	U217	B	100 (45.4)
Thallium oxide $Tl_2 O_3$ .....	1314325	Thallic oxide .....	1*	4	P113	B	100 (45.4)
Thallium selenite .....	12039520	Selenious acid, dithallium(1+) salt .....	1*	4	P114	C	1000 (45.4)
Thallium (I) sulfate .....	7446186	Sulfuric acid, dithallium(1+) salt .....	1000	1,4	P115	B	100 (45.4)
	10031591	.....					
Thioacetamide .....	62555	Ethanethioamide .....	1*	4	U218	A	10 (4.54)
Thiodiphosphoric acid, tetraethyl ester .....	3689245	Tetraethylthiopyrophosphate .....	1*	4	P109	B	100 (45.4)
Thiofanox .....	39196184	2-Butanone, 3,3-dimethyl-1-(methylthio)-, O[(methylamino)carbonyl] oxime. ....	1*	4	P045	B	100 (45.4)
Thioimidodicarbonic diamide [(H <sub>2</sub> N)C(S)] 2NH .....	541537	Dithiobiuret .....	1*	4	P049	B	100 (45.4)
Thiomethanol .....	74931	Methanethiol .....	100	1,4	U153	B	100 (45.4)
		Methylmercaptan					
Thioperoxydicarbonic diamide [(H <sub>2</sub> N)C(S)] 2S <sub>2</sub> , tetramethyl- .....	137268	Thiram .....	1*	4	U244	A	10 (4.54)
Thiophenol .....	108985	Benzenethiol .....	1*	4	P014	B	100 (45.4)
Thiosemicarbazide .....	79196	Hydrazinecarbothioamide .....	1*	4	P116	B	100 (45.4)
Thiourea .....	62566	.....	1*	4	U219	A	10 (4.54)
Thiourea, (2-chlorophenyl)- .....	5344821	1-(o-Chlorophenyl)thiourea .....	1*	4	P026	B	100 (45.4)
Thiourea, 1-naphthalenyl- .....	86884	alpha-Naphthylthiourea .....	1*	4	P072	B	100 (45.4)
Thiourea, phenyl- .....	103855	Phenylthiourea .....	1*	4	P093	B	100 (45.4)
Thiram .....	137268	Thioperoxydicarbonic diamide [(H <sub>2</sub> N)C(S)] 2S <sub>2</sub> , tetramethyl- .....	1*	4	U244	A	10 (4.54)
		.....					
Titanium tetrachloride .....	7550450	.....	1*	3		C	1000 (45.4)
Toluene .....	108883	Benzene, methyl .....	1000	1,2,3,4	U220	C	1000(45.4)

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

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

Hazardous substance	CASRN	Regulatory synonyms	Statutory			Final RQ	
			RQ	Code †	RCRA waste Number	Cat-egory	Pounds (Kg)
Toluenediamine .....	95807 496720 823405 25376458	Benzenediamine, ar-methyl- 2,4-Toluene diamine .....	1*	3,4	U221	A	10(4.54)
2,4-Toluene diamine .....	95807 496720 823405 25376458	Benzenediamine, ar-methyl- Toluenediamine .....	1*	3,4	U221	A	10(4.54)
Toluene diisocyanate .....	91087 584849 26471625	Benzene, 1,3-diisocyanatomethyl- 2,4-Toluene diisocyanate .....	1*	3,4	U223	B	100 (45.4)
2,4-Toluene diisocyanate .....	91087 584849 26471625	Benzene, 1,3-diisocya-natomethyl- Toluene diisocyanate .....	1*	3,4	U223	B	100 (45.4)
o-Toluidine .....	95534	Benzenamine, 2-methyl- .....	1*	3,4	U328	B	100(45.4)
p-Toluidine .....	106490	Benzenamine, 4-methyl- .....	1*	4	U353	B	100 (45.4)
o-Toluidine hydrochloride .....	636215	Benzenamine, 2-methyl-, hydrochloride .....	1*	4	U222	B	100 (45.4)
Toxaphene .....	8001352	Camphene, octachloro- Chlorinated camphene .....	1*	1,2,3,4	P123	X	1 (0.454)
2,4,5-TP acid .....	93721	Propionic acid, 2-(2,4,5-trichlorophenoxy)- Silvex (2,4,5-TP) .....	100	1,4	U233	B	100 (45.4)
2,4,5-TP esters .....	32534955	.....	100	1		B	100 (45.4)
1H-1,2,4-Triazol-3-amine .....	61825	Amitrole .....	1*	4	U011	A	10 (4.54)
Trichlorfon .....	52686	.....	1000	1		B	100 (45.4)
1,2,4-Trichlorobenzene .....	120821	.....	1*	2,3		B	100 (45.4)
1,1,1-Trichloroethane .....	71556	Ethane, 1,1,1-trichloro- Methyl chloroform .....	1*	2,3,4	U226	C	1000 (454)
1,1,2-Trichloroethane .....	79005	Ethane, 1,1,2-trichloro .....	1*	2,3,4	U227	B	100 (45.4)
Trichloroethene .....	79016	Ethene, trichloro- Trichloroethylene .....	1000	1,2,3,4	U228	B	100 (45.4)
Trichloroethylene .....	79016	Ethene, trichloro .....	1000	1,2,3,4	U228	B	100 (45.4)
Trichloromethanesulfenyl chloride .....	594423	Methanesulfenyl chloride, trichloro- .....	1*	4	P118	B	100 (45.4)
Trichloromonofluoromethane .....	75694	Methane, trichlorofluoro- .....	1*	4	U121	D	5000 (2270)
Trichlorophenol .....	25167822	.....	10	1		A	10 (4.54)
2,3,4-Trichlorophenol .....	15950660	.....					
2,3,5-Trichlorophenol .....	933788	.....					
2,3,6-Trichlorophenol .....	933755	.....					
2,4,5-Trichlorophenol .....	95954	Phenol, 2,4,5-trichloro- .....	10	1,3,4	U230	A	10 (4.54)
2,4,6-Trichlorophenol .....	88062	Phenol, 2,4,6-trichloro- .....	10	1,2,3,4	U231	A	10 (4.54)
3,4,5-Trichlorophenol .....	609198	.....					

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2,4,5-Trichlorophenol .....	95954	Phenol, 2,4,5-trichloro- .....	10*	1,4	U230	A	10 (4.54)
2,4,6-Trichlorophenol .....	88062	Phenol, 2,4,6-trichloro- .....	10	1,2,4	U231	A	10 (4.54)
Triethanolamine dodecylbenzenesulfonate .....	27323417		1000	1		C	1000 (454)
Triethylamine .....	121448		5000	1,3		D	5000 (2270)
Trifluralin .....	1582098		1*	3		A	10 (4.54)
Trimethylamine .....	75503		1000	1		B	100 (45.4)
2,2,4-Trimethylpentane .....	540841		1*	3		C	1000 (454)
1,3,5-Trinitrobenzene .....	99354	Benzene, 1,3,5-trinitro- .....	1*	4	U234	A	10 (4.54)
1,3,5-Trioxane, 2,4,6-trimethyl- .....	123637	Paraldehyde .....	1*	4	U182	C	1000 (454)
Tris(2,3-dibromopropyl) phosphate .....	126727	1-Propanol, 2,3-dibromo-, phosphate [(3:1) .....	1*	4	U235	A	10 (4.54)
Trypan blue .....	72571	2,7-Naphthalenedisulfonic acid, 3,3'-3,3'-di- methyl-(1,1'-biphenyl)-4,4'-diyl)- bis(azo)bis(5-amino-4-hydroxy)-tetrasodium salt.	1*	4	U236	A	10 (4.54)
Unlisted Hazardous Wastes Characteristic of Corrosivity .....	N.A.		1*	4	D002	B	100 (45.4)
Unlisted Hazardous Wastes Characteristics: .....	N.A.		1*	4			
Characteristic of Toxicity:							
Arsenic (D004) .....	N.A.		*1	4	D004	X	1 (0.454)
Barium (D005) .....	N.A.		*1	4	D005	C	1,000 (454)
Benzene (D018) .....	N.A.		1000	1, 2, 3, 4	D018	A	10 (4.54)
Cadmium (D006) .....	N.A.		*1	4	D006	A	10 (4.54)
Carbon tetrachloride (D019) .....	N.A.		5,000	1, 2, 4	D019	A	10 (4.54)
Chlordane (D020) .....	N.A.		1	1, 2, 4	D020	X	1 (0.454)
Chlorobenzene (D021) .....	N.A.		100	1, 2, 4	D021	B	100 (45.4)
Chloroform (D022) .....	N.A.		5,000	1, 2, 4	D022	A	10 (4.54)
Chromium (D007) .....	N.A.		*1	4	D007	A	10 (4.54)
o-Cresol (D023) .....	N.A.		1*	4	D023	B	100 (45.4)
m-Cresol (D024) .....	N.A.		1*	4	D024	B	100 (45.4)
p-Cresol (D025) .....	N.A.		1*	4	D025	B	100 (45.4)
Cresol (D026) .....	N.A.		1*	4	D026	B	100 (45.4)
2,4-D (D016) .....	N.A.		100	1, 4	D016	B	100 (45.4)
1,4-Dichlorobenzene (D027) .....	N.A.		100	1, 2, 4	D027	B	100 (45.4)
1,2-Dichloroethane (D028) .....	N.A.		5,000	1, 2, 4	D028	B	100 (45.4)
1,1-Dichloroethylene (D029) .....	N.A.		5,000	1, 2, 4	D029	B	100 (45.4)
2,4-Dinitrotoluene (D030) .....	N.A.		1,000	1, 2, 4	D030	A	10 (4.54)
Endrin (D012) .....	N.A.		1	1, 4	D012	X	1 (0.454)
Heptachlor (and epoxide) (D031) .....	N.A.		1	1, 2, 4	D031	X	1 (0.454)
Hexachlorobenzene (D032) .....	N.A.		*1	2, 4	D032	A	10 (4.54)
Hexachlorobutadiene (D033) .....	N.A.		*1	2, 4	D033	X	1 (0.454)
Hexachloroethane (D034) .....	N.A.		*1	2, 4	D034	B	100 (45.4)
Lead (D008) .....	N.A.		1*	4	D008	A	10 (4.54)
Lindane (D013) .....	N.A.		1	1, 4	D013	X	1 (0.454)
Mercury (D009) .....	N.A.		*1	4	D009	X	1 (0.454)
Methoxychlor (D014) .....	N.A.		1	1, 4	D014	X	1 (0.454)
Methyl ethyl ketone (D035) .....	N.A.		*1	4	D035	D	5,000 (2270)
Nitrobenzene (D036) .....	N.A.		1,000	1, 2, 4	D036	C	1,000 (454)
Pentachlorophenol (D037) .....	N.A.		10	1, 2, 4	D037	A	10 (4.54)
Pyridine (D038) .....	N.A.		*1	4	D038	C	1,000 (454)
Selenium (D010) .....	N.A.		*1	4	D010	A	10 (4.54)

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

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

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

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Xylene (mixed) .....	1330207	Benzene, dimethyl- Xylene Xylenes (isomers and mixture)	1000	1,3,4	U239	B	100 (45.4)
Xylenes (isomers and mixture) .....	1330207	Benzene, dimethyl- Xylene Xylene (mixed)	1000	1,3,4	U239	B	100 (45.4)
Xylenol .....	1300716	Reserpine .....	1000	1		C	1000 (454)
Yohimban-16-carboxylic acid,11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester (3beta,16beta,17alpha,18beta,20alpha)-	50555	Reserpine .....	1*	4	U200	D	5000 (2270)
Zinc ‡ .....	7440666	.....	1*	2		C	1000 (454)
ZINC AND COMPOUNDS .....	N.A.	.....	1*	2			**
Zinc acetate .....	557346	.....	1000	1		C	1000 (454)
Zinc ammonium chloride .....	52628258	.....	5000	1		C	1000 (454)
	14639975	.....					
	14639986	.....					
Zinc, bis(dimethylcarbomdithioato-S,S'), (Ziram) .....	137304	.....	1*	4	P205		##
Zinc borate .....	1332076	.....	1000	1		C	1000 (454)
Zinc bromide .....	7699458	.....	5000	1		C	1000 (454)
Zinc carbonate .....	3486359	.....	1000	1		C	1000 (454)
Zinc chloride .....	7646857	.....	5000	1		C	1000 (454)
Zinc cyanide .....	557211	Zinc cyanide Zn(CN)2 .....	10	1,4	P121	A	10 (4.54)
Zinc cyanide Zn(CN)2 .....	557211	Zinc cyanide .....	10	1,4	P121	A	10 (4.54)
Zinc fluoride .....	7783495	.....	1000	1		C	1000 (454)
Zinc formate .....	557415	.....	1000	1		C	1000 (454)
Zinc hydrosulfite .....	7779864	.....	1000	1		C	1000 (454)
Zinc nitrate .....	7779886	.....	5000	1		C	1000 (454)
Zinc phenosulfonate .....	127822	.....	5000	1		D	5000 (2270)
Zinc phosphide .....	1314847	Zinc phosphide Zn <sub>3</sub> P <sub>2</sub> , when present at concentrations greater than 10%.	1000	1,4	P122	B	100 (45.4)
Zinc phosphide Zn <sub>3</sub> P <sub>2</sub> , when present at concentrations greater than 10%.	1314847	Zinc phosphide .....	1000	1,4	P122	B	100 (45.4)
Zinc silicofluoride .....	16871719	.....	5000	1		D	5000 (2270)
Zinc sulfate .....	7733020	.....	1000	1		C	1000 (454)
Zirconium nitrate .....	13746899	.....	5000	1		D	5000 (2270)
Zirconium potassium fluoride .....	16923958	.....	5000	1		C	1000 (454)
Zirconium sulfate .....	14644612	.....	5000	1		D	5000 (2270)
Zirconium tetrachloride .....	10026116	.....	5000	1		D	5000 (2270)
F001 .....		.....	1*	4	F001	A	10 (4.54)
The following spent halogenated solvents used in degreasing; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures							
(a) Tetrachloroethylene .....	127184	.....	1*	2,4	U210	B	100 (45.4)
(b) Trichloroethylene .....	79016	.....	1000	1,2,4	U228	B	100 (45.4)
(c) Methylene chloride .....	75092	.....	1*	2,4	U080	C	1000 (454)
(d) 1,1,1-Trichloroethane .....	71556	.....	1*	2,4	U226	C	1000 (454)
(e) Carbon tetrachloride .....	56235	.....	5000	1,2,4	U211	A	10 (4.54)

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

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

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

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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.	1*	4	F006	A	10 (4.54)
F007	Spent cyanide plating bath solutions from electroplating operations.	1*	4	F007	A	10 (4.54)
F008	Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process.	1*	4	F008	A	10 (4.54)
F009	Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process.	1*	4	F009	A	10 (4.54)
F010	Quenching bath residues from oil baths from metal heat treating operations where cyanides are used in the process.	1*	4	F010	A	10 (4.54)
F011	Spent cyanide solution from salt bath pot cleaning from metal heat treating operations.	1*	4	F011	A	10 (4.54)
F012	Quenching wastewater treatment sludges from metal heat treating operations where cyanides are used in the process.	1*	4	F012	A	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.	1	4	F019	A	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.)	1*	4	F020	X	1 (0.454)
F021	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of pentachlorophenol, or of intermediates used to produce its derivatives.	1*	4	F021	X	1 (0.454)
F022	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzenes under alkaline conditions.	1*	4	F022	X	1 (0.454)
F023		1*	4	F023	X	1 (0.454)



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

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

Hazardous substance	CASRN	Regulatory synonyms	Statutory			Final RQ	
			RQ	Code †	RCRA waste Number	Cat-egory	Pounds (Kg)
Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- and tetrachlorophenols. (This listing does not include wastes from equipment used only for the production or use of hexa-chlorophene from highly purified 2,4,5-tri-chlorophenol.)							
F024 .....			1*	4	F024	X	1 (0.454)
Wastes, including but not limited to distillation residues, heavy ends, tars, and reactor cleanout wastes, from the production of chlorinated aliphatic hydrocarbons, having carbon content from one to five, utilizing free radical catalyzed processes. (This listing does not include light ends, spent filters and filter aids, spent desiccants(sic), wastewater, wastewater treatment sludges, spent catalysts, and wastes listed in § 261.32.)							
F025 .....			1*	4	F025	X	1 (0.454)
Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.							
F026 .....			1*	4	F026	X	1 (0.454)
Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzene under alkaline conditions.							
F027 .....			1*	4	F027	X	1 (0.454)
Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing hexachlorophene synthesized from prepurified 2,4,5-tri-chlorophenol as the sole component.)							
F028 .....			1*	4	F028	X	1 (0.454)
Residues resulting from the incineration or thermal treatment of soil contaminated with EPA Hazardous Waste Nos. F020, F021, F022, F023, F026, and F027.							
F032 .....			1*	4	F032	X	1(0.454)

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<p>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.</p>			1*	4	F034	X	1(0.454)
<p>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.</p>			1*	4	F035	X	1(0.454)
<p>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.</p>			1*	4	F037	X	1 (0.454)
<p>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 from petroleum refineries. Such sludges include, but are not limited to, those generated in: oil/water/solids separators; tanks and impoundments; ditches and other conveyances; sumps; and stormwater units receiving dry weather flow. Sludge generated in stormwater units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges generated in aggressive biological treatment units as defined in § 261.31(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units) and K051 wastes are not included in this listing.</p>			1*	4	F038	X	1 (0.454)
<p>F038 .....</p>			1*	4	F038	X	1 (0.454)

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

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

Hazardous substance	CASRN	Regulatory synonyms	Statutory			Final RQ	
			RQ	Code †	RCRA waste Number	Cat-egory	Pounds (Kg)
Petroleum refinery secondary (emulsified) oil/water/solids separation sludge—Any sludge and/or float generated from the physical and/or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in: induced air flotation (IAF) units, tanks and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated from once-through non-contact cooling waters segregated for treatment from other process or oil cooling wastes, sludges and floats generated in aggressive biological treatment units as defined in §261.31(b)(2) (including sludges and floats generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units) and F037, K048, and K051 wastes are not included in this listing.							
K001 ..... Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol.			1*	4	K001	X	1 (0.454)
K002 ..... Wastewater treatment sludge from the production of chrome yellow and orange pigments.			1*	4	K002	A	10 (4.54)
K003 ..... Wastewater treatment sludge from the production of molybdate orange pigments.			1*	4	K003	A	10 (4.54)
K004 ..... Wastewater treatment sludge from the production of zinc yellow pigments.			1*	4	K004	A	10 (4.54)
K005 ..... Wastewater treatment sludge from the production of chrome green pigments.			1*	4	K005	A	10 (4.54)
K006 ..... Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated).			1*	4	K006	A	10 (4.54)
K007 ..... Wastewater treatment sludge from the production of iron blue pigments.			1*	4	K007	A	10 (4.54)
K008 ..... Oven residue from the production of chrome oxide green pigments.			1*	4	K008	A	10 (4.54)
K009 .....			1*	4	K009	A	10 (4.54)

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Distillation bottoms from the production of acetaldehyde from ethylene.							
K010 .....	1*	4	K010	A		10 (4.54)	
Distillation side cuts from the production of acetaldehyde from ethylene.							
K011 .....	1*	4	K011	A		10 (4.54)	
Bottom stream from the wastewater stripper in the production of acrylonitrile.							
K013 .....	1*	4	K013	A		10 (4.54)	
Bottom stream from the acetonitrile column in the production of acrylonitrile.							
K014 .....	1*	4	K014	D	5000 (2270)		
Bottoms from the acetonitrile purification column in the production of acrylonitrile.							
K015 .....	1*	4	K015	A		10 (4.54)	
Still bottoms from the distillation of benzyl chloride.							
K016 .....	1*	4	K016	X		1 (0.454)	
Heavy ends or distillation residues from the production of carbon tetrachloride.							
K017 .....	1*	4	K017	A		10 (4.54)	
Heavy ends (still bottoms) from the purification column in the production of epi-chlorohydrin.							
K018 .....	1*	4	K018	X		1 (0.454)	
Heavy ends from the fractionation column in ethyl chloride production.							
K019 .....	1*	4	K019	X		1 (0.454)	
Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production.							
K020 .....	1*	4	K020	X		1 (0.454)	
Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production.							
K021 .....	1*	4	K021	A		10 (4.54)	
Aqueous spent antimony catalyst waste from fluoromethanes production.							
K022 .....	1*	4	K022	X		1 (0.454)	
Distillation bottom tars from the production of phenol/acetone from cumene.							
K023 .....	1*	4	K023	D	5000 (2270)		
Distillation light ends from the production of phthalic anhydride from naphthalene.							
K024 .....	1*	4	K024	D	5000 (2270)		
Distillation bottoms from the production of phthalic anhydride from naphthalene.							
K025 .....	1*	4	K025	A		10 (4.54)	
Distillation bottoms from the production of nitrobenzene by the nitration of benzene.							
K026 .....	1*	4	K026	C		1000 (454)	
Stripping still tails from the production of methyl ethyl pyridines.							
K027 .....	1*	4	K027	A		10 (4.54)	

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

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

Hazardous substance	CASRN	Regulatory synonyms	Statutory			Final RQ	
			RQ	Code †	RCRA waste Number	Cat-egory	Pounds (Kg)
Centrifuge and distillation residues from toluene diisocyanate production.							
K028 ..... Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane.			1*	4	K028	X	1 (0.454)
K029 ..... Waste from the product steam stripper in the production of 1,1,1-trichloroethane.			1*	4	K029	X	1 (0.454)
K030 ..... Column bottoms or heavy ends from the combined production of trichloroethylene and perchloroethylene.			1*	4	K030	X	1 (0.454)
K031 ..... By-product salts generated in the production of MSMA and cacodylic acid.			1*	4	K031	X	1 (0.454)
K032 ..... Wastewater treatment sludge from the production of chlordane.			1*	4	K032	A	10 (4.54)
K033 ..... Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane.			1*	4	K033	A	10 (4.54)
K034 ..... Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane.			1*	4	K034	A	10 (4.54)
K035 ..... Wastewater treatment sludges generated in the production of creosote.			1*	4	K035	X	1 (0.454)
K036 ..... Still bottoms from toluene reclamation distillation in the production of disulfoton.			1*	4	K036	X	1 (0.454)
K037 ..... Wastewater treatment sludges from the production of disulfoton.			1*	4	K037	X	1 (0.454)
K038 ..... Wastewater from the washing and stripping of phorate production.			1*	4	K038	A	10 (4.54)
K039 ..... Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate.			1*	4	K039	A	10 (4.54)
K040 ..... Wastewater treatment sludge from the production of phorate.			1*	4	K040	A	10 (4.54)
K041 ..... Wastewater treatment sludge from the production of toxaphene.			1*	4	K041	X	1 (0.454)

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K042 ..... Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T.	.....	.....	1*	4	K042	A	10 (4.54)
K043 ..... 2,6-Dichlorophenol waste from the production of 2,4-D.	.....	.....	1*	4	K043	A	10 (4.54)
K044 ..... Wastewater treatment sludges from the manufacturing and processing of explosives.	.....	.....	1*	4	K044	A	10 (4.54)
K045 ..... Spent carbon from the treatment of wastewater containing explosives.	.....	.....	1*	4	K045	A	10 (4.54)
K046 ..... Wastewater treatment sludges from the manufacturing, formulation and loading of lead-based initiating compounds.	.....	.....	1*	4	K046	A	10 (4.54)
K047 ..... Pink/red water from TNT operations.	.....	.....	1*	4	K047	A	10 (4.54)
K048 ..... Dissolved air flotation (DAF) float from the petroleum refining industry.	.....	.....	1*	4	K048	A	10 (4.54)
K049 ..... Stop oil emulsion solids from the petroleum refining industry.	.....	.....	1*	4	K049	A	10 (4.54)
K050 ..... Heat exchanger bundle cleaning sludge from the petroleum refining industry.	.....	.....	1*	4	K050	A	10 (4.54)
K051 ..... API separator sludge from the petroleum refining industry.	.....	.....	1*	4	K051	A	10 (4.54)
K052 ..... Tank bottoms (leaded) from the petroleum refining industry.	.....	.....	1*	4	K052	A	10 (4.54)
K060 ..... Ammonia still lime sludge from coking operations.	.....	.....	1*	4	K060	X	1 (0.454)
K061 ..... Emission control dust/sludge from the primary production of steel in electric furnaces.	.....	.....	1*	4	K061	A	10 (4.54)
K062 ..... Spent pickle liquor generated by steel finishing operations of facilities within the iron and steel industry (SIC Codes 331 and 332).	.....	.....	1*	4	K062	A	10 (4.54)
K064 ..... Acid plant blowdown slurry/sludge resulting from thickening of blowdown slurry from primary copper production.	.....	.....	1*	4	K064	A	10 (4.54)
K065 ..... Surface impoundment solids contained in and dredged from surface impoundments at primary lead smelting facilities.	.....	.....	1*	4	K065	A	10 (4.54)
K066 ..... Sludge from treatment of process wastewater and/or acid plant blowdown from primary zinc production.	.....	.....	1*	4	K066	A	10 (4.54)
K069 ..... Emission control dust/sludge from secondary lead smelting.	.....	.....	1*	4	K069	A	10 (4.54)

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

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

Hazardous substance	CASRN	Regulatory synonyms	Statutory			Final RQ	
			RQ	Code †	RCRA waste Number	Cat-egory	Pounds (Kg)
K071 ..... Brine purification muds from the mercury cell process in chlorine production, where separately prepurified brine is not used.			1*	4	K071	X	1 (0.454)
K073 ..... Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using graphite anodes in chlorine production.			1*	4	K073	A	10 (4.54)
K083 ..... Distillation bottoms from aniline extraction.			1*	4	K083	B	100 (45.4)
K084 ..... Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.			1*	4	K084	X	1 (0.454)
K085 ..... Distillation or fractionation column bottoms from the production of chlorobenzenes.			1*	4	K085	A	10 (4.54)
K086 ..... Solvent washes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tubs and equipment used in the formulation of ink from pigments, driers, soaps, and stabilizers containing chromium and lead.			1*	4	K086	A	10 (4.54)
K087 ..... Decanter tank tar sludge from coking operations.			1*	4	K087	B	100 (45.4)
K088 ..... Spent potliners from primary aluminum reduction.			1*	4	K088	A	10 (4.54)
K090 ..... Emission control dust or sludge from ferrochromiumsilicon production.			1*	4	K090	A	10 (4.54)
K091 ..... Emission control dust or sludge from ferrochromium production.			1	4	K091	A	10 (4.54)
K093 ..... Distillation light ends from the production of phthalic anhydride from ortho-xylene.			1*	4	K093	D	5000 (2270)
K094 ..... Distillation bottoms from the production of phthalic anhydride from ortho-xylene.			1*	4	K094	D	5000 (2270)
K095 ..... Distillation bottoms from the production of 1,1,1-trichloroethane.			1*	4	K095	B	100 (45.4)
K096 .....			1*	4	K096	B	100 (45.4)

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Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane.						
K097 ..... Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane.			1*	4	K097	X 1 (0.454)
K098 ..... Untreated process wastewater from the production of toxaphene.			1*	4	K098	X 1 (0.454)
K099 ..... Untreated wastewater from the production of 2,4-D.			1*	4	K099	A 10 (4.54)
K100 ..... Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting.			1*	4	K100	A 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.			1*	4	K101	X 1 (0.454)
K102 ..... Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.			1*	4	K102	X 1 (0.454)
K103 ..... Process residues from aniline extraction from the production of aniline.			1*	4	K103	B 100 (45.4)
K104 ..... Combined wastewater streams generated from nitrobenzene/aniline production.			1*	4	K104	A 10 (4.54)
K105 ..... Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.			1*	4	K105	A 10 (4.54)
K106 ..... Wastewater treatment sludge from the mercury cell process in chlorine production.			1*	4	K106	X 1 (0.454)
K107 ..... Column bottoms from product separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazines.			10	4	K107	X 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.			10	4	K108	X 10 (4.54)
K109 ..... Spent filter cartridges from product purification from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.			10	4	K109	X 10 (4.54)
K110 ..... Condensed column overheads from intermediate separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.			10	4	K110	X 10 (4.54)
K111 .....			1*	4	K111	A 10 (4.54)



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

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

Hazardous substance	CASRN	Regulatory synonyms	Statutory			Final RQ	
			RQ	Code †	RCRA waste Number	Cat-egory	Pounds (Kg)
Product washwaters from the production of dinitrotoluene via nitration of toluene.							
K112 ..... Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene.			1*	4	K112	A	10 (4.54)
K113 ..... Condensed liquid light ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.			1*	4	K113	A	10 (4.54)
K114 ..... Vicinals from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.			1*	4	K114	A	10 (4.54)
K115 ..... Heavy ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.			1*	4	K115	A	10 (4.54)
K116 ..... Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine.			1*	4	K116	A	10 (4.54)
K117 ..... Wastewater from the reaction vent gas scrubber in the production of ethylene bromide via bromination of ethene.			1*	4	K117	X	1 (0.454)
K118 ..... Spent absorbent solids from purification of ethylene dibromide in the production of ethylene dibromide.			1*	4	K118	X	1 (0.454)
K123 ..... Process wastewater (including supernates, filtrates, and washwaters) from the production of ethylenebisdithiocarbamic acid and its salts.			1*	4	K123	A	10 (4.54)
K124 ..... Reactor vent scrubber water from the production of ethylenebisdithiocarbamic acid and its salts.			1*	4	K124	A	10 (4.54)
K125 ..... Filtration, evaporation, and centrifugation solids from the production of ethylenebisdithiocarbamic acid and its salts.			1*	4	K125	A	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.			1*	4	K126	A	10 (4.54)
K131 ..... .....			100	4	K131	X	100 (45.4)

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Wastewater from the reactor and spent sulfuric acid from the acid dryer in the production of methyl bromide.							
K132 .....			1000	4	K132	X	1000 (454)
Spent absorbent and wastewater solids from the production of methyl bromide.							
K136 .....			1*	4	K136	X	1 (0.454)
Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.							
K141 .....			1*	4	K141	X	1 (0.454)
Process related from the recovery of coal tar, including, but not limited to, tar collecting sump residues from the production of coke by-products produced from coal. This listing does not include K087 (decanter tank tar sludge from coking operations.).							
K142 .....			1*	4	K142	X	1 (0.454)
Tar storage tank residues from the production of coke from coal or from the recovery of coke by-products produced from coal.							
K143 .....			1*	4	K143	X	1 (0.454)
Process residues from the recovery of light oil, including, but not limited to, those generated in stills, decanters, and wash oil recovery units from the recovery of coke by-products produced from coal.							
K144 .....			1*	4	K144	X	1 (0.454)
Wastewater sump residues from light oil refining, including, but not limited to, intercepting or contamination sump sludges from the recovery of coke by-products produced from coal.							
K145 .....			1*	4	K145	X	1 (0.454)
Residues from naphthalene collection and recovery operations from the recovery of coke by-products produced from coal.							
K147 .....			1*	4	K147	X	1 (0.454)
Tar storage tank residues from coal tar refining.							
K148 .....			1*	4	K148	X	1 (0.454)
Residues from coal tar distillation, including, but not limited to, still bottoms.							
K149 .....			1*	4	K149	A	10 (4.54)
Distillation bottoms from the production of alpha- (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. [This waste does not include still bottoms from the distillation of benzyl chloride.].							
K150 .....			1*	4	K150	A	10 (4.54)
Organic residuals, excluding spent carbon adsorbent, from the spent chlorine gas and hydrochloric acid recovery processes associated with the production of alpha- (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.							
K151 .....			1*	4	K151	A	10 (4.54)

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

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

Hazardous substance	CASRN	Regulatory synonyms	Statutory			Final RQ	
			RQ	Code †	RCRA waste Number	Cat-egory	Pounds (Kg)
Wastewater treatment sludges, excluding neutralization and biological sludges, generated during the treatment of wastewaters from the production of alpha- (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.							
K156 ..... Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and decantates) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate.)			* 1	4	K156		##
K157 ..... Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate.)			* 1	4	K157		##
K158 ..... Bag house dusts and filter/separation solids from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate.)			* 1	4	K158		##
K159 ..... Organics from the treatment of thiocarbamate wastes.			1*	4	K159		##
K161 ..... Purification solids (including filtration, evaporation, and centrifugation solids), bag house dust, and floor sweepings from the production of dithiocarbamate acids and their salts (This listing does not include K125 or K126.)			1*	4	K161		##
K169 <sup>1</sup> ..... Crude oil storage tank sediment from petroleum refining operations.			1*	4	K169	A	10(4.54)
K170 <sup>1</sup> ..... Clarified slurry oil tank sediment and/or in-line filter/separation solids from petroleum refining operations.			1*	4	K170	X	1 (0.454)
K171 <sup>1</sup> ..... Spent hydrotreating catalyst from petroleum refining operations. (This listing does not include inert support media.)			1*	4	K171	X	1 (0.454)
K172 <sup>1</sup> .....			1*	4	K172	X	1 (0.454)
K174 <sup>1</sup> .....			1*	4	K174	X	1(0.454)
K175 <sup>1</sup> .....			1*	4	K175	X	1(0.454)
K176 .....			*1	4	K176	X	1 (0.454)

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Baghouse filters from the production of antimony oxide, including filters from the production of intermediates (e.g., antimony metal or crude antimony oxide)							
K177 .....			*1	4	K177	D	5,000 (2270)
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)							
K178 .....			*1	4	K178	X	1 (0.454)
Residues from manufacturing and manufacturing-site storage of ferric chloride from acids formed during the production of titanium dioxide using the chloride ilmenite process.							
Spent hydrorefining catalyst from petroleum refining operations. (This listing does not include inert support media.)							

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

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

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

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

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

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

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

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

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

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

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

\*\*—indicates that no RQ is being assigned to the generic or broad class.

<sup>a</sup> 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.

<sup>b</sup> 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.

<sup>c</sup> 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.

<sup>d</sup> Includes mono- and di-ethers of ethylene glycol, diethylene glycol, and triethylene glycol R-(OCH<sub>2</sub>CH<sub>2</sub>)<sub>n</sub>-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.

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

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

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

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

CASRN	Hazardous substance
50000	Formaldehyde.
50077	Azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione,6-amino-8-[[[(aminocarbonyloxy)methyl]-1,1a,2,8,8a, 8b-hexahydro-8a-methoxy-5-methyl-, [1aS-(1aalpha, 8beta,8aalpna,8balpna)]- Mitomycin C.
50180	Cyclophosphamide. 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide.
50293	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro- DDT'. 4,4'DDT.
50328	Benzo[a]pyrene. 3,4-Benzopyrene.
50555	Reserpine. Yohimban-16-carboxylic acid,11,17-dimethoxy-18-[(3 ,4,5-trimethoxybenzoyl)oxy]-, methyl ester (3beta, 16beta,17alpha,18beta,20alpha)- .
51285	Phenol, 2,4-dinitro-. 2,4-Dinitrophenol.
51434	Epinephrine. 1,2-Benzenediol,4-[1-hydroxy-2-(methylamino) ethyl]-.
51796	Carbamic acid, ethyl ester. Ethyl carbamate. Urethane.
52686	Trichlorfon.
52857	Famphur. Phosphorothioic acid, O,[4-[(dimethyl- amino) sulfonyl]phenyl]O,O-dimethyl ester.
53703	Dibenz[a,h]anthracene. Dibenzo[a,h]anthracene. 1,2:5,6-Dibenzanthracene.
53963	Acetamide, N-9H-fluoren-2-yl-. 2-Acetylaminofluorene.
54115	Nicotine, & salts. Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-.
55185	Ethanamine, N-ethyl-N-nitroso-. N-Nitrosodiethylamine.
55630	Nitroglycerine. 1,2,3-Propanetriol, trinitrate-.
55914	Diisopropylfluorophosphate. Phosphorofluoric acid, bis(1-methyl- ethyl) ester.
56042	Methylthiouracil. 4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-.
56235	Carbon tetrachloride. Methane, tetrachloro-.
56382	Parathion. Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester.
56495	Benz[ <i>j</i> ]aceanthrylene, 1,2-dihydro-3-methyl-3-Methylcholanthrene.
56531	Diethylstilbestrol. Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E).
56553	Benz[ <i>a</i> ]anthracene. Benzo[ <i>a</i> ]anthracene. 1,2-Benzanthracene.
56724	Coumaphos.
57125	Cyanides (soluble salts and complexes) not otherwise specified.
57147	Hydrazine, 1,1-dimethyl-. 1,1-Dimethylhydrazine.
57249	Strychnidin-10-one. Strychnine, & salts.

CASRN	Hazardous substance
57476	Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3aS-cis)- (Physostigmine).
57647	Benzoic acid, 2-hydroxy-, compd. with (3aS-cis)-1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-yl methylcarbamate ester (1:1) (Physostigmine salicylate).
57749	Chlordane. Chlordane, alpha & gamma isomers. CHLORDANE (TECHNICAL MIXTURE AND METABOLITES). 4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-.
57976	1,2-Benzanthracene, 7,12-dimethyl-. 7,12-Dimethylbenz[ <i>a</i> ]anthracene.
58899	γ-BHC. Cyclohexane, 1,2,3,4,5,6-hexachloro (1α,2α,3β,4α,5α,6β)-. Hexachlorocyclohexane (gamma isomer). Lindane. Lindane (all isomers).
58902	Phenol, 2,3,4,6-tetrachloro-. 2,3,4,6-Tetrachlorophenol.
59507	p-Chloro-m-cresol. Phenol, 4-chloro-3-methyl-. 4-Chloro-m-cresol.
60004	Ethylenediamine-tetraacetic acid (EDTA).
60117	Benzenamine, N,N-dimethyl-4-(phenylazo)-. Dimethyl aminoazobenzene. p-Dimethylaminoazobenzene.
60297	Ethane, 1,1'-oxybis-. Ethyl ether.
60344	Hydrazine, methyl-. Methyl hydrazine.
60515	Dimethoate. Phosphorodithioic acid, O,O-dimethyl S-[2(methylamino)-2-oxoethyl] ester.
60571	Dieldrin. 2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2, 2a,3,6,6a,7,7a-octahydro-, (1aalpha,2beta,2aalpna,3beta,6beta, 6aalpna,7beta, 7aalpna)-.
61825	Amitrole. 1H-1,2,4-Triazol-3-amine.
62384	Mercury, (acetato-O)phenyl-. Phenylmercury acetate.
62442	Acetamide, N-(4-ethoxyphenyl)-. Phenacetin.
62500	Ethyl methanesulfonate. Methanesulfonic acid, ethyl ester.
62533	Aniline. Benzenamine.
62555	Ethanethioamide. Thioacetamide.
62566	Thiourea.
62737	Dichlorvos.
62748	Acetic acid, fluoro-, sodium salt. Fluoroacetic acid, sodium salt.
62759	Methanamine, N-methyl-N-nitroso-. N-Nitrosodimethylamine.
63252	Carbaryl.
64006	Phenol, 3-(1-methylethyl)-, methyl carbamate (m-Cumenyl methylcarbamate).
64186	Formic acid.
64197	Acetic acid.
65850	Benzoic acid.
66751	Uracil mustard.

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

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

CASRN	Hazardous substance
	2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl) amino]-.
67561	Methanol.
	Methyl alcohol.
67641	Acetone.
	2-Propanone.
67663	Chloroform.
	Methane, trichloro-.
67721	Ethane, hexachloro-.
	Hexachloroethane.
70257	Guanidine, N-methyl-N'-nitro-N-nitroso-MNNG.
70304	Hexachlorophene.
	Phenol, 2,2'-methylenebis[3,4,6-tri-chloro-.
71363	n-Butyl alcohol.
	1-Butanol.
71432	Benzene.
71556	Ethane, 1,1,1-trichloro-.
	Methyl chloroform.
	1,1,1-Trichloroethane.
72208	Endrin.
	Endrin, & metabolites.
	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octa-hydro-, (1aalpha,2beta,2abeta,3alpha,6alpha,6abeta,7beta,7aalpha)-.
72435	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-.
	Methoxychlor.
72548	Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro-.
	DDD.
	TDE.
	4,4' DDD.
72559	DDE
	4,4'-DDE.
72571	Trypan blue.
	2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethyl-(1,1'-biphenyl)-4,4'-diyl)-bis(azo)]bis(5-amino-4-hydroxy)-tetrasodium salt.
74839	Bromomethane.
	Methane, bromo-.
	Methyl bromide.
74873	Chloromethane.
	Methane, chloro-.
	Methyl chloride.
74884	Iodomethane
	Methane, iodo-.
	Methyl iodide.
74895	Monomethylamine.
74908	Hydrocyanic acid.
	Hydrogen cyanide.
74931	Methanethiol.
	Methylmercaptan.
	Thiomethanol.
74953	Methane, dibromo-.
	Methylene bromide.
75003	Chloroethane.
	Ethyl chloride.
75014	Ethene, chloro-.
	Vinyl chloride.
75047	Monoethylamine.
75058	Acetonitrile.
75070	Acetaldehyde.
	Ethanal.
75092	Dichloromethane.
	Methane, dichloro-.
	Methylene chloride.
75150	Carbon disulfide.

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

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

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

CASRN	Hazardous substance
	Methyl chlorocarbonate.
79312	Methyl chloroformate.
79345	iso-Butyric acid.
	Ethane, 1,1,2,2-tetrachloro-.
79447	1,1,2,2-Tetrachloroethane.
	Carbamic chloride, dimethyl-.
79469	Dimethylcarbonyl chloride.
	Propane, 2-nitro-.
80159	2-Nitropropane.
	alpha, alpha-Dimethylbenzylhydroperoxide.
80626	Hydroperoxide, 1-methyl-1-phenylethyl-.
	Methyl methacrylate.
81072	2-Propenoic acid, 2-methyl-, methyl ester.
	Saccharin and salts.
81812	1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide.
	Warfarin, & salts, when present at concentrations greater than 0.3%.
	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenyl-butyl)-, & salts, when present at concentrations greater than 0.3%.
82688	Benzene, pentachloronitro-.
	PCNB.
	Pentachloronitrobenzene.
83329	Quintobenzene.
84662	Acenaphthene.
	Diethyl phthalate.
84742	1,2-Benzenedicarboxylic acid, diethyl ester.
	Di-n-butyl phthalate.
	Dibutyl phthalate.
	n-Butyl phthalate.
85007	1,2-Benzenedicarboxylic acid, dibutyl ester.
85018	Diquat.
85449	Phenanthrene.
	Phthalic anhydride.
	1,3-Isobenzofurandione.
85687	Butyl benzyl phthalate.
86306	N-Nitrosodiphenylamine.
86500	Guthion.
86737	Fluorene.
86884	alpha-Naphthylthiourea.
	Thiourea, 1-naphthalenyl-.
87650	Phenol, 2,6-dichloro-.
	2,6-Dichlorophenol.
87683	Hexachlorobutadiene.
	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-.
87865	Pentachlorophenol.
	Phenol, pentachloro-.
88062	Phenol, 2,4,6-trichloro-.
	2,4,6-Trichlorophenol.
88722	o-Nitrotoluene.
88755	o-Nitrophenol.
	2-Nitrophenol.
88857	Dinoseb.
	Phenol, 2-(1-methylpropyl)-4,6-dinitro.
91087	Benzene, 1,3-diisocyanatomethyl-.
	Toluene diisocyanate.
	2,4-Toluene diisocyanate.
91203	Naphthalene.
91225	Quinoline.
91587	beta-Chloronaphthalene.
	Naphthalene, 2-chloro-.
	2-Chloronaphthalene.
91598	beta-Naphthylamine.
	2-Naphthalenamine.
91805	Methapyrilene.
	1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-.
91941	[1,1'-Biphenyl]-4,4'-diamine,3,3'dichloro-.
	3,3'-Dichlorobenzidine.
92875	Benzidine.

CASRN	Hazardous substance
	[1,1'-Biphenyl]-4,4'-diamine.
93721	Propionic acid, 2-(2,4,5-trichlorophenoxy)-.
	Silvex (2,4,5-TP).
	2,4,5-TP acid.
93765	Acetic acid, (2,4,5-trichlorophenoxy).
	2,4,5-T.
	2,4,5-T acid.
93798	2,4,5-T esters.
94111	2,4-D Ester.
94586	Dihydrosafrole.
	1,3-Benzodioxole, 5-propyl-.
94597	Safrole.
	1,3-Benzodioxole, 5-(2-propenyl)-.
94757	Acetic acid (2,4-dichlorophenoxy)-, salts & esters.
	2,4-D Acid.
	2,4-D, salts and esters.
94791	2,4-D Ester.
94804	2,4-D Ester.
95476	o-Benzene, dimethyl.
	o-Xylene.
95487	o-Cresol.
	o-Cresylic acid.
95501	Benzene, 1,2-dichloro-.
	o-Dichlorobenzene.
	1,2-Dichlorobenzene.
95534	Benzenamine, 2-methyl-.
	o-Toluidine.
95578	o-Chlorophenol.
	Phenol, 2-chloro-.
	2-Chlorophenol.
95807	Benzenediamine, ar-methyl-.
	Toluenediamine.
	2,4-Toluene diamine.
95943	Benzene, 1,2,4,5-tetrachloro-.
	1,2,4,5-Tetrachlorobenzene.
95954	Phenol, 2,4,5-trichloro-.
	2,4,5-Trichlorophenol.
96128	Propane, 1,2-dibromo-3-chloro-.
	1,2-Dibromo-3-chloropropane.
96184	1,2,3-Trichloropropane.
96457	Ethylenethiourea.
	2-Imidazolidinethione.
97632	Ethyl methacrylate.
	2-Propenoic acid, 2-methyl-, ethyl ester.
98011	Furfural.
	2-Furancarboxaldehyde.
98077	Benzene, (trichloromethyl)-.
	Benzotrichloride.
98099	Benzenesulfonic acid chloride.
	Benzenesulfonyl chloride.
98828	Benzene, (1-methylethyl)-.
	Cumene.
98862	Acetophenone.
	Ethanone, 1-phenyl-.
98873	Benzal chloride.
	Benzene, dichloromethyl-.
98884	Benzoyl chloride.
98953	Benzene, nitro-.
	Nitrobenzene.
99081	m-Nitrotoluene.
99354	Benzene, 1,3,5-trinitro-.
	1,3,5-Trinitrobenzene.
99558	Benzenamine, 2-methyl-5-nitro-.
	5-Nitro-o-toluidine.
99650	m-Dinitrobenzene.
99990	p-Nitrotoluene.
100016	Benzenamine, 4-nitro-.
	p-Nitroaniline.
100027	p-Nitrophenol.

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

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

CASRN	Hazardous substance
	Phenol, 4-nitro-
100254	4-Nitrophenol.
100414	p-Dinitrobenzene.
100425	Ethylbenzene.
100447	Styrene.
	Benzene, chloromethyl-
	Benzyl chloride.
100470	Benzonitrile.
100754	N-Nitrosopiperidine.
	Piperidine, 1-nitroso-
101144	Benzenamine, 4,4'-methylenebis(2-chloro-4,4'-Methylenebis(2-chloroaniline).
101279	Carbamic acid, (3-chlorophenyl)-, 4-chloro-2-butynyl ester (Barban).
101553	Benzene, 1-bromo-4-phenoxy-
	4-Bromophenyl phenyl ether.
103855	Phenylthiourea.
	Thiourea, phenyl-
105464	sec-Butyl acetate.
105679	Phenol, 2,4-dimethyl-
	2,4-Dimethylphenol.
106423	p-Benzene, dimethyl.
	p-Xylene.
106445	p-Cresol.
	p-Cresylic acid.
106467	Benzene, 1,4-dichloro-
	p-Dichlorobenzene.
	1,4-Dichlorobenzene.
106478	Benzenamine, 4-chloro-
	p-Chloroaniline.
106490	Benzenamine, 4-methyl-
	p-Toluidine.
106503	Phenylenediamine (para-isomer).
106514	p-Benzoquinone.
	2,5-Cyclohexadiene-1,4-dione.
	Quinone.
106898	1-Chloro-2,3-epoxypropane.
	Epichlorohydrin.
	Oxirane, (chloromethyl)-.
106934	Dibromoethane.
	Ethane, 1,2-dibromo-
	Ethylene, dibromide.
107028	Acrolein.
	2-Propenal.
107051	Allyl chloride.
107062	Ethane, 1,2-dichloro-
	Ethylene dichloride.
	1,2-Dichloroethane.
107108	n-Propylamine.
	1-Propanamine.
107120	Ethyl cyanide.
	Propanenitrile.
107131	Acrylonitrile.
	2-Propenenitrile.
107153	Ethylenediamine.
107186	Allyl alcohol.
	2-Propen-1-ol.
107197	Propargyl alcohol.
	2-Propyn-1-ol.
107200	Acetaldehyde, chloro-
	Chloroacetaldehyde.
107302	Chloromethyl methyl ether.
	Methane, chloromethoxy-
107493	Diphosphoric acid, tetraethyl ester.
	Tetraethyl pyrophosphate.
107926	Butyric acid.
108054	Vinyl acetate.
	Vinyl acetate monomer.
108101	Methyl isobutyl ketone.
	4-Methyl-2-pentanone.

CASRN	Hazardous substance
108247	Acetic anhydride.
108316	Maleic anhydride.
	2,5-Furandione.
108383	m-Benzene, dimethyl.
	m-Xylene.
108394	m-Cresol.
	m-Cresylic acid.
108463	Resorcinol.
	1,3-Benzenediol.
108601	Dichloroisopropyl ether.
	Propane, 2,2'-oxybis[2-chloro-
108883	Benzene, methyl-
	Toluene.
108907	Benzene, chloro-
	Chlorobenzene.
108941	Cyclohexanone.
108952	Benzene, hydroxy-
	Phenol.
108985	Benzenethiol.
	Thiophenol.
109068	Pyridine, 2-methyl-
	2-Picoline.
109739	Butylamine.
109773	Malononitrile.
	Propanedinitrile.
109897	Diethylamine.
109999	Furan, tetrahydro-
	Tetrahydrofuran.
110009	Furan.
	Furfuran.
110167	Maleic acid.
110178	Fumaric acid.
110190	iso-Butyl acetate.
110758	Ethene, 2-chloroethoxy-
	2-Chloroethyl vinyl ether.
110805	Ethanol, 2-ethoxy-
	Ethylene glycol monoethyl ether.
110827	Benzene, hexahydro-
	Cyclohexane.
110861	Pyridine.
111444	Bis (2-chloroethyl) ether.
	Dichloroethyl ether.
	Ethane, 1,1'-oxybis[2-chloro-
111546	Carbamodithioic acid, 1,2-ethanediybis, salts & esters.
	Ethylenebisdithiocarbamic acid, salts & esters.
111911	Bis(2-chloroethoxy) methane.
	Dichloromethoxy ethane.
	Ethane, 1,1'-[methylenebis(oxy)]bis(2-chloro-
115026	Azaserine.
	L-Serine, diazoacetate (ester).
115297	Endosulfan.
	6,9-Methano-2,4,3-benzodioxathiepin,
	6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-
	hexahydro-, 3-oxide.
115322	Dicofol.
116063	Aldicarb.
	Propanal, 2-methyl-2-(methylthio)-, 0-[(methylamino)carbonyl]oxime.
117806	Dichlone.
117817	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester.
	Bis(2-ethylhexyl)phthalate.
	DEHP.
	Diethylhexyl phthalate.
117840	Di-n-octyl phthalate.
	1,2-Benzenedicarboxylic acid, dioctyl ester.
118741	Benzene, hexachloro-
	Hexachlorobenzene.



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

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

CASRN	Hazardous substance
119380	Carbamic acid, dimethyl-, 3-methyl-1-(1-methylethyl)-1H-pyrazol-5-yl ester (Isolan).
119904	[1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethoxy-, 3,3'-Dimethoxybenzidine.
119937	[1,1'Biphenyl]-4,4'-diamine,3,3'-dimethyl-, 3,3'-Dimethylbenzidine.
120127	Anthracene.
120581	Isosafrole.
120821	1,3-Benzodioxole, 5-)1-propenyl)-.
120832	1,2,4-Trichlorobenzene.
121142	Phenol, 2,4-dichloro-, 2,4-Dichlorophenol.
121211	Benzene, 1-methyl-2,4-dinitro-, 2,4-Dinitrotoluene.
121299	Pyrethrins.
121448	Pyrethrins.
121755	Triethylamine.
122098	Malathion.
122394	alpha, alpha-Dimethylphenethylamine.
122429	Benzeneethanamine, alpha, alpha-dimethyl-, Diphenylamine.
122667	Carbamic acid, phenyl-, 1-methylethyl ester (Propham).
123331	Hydrazine, 1,2-diphenyl-, 1,2-Diphenylhydrazine.
123626	Maleic hydrazide.
123637	3,6-Pyridazinedione, 1,2-dihydro-, Propionic anhydride.
123739	Paraldehyde.
123864	1,3,5-Trioxane, 2,4,6-trimethyl-, Crotonaldehyde.
123911	2-Butenal.
123922	Butyl acetate.
124049	1,4-Diethyleneoxide.
124403	1,4-Diethylenedioxiide.
124414	1,4-Dioxane.
124481	iso-Amyl acetate.
126727	Adipic acid.
126987	Dimethylamine.
126998	Methanamine, N-methyl-, Sodium methylate.
127184	Chlorodibromomethane.
127822	Tris(2,3-dibromopropyl) phosphate.
129000	1-Propanol, 2,3-dibromo-, phosphate (3:1).
130154	Methacrylonitrile.
131113	2-Propenenitrile, 2-methyl-, 2-Chloro-1,3-butadiene.
131748	Ethene, tetrachloro-, Perchloroethylene.
131895	Tetrachloroethene.
133062	Zinc phenolsulfonate.
134327	Pyrene.
137268	1,4-Naphthalenedione.
137304	1,4-Naphthoquinone.
140885	Dimethyl phthalate.
	1,2-Benzenedicarboxylic acid, dimethyl ester.
	Ammonium picrate.
	Phenol, 2,4,6-trinitro-, ammonium salt.
	Phenol, 2-cyclohexyl-4,6-dinitro-, 2-Cyclohexyl-4,6-dinitrophenol.
	Captan.
	alpha-Naphthylamine.
	1-Naphthalenamine.
	Thioperoxydicarbonic diamide ((H2N)C(S))2S2, tetramethyl-, Thiram.
	Zinc, bis(dimethylcarbomodithioato-S,S')-, (Ziram).
	Ethyl acrylate.

CASRN	Hazardous substance
141786	2-Propenoic acid, ethyl ester.
142289	Acetic acid, ethyl ester.
142712	Ethyl acetate.
142847	1,3-Dichloropropane.
143339	Cupric acetate.
143500	Dipropylamine.
145733	1-Propanamine, N-propyl-, Sodium cyanide.
148823	Sodium cyanide Na(CN).
151508	Kepone.
151564	1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5a,5b,6-decachlorooctahydro-, Endothall.
152169	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid.
156605	L-Phenylalanine, 4-[bis(2-chloroethyl) amino].
189559	Melphalan.
191242	Potassium cyanide.
193395	Potassium cyanide K(CN).
205992	Aziridine.
206440	Ethyleneimine.
207089	Diphosphoramidate, octamethyl-, Octamethylpyrophosphoramidate.
208968	Ethene, 1,2-dichloro- (E).
218019	1,2-Dichloroethylene.
225514	Benzo [rst]pentaphene.
297972	Dibenz[a,i]pyrene.
298000	Benzo[ghi]perylene.
298022	Indeno(1,2,3-cd)pyrene.
298044	1,10-(1,2-Phenylene)pyrene.
300765	Benzo[b]fluoranthene.
301042	Benzo[j,k]fluorene.
302012	Fluoranthene.
303344	Benzo(k)fluoranthene.
305033	Acenaphthylene.
309002	Chrysene.
311455	1,2-Benzphenanthrene.
	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-oxobutoxy]methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester, [1S-[1alpha(Z),7(2S*,3R*),7aalpha]]-.
	Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]-.
	Chlorambucil.
	Aldrin.
	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1, 4,4a,5,8,8a-hexahydro-(1alpha,4 alpha,4beta,5alpha,8alpha,8beta)-.
	Diethyl-p-nitrophenyl phosphate.

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

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

CASRN	Hazardous substance
	Phosphoric acid, diethyl 4-nitrophenyl ester.
315184	Mexacarbate.
319846	alpha—BHC.
319857	beta—BHC.
319868	delta—BHC.
329715	2,5-Dinitrophenol.
330541	Diuron.
333415	Diazinon.
353504	Carbon oxyfluoride. Carbonic difluoride.
357573	Brucine. Strychnidin-10-one, 2,3-dimethoxy-.
460195	Cyanogen. Ethanedinitrile.
465736	Isodrin. 1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro (1alpha,4alpha,4abeta,5beta,8beta,8abeta)-.
492808	Auramine. Benzenamine, 4,4'-carbonimidoylbis (N,N-dimethyl(N,N-D,methyl)-).
494031	Chlornaphazine. Naphthalenamine, N,N'-bis(2-chloro-ethyl)-.
496720	Benzenediamine, ar-methyl-. Toluenediamine. 2,4-Toluene diamine.
504245	4-Aminopyridine. 4-Pyridinamine.
504609	1-Methylbutadiene. 1,3-Pentadiene.
506616	Argentate(1-), bis(cyano-C)-, potassium. Potassium silver cyanide.
506649	Silver cyanide. Silver cyanide Ag(CN).
506683	Cyanogen bromide. Cyanogen bromide (CN)Br.
506774	Cyanogen chloride. Cyanogen chloride (CN)Cl.
506876	Ammonium carbonate.
506967	Acetyl bromide.
509148	Methane, tetranitro-. Tetranitromethane.
510156	Benzenoacetic acid, 4-chloro- $\alpha$ - (4-chlorophenyl)- $\alpha$ -hydroxy-, ethyl ester. Chlorobenzilate.
513495	sec-Butylamine.
528290	o-Dinitrobenzene.
534521	4,6-Dinitro-o-cresol, and salts. Phenol, 2-methyl-4,6-dinitro-, & salts.
540738	Hydrazine, 1,2-dimethyl-. 1,2-Dimethylhydrazine.
540885	tert-Butyl acetate.
541093	Uranyl acetate.
541537	Dithiobiuret. Thioimidodicarbonic diamide [(H2N)C(S)2]NH.
541731	Benzene, 1,3-dichloro-. m-Dichlorobenzene. 1,3-Dichlorobenzene.
542621	Barium cyanide.
542756	1-Propene, 1,3-dichloro-. 1,3-Dichloropropene.
542767	Propanenitrile, 3-chloro-. 3-Chloropropionitrile.
542881	Bis(chloromethyl)ether. Dichloromethyl ether. Methane, oxybis(chloro)-.
543908	Cadmium acetate.
544183	Cobaltous formate.

CASRN	Hazardous substance
544923	Copper cyanide CuCN. Copper cyanide.
554847	m-Nitrophenol.
557197	Nickel cyanide. Nickel cyanide Ni(CN)2.
557211	Zinc cyanide. Zinc cyanide Zn(CN)2.
557346	Zinc acetate.
557415	Zinc formate.
563122	Ethion.
563688	Acetic acid, thallium(1+) salt. Thallium(I) acetate.
573568	2,6-Dinitrophenol.
584849	Benzene, 1,3-diisocyanatomethyl-. Toluene diisocyanate. 2,4-Toluene diisocyanate.
591082	Acetamide, N-(aminothioxomethyl)-. 1-Acetyl-2-thiourea.
592018	Calcium cyanide. Calcium cyanide Ca(CN)2.
592041	Mercuric cyanide.
592858	Mercuric thiocyanate.
592870	Lead thiocyanate.
594423	Methanesulfonyl chloride, trichloro-. Trichloromethanesulfonyl chloride. Bromoacetone.
598312	2-Propanone, 1-bromo-.
606202	Benzene, 1-methyl-1,3-dinitro-. 2,6-Dinitrotoluene.
608731	HEXACHLOROCYCLOHEXANE (all isomers).
608935	Benzene, pentachloro-. Pentachlorobenzene.
609198	3,4,5-Trichlorophenol.
610399	3,4-Dinitrotoluene.
615532	Carbamic acid, methylnitroso-, ethyl ester. N-Nitroso-N-methylurethane.
616239	n-,2,3 Dichloropropanol.
621647	Di-n-propylnitrosamine. 1-Propanamine, N-nitroso-N-propyl-.
624839	Methane, isocyanato-. Methyl isocyanate.
625161	tert-Amyl acetate.
626380	sec-Amyl acetate.
628637	Amyl acetate.
628864	Fulminic acid, mercury(2+)salt. Mercury fulminate.
630104	Selenourea.
630206	Ethane, 1,1,1,2-tetrachloro-. 1,1,1,2-Tetrachloroethane.
631618	Ammonium acetate.
636215	Benzenamine, 2-methyl-, hydrochloride. o-Toluidine hydrochloride.
640197	Acetamide, 2-fluoro-. Fluoroacetamide.
644644	Carbamic acid, dimethyl-, 1-[[dimethylamino]carbonyl]-5-methyl-1H-pyrazol-3-yl ester (Dimetilan).
684935	N-Nitroso-N-methylurea. Urea, N-methyl-N-nitroso.
692422	Arsine, diethyl-. Diethylarsine.
696286	Arsonous dichloride, phenyl-. Dichlorophenylarsine.
757584	Hexaethyl tetraphosphate. Tetraphosphoric acid, hexaethyl ester.
759739	N-Nitroso-N-ethylurea. Urea, N-ethyl-N-nitroso-.
764410	1,4-Dichloro-2-butene. 2-Butene, 1,4-dichloro-.
765344	Glycidylaldehyde.

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

CASRN	Hazardous substance
815827	Oxiranecarboxyaldehyde.
823405	Cupric tartrate. Benzenediamine, ar-methyl- Toluenediamine. 2,4-Toluene diamine.
924163	N-Nitrosodi-n-butylamine. 1-Butanamine, N-butyl-N-nitroso-.
930552	N-Nitrosopyrrolidine. Pyrrolidine, 1-nitroso-.
933755	2,3,6-Trichlorophenol.
933788	2,3,5-Trichlorophenol.
959988	alpha-Endosulfan.
1024573	Heptachlor epoxide.
1031078	Endosulfan sulfate.
1066304	Chromic acetate.
1066337	Ammonium bicarbonate.
1072351	Lead stearate.
1111780	Ammonium carbamate.
1116547	Ethanol, 2,2'-(nitrosoimino)bis- N-Nitrosodiethanolamine.
1120714	1,2-Oxathiolane, 2,2-dioxide. 1,3-Propane sultone.
1129415	Carbamic acid, methyl-, 3-methylphenyl ester (Metolcarb).
1185575	Ferric ammonium citrate.
1194656	Dichlobenil.
1300716	Xylenol.
1303282	Arsenic oxide As2O5. Arsenic pentoxide.
1303328	Arsenic disulfide.
1303339	Arsenic trisulfide.
1309644	Antimony trioxide.
1310583	Potassium hydroxide.
1310732	Sodium hydroxide.
1314325	Thallic oxide. Thallium oxide Tl2O3.
1314621	Vanadium oxide V2O5. Vanadium pentoxide.
1314803	Phosphorus pentasulfide. Phosphorus sulfide. Sulfur phosphide.
1314847	Zinc phosphide. Zinc phosphide Zn3P2, when present at concentrations greater than 10%.
1314870	Lead sulfide.
1319728	2,4,5-T amines.
1319773	Cresol(s). Cresylic acid. Phenol, methyl- 2,4-D Ester.
1320189	Nitrotoluene.
1321126	Arsenic acid.
1327522	Arsenic acid H3AsO4.
1327533	Arsenic oxide As2O3. Arsenic trioxide.
1330207	Benzene, dimethyl. Xylene (mixed).
1332076	Zinc borate.
1332214	Asbestos.
1333831	Sodium bifluoride.
1335326	Lead subacetate. Lead, bis(acetato-O)tetrahydroxytri.
1336216	Ammonium hydroxide.
1336363	Aroclors. PCBs. POLYCHLORINATED BIPHENYLS.
1338234	Methyl ethyl ketone peroxide. 2-Butanone peroxide.
1338245	Naphthenic acid.
1341497	Ammonium bifluoride.

CASRN	Hazardous substance
1464535	1,2:3,4-Diepoxybutane.
1563388	2,2'-Bioxirane. 7-Benzofuranol, 2,3-dihydro-2,2-dimethyl- (Carbofuran phenol).
1563662	Carbofuran.
1615801	Hydrazine, 1,2-diethyl- N,N'-Diethylhydrazine.
1646884	Propanal, 2-methyl-2-(methylsulfonyl)-, O- [(methylamino)carbonyl] oxime (Aldicarb sulfone).
1746016	TCDD. 2,3,7,8-Tetrachlorodibenzo-p-dioxin.
1762954	Ammonium thiocyanate.
1863634	Ammonium benzoate.
1888717	Hexachloropropene. 1-Propene, 1,1,2,3,3,3-hexachloro-.
1918009	Dicamba.
1928387	2,4-D Ester.
1928478	2,4,5-T esters.
1928616	2,4-D Ester.
1929733	2,4-D Ester.
2008460	2,4,5-T amines.
2032657	Mercaptodimethur.
2303164	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester. Diallate.
2303175	Carbamothioic acid, bis(1-methylethyl)-, S- (2,3,3-trichloro-2-propenyl) ester (Triallate).
2312358	Propargite.
2545597	2,4,5-T esters.
2631370	Phenol, 3-methyl-5-(1-methylethyl)-, methyl carbamate (Promecarb).
2763964	Muscimol. 3(2H)-Isoxazolone, 5-(aminomethyl)- 5-(Aminomethyl)-3-isoxazolol.
2764729	Diquat
2921882	Chlorpyrifos.
2944674	Ferric ammonium oxalate.
2971382	2,4-D Ester.
3012655	Ammonium citrate, dibasic.
3164292	Ammonium tartrate.
3165933	Benzenamine, 4-chloro-2-methyl-, hydrochloride. 4-Chloro-o-toluidine, hydrochloride.
3251238	Cupric nitrate.
3288582	O,O-Diethyl S-methyl dithiophosphate. Phosphorodithioic acid, O,O-diethyl S-methyl ester.
3486359	Zinc carbonate.
3689245	Tetraethyldithiopyrophosphate. Thiodiphosphoric acid, tetraethyl ester.
3813147	2,4,5-T amines.
4170303	Crotonaldehyde. 2-Butenal.
4549400	N-Nitrosomethylvinylamine. Vinylamine, N-methyl-N-nitroso-.
5344821	Thiourea, (2-chlorophenyl)- 1-(o-Chlorophenyl)thiourea.
5893663	Cupric oxalate.
5952261	Ethanol, 2,2'-oxybis-, dicarbamate (Diethylene glycol, dicarbamate).
5972736	Ammonium oxalate.
6009707	Ammonium oxalate.
6369966	2,4,5-T amines.
6369977	2,4,5-T amines.
6533739	Carbonic acid, dithallium(1+) salt. Thallium(I) carbonate.
7005723	4-Chlorophenyl phenyl ether.
7421934	Endrin aldehyde.
7428480	Lead stearate.

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

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

CASRN	Hazardous substance
7439921	Lead.
7439976	Mercury.
7440020	Nickel.
7440224	Silver.
7440235	Sodium.
7440280	Thallium.
7440360	Antimony.
7440382	Arsenic.
7440417	Beryllium powder.
7440439	Cadmium.
7440473	Chromium.
7440508	Copper.
7440666	Zinc.
7446084	Selenium dioxide.
	Selenium oxide.
7446142	Lead sulfate.
7446186	Sulfuric acid, dithallium(1+) salt.
	Thallium(I) sulfate.
7446277	Lead phosphate.
	Phosphoric acid, lead(2+) salt (2:3).
7447394	Cupric chloride.
7488564	Selenium sulfide.
	Selenium sulfide SeS2.
7558794	Sodium phosphate, dibasic.
7601549	Sodium phosphate, tribasic.
7631892	Sodium arsenate.
7631905	Sodium bisulfite.
7632000	Sodium nitrite.
7645252	Lead arsenate.
7646857	Zinc chloride.
7647010	Hydrochloric acid.
	Hydrogen chloride.
7647189	Antimony pentachloride.
7664382	Phosphoric acid.
7664393	Hydrofluoric acid.
	Hydrogen fluoride.
7664417	Ammonia.
7664939	Sulfuric acid.
7681494	Sodium fluoride.
7681529	Sodium hypochlorite.
7697372	Nitric acid.
7699458	Zinc bromide.
7705080	Ferric chloride.
7718549	Nickel chloride.
7719122	Phosphorus trichloride.
7720787	Ferrous sulfate.
7722647	Potassium permanganate.
7723140	Phosphorus.
7733020	Zinc sulfate.
7738945	Chromic acid.
7758294	Sodium phosphate, tribasic.
7758943	Ferrous chloride.
7758954	Lead chloride.
7758987	Cupric sulfate.
7761888	Silver nitrate.
7773060	Ammonium sulfamate.
7775113	Sodium chromate.
7778394	Arsenic acid.
	Arsenic acid H3AsO4.
7778441	Calcium arsenate.
7778509	Potassium bichromate.
7778543	Calcium hypochlorite.
7779864	Zinc hydrosulfite.
7779886	Zinc nitrate.
7782414	Fluorine.
7782492	Selenium.
7782505	Chlorine.
7782630	Ferrous sulfate.
7782823	Sodium selenite.
7782867	Mercurous nitrate.

CASRN	Hazardous substance
7783008	Selenious acid.
7783064	Hydrogen sulfide.
	Hydrogen sulfide H2S.
7783359	Mercuric sulfate.
7783462	Lead fluoride.
7783495	Zinc fluoride.
7783508	Ferric fluoride.
7783564	Antimony trifluoride.
7784341	Arsenic trichloride.
7784409	Lead arsenate.
7784410	Potassium arsenate.
7784465	Sodium arsenite.
7785844	Sodium phosphate, tribasic.
7786347	Meviphos.
7786814	Nickel sulfate.
7787475	Beryllium chloride.
7787497	Beryllium fluoride.
7787555	Beryllium nitrate.
7788989	Ammonium chromate.
7789006	Potassium chromate.
7789062	Strontium chromate.
7789095	Ammonium bichromate.
7789426	Cadmium bromide.
7789437	Cobaltous bromide.
7789619	Antimony tribromide.
7790945	Chlorosulfonic acid.
7791120	Thallium chloride TlCl.
	Thallium(I) chloride.
7803512	Hydrogen phosphide.
	Phosphine.
7803556	Ammonium vanadate.
	Vanadic acid, ammonium salt.
8001352	Camphene, octachloro-.
	Chlorinated camphene.
	Toxaphene.
8001589	Creosote.
8003198	Dichloropropane—Dichloropropene (mixture).
8003347	Pyrethrins.
8014957	Sulfuric acid.
10022705	Sodium hypochlorite.
10025873	Phosphorus oxychloride.
10025919	Antimony trichloride.
10026116	Zirconium tetrachloride.
10028225	Ferric sulfate.
10031591	Sulfuric acid, dithallium(1+) salt.
	Thallium(I) sulfate.
10039324	Sodium phosphate, dibasic.
10043013	Aluminum sulfate.
10045893	Ferrous ammonium sulfate.
10045940	Mercuric nitrate.
10049055	Chromous chloride.
10099748	Lead nitrate.
10101538	Chromic sulfate.
10101630	Lead iodide.
10101890	Sodium phosphate, tribasic.
10102064	Uranyl nitrate.
10102188	Sodium selenite.
10102439	Nitric oxide.
	Nitrogen oxide NO.
10102440	Nitrogen dioxide.
	Nitrogen oxide NO2.
10102451	Nitric acid, thallium(1+) salt.
	Thallium(I) nitrate.
10102484	Lead arsenate.
10108642	Cadmium chloride.
10124502	Potassium arsenite.
10124568	Sodium phosphate, tribasic.
10140655	Sodium phosphate, dibasic.
10192300	Ammonium bisulfite.
10196040	Ammonium sulfite.

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

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

CASRN	Hazardous substance
10361894	Sodium phosphate, tribasic.
10380297	Cupric sulfate, ammoniated.
10415755	Mercurous nitrate.
10421484	Ferric nitrate.
10544726	Nitrogen dioxide. Nitrogen oxide NO2.
10588019	Sodium bichromate.
10605217	Carbamic acid, 1H-benzimidazol-2-yl, methyl ester (Carbendazim).
11096825	Aroclor 1260. Aroclors. PCBs. POLYCHLORINATED BIPHENYLS.
11097691	Aroclor 1254. Aroclors. PCBs. POLYCHLORINATED BIPHENYLS.
11104282	Aroclor 1221. Aroclors. PCBs. POLYCHLORINATED BIPHENYLS.
11115745	Chromic acid.
11141165	Aroclor 1232. Aroclors. PCBs. POLYCHLORINATED BIPHENYLS.
12002038	Cupric acetoarsenite.
12039520	Selenious acid, dithallium(1+) salt. Thallium selenite.
12054487	Nickel hydroxide.
12125018	Ammonium fluoride.
12125029	Ammonium chloride.
12135761	Ammonium sulfide.
12672296	Aroclor 1248. Aroclors. PCBs. POLYCHLORINATED BIPHENYLS.
12674112	Aroclor 1016. Aroclors. PCBs. POLYCHLORINATED BIPHENYLS.
12771083	Sulfur monochloride.
13463393	Nickel carbonyl. Nickel carbonyl Ni(CO)4, (T-4)-, 2,4,5-T salts.
13560991	Beryllium nitrate.
13597994	Zirconium nitrate.
13746899	Calcium chromate.
13765190	Chromic acid H2CrO4, calcium salt. Lead fluoborate.
13814965	Ammonium fluoborate.
13826830	sec-Butylamine.
13952846	Cobaltous sulfamate.
14017415	Nickel nitrate.
14216752	Ammonium oxalate.
14258492	Lithium chromate.
14307358	Ammonium tartrate.
14307438	Zinc ammonium chloride.
14639975	Zinc ammonium chloride.
14639986	Zinc ammonium chloride.
14644612	Zirconium sulfate.
15339363	Manganese, bis(dimethylcarbomodithioato-S,S')- (Manganese dimethyldithiocarbamate).
15699180	Nickel ammonium sulfate.
15739807	Lead sulfate.
15950660	2,3,4-Trichlorophenol.
16721805	Sodium hydrosulfide.
16752775	Ethanimidothioic acid, N-[[[(methylamino)carbonyl]oxy]-, methyl ester. Methomyl.

CASRN	Hazardous substance
16871719	Zinc silicofluoride.
16919190	Ammonium silicofluoride.
16923958	Zirconium potassium fluoride.
17702577	Methanimidamide, N,N-dimethyl-N'-[2-methyl-4-[[[(methylamino)carbonyl]oxy]phenyl]- (Formparanate).
17804352	Carbamic acid, [1-[(butylamino)carbonyl]-1H-benzimidazol-2-yl, methyl ester (Benomyl).
18883664	D-Glucose, 2-deoxy-2-[[[(methylnitrosoamino)carbonyl]amino]-, 2-deoxy-2-(3-methyl-3-nitrosoureido)-. Streptozotocin.
20816120	Osmium oxide OsO4 (T-4). Osmium tetroxide.
20830813	Daunomycin. 5,12-Naphthacenedione, 8-acetyl-10-[3-amino-2,3,6-trideoxy-alpha-L-lyxo-hexopyranosyl]oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-.
20859738	Aluminum phosphide.
22781233	1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate (Bendiocarb).
22961826	1,3-Benzodioxol-4-ol, 2,2-dimethyl-, (Bendiocarb phenol).
23135220	Ethanimidothioic acid, 2-(dimethylamino)-N-[[[(methylamino)carbonyl]oxy]-2-oxo-, methyl ester (Oxamyl).
23422539	Methanimidamide, N,N-dimethyl-N'-[3-[[[(methylamino)carbonyl]oxy]phenyl]-, monohydrochloride (Formetanate hydrochloride).
23564058	Carbamic acid, [1,2-phenylenebis(iminocarbonothioyl)]bis-, dimethyl ester (Thiophanate-methyl).
23950585	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propenyl)-. Pronamide.
25154545	Dinitrobenzene (mixed).
25154556	Nitrophenol (mixed).
25155300	Sodium dodecylbenzenesulfonate.
25167822	Trichlorophenol.
25168154	2,4,5-T esters.
25168267	2,4-D Ester.
25321146	Dinitrotoluene.
25321226	Dichlorobenzene.
25376458	Benzenediamine, ar-methyl-. Toluenediamine. 2,4-Toluene diamine. Dinitrophenol.
25550587	Calcium dodecylbenzenesulfonate.
26264062	1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O-[[[(methylamino)carbonyl]oxime (Tirpate).
26419738	Benzene, 1,3-diisocyanatomethyl-. Toluene diisocyanate. 2,4-Toluene diisocyanate.
26628228	Sodium azide.
26638197	Dichloropropane.
26952238	Dichloropropene.
27176870	Dodecylbenzenesulfonic acid.
27323417	Triethanolamine dodecylbenzene sulfonate.
27774136	Vanadyl sulfate.
28300745	Antimony potassium tartrate.
30525894	Paraformaldehyde.
30558431	Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo-, methyl ester (A2213).
32534955	2,4,5-TP esters.
33213659	beta - Endosulfan.
36478769	Uranyl nitrate.

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

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

**APPENDIX B TO § 302.4—RADIONUCLIDES**

Radionuclide	Atomic Number	Final RQ Ci (Bq)
Radionuclides®		1& (3.7E 10)
Actinium-224	89	100 (3.7E 12)
Actinium-225	89	1 (3.7E 10)
Actinium-226	89	10 (3.7E 11)
Actinium-227	89	0.001 (3.7E 7)
Actinium-228	89	10 (3.7E 11)
Aluminum-26	13	10 (3.7E 11)
Americium-237	95	1000 (3.7E 13)
Americium-238	95	100 (3.7E 12)
Americium-239	95	100 (3.7E 12)
Americium-240	95	10 (3.7E 11)
Americium-241	95	0.01 (3.7E 8)
Americium-242m	95	0.01 (3.7E 8)
Americium-242	95	100 (3.7E 12)
Americium-243	95	0.01 (3.7E 8)
Americium-244m	95	1000 (3.7E 13)
Americium-244	95	10 (3.7E 11)
Americium-245	95	1000 (3.7E 13)
Americium-246m	95	1000 (3.7E 13)
Americium-246	95	1000 (3.7E 13)
Antimony-115	51	1000 (3.7E 13)
Antimony-116m	51	100 (3.7E 12)
Antimony-116	51	1000 (3.7E 13)
Antimony-117	51	1000 (3.7E 13)
Antimony-118m	51	10 (3.7E 11)
Antimony-119	51	1000 (3.7E 13)
Antimony-120 (16 min)	51	1000 (3.7E 13)
Antimony-120 (5.76 day)	51	10 (3.7E 11)
Antimony-122	51	10 (3.7E 11)
Antimony-124m	51	1000 (3.7E 13)
Antimony-124	51	10 (3.7E 11)
Antimony-125	51	10 (3.7E 11)
Antimony-126m	51	1000 (3.7E 13)
Antimony-126	51	10 (3.7E 11)
Antimony-127	51	10 (3.7E 11)
Antimony-128 (10.4 min)	51	1000 (3.7E 13)
Antimony-128 (9.01 hr)	51	10 (3.7E 11)
Antimony-129	51	100 (3.7E 12)

**APPENDIX B TO § 302.4—RADIONUCLIDES—  
Continued**

Radionuclide	Atomic Number	Final RQ Ci (Bq)
Antimony-130	51	100 (3.7E 12)
Antimony-131	51	1000 (3.7E 13)
Argon-39	18	1000 (3.7E 13)
Argon-41	18	10 (3.7E 11)
Arsenic-69	33	1000 (3.7E 13)
Arsenic-70	33	100 (3.7E 12)
Arsenic-71	33	100 (3.7E 12)
Arsenic-72	33	10 (3.7E 11)
Arsenic-73	33	100 (3.7E 12)
Arsenic-74	33	10 (3.7E 11)
Arsenic-76	33	100 (3.7E 12)
Arsenic-77	33	1000 (3.7E 13)
Arsenic-78	33	100 (3.7E 12)
Astatine-207	85	100 (3.7E 12)
Astatine-211	85	100 (3.7E 12)
Barium-126	56	1000 (3.7E 13)
Barium-128	56	10 (3.7E 11)
Barium-131m	56	1000 (3.7E 13)
Barium-131	56	10 (3.7E 11)
Barium-133m	56	100 (3.7E 12)
Barium-133	56	10 (3.7E 11)
Barium-135m	56	1000 (3.7E 13)
Barium-139	56	1000 (3.7E 13)
Barium-140	56	10 (3.7E 11)
Barium-141	56	1000 (3.7E 13)
Barium-142	56	1000 (3.7E 13)
Berkelium-245	97	100 (3.7E 12)
Berkelium-246	97	10 (3.7E 11)
Berkelium-247	97	0.01 (3.7E 8)
Berkelium-249	97	1 (3.7E 10)
Berkelium-250	97	100 (3.7E 12)
Beryllium-7	4	100 (3.7E 12)
Beryllium-10	4	1 (3.7E 10)
Bismuth-200	83	100 (3.7E 12)
Bismuth-201	83	100 (3.7E 12)
Bismuth-202	83	1000 (3.7E 13)
Bismuth-203	83	10 (3.7E 11)
Bismuth-205	83	10 (3.7E 11)
Bismuth-206	83	10 (3.7E 11)
Bismuth-207	83	10 (3.7E 11)
Bismuth-210m	83	0.1 (3.7E 9)
Bismuth-210	83	10 (3.7E 11)
Bismuth-212	83	100 (3.7E 12)
Bismuth-213	83	100 (3.7E 12)
Bismuth-214	83	100 (3.7E 12)
Bromine-74m	35	100 (3.7E 12)
Bromine-74	35	100 (3.7E 12)
Bromine-75	35	100 (3.7E 12)
Bromine-76	35	10 (3.7E 11)
Bromine-77	35	100 (3.7E 12)
Bromine-80m	35	1000 (3.7E 13)
Bromine-80	35	1000 (3.7E 13)
Bromine-82	35	10 (3.7E 11)
Bromine-83	35	1000 (3.7E 13)
Bromine-84	35	100 (3.7E 12)
Cadmium-104	48	1000 (3.7E 13)
Cadmium-107	48	1000 (3.7E 13)
Cadmium-109	48	1 (3.7E 10)
Cadmium-113m	48	0.1 (3.7E 9)
Cadmium-113	48	0.1 (3.7E 9)
Cadmium-115m	48	10 (3.7E 11)
Cadmium-115	48	100 (3.7E 12)
Cadmium-117m	48	10 (3.7E 11)
Cadmium-117	48	100 (3.7E 12)
Calcium-41	20	10 (3.7E 11)
Calcium-45	20	10 (3.7E 11)
Calcium-47	20	10 (3.7E 11)
Californium-244	98	1000 (3.7E 13)
Californium-246	98	10 (3.7E 11)
Californium-248	98	0.1 (3.7E 9)

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APPENDIX B TO § 302.4—RADIONUCLIDES—  
Continued

APPENDIX B TO § 302.4—RADIONUCLIDES—  
Continued

Radionuclide	Atomic Number	Final RQ Ci (Bq)
Californium-249	98	0.01 (3.7E 8)
Californium-250	98	0.01 (3.7E 8)
Californium-251	98	0.01 (3.7E 8)
Californium-252	98	0.1 (3.7E 9)
Californium-253	98	10 (3.7E 11)
Californium-254	98	0.1 (3.7E 9)
Carbon-11	6	1000 (3.7E 13)
Carbon-14	6	10 (3.7E 11)
Cerium-134	58	10 (3.7E 11)
Cerium-135	58	10 (3.7E 11)
Cerium-137m	58	100 (3.7E 12)
Cerium-137	58	1000 (3.7E 13)
Cerium-139	58	100 (3.7E 12)
Cerium-141	58	10 (3.7E 11)
Cerium-143	58	100 (3.7E 12)
Cerium-144	58	1 (3.7E 10)
Cesium-125	55	1000 (3.7E 13)
Cesium-127	55	100 (3.7E 12)
Cesium-129	55	100 (3.7E 12)
Cesium-130	55	1000 (3.7E 13)
Cesium-131	55	1000 (3.7E 13)
Cesium-132	55	10 (3.7E 11)
Cesium-134m	55	1000 (3.7E 13)
Cesium-134	55	1 (3.7E 10)
Cesium-135m	55	100 (3.7E 12)
Cesium-135	55	10 (3.7E 11)
Cesium-136	55	10 (3.7E 11)
Cesium-137	55	1 (3.7E 10)
Cesium-138	55	100 (3.7E 12)
Chlorine-36	17	10 (3.7E 11)
Chlorine-38	17	100 (3.7E 12)
Chlorine-39	17	100 (3.7E 12)
Chromium-48	24	100 (3.7E 12)
Chromium-49	24	1000 (3.7E 13)
Chromium-51	24	1000 (3.7E 13)
Cobalt-55	27	10 (3.7E 11)
Cobalt-56	27	10 (3.7E 11)
Cobalt-57	27	100 (3.7E 12)
Cobalt-58m	27	1000 (3.7E 13)
Cobalt-58	27	10 (3.7E 11)
Cobalt-60m	27	1000 (3.7E 13)
Cobalt-60	27	10 (3.7E 11)
Cobalt-61	27	1000 (3.7E 13)
Cobalt-62m	27	1000 (3.7E 13)
Copper-60	29	100 (3.7E 12)
Copper-61	29	100 (3.7E 12)
Copper-64	29	1000 (3.7E 13)
Copper-67	29	100 (3.7E 12)
Curium-238	96	1000 (3.7E 13)
Curium-240	96	1 (3.7E 10)
Curium-241	96	10 (3.7E 11)
Curium-242	96	1 (3.7E 10)
Curium-243	96	0.01 (3.7E 8)
Curium-244	96	0.01 (3.7E 8)
Curium-245	96	0.01 (3.7E 8)
Curium-246	96	0.01 (3.7E 8)
Curium-247	96	0.01 (3.7E 8)
Curium-248	96	0.001 (3.7E 7)
Curium-249	96	1000 (3.7E 13)
Dysprosium-155	66	100 (3.7E 12)
Dysprosium-157	66	100 (3.7E 12)
Dysprosium-159	66	100 (3.7E 12)
Dysprosium-165	66	1000 (3.7E 13)
Dysprosium-166	66	10 (3.7E 11)
Einsteinium-250	99	10 (3.7E 11)
Einsteinium-251	99	1000 (3.7E 13)
Einsteinium-253	99	10 (3.7E 11)
Einsteinium-254m	99	1 (3.7E 10)
Einsteinium-254	99	0.1 (3.7E 9)
Erbium-161	68	100 (3.7E 12)

Radionuclide	Atomic Number	Final RQ Ci (Bq)
Erbium-165	68	1000 (3.7E 13)
Erbium-169	68	100 (3.7E 12)
Erbium-171	68	100 (3.7E 12)
Erbium-172	68	10 (3.7E 11)
Europium-145	63	10 (3.7E 11)
Europium-146	63	10 (3.7E 11)
Europium-147	63	10 (3.7E 11)
Europium-148	63	10 (3.7E 11)
Europium-149	63	100 (3.7E 12)
Europium-150 (12.6 hr)	63	1000 (3.7E 13)
Europium-150 (34.2 yr)	63	10 (3.7E 11)
Europium-152m	63	100 (3.7E 12)
Europium-152	63	10 (3.7E 11)
Europium-154	63	10 (3.7E 11)
Europium-155	63	10 (3.7E 11)
Europium-156	63	10 (3.7E 11)
Europium-157	63	10 (3.7E 11)
Europium-158	63	1000 (3.7E 13)
Fermium-252	100	10 (3.7E 11)
Fermium-253	100	10 (3.7E 11)
Fermium-254	100	100 (3.7E 12)
Fermium-255	100	100 (3.7E 12)
Fermium-257	100	1 (3.7E 10)
Fluorine-18	9	1000 (3.7E 13)
Francium-222	87	100 (3.7E 12)
Francium-223	87	100 (3.7E 12)
Gadolinium-145	64	100 (3.7E 12)
Gadolinium-146	64	10 (3.7E 11)
Gadolinium-147	64	10 (3.7E 11)
Gadolinium-148	64	0.001 (3.7E 7)
Gadolinium-149	64	100 (3.7E 12)
Gadolinium-151	64	100 (3.7E 12)
Gadolinium-152	64	0.001 (3.7E 7)
Gadolinium-153	64	10 (3.7E 11)
Gadolinium-159	64	1000 (3.7E 13)
Gallium-65	31	1000 (3.7E 13)
Gallium-66	31	10 (3.7E 11)
Gallium-67	31	100 (3.7E 12)
Gallium-68	31	1000 (3.7E 13)
Gallium-70	31	1000 (3.7E 13)
Gallium-72	31	10 (3.7E 11)
Gallium-73	31	100 (3.7E 12)
Germanium-66	32	100 (3.7E 12)
Germanium-67	32	1000 (3.7E 13)
Germanium-68	32	10 (3.7E 11)
Germanium-69	32	10 (3.7E 11)
Germanium-71	32	1000 (3.7E 13)
Germanium-75	32	1000 (3.7E 13)
Germanium-77	32	10 (3.7E 11)
Germanium-78	32	1000 (3.7E 13)
Gold-193	79	100 (3.7E 12)
Gold-194	79	10 (3.7E 11)
Gold-195	79	100 (3.7E 12)
Gold-198m	79	10 (3.7E 11)
Gold-198	79	100 (3.7E 12)
Gold-199	79	100 (3.7E 12)
Gold-200m	79	10 (3.7E 11)
Gold-200	79	1000 (3.7E 13)
Gold-201	79	1000 (3.7E 13)
Hafnium-170	72	100 (3.7E 12)
Hafnium-172	72	1 (3.7E 10)
Hafnium-173	72	100 (3.7E 12)
Hafnium-175	72	100 (3.7E 12)
Hafnium-177m	72	1000 (3.7E 13)
Hafnium-178m	72	0.1 (3.7E 9)
Hafnium-179m	72	100 (3.7E 12)
Hafnium-180m	72	100 (3.7E 12)
Hafnium-181	72	10 (3.7E 11)
Hafnium-182m	72	100 (3.7E 12)
Hafnium-182	72	0.1 (3.7E 9)

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APPENDIX B TO § 302.4—RADIONUCLIDES—  
Continued

APPENDIX B TO § 302.4—RADIONUCLIDES—  
Continued

Radionuclide	Atomic Number	Final RQ Ci (Bq)
Hafnium-183	72	100 (3.7E 12)
Hafnium-184	72	100 (3.7E 12)
Holmium-155	67	1000 (3.7E 13)
Holmium-157	67	1000 (3.7E 13)
Holmium-159	67	1000 (3.7E 13)
Holmium-161	67	1000 (3.7E 13)
Holmium-162m	67	1000 (3.7E 13)
Holmium-162	67	1000 (3.7E 13)
Holmium-164m	67	1000 (3.7E 13)
Holmium-164	67	1000 (3.7E 13)
Holmium-166m	67	1 (3.7E 10)
Holmium-166	67	100 (3.7E 12)
Holmium-167	67	100 (3.7E 12)
Hydrogen-3	1	100 (3.7E 12)
Indium-109	49	100 (3.7E 12)
Indium-110 (69.1 min)	49	100 (3.7E 12)
Indium-110 (4.9 hr)	49	10 (3.7E 11)
Indium-111	49	100 (3.7E 12)
Indium-112	49	1000 (3.7E 13)
Indium-113m	49	1000 (3.7E 13)
Indium-114m	49	10 (3.7E 11)
Indium-115m	49	100 (3.7E 12)
Indium-115	49	0.1 (3.7E 9)
Indium-116m	49	100 (3.7E 12)
Indium-117m	49	100 (3.7E 12)
Indium-117	49	1000 (3.7E 13)
Indium-119m	49	1000 (3.7E 13)
Iodine-120m	53	100 (3.7E 12)
Iodine-120	53	10 (3.7E 11)
Iodine-121	53	100 (3.7E 12)
Iodine-123	53	10 (3.7E 11)
Iodine-124	53	0.1 (3.7E 9)
Iodine-125	53	0.01 (3.7E 8)
Iodine-126	53	0.01 (3.7E 8)
Iodine-128	53	1000 (3.7E 13)
Iodine-129	53	0.001 (3.7E 7)
Iodine-130	53	1 (3.7E 10)
Iodine-131	53	0.01 (3.7E 8)
Iodine-132m	53	10 (3.7E 11)
Iodine-132	53	10 (3.7E 11)
Iodine-133	53	0.1 (3.7E 9)
Iodine-134	53	100 (3.7E 12)
Iodine-135	53	10 (3.7E 11)
Iridium-182	77	1000 (3.7E 13)
Iridium-184	77	100 (3.7E 12)
Iridium-185	77	100 (3.7E 12)
Iridium-186	77	10 (3.7E 11)
Iridium-187	77	100 (3.7E 12)
Iridium-188	77	10 (3.7E 11)
Iridium-189	77	100 (3.7E 12)
Iridium-190m	77	1000 (3.7E 13)
Iridium-190	77	10 (3.7E 11)
Iridium-192m	77	100 (3.7E 12)
Iridium-192	77	10 (3.7E 11)
Iridium-194m	77	10 (3.7E 11)
Iridium-194	77	100 (3.7E 12)
Iridium-195m	77	100 (3.7E 12)
Iridium-195	77	1000 (3.7E 13)
Iron-52	26	100 (3.7E 12)
Iron-55	26	100 (3.7E 12)
Iron-59	26	10 (3.7E 11)
Iron-60	26	0.1 (3.7E 9)
Krypton-74	36	10 (3.7E 11)
Krypton-76	36	10 (3.7E 11)
Krypton-77	36	10 (3.7E 11)
Krypton-79	36	100 (3.7E 12)
Krypton-81	36	1000 (3.7E 13)
Krypton-83m	36	1000 (3.7E 13)
Krypton-85m	36	100 (3.7E 12)
Krypton-85	36	1000 (3.7E 13)

Radionuclide	Atomic Number	Final RQ Ci (Bq)
Krypton-87	36	10 (3.7E 11)
Krypton-88	36	10 (3.7E 11)
Lanthanum-131	57	1000 (3.7E 13)
Lanthanum-132	57	100 (3.7E 12)
Lanthanum-135	57	1000 (3.7E 13)
Lanthanum-137	57	10 (3.7E 11)
Lanthanum-138	57	1 (3.7E 10)
Lanthanum-140	57	10 (3.7E 11)
Lanthanum-141	57	1000 (3.7E 13)
Lanthanum-142	57	100 (3.7E 12)
Lanthanum-143	57	1000 (3.7E 13)
Lead-195m	82	1000 (3.7E 13)
Lead-198	82	100 (3.7E 12)
Lead-199	82	100 (3.7E 12)
Lead-200	82	100 (3.7E 12)
Lead-201	82	100 (3.7E 12)
Lead-202m	82	10 (3.7E 11)
Lead-202	82	1 (3.7E 10)
Lead-203	82	100 (3.7E 12)
Lead-205	82	100 (3.7E 12)
Lead-209	82	1000 (3.7E 13)
Lead-210	82	0.01 (3.7E 8)
Lead-211	82	100 (3.7E 12)
Lead-212	82	10 (3.7E 11)
Lead-214	82	100 (3.7E 12)
Lutetium-169	71	10 (3.7E 11)
Lutetium-170	71	10 (3.7E 11)
Lutetium-171	71	10 (3.7E 11)
Lutetium-172	71	10 (3.7E 11)
Lutetium-173	71	100 (3.7E 12)
Lutetium-174m	71	10 (3.7E 11)
Lutetium-174	71	10 (3.7E 11)
Lutetium-176m	71	1000 (3.7E 13)
Lutetium-176	71	1 (3.7E 10)
Lutetium-177m	71	10 (3.7E 11)
Lutetium-177	71	100 (3.7E 12)
Lutetium-178m	71	1000 (3.7E 13)
Lutetium-178	71	1000 (3.7E 13)
Lutetium-179	71	1000 (3.7E 13)
Magnesium-28	12	10 (3.7E 11)
Manganese-51	25	1000 (3.7E 13)
Manganese-52m	25	1000 (3.7E 13)
Manganese-52	25	10 (3.7E 11)
Manganese-53	25	1000 (3.7E 13)
Manganese-54	25	10 (3.7E 11)
Manganese-56	25	100 (3.7E 12)
Mendelevium-257	101	100 (3.7E 12)
Mendelevium-258	101	1 (3.7E 10)
Mercury-193m	80	10 (3.7E 11)
Mercury-193	80	100 (3.7E 12)
Mercury-194	80	0.1 (3.7E 9)
Mercury-195m	80	100 (3.7E 12)
Mercury-195	80	100 (3.7E 12)
Mercury-197m	80	1000 (3.7E 13)
Mercury-197	80	1000 (3.7E 13)
Mercury-199m	80	1000 (3.7E 13)
Mercury-203	80	10 (3.7E 11)
Molybdenum-90	42	100 (3.7E 12)
Molybdenum-93m	42	10 (3.7E 11)
Molybdenum-93	42	100 (3.7E 12)
Molybdenum-99	42	100 (3.7E 12)
Molybdenum-101	42	1000 (3.7E 13)
Neodymium-136	60	1000 (3.7E 13)
Neodymium-138	60	1000 (3.7E 13)
Neodymium-139m	60	100 (3.7E 12)
Neodymium-139	60	1000 (3.7E 13)
Neodymium-141	60	1000 (3.7E 13)
Neodymium-147	60	10 (3.7E 11)
Neodymium-149	60	100 (3.7E 12)
Neodymium-151	60	1000 (3.7E 13)



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Continued

APPENDIX B TO § 302.4—RADIONUCLIDES—  
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Radionuclide	Atomic Number	Final RQ Ci (Bq)
Neptunium-232	93	1000 (3.7E 13)
Neptunium-233	93	1000 (3.7E 13)
Neptunium-234	93	10 (3.7E 11)
Neptunium-235	93	1000 (3.7E 13)
Neptunium-236 (1.2 E 5 yr)	93	0.1 (3.7E 9)
Neptunium-236 (22.5 hr)	93	100 (3.7E 12)
Neptunium-237	93	0.01 (3.7E 8)
Neptunium-238	93	10 (3.7E 11)
Neptunium-239	93	100 (3.7E 12)
Neptunium-240	93	100 (3.7E 12)
Nickel-56	28	10 (3.7E 11)
Nickel-57	28	10 (3.7E 11)
Nickel-59	28	100 (3.7E 12)
Nickel-63	28	100 (3.7E 12)
Nickel-65	28	100 (3.7E 12)
Nickel-66	28	10 (3.7E 11)
Niobium-88	41	100 (3.7E 12)
Niobium-89 (66 min)	41	100 (3.7E 12)
Niobium-89 (122 min)	41	100 (3.7E 12)
Niobium-90	41	10 (3.7E 11)
Niobium-93m	41	100 (3.7E 12)
Niobium-94	41	10 (3.7E 11)
Niobium-95m	41	100 (3.7E 12)
Niobium-95	41	10 (3.7E 11)
Niobium-96	41	10 (3.7E 11)
Niobium-97	41	100 (3.7E 12)
Niobium-98	41	1000 (3.7E 13)
Osmium-180	76	1000 (3.7E 13)
Osmium-181	76	100 (3.7E 12)
Osmium-182	76	100 (3.7E 12)
Osmium-185	76	10 (3.7E 11)
Osmium-189m	76	1000 (3.7E 13)
Osmium-191m	76	1000 (3.7E 13)
Osmium-191	76	100 (3.7E 12)
Osmium-193	76	100 (3.7E 12)
Osmium-194	76	1 (3.7E 10)
Palladium-100	46	100 (3.7E 12)
Palladium-101	46	100 (3.7E 12)
Palladium-103	46	100 (3.7E 12)
Palladium-107	46	100 (3.7E 12)
Palladium-109	46	1000 (3.7E 13)
Phosphorus-32	15	0.1 (3.7E 9)
Phosphorus-33	15	1 (3.7E 10)
Platinum-186	78	100 (3.7E 12)
Platinum-188	78	100 (3.7E 12)
Platinum-189	78	100 (3.7E 12)
Platinum-191	78	100 (3.7E 12)
Platinum-193m	78	100 (3.7E 12)
Platinum-193	78	1000 (3.7E 13)
Platinum-195m	78	100 (3.7E 12)
Platinum-197m	78	1000 (3.7E 13)
Platinum-197	78	1000 (3.7E 13)
Platinum-199	78	1000 (3.7E 13)
Platinum-200	78	100 (3.7E 12)
Plutonium-234	94	1000 (3.7E 13)
Plutonium-235	94	1000 (3.7E 13)
Plutonium-236	94	0.1 (3.7E 9)
Plutonium-237	94	1000 (3.7E 13)
Plutonium-238	94	0.01 (3.7E 8)
Plutonium-239	94	0.01 (3.7E 8)
Plutonium-240	94	0.01 (3.7E 8)
Plutonium-241	94	1 (3.7E 10)
Plutonium-242	94	0.01 (3.7E 8)
Plutonium-243	94	1000 (3.7E 13)
Plutonium-244	94	0.01 (3.7E 8)
Plutonium-245	94	100 (3.7E 12)
Polonium-203	84	100 (3.7E 12)
Polonium-205	84	100 (3.7E 12)
Polonium-207	84	10 (3.7E 11)
Polonium-210	84	0.01 (3.7E 8)

Radionuclide	Atomic Number	Final RQ Ci (Bq)
Potassium-40	19	1 (3.7E 10)
Potassium-42	19	100 (3.7E 12)
Potassium-43	19	10 (3.7E 11)
Potassium-44	19	100 (3.7E 12)
Potassium-45	19	1000 (3.7E 13)
Praseodymium-136	59	1000 (3.7E 13)
Praseodymium-137	59	1000 (3.7E 13)
Praseodymium-138m	59	100 (3.7E 12)
Praseodymium-139	59	1000 (3.7E 13)
Praseodymium-142m	59	1000 (3.7E 13)
Praseodymium-142	59	100 (3.7E 12)
Praseodymium-143	59	10 (3.7E 11)
Praseodymium-144	59	1000 (3.7E 13)
Praseodymium-145	59	1000 (3.7E 13)
Praseodymium-147	59	1000 (3.7E 13)
Promethium-141	61	1000 (3.7E 13)
Promethium-143	61	100 (3.7E 12)
Promethium-144	61	10 (3.7E 11)
Promethium-145	61	100 (3.7E 12)
Promethium-146	61	10 (3.7E 11)
Promethium-147	61	10 (3.7E 11)
Promethium-148m	61	10 (3.7E 11)
Promethium-148	61	10 (3.7E 11)
Promethium-149	61	100 (3.7E 12)
Promethium-150	61	100 (3.7E 12)
Promethium-151	61	100 (3.7E 12)
Protactinium-227	91	100 (3.7E 12)
Protactinium-228	91	10 (3.7E 11)
Protactinium-230	91	10 (3.7E 11)
Protactinium-231	91	0.01 (3.7E 8)
Protactinium-232	91	10 (3.7E 11)
Protactinium-233	91	100 (3.7E 12)
Protactinium-234	91	10 (3.7E 11)
Radium-223	88	1 (3.7E 10)
Radium-224	88	10 (3.7E 11)
Radium-225	88	1 (3.7E 10)
Radium-226 $\phi$	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)

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APPENDIX B TO § 302.4—RADIONUCLIDES—  
Continued

APPENDIX B TO § 302.4—RADIONUCLIDES—  
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Radionuclide	Atomic Number	Final RQ Ci (Bq)
Rubidium-84	37	10 (3.7E 11)
Rubidium-86	37	10 (3.7E 11)
Rubidium-88	37	1000 (3.7E 13)
Rubidium-89	37	1000 (3.7E 13)
Rubidium-87	37	10 (3.7E 11)
Ruthenium-94	44	1000 (3.7E 13)
Ruthenium-97	44	100 (3.7E 12)
Ruthenium-103	44	10 (3.7E 11)
Ruthenium-105	44	100 (3.7E 12)
Ruthenium-106	44	1 (3.7E 10)
Samarium-141m	62	1000 (3.7E 13)
Samarium-141	62	1000 (3.7E 13)
Samarium-142	62	1000 (3.7E 13)
Samarium-145	62	100 (3.7E 12)
Samarium-146	62	0.01 (3.7E 8)
Samarium-147	62	0.01 (3.7E 8)
Samarium-151	62	10 (3.7E 11)
Samarium-153	62	100 (3.7E 12)
Samarium-155	62	1000 (3.7E 13)
Samarium-156	62	100 (3.7E 12)
Scandium-43	21	1000 (3.7E 13)
Scandium-44m	21	10 (3.7E 11)
Scandium-44	21	100 (3.7E 12)
Scandium-46	21	10 (3.7E 11)
Scandium-47	21	100 (3.7E 12)
Scandium-48	21	10 (3.7E 11)
Scandium-49	21	1000 (3.7E 13)
Selenium-70	34	1000 (3.7E 13)
Selenium-73m	34	100 (3.7E 12)
Selenium-73	34	10 (3.7E 11)
Selenium-75	34	10 (3.7E 11)
Selenium-79	34	10 (3.7E 11)
Selenium-81m	34	1000 (3.7E 13)
Selenium-81	34	1000 (3.7E 13)
Selenium-83	34	1000 (3.7E 13)
Silicon-31	14	1000 (3.7E 13)
Silicon-32	14	1 (3.7E 10)
Silver-102	47	100 (3.7E 12)
Silver-103	47	1000 (3.7E 13)
Silver-104m	47	1000 (3.7E 13)
Silver-104	47	1000 (3.7E 13)
Silver-105	47	10 (3.7E 11)
Silver-106m	47	10 (3.7E 11)
Silver-106	47	1000 (3.7E 13)
Silver-108m	47	10 (3.7E 11)
Silver-110m	47	10 (3.7E 11)
Silver-111	47	10 (3.7E 11)
Silver-112	47	100 (3.7E 12)
Silver-115	47	1000 (3.7E 13)
Sodium-22	11	10 (3.7E 11)
Sodium-24	11	10 (3.7E 11)
Strontium-80	38	100 (3.7E 12)
Strontium-81	38	1000 (3.7E 13)
Strontium-83	38	100 (3.7E 12)
Strontium-85m	38	1000 (3.7E 13)
Strontium-85	38	10 (3.7E 11)
Strontium-87m	38	100 (3.7E 12)
Strontium-89	38	10 (3.7E 11)
Strontium-90	38	0.1 (3.7E 9)
Strontium-91	38	10 (3.7E 11)
Strontium-92	38	100 (3.7E 12)
Sulfur-35	16	1 (3.7E 10)
Tantalum-172	73	100 (3.7E 12)
Tantalum-173	73	100 (3.7E 12)
Tantalum-174	73	100 (3.7E 12)
Tantalum-175	73	100 (3.7E 12)
Tantalum-176	73	10 (3.7E 11)
Tantalum-177	73	1000 (3.7E 13)
Tantalum-178	73	1000 (3.7E 13)
Tantalum-179	73	1000 (3.7E 13)

Radionuclide	Atomic Number	Final RQ Ci (Bq)
Tantalum-180m	73	1000 (3.7E 13)
Tantalum-180	73	100 (3.7E 12)
Tantalum-182m	73	1000 (3.7E 13)
Tantalum-182	73	10 (3.7E 11)
Tantalum-183	73	100 (3.7E 12)
Tantalum-184	73	10 (3.7E 11)
Tantalum-185	73	1000 (3.7E 13)
Tantalum-186	73	1000 (3.7E 13)
Technetium-93m	43	1000 (3.7E 13)
Technetium-93	43	100 (3.7E 12)
Technetium-94m	43	100 (3.7E 12)
Technetium-94	43	10 (3.7E 11)
Technetium-96m	43	1000 (3.7E 13)
Technetium-96	43	10 (3.7E 11)
Technetium-97m	43	100 (3.7E 12)
Technetium-97	43	100 (3.7E 12)
Technetium-98	43	10 (3.7E 11)
Technetium-99m	43	100 (3.7E 12)
Technetium-99	43	10 (3.7E 11)
Technetium-101	43	1000 (3.7E 13)
Technetium-104	43	1000 (3.7E 13)
Tellurium-116	52	1000 (3.7E 13)
Tellurium-121m	52	10 (3.7E 11)
Tellurium-121	52	10 (3.7E 11)
Tellurium-123m	52	10 (3.7E 11)
Tellurium-123	52	10 (3.7E 11)
Tellurium-125m	52	10 (3.7E 11)
Tellurium-127m	52	10 (3.7E 11)
Tellurium-127	52	1000 (3.7E 13)
Tellurium-129m	52	10 (3.7E 11)
Tellurium-129	52	1000 (3.7E 13)
Tellurium-131m	52	10 (3.7E 11)
Tellurium-131	52	1000 (3.7E 13)
Tellurium-132	52	10 (3.7E 11)
Tellurium-133m	52	1000 (3.7E 13)
Tellurium-133	52	1000 (3.7E 13)
Tellurium-134	52	1000 (3.7E 13)
Terbium-147	65	100 (3.7E 12)
Terbium-149	65	100 (3.7E 12)
Terbium-150	65	100 (3.7E 12)
Terbium-151	65	10 (3.7E 11)
Terbium-153	65	100 (3.7E 12)
Terbium-154	65	10 (3.7E 11)
Terbium-155	65	100 (3.7E 12)
Terbium-156m (5.0 hr)	65	1000 (3.7E 13)
Terbium-156m (24.4 hr)	65	1000 (3.7E 13)
Terbium-156	65	10 (3.7E 11)
Terbium-157	65	100 (3.7E 12)
Terbium-158	65	10 (3.7E 11)
Terbium-160	65	10 (3.7E 11)
Terbium-161	65	100 (3.7E 12)
Thallium-194m	81	100 (3.7E 12)
Thallium-194	81	1000 (3.7E 13)
Thallium-195	81	100 (3.7E 12)
Thallium-197	81	100 (3.7E 12)
Thallium-198m	81	100 (3.7E 12)
Thallium-198	81	10 (3.7E 11)
Thallium-199	81	100 (3.7E 12)
Thallium-200	81	10 (3.7E 11)
Thallium-201	81	1000 (3.7E 13)
Thallium-202	81	10 (3.7E 11)
Thallium-204	81	10 (3.7E 11)
Thorium-226	90	100 (3.7E 12)
Thorium-227	90	1 (3.7E 10)
Thorium-228	90	0.01 (3.7E 8)
Thorium-229	90	0.001 (3.7E 7)
Thorium-230	90	0.01 (3.7E 8)
Thorium-231	90	100 (3.7E 12)
Thorium-232 $\phi$	90	0.001 (3.7E 7)
Thorium-234	90	100 (3.7E 12)

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Radionuclide	Atomic Number	Final RQ Ci (Bq)
Thulium-162	69	1000 (3.7E 13)
Thulium-166	69	10 (3.7E 11)
Thulium-167	69	100 (3.7E 12)
Thulium-170	69	10 (3.7E 11)
Thulium-171	69	100 (3.7E 12)
Thulium-172	69	100 (3.7E 12)
Thulium-173	69	100 (3.7E 12)
Thulium-175	69	1000 (3.7E 13)
Tin-110	50	100 (3.7E 12)
Tin-111	50	1000 (3.7E 13)
Tin-113	50	10 (3.7E 11)
Tin-117m	50	100 (3.7E 12)
Tin-119m	50	10 (3.7E 11)
Tin-121m	50	10 (3.7E 11)
Tin-121	50	1000 (3.7E 13)
Tin-123m	50	1000 (3.7E 13)
Tin-123	50	10 (3.7E 11)
Tin-125	50	10 (3.7E 11)
Tin-126	50	1 (3.7E 10)
Tin-127	50	100 (3.7E 12)
Tin-128	50	1000 (3.7E 13)
Titanium-44	22	1 (3.7E 10)
Titanium-45	22	1000 (3.7E 13)
Tungsten-176	74	1000 (3.7E 13)
Tungsten-177	74	100 (3.7E 12)
Tungsten-178	74	100 (3.7E 12)
Tungsten-179	74	1000 (3.7E 13)
Tungsten-181	74	100 (3.7E 12)
Tungsten-185	74	10 (3.7E 11)
Tungsten-187	74	100 (3.7E 12)
Tungsten-188	74	10 (3.7E 11)
Uranium-230	92	1 (3.7E 10)
Uranium-231	92	1000 (3.7E 13)
Uranium-232	92	0.01 (3.7E 8)
Uranium-233	92	0.1 (3.7E 9)
Uranium-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	0.1 & (3.7E 9)
Uranium-239	92	1000 (3.7E 13)
Uranium-240	92	1000 (3.7E 13)
Vanadium-47	23	1000 (3.7E 13)
Vanadium-48	23	10 (3.7E 11)
Vanadium-49	23	1000 (3.7E 13)
Xenon-120	54	100 (3.7E 12)
Xenon-121	54	10 (3.7E 11)
Xenon-122	54	100 (3.7E 12)
Xenon-123	54	10 (3.7E 11)
Xenon-125	54	100 (3.7E 12)
Xenon-127	54	100 (3.7E 12)
Xenon-129m	54	1000 (3.7E 13)
Xenon-131m	54	1000 (3.7E 13)
Xenon-133m	54	1000 (3.7E 13)
Xenon-133	54	1000 (3.7E 13)
Xenon-135m	54	10 (3.7E 11)
Xenon-135	54	100 (3.7E 12)
Xenon-138	54	10 (3.7E 11)
Ytterbium-162	70	1000 (3.7E 13)
Ytterbium-166	70	10 (3.7E 11)
Ytterbium-167	70	1000 (3.7E 13)
Ytterbium-169	70	10 (3.7E 11)
Ytterbium-175	70	100 (3.7E 12)
Ytterbium-177	70	1000 (3.7E 13)
Ytterbium-178	70	1000 (3.7E 13)
Yttrium-86m	39	1000 (3.7E 13)
Yttrium-86	39	10 (3.7E 11)
Yttrium-87	39	10 (3.7E 11)
Yttrium-88	39	10 (3.7E 11)
Yttrium-90m	39	100 (3.7E 12)

Radionuclide	Atomic Number	Final RQ Ci (Bq)
Yttrium-90	39	10 (3.7E 11)
Yttrium-91m	39	1000 (3.7E 13)
Yttrium-91	39	10 (3.7E 11)
Yttrium-92	39	100 (3.7E 12)
Yttrium-93	39	100 (3.7E 12)
Yttrium-94	39	1000 (3.7E 13)
Yttrium-95	39	1000 (3.7E 13)
Zinc-62	30	100 (3.7E 12)
Zinc-63	30	1000 (3.7E 13)
Zinc-65	30	10 (3.7E 11)
Zinc-69m	30	100 (3.7E 12)
Zinc-69	30	1000 (3.7E 13)
Zinc-71m	30	100 (3.7E 12)
Zinc-72	30	100 (3.7E 12)
Zirconium-86	40	100 (3.7E 12)
Zirconium-88	40	10 (3.7E 11)
Zirconium-89	40	100 (3.7E 12)
Zirconium-93	40	1 (3.7E 10)
Zirconium-95	40	10 (3.7E 11)
Zirconium-97	40	10 (3.7E 11)

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

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

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

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

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

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

φ—Notification requirements for releases of mixtures 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).

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

**§ 302.5 Determination of reportable quantities.**

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