

**113.3**

of the owner or operator and the facility will be limited to the amounts specified in §113.4.

**§113.3 Definitions.**

As used in this subpart, the following terms shall have the meanings indicated below:

(a) *Aboveground* storage facility means a tank or other container, the bottom of which is on a plane not more than 6 inches below the surrounding surface.

(b) *Act* means the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1151, *et seq.*

(c) *Barrel* means 42 United States gallons at 60 degrees Fahrenheit.

(d) *Belowground* storage facility means a tank or other container located other than as defined as "Aboveground".

(e) *Discharge* includes, but is not limited to any spilling, leaking, pumping, pouring, emitting, emptying or dumping.

(f) *Onshore Oil Storage Facility* means any facility (excluding motor vehicles and rolling stock) of any kind located in, on, or under, any land within the United States, other than submerged land.

(g) *On-Scene Coordinator* is the single Federal representative designated pursuant to the National Oil and Hazardous Substances Pollution Contingency Plan and identified in approved Regional Oil and Hazardous Substances Pollution Contingency Plans.

(h) *Oil* means oil of any kind or in any form, including but not limited to, petroleum, fuel oil, sludge, oil refuse, and oil mixed with wastes other than dredged spoil.

(i) *Remove* or *removal* means the removal of the oil from the water and shorelines or the taking of such other actions as the Federal On-Scene Coordinator may determine to be necessary to minimize or mitigate damage to the public health or welfare, including but not limited to, fish, shellfish, wildlife, and public and private property, shorelines, and beaches.

Additionally, the terms not otherwise defined herein shall have the meanings assigned them by section 311(a) of the Act.

**40 CF C. 117.11E ( )**

**§113.4 Size classes and associated liability limits for fixed onshore oil storage facilities, 1,000 barrels or less capacity.**

Unless the United States can show that oil was discharged as a result of willful negligence or willful misconduct within the privity and knowledge of the owner or operator, the following limits of liability are established for fixed onshore facilities in the classes specified:

(a) Aboveground storage.

Size class	Capacity (barrels)	Limit (dollars)
I .....	Up to 10 .....	4,000
II .....	11 to 170 .....	60,000
III .....	171 to 500 .....	150,000
IV .....	501 to 1,000 ..	200,000

(b) Belowground storage.

Size class	Capacity (barrels)	Limit (dollars)
I .....	Up to 10 .....	5,200
II .....	11 to 170 .....	78,000
III .....	171 to 500 .....	195,000
IV .....	501 to 1,000 ..	260,000

**§113.5 Exclusions.**

This subpart does not apply to:

(a) Those facilities whose average daily oil throughput is more than their fixed oil storage capacity.

(b) Vehicles and rolling stock.

**§113.6 Effect on other laws.**

Nothing herein shall be construed to limit the liability of any facility under State or local law or under any Federal law other than section 311 of the Act, nor shall the liability of any facility for any charges or damages under State or local law reduce its liability to the Federal Government under section 311 of the Act, as limited by this subpart.

**PA 116 DESIGNATION OF HAZARDOUS SUBSTANCES**

- Sec.
- 116.1 Applicability.
- 116.2 Abbreviations.
- 116.3 Definitions.
- 116.4 Designation of hazardous substances.

AUTHORITY: Secs. 311(b)(2)(A) and 501(a), Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.).

**§ 116.1 Applicability.**

This regulation designates hazardous substances under section 311(b)(2)(A) of the Federal Water Pollution Control Act (the Act). The regulation applies to discharges of substances designated in Table 116.4.

[43 FR 10474, Mar. 13, 1978]

**§ 116.2 Abbreviations.**

ppm=parts per million  
mg=milligram(s)  
kg=kilogram(s)

interstate travelers for recreational or other purposes; and

(ii) Intrastate lakes, rivers, streams, and wetlands from which fish or shellfish are or could be taken and sold in interstate commerce; and

(iii) Intrastate lakes, rivers, streams, and wetlands which are utilized for industrial purposes by industries in interstate commerce.

Navigable waters do not include prior converted cropland. Notwithstanding the determination of an area's status as prior converted cropland by any other federal agency, for the purposes of the Clean Water Act, the final authority regarding Clean Water Act jurisdiction remains with EPA.

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

*Onshore facility* means any facility (including, but not limited to, motor vehicles and rolling stock) of any kind located in, on, or under, any land within the United States other than submerged land;

*Otherwise subject to the jurisdiction of the United States* means subject to the jurisdiction of the United States by virtue of United States citizenship, United States vessel documentation or numbering, or as provided for by international agreement to which the United States is a party.

A discharge *in connection with activities under the Outer Continental Shelf Lands Act or the Deepwater Port Act of 1974, or which may affect natural resources belonging to, appertaining to, or under the exclusive management authority of the United States (including resources under the Fishery Conservation and Management Act of 1976)*, means: (1) A discharge into any waters beyond the contiguous zone from any vessel or on-

shore or offshore facility, which vessel or facility is subject to or is engaged in activities under the Outer Continental Shelf Lands Act or the Deepwater Port Act of 1974, and (2) any discharge into any waters beyond the contiguous zone which contain, cover, or support any natural resource belonging to, appertaining to, or under the exclusive management authority of the United States (including resources under the Fishery Conservation and Management Act of 1976).

*Public vessel* means a vessel owned or bareboat-chartered and operated by the United States, or a State or political subdivision thereof, or by a foreign nation, except when such vessel is engaged in commerce.

*Territorial seas* means the belt of the seas measured from the line of ordinary low water along that portion of the coast which is in direct contact with the open sea and the line marking the seaward limit of inland waters, and extending seaward a distance of 3 miles.

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

[43 FR 10474, Mar. 13, 1978; 43 FR 27533, June 26, 1978, as amended at 44 FR 10266, Feb. 16, 1979; 58 FR 45039, Aug. 25, 1993]

**§116.4 Designation of hazardous substances.**

The elements and compounds appearing in Tables 116.4 A and B are designated as hazardous substances in accordance with section 311(b)(2)(A) of the Act. This designation includes any isomers and hydrates, as well as any solutions and mixtures containing these substances. Synonyms and Chemical Abstract System (CAS) numbers have been added for convenience of the user only. In case of any disparity the common names shall be considered the designated substance.

TABLE 116.4A—LIST OF HAZARDOUS SUBSTANCES

Common name	CAS No.	Synonyms	Isomers	CAS No.
Acetaldehyde .....	75070	Ethanal, ethyl aldehyde, acetic aldehyde.		
Acetic acid .....	64197	Glacial acetic acid, vinegar acid.		

TABLE 116.4A—LIST OF HAZARDOUS SUBSTANCES—Continued

Common name	CAS No.	Synonyms	Isomers	CAS No.
Acetyl bromide .....	506967			
Acetyl chloride .....	79367			
Acrolein .....	107028	2-propenal, acrylic aldehyde, acrylaldehyde, acraldehyde.		
Acrylonitrile .....	107131	Cyanoethylene, Fumigrain, Ventox, propeneitrile, vinyl cyanide.		
Adipic acid .....	124049	Hexanedioic acid.		
Aldrin .....	309002	Octalene, HHDN.		
Allyl alcohol .....	107186	2-propen-1-ol, 1-propenol-3, vinyl carbinol.		
Allyl chloride .....	107051	3-chloropropene, 3-chloropropylene, Chlorallylene.		
Aluminum sulfate .....	10043013	Alum.		
Ammonia .....	7664417			
Ammonium acetate .....	631618	Acetic acid ammonium, salt.		
Ammonium benzoate .....	1863634			
Ammonium bicarbonate .....	1066337	Acid ammonium carbonate, ammonium hydrogen carbonate.		
Ammonium bichromate .....	7789095			
Ammonium bifluoride .....	1341497	Acid ammonium fluoride, ammonium hydrogen fluoride.		
Ammonium bisulfite .....	10192300			
Ammonium carbamate .....	1111780	Ammonium aminoformate.		
Ammonium carbonate .....	506876			
Ammonium chloride .....	12125029	Ammonium muriate, sal ammoniac, salmiac, Amchlor.		
Ammonium chromate .....	7788989			
Ammonium citrate dibasic .....	3012655	Diammonium citrate, citric acid diammonium salt.		
Ammonium fluoborate .....	13826830	Ammonium fluoroborate, ammonium borofluoride.		
Ammonium fluoride .....	12125018	Neutral ammonium fluoride.		
Ammonium hydroxide .....	1336216			
Ammonium oxalate .....	6009707			
	5972736			
	14258492			
Ammonium silicofluoride .....	16919190	Ammonium fluosilicate.		
Ammonium sulfamate .....	7773060	Ammate, AMS, ammonium amidosulfate.		
Ammonium sulfide .....	12135761			
Ammonium sulfite .....	10196040			
	10192300			
Ammonium tartrate .....	3164292	Tartaric acid ammonium salt.		
	14307438			
Ammonium thiocyanate .....	1762954	Ammonium rhodanide, ammonium sulfocyanate, ammonium sulfocyanide.		
Amly acetate .....	628637	Amylacetate ester .....	iso- .....	123922
		Pear oil .....	sec- .....	626380
		Banana oil .....	tert- .....	625161
Aniline .....	62533	Aniline oil, phenylamine, aminobenzene, aminophen, kyanol.		
Antimony pentachloride .....	7647189			
Antimony potassium tartrate .....	28300745	Tartar emetic, tartarated antimony, tartarized antimony, potassium antimonytartrate.		
Antimony tribromide .....	7789619			
Antimony trichloride .....	10025919	Butter of antimony.		
Antimony trifluoride .....	7783564	Antimony fluoride.		
Antimony trioxide .....	1309644	Diantimony trioxide, flowers of antimony.		
Arsenic disulfide .....	1303328	Red arsenic sulfide.		
Arsenic pentoxide .....	1303282	Arsenic acid anhydride, arsenic oxide.		
Arsenic trichloride .....	7784341	Arsenic chloride, arsenious chloride, arsenous chloride, butter of arsenic.		
Arsenic trioxide .....	1327533	Arsenious acid, arsenious oxide, white arsenic.		
Arsenic trisulfide .....	1303339	Arsenious sulfide, yellow arsenic sulfide.		
Barium cyanide .....	542621			
Benzene .....	71432	Cyclohexatriene, benzol.		
Benzoic acid .....	65850	Benzenecarboxylic acid, phenylformic acid, dracylic acid.		
Benzonitrile .....	100470	Phenyl cyanide, cyanobenzene.		
Benzoyl chloride .....	98884	Benzenecarbonyl chloride.		
Benzyl chloride .....	100447			
Beryllium chloride .....	7787475			
Beryllium fluoride .....	7787497			
Beryllium nitrate .....	7787555			

TABLE 116.4A—LIST OF HAZARDOUS SUBSTANCES—Continued

Common name	CAS No.	Synonyms	Isomers	CAS No.
Butyl acetate .....	13597994	Acetic acid butyl ester .....	iso- .....	110190
	123864		sec- .....	105464
Butylamine .....	109739	1-aminobutane .....	tert- .....	540885
			iso- .....	78819
			sec- .....	513495
			sec- .....	13952846
n/butyl phthalate .....	84742	1,2-benzenedicarboxylic acid, dibutyl ester, dibutyl phthalate.	tert- .....	75649
			iso- .....	79312
Butyric acid .....	107926	Butanoic acid, ethylacetic acid .....		
Cadmium acetate .....	543908			

**E** ..... **P** ..... **A** .....  
TABLE

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TABLE 116.4A—LIST OF HAZARDOUS SUBSTANCES—Continued

Common name	CAS No.	Synonyms	Isomers	CAS No.
Lead acetate .....	301042	Sugar of lead.		
Lead arsenate .....	7784409 7645252 10102484			
Lead chloride .....	7758954			
Lead fluoroborate .....	13814965	Lead fluoroborate.		
Lead fluoride .....	7783462	Lead difluoride, plumbous fluoride.		
Lead iodide .....	10101630			
Lead nitrate .....	10099748			
Lead stearate .....	7428480 1072351 52652592	Stearic acid lead salt.		
Lead sulfate .....	7446142			
Lead sulfide .....	1314870	Galena.		
Lead thiocyanate .....	592870	Lead sulfocyanate.		
Lindane .....	58899	Gamma-BHC, gamma-benzene hexachloride.		
Lithium chromate .....	14307358			
Malathion .....	121755	Phosphothion.		
Maleic acid .....	110167	Cis-butenedioic acid, cis-1,2-ethylenedicarboxylic acid, toxic acid.		
Maleic anhydride .....	108316	2,5-furandione, cis-butenedioic anhydride, toxic anhydride.		
Mercaptodimethur .....	203657	Mesuroil.		
Mercuric cyanide .....	592041	Mercury cyanide.		
Mercuric nitrate .....	10045940	Mercury nitrate, mercury pernitrate.		
Mercuric sulfate .....	7783359	Mercury sulfate, mercury persulfate.		
Mercuric thiocyanate .....	592858	Mercury thiocyanate, mercuric sulfocyanate, mercuric sulfocyanide.		
Mercurous nitrate .....	7782867 10415755	Mercury protonitrate.		
Methoxychlor .....	72435	DMDT, methoxy-DDT.		
Methyl mercaptan .....	74931	Methanethiol, mercaptomethane, methyl sulfhydrate, thiomethyl alcohol.		
Methyl methacrylate .....	80626	Methacrylic acid methyl ester, methyl-2-methyl-2-propenoate.		
Methyl parathion .....	298000	Nitrox-80.		
Mevinphos .....	7786347	Phosdrin.		
Mexacarbate .....	315184	Zectran.		
Monoethylamine .....	75047	Ethylamine, aminoethane.		
Monomethylamine .....	74895	Methylamine, aminomethane.		
Naled .....	300765	Dibrom.		
Naphthalene .....	91203	White tar, tar camphor, naphthalin.		
Naphthenic acid .....	1338245	Cyclohexanecarboxylic acid, hexahydrobenzoic acid.		
Nickel ammonium sulfate .....	15699180	Ammonium nickel sulfate.		
Nickel chloride .....	37211055 7718549	Nickelous chloride.		
Nickel hydroxide .....	12054487	Nickelous hydroxide.		
Nickel nitrate .....	14216752			
Nickel sulfate .....	7786814	Nickelous sulfate.		
Nitric acid .....	7697372	Aqua fortis.		
Nitrobenzene .....	98953	Nitrobenzol, oil of mirbane.		
Nitrogen dioxide .....	10102440	Nitrogen tetroxide.		
Nitrophenol (mixed) .....	25154556	Mononitrophenol .....	m- ..... o- ..... p- ..... Ortho ..... Meta ..... Para .....	554847 88755 100027 88722 99081 99990
Nitrotoluene .....	1321126			
Paraformaldehyde .....	30525894	Paraform, Formagene, Triformol, polymerized formaldehyde, polyoxymethylene.		
Parathion .....	56382	DNTP, Niran.		
Pentachlorophenol .....	87865	PCP, Penta.		
Phenol .....	108952	Carbolic acid, phenyl hydroxide, hydroxybenzene, oxybenzene.		
Phosgene .....	75445	Diphosgene, carbonyl chloride, chloroformyl chloride.		
Phosphoric acid .....	7664382	Orthophosphoric acid.		
Phosphorus .....	7723140	Black phosphorus, red phosphorus, white phosphorus, yellow phosphorus.		
Phosphorus oxychloride .....	10025873	Phosphoryl chloride, phosphorus chloride.		
Phosphorus pentasulfide .....	1314803	Phosphoric sulfide, thiophosphoric anhydride, phosphorus persulfide.		

**E** ..... **P** ..... **A** .....

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TABLE 116.4A—LIST OF H



TABLE 116.4A—LIST OF HAZARDOUS SUBSTANCES—Continued

Common name	CAS No.	Synonyms	Isomers	CAS No.
2,4,5-TP acid .....	93721	Propanoic acid 2-(2,4,5-trichlorophenoxy).		
2,4,5-TP esters .....	32534955	Propanoic acid, 2-(2,4,5-trichlorophenoxy)-, isooctyl ester.		
Tetraethyl lead .....	78002	Lead tetraethyl, TEL.		
Tetraethyl pyrophosphate .....	107493	TEPP.		
Thallium sulfate .....	10031591			
	7446186			
Toluene .....	108883	Toluol, methylbenzene, phenylmethane, Methacide.		
Toxaphene .....	8001352	Camphechlor.		
Trichlorfon .....	52686	Dipterex .....		
		Dylox.		
Trichlorethylene .....	79016	Ethylene trichloride.		
Trichlorophenol .....	25167822	Collunosol, Dowicide 2 or 2S, Omal, Phenachlor.	(2,3,4-) .....	15950660
			(2,3,5-) .....	933788
			(2,3,6-) .....	933755
			(2,4,5-) .....	95954
			(2,4,6-) .....	88062
			(3,4,5-) .....	609198
Triethanolamine dodecylbenzenesulfonate.	27323417			
Triethylamine .....	121448	TMA.		
Trimethylamine .....	75503			
Uranyl acetate .....	541093			
Uranyl nitrate .....	10102064			
	36478769			
Vanadium pentoxide .....	1314621	Vanadic anhydride, vanadic acid anhydride.		
Vanadyl sulfate .....	27774136	Vanadic sulfate, vanadium sulfate.		
Vinyl acetate .....	108054	Acetic acid ethylene ether.		
Vinylidene chloride .....	75354	1,1-dichloroethylene.		
		1,1-dichloroethene.		
Xylene (mixed) .....	1330207	Dimethylbenzene .....	m- .....	108383
		Xylol .....	o- .....	95476
			p- .....	106423
Xylenol .....	1300716	Dimethylphenol, hydroxydimethylbenzene.		
Zinc acetate .....	557346			
Zinc ammonium chloride .....	14639975			
	14639986			
	52628258			
Zinc borate .....	1332076			
Zinc bromide .....	7699458			
Zinc carbonate .....	3486359			
Zinc chloride .....	7646857	Butter of zinc.		
Zinc cyanide .....	557211			
Zinc fluoride .....	7783495			
Zinc formate .....	557415			
Zinc hydrosulfite .....	7779864			
Zinc nitrate .....	7779886			
Zinc phenolsulfonate .....	127822	Zinc sulfocarbolate.		
Zinc phosphide .....	1314847			
Zinc silicofluoride .....	16871719	Zinc fluosilicate.		
Zinc sulfate .....	7733020	White vitriol, zinc vitriol, white copperas.		
Zirconium nitrate .....	13746899			
Zirconium potassium fluoride .....	16923958			
Zirconium sulfate .....	14644612	Disulfatozirconic acid.		
Zirconium tetrachloride .....	10026116			

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER

CAS No.	Common name
50000 .....	Formaldehyde
50293 .....	DDT
51285 .....	2,4-Dinitrophenol
52686 .....	Trichlorfon
56382 .....	Parathion
56724 .....	Coumaphos
57249 .....	Strychnine
57749 .....	Chlordane
58899 .....	Lindane

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER—Continued

CAS No.	Common name
60004 .....	Ethylenediaminetetraacetic acid (EDTA)
60571 .....	Dieldrin
62533 .....	Aniline
62737 .....	Dichlorvos
63252 .....	Carbaryl
64186 .....	Formic acid
64197 .....	Acetic acid
65850 .....	Benzoic acid

**E** ..... **P** ..... **A** .....

**116.4**

TABLE 116.4B—LIST OF HAZARDOUS  
SUBSTANCES BY .....52.050.9(Fumaric acid Tw(TET.q6. )TjP365.94 571.7Tcm. )TjmTj9.1 ISQg0 6.....52.050.9(iso-Buty

TABLE 116.4B—LIST OF HAZARDOUS  
SUBSTANCES BY CAS NUMBER—Continued

CAS No.	Common name
1319773	Cresol (mixed)
1320189	2,4-D ester
1327533	Arsenic trioxide
1330207	Xylene
1332076	Zinc borate
1333831	Sodium bifluoride
1336216	Ammonium hydroxide
1336363	Polychlorinated biphenyls
1338245	Naphthenic acid
1341497	Ammonium bifluoride
1762954	Ammonium thiocyanate
1863634	Ammonium benzoate
1918009	Dicamba
1928387	2,4-D esters
1928478	2,4,5-T ester
1928616	2,4-D ester
1929733	2,4-D ester
2545597	2,4,5-T ester
2764729	Diquat
2921882	Chlorpyrifos
2944674	Ferric ammonium oxalate
2971382	2,4-D ester
3012655	Ammonium citrate, dibasic
3164292	Ammonium tartrate
3251238	Cupric nitrate
3486359	Zinc carbonate
5893663	Cupric oxalate
5972736	Ammonium oxalate
6009707	Ammonium oxalate
6369966	2,4,5-T ester
7428480	Lead stearate
7440235	Sodium
7446084	Selenium oxide
7446142	Lead sulfate
7447394	Cupric chloride
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
7647189	Antimony pentachloride
7664382	Phosphoric acid
7664393	Hydrofluoric acid
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
7758294	Sodium phosphate, tribasic
7758943	Ferrous chloride
7758954	Lead chloride
7758987	Cupric sulfate
7773060	Ammonium sulfamate
7775113	Sodium chromate
7778441	Calcium arsenate
7778509	Potassium bichromate
7778543	Calcium hypochlorite
7779864	Zinc hydrosulfite
7779886	Zinc nitrate
7782505	Chlorine

TABLE 116.4B—LIST OF HAZARDOUS  
SUBSTANCES BY CAS NUMBER—Continued

CAS No.	Common name
7782630	Ferrous sulfate
7782823	Sodium selenite
7782867	Mercurous nitrate
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	Mevinphos
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
8001352	Toxaphene
10022705	Sodium hypochlorite
10025873	Phosphorus oxychloride
10025919	Antimony trichloride
10026116	Zirconium tetrachloride
10028225	Ferric sulfate
10028247	Sodium phosphate, dibasic
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
10102440	Nitrogen dioxide
10102484	Lead arsenate
10108642	Cadmium chloride
10124502	Potassium arsenite
10124568	Sodium phosphate, tribasic
10140655	Sodium phosphate, dibasic
10192300	Ammonium bisulfite
10196040	Ammonium sulfite
10361894	Sodium phosphate, tribasic
10380297	Cupric sulfate, ammoniated
10415755	Mercurous nitrate
10421484	Ferric nitrate
10588019	Sodium bichromate
11115745	Chromic acid
12002038	Cupric acetoarsenite
12054487	Nickel hydroxide
12125018	Ammonium fluoride
12125029	Ammonium chloride
12135761	Ammonium sulfide
12771083	Sulfur chloride
13597994	Beryllium nitrate
13746899	Zirconium nitrate
13765190	Calcium chromate
13814965	Lead fluoborate
13826830	Ammonium fluoborate
13952846	sec-Butylamine
14017415	Cobaltous sulfamate

**E P A**

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TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER—Continued

CAS No.	Common name
14216752	Nickel nitrate
14258492	Ammonium oxalate
14307358	Lithium chromate
14307438	Ammonium tartrate
14639975	Zinc ammonium chloride
14639986	Zinc ammonium chloride
14644612	Zirconium sulfate
15699180	Nickel ammonium sulfate
16721805	Sodium hydrosulfide
16871719	Zinc silicofluoride
16919190	Ammonium silicofluoride
16923958	Zirconium potassium fluoride
25154545	Dinitrobenzene
25154556	Nitrophenol
25155300	Sodium dodecylbenzenesulfonate
25167822	Trichlorophenol
25168154	2,4,5-T ester
25168267	2,4-D ester
26264062	Calcium dodecylbenzenesulfonate
27176870	Dodecylbenzenesulfonic acid
27323417	Triethanolamine dodecylbenzenesulfonate
27774136	Vanadyl sulfate
28300745	Antimony potassium tartrate
30525894	Paraformaldehyde
36478769	Uranyl nitrate
37211055	Nickel chloride
42504461	Dodecylbenzenesulfonate isopropanolamine
52628258	Zinc ammonium chloride
52740166	Calcium arsenite
53467111	2,4-D ester
55488874	Ferric ammonium oxalate
61792072	2,4,5-T ester

[43 FR 10474, Mar. 13, 1978; 43 FR 27533, June 26, 1978, as amended at 44 FR 10268, Feb. 16, 1979; 44 FR 65400, Nov. 13, 1979; 44 FR 66602, Nov. 20, 1979; 54 FR 33482, Aug. 14, 1989]

**PA 117 DE E MINATION OF E-  
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AUTHORITY: Secs. 311 and 501(a), Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.), ("the Act") and Executive Order 11735, superseded by Executive Order 12777, 56 FR 54757.

SOURCE: 44 FR 50776, Aug. 29, 1979, unless otherwise noted.

**§117.1 Definitions.**

As used in this part, all terms shall have the meanings stated in 40 CFR part 116.

- (a) *Reportable quantities* means quantities that may be harmful as set forth (a)