

[Note: The pre-existing regulation text is set forth below in normal type. The proposed amendments are shown in underline to indicate additions and ~~strikeout~~ to indicate deletions. Page numbers enclosed in square brackets "[]" indicate placeholders that will be updated upon adoption of the proposed amendments.]

APPENDIX A

LIST OF SUBSTANCES

APPENDIX A-I

SUBSTANCES FOR WHICH
EMISSIONS MUST BE QUANTIFIED

**Appendix A-I
Substances for Which Emissions Must Be Quantified**

Emittent ID [Note 1]	Substance Name [Note 2]	Add Date [Note 3]	Effective Phase [Note 23]	Carcinogen [Note 4]	Applicable Degree of Accuracy (lb/yr) [Note 5]	Source List(s) [Note 6]	Other Note(s)
30560191	<u>Acephate</u>	11/20	<u>ChemSet-2</u>		0.5		Z [19]
105577	<u>Acetal</u>	11/20	<u>ChemSet-2</u>		100		Z
75070	Acetaldehyde		e	c	20	1 2 3 4	
60355	Acetamide		e	c	2	1 2 3 4	
64197	<u>Acetic acid</u>	11/20	<u>ChemSet-2</u>		100		Z
108247	<u>Acetic anhydride</u>	11/20	<u>ChemSet-2</u>		100		Z
102012	<u>Acetoacetanilide</u>	11/20	<u>ChemSet-2</u>		100		Z
75058	Acetonitrile	06/91	e		200	1 2	
98862	Acetophenone	06/91	e		100	1 2	
53963	2-Acetylaminofluorene [PAH-Derivative/Related, POM]		e	c	100	1 2 4 5	
107028	Acrolein		e		0.05	1 2	
79061	Acrylamide		e	c	0.01	1 2 3 4	
79107	Acrylic acid	06/91	e		5	1 2	
107131	Acrylonitrile		e	c	0.1	1 2 3 4 5	
	<u>Acrylonitrile-butadiene-styrene copolymers</u> -- (must report the individual monomer components)	11/20	-		10		Z
124049	<u>Adipic acid</u>	11/20	<u>ChemSet-2</u>		100		Z
111693	<u>Adiponitrile</u>	11/20	<u>ChemSet-2</u>		100		Z
116063	<u>Aldicarb</u>	11/20	<u>ChemSet-2</u>		1		Z [19]
106956	<u>Allyl bromide</u>	11/20	<u>ChemSet-2</u>		100		Z
107051	Allyl chloride		e	c	5	1 2 4	
109751	<u>Allyl cyanide</u>	11/20	<u>ChemSet-2</u>		0.05		Z
57067	<u>Allyl isothiocyanate</u>	11/20	<u>ChemSet-2</u>		5		Z
2835394	<u>Allyl isovalerate</u>	11/20	<u>ChemSet-2</u>		100		Z
96059	<u>Allyl methacrylate</u>	11/20	<u>ChemSet-2</u>		100		Z
2179591	<u>Allyl propyl disulfide</u>	11/20	<u>ChemSet-2</u>		100		Z
7429905	Aluminum	06/91	e		100	1	
1344281	Aluminum oxide (fibrous forms)	06/91	e		100		7
117793	2-Aminoanthraquinone [PAH-Derivative/Related, POM]		e	c	5	1 2 4 5	
92671	4-Aminobiphenyl [POM]		e	c	100	1 2 3 4 5	
95852	<u>2-Amino-4-chlorophenol</u>	11/20	<u>ChemSet-2</u>	c	50	3 4	
81492	1-Amino-2,4-dibromoanthraquinone [PAH-Derivative/Related, POM]	11/20	<u>ChemSet-1</u>	c	0.5	3 4 5	
77094112	<u>2-Amino-3,4-dimethylimidazo[4,5-f]quinoline</u>	11/20	<u>ChemSet-2</u>	c	50	3 4	
77500040	<u>2-Amino-3,8-dimethylimidazo[4,5-f]quinoxaline</u>	11/20	<u>ChemSet-2</u>	c	50	3 4	
153786	<u>2-Amino-4-nitrophenol</u>	11/20	<u>ChemSet-1</u>	c	0.5	4	
99570	<u>2-Amino-5-nitrophenol</u>	11/20	<u>ChemSet-2</u>		100		Z
121880	<u>2-Amino-6-nitrophenol</u>	11/20	<u>ChemSet-2</u>		100		Z
119346	<u>4-Amino-2-nitrophenol</u>	11/20	<u>ChemSet-2</u>	c	50	4	
33089611	<u>Amitraz</u>	11/20	<u>ChemSet-2</u>		0.1	4	[19]
61825	Amitrole		e	c	0.1	3 4 5	
7664417	Ammonia		e		200	1 2	
12125029	<u>Ammonium chloride</u>	11/20	<u>ChemSet-2</u>		100		Z
6484522	Ammonium nitrate	06/91	e		100	1	

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7783202	Ammonium sulfate	06/91	e		100	1	
994058	tert-Amyl methyl ether	11/20	ChemSet-2		100	4	
62533	Aniline	09/90	e	c	5	1 2 3 4	
142041	Aniline hydrochloride	11/20	ChemSet-1	c	5	3 4	Z
90040	o-Anisidine		e	c	100	1 2 3 4 5	
191264	Anthanthrene [PAH, POM] (see PAH)	11/20	(see cross-ref)		0.5		Z
	- Anthracene [PAH, POM], (see PAH)		e		50	1 2	Z
90640805	Anthracene oil	11/20	ChemSet-2		100		Z
90640816	Anthracene oil, anthracene paste	11/20	ChemSet-2		100		Z
91995152	Anthracene oil, anthracene paste, anthracene fraction	11/20	ChemSet-2		100		Z
91995174	Anthracene oil, anthracene paste, distillation lights	11/20	ChemSet-2		100		Z
90640827	Anthracene oil, anthracene-low	11/20	ChemSet-2		100		Z
118923	Anthranilic acid	11/20	ChemSet-2		100		Z
84651	Anthraquinone [PAH-Derivative/Related, POM]	11/20	ChemSet-2	c	0.5	3 4	
7440360	Antimony	06/91	e		1		7
	* Antimony compounds including but not limited to:	06/91	e		1	1 2	[7]
1309644	Antimony trioxide {Antimony oxide}	09/90	e	c	1	1 2 3 4	[7]
1314609	Antimony trioxide {Antimony oxide} (alt. CAS, see CAS 1309644)	11/20	e	c	1	1 2 3 4	[7] [21]
1345046	Antimony trisulfide	11/20	ExistGrp		1		Z [7]
7803523	Stibine {Antimony hydride}	11/20	ChemSet-2		1	1 2 3 4	Z [7]
24938645	p-Aramid fibrils	11/20	ChemSet-2		100		Z
7440382	Arsenic		e	c	0.01	1 2 3 4 5	
	1016 Arsenic compounds (inorganic) including but not limited to:		e	c	0.01	1 2 3 4 5	[7]
7784421	Arsine		e	c	0.01	1 2 3	7 [7]
7778394	Arsenic acid	11/20	ExistGrp	c	0.01	3	Z [7] [19]
	* Arsenic (inorganic oxides)	11/20	ExistGrp	c	0.01	3 4	[7]
1303282	Arsenic pentoxide	11/20	ExistGrp	c	0.01	3 4	Z [7] [19]
1327533	Arsenic trioxide	11/20	ExistGrp	c	0.01	3 4	Z [7] [19]
7778441	Calcium arsenate	11/20	ExistGrp	c	0.01	3	Z [7]
1303000	Gallium arsenide	11/20	ExistGrp	c	0.01	3 4	[7]
	1017 Arsenic compounds (other than inorganic)	06/91	e		0.1	1	[7]
75605	Cacodylic acid {Dimethylarsinic acid}	11/20	ExistGrp	c	0.1	3	[7]
124583	Methylarsonic acid	11/20	ExistGrp	c	0.1	3	[7] [19]
	- Asbestos (all forms; see Mineral fibers)		e				
1912249	Atrazine	11/20	ChemSet-2		20	4	[19]
86500	Azinphosmethyl	11/20	ChemSet-2		100		Z [19]
131860338	Azoxystrobin	11/20	ChemSet-2		100		Z
7440393	Barium	06/91	e		1		7
	* Barium Compounds	06/91	e		1	1	[7]
7727437	Barium sulfate	11/20	ExistGrp		1	1	Z
22781233	Bendiocarb	11/20	ChemSet-2		50		Z
17804352	Benomyl	11/20	ChemSet-2		0.01	4	[19]
741582	Bensulfide	11/20	ChemSet-2		100		Z [19]

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100527	<u>Benzaldehyde</u>	11/20	<u>ChemSet-2</u>		100		Z
	- Benz[a]anthracene [PAH, POM], (see PAH)		e	c	0.5	1 2 3 4 5	
2498660	<u>Benz[a]anthracene-7,12-dione [PAH-Derivative/Related, POM]</u>	11/20	<u>ChemSet-2</u>		0.5		Z
82053	<u>Benzanthrone [PAH-Derivative/Related, POM]</u>	11/20	<u>ChemSet-2</u>		0.5		Z
71432	Benzene		e	c	2	1 2 3 4 5	
91156	<u>1,2-Benzenedicarbonitrile (see Phthalonitrile)</u>	11/20	(see cross-ref)		100		Z
98113	<u>Benzenesulfonic acid</u>	11/20	<u>ChemSet-2</u>		100		Z
108985	<u>Benzenethiol</u>	11/20	<u>ChemSet-2</u>		100		Z
92875	Benzidine (and its salts) [POM]		e	c	0.0001	1 2 3 4 5	
1020	Benzidine-based dyes [POM] including but not limited to:		e	c	0.0001	1 2 3 4	
28407376	<u>C.I. Direct Blue 218 [PAH-Derivative/Related, POM]</u>	11/20	<u>ChemSet-1</u>	c	0.0001	4	
612828	<u>3,3'-Dimethylbenzidine dihydrochloride</u>	11/20	<u>ChemSet-1</u>	c	0.0001	4	
1937377	<u>Direct Black 38 [PAH-Derivative/Related, POM]</u>		e	c	0.0001	1 2 4 5	
2602462	<u>Direct Blue 6 [PAH-Derivative/Related, POM]</u>		e	c	0.0001	1 2 4 5	
16071866	<u>Direct Brown 95 (technical grade) [POM]</u>	09/89	e	c	0.0001	1 2 4	
214175	<u>Benzo[b]chrysene [PAH, POM] (see PAH)</u>	11/20	(see cross-ref)		0.5		Z
	- Benzo[b]fluoranthene [PAH, POM], (see PAH)		e	c	0.5	1 2 3 4 5	
203123	<u>Benzo[g,h,i]fluoranthene [PAH, POM] (see PAH)</u>	11/20	(see cross-ref)		0.5		Z
	- Benzo[j]fluoranthene [PAH, POM] (see PAH)		e	c	0.5	1 2 3 4 5	
	- Benzo[k]fluoranthene [PAH, POM] (see PAH)		e	c	0.5	1 2 3 4 5	
271896	Benzofuran	06/91	e	c	100	3 4	
98077	Benzoic trichloride {Benzotrichloride}		e	c	10	1 2 4 5	
100470	<u>Benzonitrile</u>	11/20	<u>ChemSet-2</u>		100		Z
119619	<u>Benzophenone</u>	11/20	<u>ChemSet-1</u>	c	2	3 4	Z
131577	<u>Benzophenone-3 (BP3) (Oxybenzone)</u>	11/20	<u>ChemSet-2</u>		100		Z
	- Benzo[a]pyrene [PAH, POM], (see PAH)		e	c	0.05	1 2 3 4 5	
105113	<u>p-Benzquinone dioxime</u>	11/20	<u>ChemSet-2</u>		100		Z
98884	Benzoyl chloride	06/91	e	c	100 50	1 3	
94360	Benzoyl peroxide	06/91	e		100		7
100516	<u>Benzyl alcohol</u>	11/20	<u>ChemSet-2</u>		100		6 Z
100447	Benzyl chloride		e	c	1	1 2 3 4	
7440417	Beryllium		e	c	0.001	1 2 3 4 5	
	* Beryllium compounds including but not limited to:	09/89	e	c	0.001	1 2 3 4 5	[7]
13510491	<u>Beryllium sulfate</u>	11/20	ExistGrp	c	0.001	3 4	[7]
7787566	<u>Beryllium sulfate (tetrahydrate)</u>	11/20	ExistGrp	c	0.001	3 4	[7]
1304569	<u>Beryllium oxide</u>	11/20	ExistGrp	c	0.001	3 4	[7]
82657043	<u>Bifenthrin</u>	11/20	<u>ChemSet-2</u>		0.05		Z [19]
92524	Biphenyl [POM]	06/91	e		0.5	1 2	
3296900	<u>2,2-Bis(bromomethyl)propane-1,3-diol (see Brominated and Chlorinated Organic Compounds Used as Flame Retardants)</u>	11/20	(see cross-ref)	c	50	3 4 5	
111444	Bis(2-chloroethyl) ether {DCEE}	09/89	e	c	0.05	1 2 4	[19]
39638329	<u>Bis(2-chloroisopropyl) ether</u>	11/20	<u>ChemSet-2</u>		0.05		Z
542881	Bis(chloromethyl) ether		e	c	0.001	1 2 3 4 5	
108601	<u>Bis(2-chloro-1-methylethyl) ether (BCMEE)</u>	06/91	<u>ChemSet-1</u>	c	50	4	Z

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	<u>Bis(2-chloro-1-methylethyl) ether, Technical grade: mixture of CAS 108601 and 83270319</u> - (see Bis(2-Chloro-1-methylethyl)ether)	11/20	(see cross-ref)	c	50	4	Z
2386905	<u>Bis(2,3-epoxycyclopentyl) ether</u>	11/20	ChemSet-2		100		Z
103231	Bis(2-ethylhexyl) adipate	06/91	e		100	1	
80057	<u>Bisphenol A (BPA)</u>	11/20	ChemSet-2		100	1 2	6
1675543	<u>Bisphenol A diglycidyl ether (BADGE) (Araldite)</u>	11/20	ChemSet-2		100		6
1478611	<u>Bisphenol AF (BPAF) (Hexafluorobisphenol A)</u>	11/20	ChemSet-2		100		Z
77407	<u>Bisphenol B (BPB)</u>	11/20	ChemSet-2		100		Z
620928	<u>Bisphenol F (BPF)</u>	11/20	ChemSet-2		100		Z
2095036	<u>Bisphenol F diglycidyl ether (BFDGE)</u>	11/20	ChemSet-2		100		Z
80091	<u>Bisphenol S (BPS)</u>	11/20	ChemSet-2		100		Z
56359	<u>Bis(tributyltin) oxide (TBTO)</u>	11/20	ChemSet-2		5		Z
1303862	<u>Boron oxide</u>	11/20	ChemSet-2		100		Z [19]
10294334	<u>Boron tribromide</u>	11/20	ChemSet-2		100		Z
10294345	<u>Boron trichloride</u>	11/20	ChemSet-2		100		Z
	-- Boron trifluoride complexes including but not limited to:	11/20	ChemSet-2		100		6
7637072	<u>Boron trifluoride</u>	11/20	ChemSet-2		100		6
13319750	<u>Boron trifluoride dihydrate</u>	11/20	ChemSet-2		100		6
109637	<u>Boron trifluoride ethers</u>	11/20	ChemSet-2		100		Z
353424	<u>Boron trifluoride ethers (alt. CAS, see CAS 109637)</u>	11/20	(see cross-ref)		100		Z
314409	<u>Bromacil</u>	11/20	ChemSet-2		100		Z
53404196	<u>Bromacil lithium salt</u>	11/20	ChemSet-2		100	4	Z [19]
	-- Brominated and Chlorinated Organic Compounds used as Flame Retardants:	11/20	-		100		Z
3278895	<u>Allyl 2,4,6-tribromophenyl ether (ATE)</u>	11/20	ChemSet-2		100		Z
3296900	<u>2,2-Bis(bromomethyl)-1,3-propanediol</u>	11/20	ChemSet-2	c	50	3 4 5	
38051104	<u>2,2-Bis(chloromethyl)trimethylene bis[bis(2-chloroethyl)phosphate]</u>	11/20	ChemSet-2		100		Z
26040517	<u>Bis(2-ethyl-1-hexyl)tetrabromophthalate (TBPH)</u>	11/20	ChemSet-2		100		Z
13560899	<u>Bis(hexachlorocyclopentadieno)cyclooctane</u>	11/20	ChemSet-2		100		Z
37853591	<u>1,2-Bis(2,4,6-tribromophenoxy)ethane (BTBPE)</u>	11/20	ChemSet-2		100		Z
1042	<u>Brominated Polystyrenes</u>	11/20	ChemSet-2		50		Z
99717563	<u>2-Bromoallyl 2,4,6-tribromophenyl ether (BATE)</u>	11/20	ChemSet-2		100		Z
115286	<u>Chlorendic acid</u>	09/89	e	c	50	3 4 5	
108171262	<u>Chlorinated paraffins (see Chlorinated Paraffins: average chain length, C12; approximately 60% Chlorine by weight) (This includes C10-13, chloro Short Chain Chlorinated Paraffins))</u>	11/20	e	c	2	3 4 5	
84852539	<u>Decabromodiphenyl ethane (DBDPE)</u>	11/20	ChemSet-1		1		Z
1163195	<u>Decabromodiphenyl ether (see Polybrominated diphenyl ethers: Decabromodiphenyl oxide)</u>	11/20	(see cross-ref)		1	1 2	
3322938	<u>1,2-Dibromo-4-(1,2-dibromoethyl)cyclohexane (TBECH)</u>	11/20	ChemSet-2		100		Z
615587	<u>2,4-Dibromophenol</u>	11/20	ChemSet-2		100		Z
35109605	<u>2,3-Dibromopropyl-2,4,6-tribromophenyl ether (DPTE)</u>	11/20	ChemSet-2		100		Z
183658277	<u>2-Ethyl-1-hexyl-2,3,4,5-tetrabromobenzoate (TBB)</u>	11/20	ChemSet-2		100		Z
860302336	<u>Firemaster® 550</u>	11/20	ChemSet-2		100		Z
87821	<u>Hexabromobenzene (HBB)</u>	11/20	ChemSet-2		10		Z
59080409	<u>2,2',4,4',5,5'-Hexabromobiphenyl</u>	11/20	ChemSet-2		10		5
67774327	<u>Hexabromobiphenyl mixture including Firemaster FF-1</u>	11/20	ChemSet-2		10		5

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36355018	Hexabromobiphenyls	11/20	ChemSet-2		10	5	
25637994	Hexabromocyclododecane (HBCD)	11/20	ChemSet-1		100		Z
51936551	Hexachlorocyclopentadienyl-dibromocyclooctane	11/20	ChemSet-2		100		Z
20566352	2-Hydroxypropyl 2-(2-hydroxyethyl)ethyl tetrabromophthalate	11/20	ChemSet-2		100		Z [21]
203210699	2-Hydroxypropyl 2-(2-hydroxyethyl)ethyl tetrabromophthalate (alt. CAS No. 1, see CAS 20566352)	11/20	(see cross-ref)		100		Z [21]
1150314503	2-Hydroxypropyl 2-(2-hydroxyethyl)ethyl tetrabromophthalate (alt. CAS No. 2, see CAS 20566352)	11/20	(see cross-ref)		100		Z [21]
1429904277	2-Hydroxypropyl 2-(2-hydroxyethyl)ethyl tetrabromophthalate (alt. CAS No. 3, see CAS 20566352)	11/20	(see cross-ref)		100		Z [21]
1121	Isobutoxypentabromocyclododecanes (iBPBCDs)	11/20	ChemSet-2		100		Z
155613937	Octabromotrimethylphenylindane (OBIND)	11/20	ChemSet-2		100		Z
	= PBDEs (see Polybrominated diphenyl ethers)	11/20	(see cross-ref)		1		Z
85223	Pentabromoethylbenzene (PBEB)	11/20	ChemSet-2		100		Z
608719	Pentabromophenol (PBP)	11/20	ChemSet-2		100		Z
87832	Pentabromotoluene (PBT)	11/20	ChemSet-2		100		Z
42757551	1,1'-Sulfonylbis[3,5-dibromo-4-(2,3-dibromopropoxy)-benzene]	11/20	ChemSet-2		100		Z
79947	Tetrabromobisphenol A (TBBPA)	11/20	ChemSet-1	c	50	3 4	
21850442	Tetrabromobisphenol A bis(2,3-dibromopropyl) ether (TBBPA-DBPE)	11/20	ChemSet-1		100		Z
4162452	Tetrabromobisphenol A bis(2-hydroxyethyl) ether	11/20	ChemSet-2		100		Z
25327893	Tetrabromobisphenol A diallyl ether	11/20	ChemSet-2		100		Z [21]
37769316	Tetrabromobisphenol A diallyl ether (alt. CAS, see CAS 25327893)	11/20	(see cross-ref)		100		Z [21]
77098078	Tetrabromophthalic acid, mixed esters	11/20	ChemSet-1		100		Z
75790691	Tetrabromophthalic acid, mixed esters (alt. CAS, see CAS 77098078)	11/20	(see cross-ref)		100		Z [21]
23488382	2,3,5,6-Tetrabromo-p-xylene	11/20	ChemSet-2		100		Z
36483575	Tribromoneopentylalcohol	11/20	ChemSet-2		100		Z
118796	2,4,6-Tribromophenol	11/20	ChemSet-1		100		Z
115968	Tris(2-chloroethyl) phosphate (TCEP)	11/20	(see cross-ref)	c	50	4	
13674845	Tris(1-chloro-2-propyl)phosphate (TCPP)	11/20	(see cross-ref)		100		Z [21]
1689320	Tris(1-chloro-2-propyl)phosphate (TCPP) (alt. CAS No. 1, see CAS 13674845)	11/20	(see cross-ref)		100		Z [21]
98112324	Tris(1-chloro-2-propyl)phosphate (TCPP) (alt. CAS No. 2, see CAS 13674845)	11/20	(see cross-ref)		100		Z [21]
52434909	Tris(2,3-dibromopropyl) isocyanurate	11/20	ChemSet-1		100		Z
126727	Tris(2,3-dibromopropyl) phosphate (TDBPP)	09/89	e	c	50	3 4	
13674878	Tris(1,3-dichloro-2-propyl) phosphate (TCDP) (TDCPP)	11/20	(see cross-ref)	c	10	4	
78433	Tris(2,3-dichloro-1-propyl) phosphate	11/20	ChemSet-2		100		Z
19186971	Tris(tribromoneopentyl)phosphate	11/20	ChemSet-2		100		Z
25713604	2,4,6-Tris(2,4,6-tribromophenoxy)-1,3,5-triazine	11/20	ChemSet-2		100		Z
56362017	2,4,6-Tris(2,4,6-tribromophenoxy)-1,3,5-triazine (alt. CAS No. 1, see CAS 25713604)	11/20	(see cross-ref)		100		Z [21]
157971545	2,4,6-Tris(2,4,6-tribromophenoxy)-1,3,5-triazine (alt. CAS No. 2, see CAS 25713604)	11/20	(see cross-ref)		100		Z [21]
136991021	2,4,6-Tris(2,4,6-tribromophenoxy)-1,3,5-triazine (alt. CAS No. 3, see CAS 25713604)	11/20	(see cross-ref)		100		Z [21]
7726956	Bromine		e		0.5	2	
	* Bromine compounds (inorganic) including but not limited to:		e		100	1 2	[7]
15541454	Bromate	11/20	ChemSet-1	c	50	4	
7789302	Bromine pentafluoride	11/06	e		100		7
10035106	Hydrogen bromide	11/06	e		20		7
7758012	Potassium bromate		e	c	0.1	1 3 4	[7]

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Emittent ID [Note 1]	Substance Name [Note 2]	Add Date [Note 3]	Effective Phase [Note 23]	Carcinogen [Note 4]	Applicable Degree of Accuracy (lb/yr) [Note 5]	Source List(s) [Note 6]	Other Note(s)
108861	<u>Bromobenzene</u>	11/20	<u>ChemSet-2</u>		10	Z	
5589968	<u>Bromochloroacetic acid</u>	11/20	<u>ChemSet-1</u>	c	50	3 4	
83463621	<u>Bromochloroacetonitrile</u>	11/20	<u>ChemSet-1</u>		100	Z	
109706	<u>1-Bromo-3-chloropropane</u>	11/20	<u>ChemSet-1</u>	c	50	3	
71133147	<u>Bromodichloroacetic acid</u>	11/20	<u>ChemSet-1</u>	c	50	4	
75274	<u>Bromodichloromethane (BDCM)</u>	11/20	<u>ChemSet-1</u>		100	Z	
74964	<u>Ethyl bromide (Bromoethane)</u>	11/20	<u>ChemSet-1</u>	c	50	4	
75252	<u>Bromoform</u>	06/91	e	c	100	1 2 4	
27497514	<u>Bromonaphthalene</u>	11/20	<u>ChemSet-2</u>		100	Z	
106945	<u>1-Bromopropane (see n-Propyl Bromide)</u>	11/20	(see cross-ref)	c	50	3 4 5 6	
75263	<u>2-Bromopropane</u>	11/20	<u>ChemSet-2</u>		100	4	
1689992	<u>Bromoxynil octanoate</u>	11/20	<u>ChemSet-2</u>		100	4	[19]
106990	<u>1,3-Butadiene</u>		e	c	0.1	1 2 3 4 5	
57018527	<u>1-tert-Butoxypropan-2-ol (see Glycol Ethers: Propylene glycol t-butyl ether)</u>	11/20	(see cross-ref)	c	50	3 6	
540885	<u>t-Butyl acetate (TBAC)</u>	11/06	e	c	200 50	7	
141322	<u>Butyl acrylate</u>	06/91	e		100	1	
71363	<u>n-Butyl alcohol</u>	06/91	e		100	1	
78922	<u>sec-Butyl alcohol</u>	06/91	e		100	1	
75650	<u>tert-Butyl alcohol</u>	06/91	e		100	1	
85687	<u>Butyl benzyl phthalate (BBP) (BzBP) (see Phthalates, ortho-Phthalates)</u>	06/91	e		100	1 4	
1189851	<u>tert-Butyl chromate(VI) (see Chromium, hexavalent (and compounds))</u>	11/20	(see cross-ref)	c	0.001	1 2 4 5	Z
2426086	<u>n-Butyl glycidyl ether (Butyl 2,3-epoxypropylether)</u>	11/20	<u>ChemSet-1</u>	c	50	3 4 6	
75912	<u>tert-Butyl hydroperoxide</u>	11/20	<u>ChemSet-2</u>		100	Z	
81152	<u>5-tert-Butyl-2,4,6-trinitro-m-xylene</u>	11/20	<u>ChemSet-2</u>		100	Z	
98511	<u>p-tert-Butyltoluene</u>	11/20	<u>ChemSet-2</u>		100	Z	
96480	<u>gamma-Butyrolactone</u>	11/20	<u>ChemSet-2</u>		100	Z	
109740	<u>n-Butyronitrile</u>	11/20	<u>ChemSet-2</u>		100	Z	
7440439	<u>Cadmium</u>		e	c	0.01	1 2 3 4 5	
	* Cadmium compounds including but not limited to:		e	c	0.01	1 2 3 4 5	[7]
10108642	<u>Cadmium chloride</u>	11/20	<u>ExistGrp</u>	c	0.01	3 4	Z [7] [19]
141004	<u>Cadmium succinate</u>	11/20	<u>ExistGrp</u>	c	0.01	3 4	Z [7] [19]
95465999	<u>Cadusafos</u>	11/20	<u>ChemSet-2</u>		0.5	Z	[19]
156627	<u>Calcium cyanamide</u>	06/91	e		100	1 2	
1305788	<u>Calcium oxide</u>	11/20	<u>ChemSet-2</u>		100	Z	
1046	<u>Cannabis (Marijuana) smoke</u>	11/20	<u>ChemSet-2</u>	c	50	4	
1047	<u>Cannabis (Marijuana) vaping vapor</u>	11/20	<u>ChemSet-2</u>		100	4	
105602	<u>Caprolactam</u>	06/91	e		100	1 2 4	
2425061	<u>Captafol</u>	09/89	e	c	100	3 4	
133062	<u>Captan</u>	09/90	e	c	100	1 2 4	
63252	<u>Carbaryl [PAH-Derivative/Related, POM]</u>	06/91	<u>Chemset-1</u>	c	100	1 2 4	
86748	<u>Carbazole [PAH-Derivative/Related, POM]</u>	11/20	<u>ChemSet-1</u>	c	5	3 4	
1563662	<u>Carbofuran</u>	11/20	<u>ChemSet-2</u>		50	Z	[19]
1333864	<u>Carbon black</u>	11/20	<u>ChemSet-2</u>	c	50	3 4	

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1050	Carbon black extracts		e	c	2	1 3 4	
75150	Carbon disulfide	09/89	e		200	1 2 4	
	-- Carbon nanotubes including but not limited to	11/20	-		50	3	
308068566	<u>Carbon nanotubes, multiwalled, other than MWCNT-7</u>	11/20	ChemSet-1	c	50	3	
56235	Carbon tetrachloride		e	c	1	1 2 3 4 5	
353504	<u>Carbonyl fluoride</u>	11/20	ChemSet-2		100		Z
463581	Carbonyl sulfide	06/91	e		100	1 2	
1055	Carrageenan (degraded)		e	c	100	3 4	
120809	Catechol	06/91	e	c	400 50	1 2 3 4	
7440451	<u>Cerium and compounds</u>	11/20	ChemSet-2		100		Z [7]
75876	<u>Chloral</u>	11/20	ChemSet-1	c	50	3 4	Z
133904	Chloramben	06/91	e		100	1 2	
10599903	<u>Chloramine</u>	11/20	ChemSet-1		100		Z
57749	Chlordane	09/89	e	c	10	1 2 3 4	
115286	<u>Chlorendic acid (see also Brominated and Chlorinated Organic Compounds used as Flame Retardants)</u>	09/89	e	c	50	3 4 5	
108171262	<u>Chlorinated paraffins (average chain length, C12; approximately 60% Chlorine by weight; this includes C10-13, chloro Short Chain Chlorinated Paraffins; see also Brominated and Chlorinated Organic Compounds used as Flame Retardants)</u>	09/89	e	c	2	3 4 5	
31242930	<u>Chlorinated diphenyl oxide (Hexachlorodiphenyl ether)</u>	11/20	ChemSet-2		10		Z
7782505	Chlorine		e		0.5	1 2	
10049044	Chlorine dioxide	06/91	e		1	1	
7790912	<u>Chlorine trifluoride</u>	11/20	ChemSet-1		0.05		Z
79118	Chloroacetic acid	06/91	e		100	1 2	
107142	<u>Chloroacetonitrile</u>	11/20	ChemSet-2		100		Z
532274	2-Chloroacetophenone	06/91	e		0.1	1 2	
106478	p-Chloroaniline	07/96	e	c	400 50	3 4	7
20265967	<u>p-Chloroaniline hydrochloride</u>	11/20	ChemSet-1	c	50	4	
1058	Chlorobenzenes including but not limited to:	06/91	e		100	1	
108907	Chlorobenzene		e		200	1 2	
25321226	Dichlorobenzenes (mixed isomers) including:	06/91	e		100	1	7
95501	1,2-Dichlorobenzene	06/91	e		200	1	7
541731	1,3-Dichlorobenzene	06/91	e		100	1	7
106467	p-Dichlorobenzene (1,4-Dichlorobenzene)		e	c	5	1 2 3 4 5	
634662	<u>1,2,3,4-Tetrachlorobenzene</u>	11/20	ChemSet-2		100		Z
95943	<u>1,2,4,5-Tetrachlorobenzene</u>	11/20	ChemSet-2		100		Z
12408105	<u>Tetrachlorobenzene (mixed isomers)</u>	11/20	ChemSet-2		100		Z
87616	<u>1,2,3-Trichlorobenzene</u>	11/20	ChemSet-2		100		Z
120821	1,2,4-Trichlorobenzene	06/91	e		200	1 2	
510156	Chlorobenzilate [POM] {Ethyl-4,4'-dichlorobenzilate}	09/90	e	c	100	1 2 4	
98566	<u>4-Chlorobenzotrifluoride (PCBTF) (see 1-Chloro-4-(trifluoromethyl)benzene)</u>	11/20	(see cross-ref)	c	50	3 4	6
77439760	<u>3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone</u>	11/20	ChemSet-2	c	50	3 4	
67663	Chloroform		e	c	10	1 2 3 4 5	
1319864	<u>Chloromethoxy Propyl Mercuric Acetamide</u>	11/20	ChemSet-2		100		Z [19]

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83270319	<u>2-Chloro-1-methylethyl(2-chloropropyl) ether</u>	11/20	<u>ChemSet-1</u>	c	50	4	Z
107302	Chloromethyl methyl ether (technical grade)		e	c	100	1 2 3 4 5	
91587	<u>2-Chloronaphthalene [PAH-Derivative/Related, POM]</u>	11/20	<u>ChemSet-1</u>		0.5		Z
	-- Chloronitrobenzenes including but not limited to:	11/20	-		100		Z
88733	<u>1-Chloro-2-nitrobenzene (o-Chloronitrobenzene)</u>	11/20	<u>ChemSet-1</u>	c	50	3 4	Z
100005	<u>1-Chloro-4-nitrobenzene (p-Chloronitrobenzene)</u>	11/20	<u>ChemSet-1</u>	c	50	3 4	
89612	<u>1,4-Dichloro-2-nitrobenzene</u>	11/20	<u>ChemSet-1</u>	c	50	3 4	
611063	<u>2,4-Dichloro-1-nitrobenzene</u>	11/20	<u>ChemSet-1</u>	c	50	3 4	
121733	<u>m-Chloronitrobenzene (3-Chloronitrobenzene)</u>	11/20	<u>ChemSet-1</u>		100		Z
82688	<u>Pentachloronitrobenzene (Quintobenzene)</u>	06/91	e		100	1 2	
1060	Chlorophenols including but not limited to:		e	c	100	1 3	
95578	2-Chlorophenol	11/06	e		10	1 3	
108430	<u>3-Chlorophenol (m-Chlorophenol)</u>	11/20	<u>ChemSet-2</u>		100	1	
106489	<u>4-Chlorophenol (p-Chlorophenol)</u>	11/20	<u>ChemSet-2</u>		100	1	
120832	2,4-Dichlorophenol	06/91	e	c	100	1 3	7
583788	<u>2,5-Dichlorophenol</u>	11/20	<u>ChemSet-2</u>	c	100		Z
87865	Pentachlorophenol	09/90	e	c	10	1 2 3 4	
25167833	Tetrachlorophenols including but not limited to:	11/06	e	c	10	3	7
58902	2,3,4,6-Tetrachlorophenol	07/96	e	c	100	1 3	7
95954	2,4,5-Trichlorophenol	06/91	e	c	100	1 2 3	
136323	<u>2,4,5-Trichlorophenol sodium salt</u>	11/20	<u>ChemSet-2</u>	c	100		Z [19]
88062	2,4,6-Trichlorophenol		e	c	2	1 2 3 4	
3380345	<u>Triclosan (2,4,4'-Trichloro-2'-hydroxydiphenyl ether)</u>	11/20	<u>ChemSet-2</u>	c	100	3	Z
95830	4-Chloro-o-phenylenediamine		e	c	10	3 4 5	
76062	Chloropicrin		e		2		7
126998	Chloroprene		e	c	5	1 2 3 4	
598787	<u>2-Chloropropionic acid</u>	11/20	<u>ChemSet-2</u>		100	4	
78897	<u>2-Chloropropanal</u>	11/20	<u>ChemSet-2</u>		100		Z
106434	<u>p-Chlorotoluene</u>	11/20	<u>ChemSet-2</u>		100		Z
1897456	<u>Chlorothalonil</u>	09/89	e	c	50	3 4	
95794	<u>5-Chloro-o-toluidine and its strong acid salts</u>	11/20	<u>ChemSet-1</u>	c	0.5	4	
95692	p-Chloro-o-toluidine		e	c	0.5	3 4	
3165933	<u>p-Chloro-o-toluidine Hydrochloride</u>	11/20	<u>ChemSet-1</u>	c	0.5	4 5	
75729	<u>Chlorotrifluoromethane (CFC-113)</u>	11/20	<u>ChemSet-2</u>		100		Z
98566	<u>1-Chloro-4-(trifluoromethyl)benzene (PCBTF)</u>	11/20	<u>ChemSet-1</u>	c	50	3 6	
2921882	<u>Chlorpyrifos</u>	11/20	<u>ChemSet-2</u>		20	4	[19]
1861321	<u>Chlorthal-dimethyl</u>	11/20	<u>ChemSet-2</u>		10		Z [19]
7440473	Chromium	06/91	e		0.001		7
	* Chromium compounds (other than hexavalent) including but not limited to:	06/91	e		0.001	1 2	[7]
16065831	<u>Chromium (III) compounds including but not limited to:</u>	11/20	<u>ExistGrp</u>		50		Z [7]
39345921	<u>Chromium (III) chloride</u>	11/20	<u>ExistGrp</u>		50		Z [7]
10101538	<u>Chromium (III) sulfate</u>	11/20	<u>ExistGrp</u>		50		Z [7]
18540299	Chromium, hexavalent (and compounds) including but not limited to:		e	c	0.0001	1 2 3 4 5	[7]

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10294403	Barium chromate	06/91	e	c	0.001	1 2 4 5	[7]
1189851	tert-Butyl chromate(VI)	11/20	ChemSet-1	c	0.001	1 2 4 5	Z [7]
13765190	Calcium chromate	06/91	e	c	0.001	1 2 4 5	[7]
1333820	Chromium trioxide	06/91	e	c	0.0001	1 2 4 5	[7]
7758976	Lead chromate	06/91	e	c	0.001	1 2 4 5	[7]
10588019	Sodium dichromate	06/91	e	c	0.0001	1 2 4 5	[7]
7789062	Strontium chromate	06/91	e	c	0.001	1 2 4 5	[7]
	- Chrysene [PAH, POM], (see PAH)		e	c	5	1 2 3 4	
28407376	C.I. Direct Blue 218 [PAH-Derivative/Related, POM] (see Benzidine-based dyes)	11/20	(see cross-ref)	c	0.0001	4	
1215	Coal dust	11/20	ChemSet-2		50		Z
8007452	Coal tars	09/89	e	c	50	3 4 5	
7440484	Cobalt	06/91	e	c	0.5 0.01	3 4	7 [7]
	* Cobalt compounds	06/91	e	c	0.5 0.01	1 2 3	[7]
1216	Cobalt compounds, insoluble, including but not limited to:	11/20	ExistGrp	c	0.01	3	[7]
513791	Cobalt carbonate	11/20	ExistGrp	c	0.01	3	Z [7]
10210681	Cobalt carbonyl	11/20	ExistGrp	c	0.01	3	Z [7]
21041930	Cobalt hydroxide	11/20	ExistGrp	c	0.01	3	Z [7]
814891	Cobalt oxalate	11/20	ExistGrp	c	0.01	3	Z [7]
1307966	Cobalt [III] oxide	11/20	ExistGrp	c	0.01	3 4	[7]
1308061	Cobalt [IIII] oxide	11/20	ExistGrp	c	0.01	3	Z [7]
1317426	Cobalt sulfide	11/20	ExistGrp	c	0.01	3	Z [7]
1217	Cobalt sulfate and other soluble cobalt compounds, including but not limited to:	11/20	ExistGrp	c	0.1	3	[7]
71487	Cobalt acetate (tetrahydrate)	11/20	ExistGrp	c	0.5	3	Z [7]
7646799	Cobalt chloride (hexahydrate)	11/20	ExistGrp	c	0.5	3	Z [7]
16842038	Cobalt hydrocarbyl	11/20	ExistGrp	c	0.5	3	Z [7]
10141056	Cobalt nitrate (hexahydrate)	11/20	ExistGrp	c	0.5	3	Z [7]
136527	Cobalt octoate	11/20	ExistGrp	c	0.5	3	Z [7]
10124433	Cobalt sulfate	11/20	ExistGrp	c	0.1	3 4	[7]
10026241	Cobalt sulfate (heptahydrate)	11/20	ExistGrp	c	0.5	3 4	Z [7]
12070121	Cobalt metal with tungsten carbide	11/20	ExistGrp	c	0.01	3	[7]
1066	Coke oven emissions		e	c	0.05	1 2 3 4 5	
7440508	Copper		e		0.1	2	
	* Copper compounds including but not limited to:	09/89	e		0.1	1 2	[7]
	* Copper fume (as Copper)	11/20	ExistGrp		0.1		Z [7]
1070	Creosotes		e	c	0.05	1 3 4	
8001589	Creosotes		e	c	0.05	1 3 4	
102501	meta-Cresidine	11/20	e		100		Z
120718	p-Cresidine		e	c	1	3 4 5	
1319773	Cresols (mixtures of) {Cresylic acid} including:		e		5	1 2	
108394	m-Cresol	06/91	e		5	1 2	
95487	o-Cresol	06/91	e		5	1 2	
106445	p-Cresol	06/91	e		5	1 2	
4170303	Crotonaldehyde	07/96	e	c	50		7

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98828	Cumene	06/91	e	c	200 50	1 2 3 4	
80159	Cumene hydroperoxide	06/91	e		100	1	
135206	Cupferron		e	c	0.5	3 4 5	
420042	<u>Cyanamide (Hydrogen cyanamide)</u>	11/20	<u>ChemSet-2</u>		100		I [19]
1073	Cyanide compounds (inorganic) including but not limited to:	06/91	e		0.05	1 2	[8]
74908	<u>Hydrogen cyanide (HCN) (Hydrocyanic acid)</u>		e		10	2 4	[8]
341972314	<u>Hydrogen cyanide (HCN) (Hydrocyanic acid) (alt. CAS No. 1, see CAS 74908)</u>	11/20	e		100	2 4	[8] [21]
191234227	<u>Hydrogen cyanide (HCN) (Hydrocyanic acid) (alt. CAS No. 2, see CAS 74908)</u>	11/20	e		100	2 4	[8] [21]
592018	<u>Calcium cyanide</u>	11/20	<u>ChemSet-2</u>		0.05	2 4	[8]
151508	<u>Potassium cyanide</u>	11/20	<u>ChemSet-2</u>		0.05	4	[8]
143339	<u>Sodium cyanide</u>	11/20	<u>ChemSet-2</u>		0.05	4	[8]
372098	<u>Cyanoacetic acid</u>	11/20	<u>ChemSet-2</u>		100		I
506774	<u>Cyanogen chloride</u>	11/20	<u>ChemSet-2</u>		0.1		I
1134232	<u>Cycloate</u>	11/20	<u>ChemSet-2</u>		5	4	[19]
121824	<u>Cyclonite</u>	11/20	<u>ChemSet-2</u>		100		I
1074	Cyclosiloxanes, including but not limited to:	11/20	<u>ChemSet-1</u>		100		I
541026	<u>Decamethylcyclopentasiloxane (D5) (Decamethyl-1,3,5,7,9,2,4,6,8,10-pentaoxapentasiloxane)</u>	11/20	<u>ChemSet-1</u>		100	6	I
540976	<u>Dodecamethylcyclohexasiloxane (D6)</u>	11/20	<u>ChemSet-1</u>		100		I
556672	<u>Octamethylcyclotetrasiloxane (D4)</u>	11/20	<u>ChemSet-1</u>		100		I
294622	<u>Cyclododecane</u>	11/20	<u>ChemSet-2</u>		100		I
110827	Cyclohexane	06/91	e		200	1	
1569693	<u>Cyclohexanethiol</u>	11/20	<u>ChemSet-2</u>		100		I
108930	Cyclohexanol	07/96	e		200		7
108941	<u>Cyclohexanone</u>	11/20	<u>ChemSet-2</u>		100		I
66819	Cycloheximide		e		2	4 6	
29965977	<u>Cyclooctadienes</u>	11/20	<u>ChemSet-2</u>		100		I
27208373	<u>Cyclopenta[cd]pyrene (PAH) (see PAH)</u>	11/20	(see cross-ref)	c	50	3 4	
50293	<u>DDT (1,1,1-Trichloro-2,2-bis(p-chlorophenyl)ethane) (Clofenotane) [POM]</u>		e	c	50	1 2 3 4 5	
17702419	<u>Decaborane</u>	11/20	<u>ChemSet-1</u>		20		I
	<u>Decabromodiphenyl oxide [POM] (see Polybrominated diphenyl ethers, see also Brominated Flame Retardants)</u>	06/91	e		1	1 2	
91178	<u>Decahydronaphthalene</u>	11/20	<u>ChemSet-2</u>		100		I
541026	<u>Decamethylcyclopentasiloxane (D5) (see Cyclosiloxanes: Decamethylcyclopentasiloxane)</u>	11/20	(see cross-ref)		100	6	I
1007289	<u>Des-isopropyl atrazine</u>	11/20	<u>ChemSet-2</u>		100	4	
431038	<u>Diacetyl</u>	11/20	<u>ChemSet-1</u>		100		6 [19]
1075	Dialkylnitrosamines including but not limited to:		e		0.001	1	
924163	N-Nitrosodi-n-butylamine		e	c	0.0001	1 3 4 5	
1116547	N-Nitrosodiethanolamine		e	c	100	1 3 4 5	
55185	N-Nitrosodiethylamine		e	c	0.001	1 3 4 5	
62759	N-Nitrosodimethylamine		e	c	0.01	1 2 3 4 5	
621647	N-Nitrosodi-n-propylamine		e	c	0.01	1 3 4 5	
10595956	N-Nitrosomethylethylamine		e	c	0.001	1 3 4	
7068839	<u>N-Nitrosomethyl-n-butylamine</u>	11/20	<u>ChemSet-1</u>	c	1	4	
75881220	<u>N-Nitrosomethyl-n-decylamine</u>	11/20	<u>ChemSet-1</u>	c	1	4	

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55090443	<u>N-Nitrosomethyl-n-dodecylamine</u>	11/20	<u>ChemSet-1</u>	c	1	4	
16338991	<u>N-Nitrosomethyl-n-heptylamine</u>	11/20	<u>ChemSet-1</u>	c	1	4	
28538707	<u>N-Nitrosomethyl-n-hexylamine</u>	11/20	<u>ChemSet-1</u>	c	1	4	
75881195	<u>N-Nitrosomethyl-n-nonylamine</u>	11/20	<u>ChemSet-1</u>	c	1	4	
34423546	<u>N-Nitrosomethyl-n-octylamine</u>	11/20	<u>ChemSet-1</u>	c	1	4	
13256070	<u>N-Nitrosomethyl-n-pentylamine</u>	11/20	<u>ChemSet-1</u>	c	1	4	
924469	<u>N-Nitrosomethyl-n-propylamine</u>	11/20	<u>ChemSet-1</u>	c	1	4	
75881208	<u>N-Nitrosomethyl-n-tetradecylamine</u>	11/20	<u>ChemSet-1</u>	c	1	4	
68107266	<u>N-Nitrosomethyl-n-undecylamine</u>	11/20	<u>ChemSet-1</u>	c	1	4	
615054	2,4-Diaminoanisole		e	c	5	3 4	
5307142	<u>1,4-Diamino-2-nitrobenzene</u>	11/20	<u>ChemSet-2</u>		5		Z
99569	<u>1,2-Diamino-4-nitrobenzene {4-Nitro-o-Phenylenediamine}</u>	11/20	<u>ChemSet-2</u>		5		Z
1078	Diaminotoluenes (mixed isomers) including but not limited to:	09/90	e	c	100	1 4	
95807	2,4-Diaminotoluene {2,4-Toluene diamine}		e	c	0.05	1 2 3 4 5	
95705	<u>2,5-Diaminotoluene {2,5-Toluene diamine}</u>	11/20	<u>ChemSet-2</u>		100		Z
333415	<u>Diazinon</u>	11/20	<u>ChemSet-2</u>	c	10	3	[19]
136356	<u>Diazoaminobenzene</u>	11/20	<u>ChemSet-2</u>	c	50	4 5	
334883	Diazomethane	06/91	e	c	5	1 2	
226368	Dibenz[a, h]acridine [POM]		e	c	0.5	1 2 3 4 5	
224420	Dibenz[a, j]acridine [POM]		e	c	0.5	1 2 3 4 5	
224533	<u>Dibenz[c, h]acridine [POM]</u>	11/20	<u>ChemSet-2</u>	c	50	3	
	- Dibenz[a, h]anthracene [PAH, POM], (see PAH)		e	c	0.1	1 2 3 4 5	
194592	7H-Dibenzo[c, g]carbazole		e	c	0.05	1 2 3 4 5	
	- Dibenzo[a, e]pyrene [PAH, POM], (see PAH)		e	c	0.05	1 2 4 5	
	- Dibenzo[a, h]pyrene [PAH, POM], (see PAH)		(see cross ref)	c	0.001	1 2 3 4 5	
	- Dibenzo[a, i]pyrene [PAH, POM], (see PAH)		(see cross ref)	c	0.001	1 2 3 4 5	
	- Dibenzo[a, l]pyrene [PAH, POM], (see PAH)		(see cross ref)	c	0.001	1 2 3 4 5	
132649	Dibenzofuran [POM]	06/91	e		100	1 2	
	- Dibenzofurans (chlorinated) (see Polychlorinated dibenzofurans) [POM]		e				
631641	<u>Dibromoacetic acid</u>	11/20	<u>ChemSet-1</u>	c	50	3 4	
3252435	<u>Dibromoacetonitrile</u>	11/20	<u>ChemSet-1</u>	c	50	3 4	
124481	<u>Dibromochloromethane {Chlorodibromomethane} {DBCMP}</u>	09/90	e		100		Z
96128	1,2-Dibromo-3-chloropropane {DBCP}		e	c	0.01	1 2 3 4 5	
615587	<u>2,4-Dibromophenol (see Brominated and Chlorinated Organic Compounds Used as Flame Retardants)</u>	11/20	(see cross-ref)		100		Z
96139	2,3-Dibromo-1-propanol	07/96	e	c	50	3 4	
2528361	<u>Dibutyl phenyl phosphate</u>	11/20	<u>ChemSet-2</u>		100		Z
107664	<u>Dibutyl phosphate</u>	11/20	<u>ChemSet-2</u>		100		Z
84742	Dibutyl phthalate {Di-n-butyl phthalate} {DBP} {DnBP} (see Phthalates, ortho-Phthalates)	06/91	e		100	1 2 4	
79436	<u>Dichloroacetic acid</u>	11/20	<u>ChemSet-2</u>	c	50	3 4	
7572294	<u>Dichloroacetylene</u>	11/20	<u>ChemSet-2</u>		100		Z
27134276	<u>Dichloroaniline (mixed isomers)</u>	11/20	<u>ChemSet-2</u>		100		Z
	- p-Dichlorobenzene (1,4-Dichlorobenzene) (see Chlorobenzenes)		e				

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91941	3,3'-Dichlorobenzidine [POM]		e	c	0.1	1 2 3 4 5	
612839	3,3'-Dichlorobenzidine dihydrochloride	11/20	ChemSet-2	c	50	4 5	
764410	1,4-Dichloro-2-butene	09/90	e	c	50	4	[19]
110576	trans-1,4-Dichlorobutene	11/20	ChemSet-2		100		Z
72559	Dichlorodiphenyldichloroethylene (DDE) [POM]	09/89	e	c	100	1 2 4	
75343	1,1-Dichloroethane (Ethylidene dichloride)	09/90	e	c	20	1 2 4	
156592	cis-1,2-Dichloroethene (cis-1,2-Dichloroethylene)	11/20	ChemSet-2		100		6
540590	1,2-Dichloroethene (1,2-Dichloroethylene) (DCE)	06/91	e		100		6 Z
156605	trans-1,2-Dichloroethene (trans-1,2-Dichloroethylene)	11/20	ChemSet-2		50		6
611063	2,4-Dichloro-1-nitrobenzene (see Chloronitrobenzenes)	11/20	(see cross-ref)	c	50	3 4	
94757 --	Dichlorophenoxyacetic acid, (2,4-D) and its salts and esters (2,4-D) including but not limited to:	06/91	e	c	100 50	1 2 3	[19]
94757	2,4-Dichlorophenoxyacetic acid (2,4-D)	11/20	ChemSet-2	c	50	1 2 3	[19]
2702729	2,4-Dichlorophenoxyacetic acid salt	11/20	ChemSet-2	c	50	1 2 3	[19]
5742198	2,4-Dichlorophenoxyacetic acid diethanolamine salt	11/20	ChemSet-2	c	50	1 2 3	Z [19]
2008391	2,4-Dichlorophenoxyacetic acid dimethylamine salt	11/20	ChemSet-2	c	50	1 2 3	Z [19]
5742176	2,4-Dichlorophenoxyacetic acid isopropylamine salt	11/20	ChemSet-2	c	50	1 2 3	Z [19]
32341803	2,4-Dichlorophenoxyacetic acid isopropanolamine salt	11/20	ChemSet-2	c	50	1 2 3	Z [19]
1929733	2,4-Dichlorophenoxyacetic acid butoxyethyl ester	11/20	ChemSet-2	c	50	1 2 3	Z [19]
94804	2,4-Dichlorophenoxyacetic acid butyl ester	11/20	ChemSet-2	c	50	1 2 3	Z [19]
1928434	2,4-Dichlorophenoxyacetic acid 2-ethylhexyl ester	11/20	ChemSet-2	c	50	1 2 3	Z [19]
94111	2,4-Dichlorophenoxyacetic acid isopropyl ester	11/20	ChemSet-2	c	50	1 2 3	Z [19]
25168267	2,4-Dichlorophenoxyacetic acid isoocetyl ester	11/20	ChemSet-2	c	50	1 2 3	Z [19]
1048373723	2,4-Dichlorophenoxyacetic acid choline salt	11/20	ChemSet-2	c	50	1 2 3	Z [19]
609201	2,6-Dichloro-p-phenylenediamine	11/20	ChemSet-2		50	1 2	Z [19]
78875	1,2-Dichloropropane (Propylene dichloride)	09/90	e	c	20	1 2 3 4	
542756	1,3-Dichloropropene		e	c	10	1 2 3 4 5	
96231	1,3-Dichloro-2-propanol	11/20	ChemSet-2	c	50	3 4	
62737	Dichlorevos (DDVP)	09/89	e	c	0.5	1 2 3 4	
51338273	Diclofop methyl	11/20	ChemSet-2	c	50	4	[19]
115322	Dicofol [POM]	06/91	e		100	1 2	
84617	Dicyclohexyl phthalate (DCHP) (see Phthalates, ortho-Phthalates)	11/20	(see cross-ref)		100		Z
102545	Dicyclopentaenyl iron (Ferrocene)	11/20	ChemSet-2		100		Z
--	Diesel engine exhaust	09/90	e	c		1 3 4	[9]
9901	Diesel engine exhaust, particulate matter (Diesel PM)	09/90	e	c	0.1	1 3 4	[9]
9902	Diesel engine exhaust, total organic gas	09/90	e	c	10	1 3 4	[9]
#	Diesel fuel (marine)	06/91	e	c			[11]
111422	Diethanolamine	06/91	e	c	20	1 2 3 4	
579668	2,6-Diethylaniline	11/20	ChemSet-2		100		Z
111400	Diethylenetriamine	11/20	ChemSet-2		100		6
117817	Di(2-ethylhexyl) phthalate (DEHP)		e	c	20	1 2 3 4 5	
84662	Diethyl phthalate (see Phthalates, ortho-Phthalates)	06/91	e		100		Z
64675	Diethyl sulfate		e	c	100	1 2 3 4 5	
2238075	Diglycidyl ether	11/20	ChemSet-2		20		Z

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84753	Di-n-hexyl phthalate (DnHP) (see Phthalates, ortho-Phthalates)	11/20	(see cross-ref)		100	4	
84695	Di-isobutyl phthalate (DIBP) (see Phthalates, ortho-Phthalates)	11/20	(see cross-ref)		100		Z
26761400	Di-isodecyl phthalate (see Phthalates, ortho-Phthalates)	11/20	(see cross-ref)		100	4 5	
68515491	Di-isodecyl phthalate, C9-11 branched esters, C10 rich (see Phthalates, ortho-Phthalates)	11/20	(see cross-ref)		100	4 5	
89167	Di-isodecyl phthalate mixture (Bis(8-methylnonyl) phthalate) (see Phthalates, ortho-Phthalates)	11/20	(see cross-ref)		100	4 5	
119394455	Di-isodecyl phthalate mixture (1,2-Benzenedicarboxylic acid, 4,4'-carbonylbis-, 1,1',2,2'-tetraisodecyl ester) (see Phthalates, ortho-Phthalates)	11/20	(see cross-ref)		100	4 5	
28553120	Di-isononyl phthalate (DINP) (see Phthalates, ortho-Phthalates)	11/20	(see cross-ref)	c	20	4	
68515480	Di-isononyl phthalate (DINP), C8-10 branched esters, C9 rich (see Phthalates, ortho-Phthalates)	11/20	(see cross-ref)	c	20	4	
2973106	Diisopropyl sulfate	11/20	ChemSet-2	c	50	3 4	
60515	Dimethoate	11/20	ChemSet-2		100		Z [19]
828002	Dimethoxane	11/20	ChemSet-2		100		Z [19]
119904	3,3'-Dimethoxybenzidine [POM]		e	c	100	1 2 3 4 5	
25962770	trans-2-[(Dimethylamino)methylimino]-5-[2-(5-nitro-2-furyl)-vinyl]-1,3,4-oxadiazole	11/20	ChemSet-2	c	50	3 4	
612828	3,3'-Dimethylbenzidine dihydrochloride (see Benzidine-based dyes)	11/20	(see cross-ref)	c	0.0001	4	
91930	3,3'-Dimethoxybenzidine-4,4'-diisocyanate (see Isocyanates-diisocyanates)	11/20	(see cross-ref)		0.5		Z
627930	Dimethyl Adipate	11/20	ChemSet-2		100		6
124403	Dimethylamine	11/20	ChemSet-2		100		Z
60117	4-Dimethylaminoazobenzene [POM]		e	c	0.01	1 2 3 4 5	
140567	p-Dimethylaminoazobenzene diazo sodium sulfonate	11/20	ChemSet-2		100		Z [19]
121697	N,N-Dimethylaniline	06/91	e		200	1 2	
75605	Dimethylarsinic acid (Cacodylic acid) (see Arsenic compounds (inorganic))	11/20	(see cross-ref)	c	50	3	[19]
57976	7,12-Dimethylbenz[a]anthracene [Methyl-PAH-Derivative, POM] (see PAH, Methyl-PAH)	09/90	(see cross-ref)	c	0.0001	1 2 4	
119937	3,3'-Dimethylbenzidine (o-Tolidine) [POM]		e	c	10	1 2 3 4 5	
79447	Dimethyl carbamoyl chloride		e	c	100	1 2 3 4 5	
616386	Dimethyl carbonate	11/20	ChemSet-2		100		Z
624920	Dimethyl disulfide	11/20	ChemSet-2		100		Z
68122	Dimethyl formamide	09/90	e	c	100	1 2 3	
1119400	Dimethyl glutarate (glutaric acid dimethyl ester)	11/20	ChemSet-2		100		6
57147	1,1-Dimethylhydrazine		e	c	0.1	1 2 3 4 5	
868859	Dimethyl hydrogen phosphite	11/20	ChemSet-2		100		Z
573988	1,2-Dimethylnaphthalene [Methyl-PAH, POM] (see PAH, Methyl-PAH)	11/20	(see cross-ref)		0.5		Z
575439	1,6-Dimethylnaphthalene [Methyl-PAH, POM] (see PAH, Methyl-PAH)	11/20	(see cross-ref)		0.5		Z
581420	2,6-Dimethylnaphthalene [Methyl-PAH, POM] (see PAH, Methyl-PAH)	11/20	(see cross-ref)		0.5		Z
1456286	2,6-Dimethyl-N-nitrosomorpholine	11/20	ChemSet-2	c	50	4	
483874	1,7-Dimethylphenanthrene [Methyl-PAH, POM] (see PAH, Methyl-PAH)	11/20	(see cross-ref)		0.5		Z
131113	Dimethyl phthalate (DMP) (see Phthalates, ortho-Phthalates)	06/91	e		50	1 2	
77781	Dimethyl sulfate		e	c	0.01	1 2 3 4 5	
120616	Dimethyl terephthalate (DMT)	11/20	ChemSet-2		100		Z
99978	Dimethyl-p-toluidine	11/20	ChemSet-2	c	50	3 4 6	
534521	4,6-Dinitro-o-cresol (and salts)	06/91	e		100	1 2	
105735715	3,7-Dinitrofluoranthene [PAH-Derivative/Related, POM]	11/20	ChemSet-2	c	0.5	3 4	
22506532	3,9-Dinitrofluoranthene [PAH-Derivative/Related, POM]	11/20	ChemSet-2	c	0.5	3 4	

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51285	2,4-Dinitrophenol	06/91	e		100	1 2	
75321209	1,3-Dinitropyrene [PAH-Derivative/Related, POM]	11/20	ChemSet-2	c	0.05	3 4	
42397648	1,6-Dinitropyrene [PAH-Derivative/Related, POM]	06/91	Chemset-1	c	0.001	1 2 3 4	
42397659	1,8-Dinitropyrene [PAH-Derivative/Related, POM]	06/91	Chemset-1	c	0.05	1 2 3 4	
101257	Dinitrosopentamethylenetetramine (see N,N'-Dinitrosopentamethylenetetramine)	11/20	(see cross-ref)		100		Z
25321146	Dinitrotoluenes (mixed isomers) including but not limited to:	06/91	e		100	4	7
121142	2,4-Dinitrotoluene	09/89	e	c	0.5	1 2 3 4	
1326416	2,4-Dinitrotoluene, sulfurized	11/20	ExistGrp	c	0.5	1 2 3 4	
606202	2,6-Dinitrotoluene	06/91	e	c	400 0.5	3 4	7
618859	3,5-Dinitrotoluene	11/20	ChemSet-2		100		Z
123911	1,4-Dioxane		e	c	5	1 2 3 4 5	
	- Dioxins (Chlorinated dibenzodioxins) (see Polychlorinated dibenzo-p-dioxins) [POM]		e				
646060	1,3-Dioxolane	11/20	ChemSet-2		100		Z
131180	Di-n-pentyl phthalate (see Phthalates, ortho-Phthalates)	11/20	(see cross-ref)		100		Z
122394	Diphenylamine	11/20	ChemSet-2		100		Z
630933	Diphenylhydantoin [POM]		e	c	100	1 2 4	
122667	1,2-Diphenylhydrazine (Hydrazobenzene) [POM]		e	c	100	1 2 4 5	
102089	Diphenyl thiourea	11/20	ChemSet-2		100		Z
136458	Di-n-propyl isocinchomeronate (MGK Repellent 326)	11/20	ChemSet-2	c	50	4	
85007	Diquat dibromide	11/20	ChemSet-2		100		Z [19]
2764729	Diquat dibromide mixture, usually as dibromide	11/20	ChemSet-2		100		Z [19]
138932	Disodium cyanodithioimidocarbonate	11/20	ChemSet-2		100	4	
97778	Disulfiram	11/20	ChemSet-2		100		Z
330541	Diuron	11/20	ChemSet-2	c	5	4	[19]
112550	1-Dodecanethiol	11/20	ChemSet-2		100		Z
115297	Endosulfan	11/20	ChemSet-2		10		Z [19]
72208	Endrin	11/20	ChemSet-2		50	4	[19]
1090	Environmental Tobacco Smoke		e	c	2	1 3 4	
106898	Epichlorohydrin		e	c	2	1 2 3 4 5	
67891752	Epoxidized olefins	11/20	ChemSet-2		100		6
106887	1,2-Epoxybutane	06/91	e		100	1 2 3	
1091	Epoxy resins (monomers or oligomers) including but not limited to:	09/89	e		100		6
1092	Epikote ®	11/20	ChemSet-1		100		6
68038324	Epikote 1055	11/20	ChemSet-1		100		Z
1093	Epon ®	11/20	ChemSet-1		100		6
25068386	Resin 828	11/20	ChemSet-1		100		Z
13194484	Ethoprop	11/20	ChemSet-2	c	1	4	[19]
141786	Ethyl acetate	11/20	ChemSet-2		100		6
140885	Ethyl acrylate		e	c	200	1 2 3 4 5	
103695	N-Ethylaniline	11/20	ChemSet-2		100		Z
578541	o-Ethylaniline	11/20	ChemSet-2		100		Z
100414	Ethyl benzene	06/91	e	c	200 20	1 2 3	
	- Ethyl carbamate (see Urethane)		e	c	0.1	1 2 3 4 5	

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75003	Ethyl chloride (Chloroethane)		e		200	1 2 4	
7085850	Ethyl cyanoacrylate	11/20	ChemSet-2		100	6	
	- Ethyl-4,4'-dichlorobenzilate (see Chlorobenzilate)		e				
759944	Ethyl dipropylthiocarbamate (EPTC)	11/20	ChemSet-2		50	4	[19]
74851	Ethylene	06/91	e		200		7
107153	Ethylenediamine	11/20	ChemSet-2		100		Z [19]
106934	Ethylene dibromide (EDB, 1,2-Dibromoethane)		e	c	0.5	1 3 4 5 6	
107062	Ethylene dichloride (EDC, 1,2-Dichloroethane)		e	c	2	1 2 3 4 5	
107211	Ethylene glycol	06/91	e		200	1 2	
628966	Ethylene glycol dinitrate	11/20	ChemSet-2		100		Z
151564	Ethyleneimine (Aziridine)	06/91	e	c	400 50	1 2 3 4	
75218	Ethylene oxide		e	c	0.5	1 2 3 4 5 6	
420122	Ethylene sulfide	11/20	ChemSet-2		100		Z
96457	Ethylene thiourea		e	c	2	1 2 3 4 5	
103117	2-Ethylhexyl acrylate	11/20	ChemSet-2	c	50	3	
75081	Ethyl mercaptan	11/20	ChemSet-2		100		Z
97632	Ethyl methacrylate	11/20	ChemSet-2		100	6	
56382	Ethyl parathion (see Parathion)	11/20	(see cross-ref)	c	50	1 2 3 4	[19]
637923	Ethyl-tert-butyl ether (ETBE)	11/20	ChemSet-2		100	4	
22224926	Fenamiphos	11/20	ChemSet-2		10		Z [19]
66441234	Fenoxaprop ethyl	11/20	ChemSet-2		100	4	[19]
72490018	Fenoxycarb	11/20	ChemSet-2	c	50	4	[19]
51630581	Fenvalerate	11/20	ChemSet-2		100		Z [19]
12604589	Ferrovandium, dust	11/20	ChemSet-2		100		Z
	- Flame retardants (see also Brominated and Chlorinated Organic Compounds Used as Flame Retardants)	11/20	(see cross-ref)		100		Z
69806504	Fluazifop butyl	11/20	ChemSet-2		100	4	[19]
131341861	Fludioxonil	11/20	ChemSet-2		100		Z [19]
486259	Fluorenone [PAH-Derivative/Related, POM]	11/20	ChemSet-2		50		Z
1101	Fluorides and compounds including but not limited to:	09/89	e		100	2	
7664393	Hydrogen fluoride		e		50	1 2	7
1141	Modified Hydrogen fluoride (MHF)	11/20	ExistGrp		50		Z
15096523	Sodium aluminum fluoride	11/20	ChemSet-2		100		Z
7681494	Sodium fluoride	11/20	ChemSet-2		100		Z
1103	Fluorocarbons (brominated)		e		200		6 [10]
1104	Fluorocarbons (chlorinated) including but not limited to:		e		200	1	6 [10]
76131	Chlorinated fluorocarbon (CFC-113) {1,1,2-Trichloro-1,2,2-trifluoroethane}		e		200	1 2	6
75456	Chlorodifluoromethane (Freon 22) {HCFC-22}	07/96	e		200	1	6 7
102687650	trans-1-Chloro-3,3,3-trifluoropropene (t-HCFO-1233zd) {HCFO-1233zd(E)}	11/20	ChemSet-1		100		Z
75718	Dichlorodifluoromethane (Freon 12) {CFC-12}	11/06	e		200		7
75434	Dichlorofluoromethane (Freon 21)	07/96	e		200	1	6 7
1645836	trans-1,3,3,3-Tetrafluoropropylene (HFO-1234ze) {Genetron-1234ze}	11/20	ChemSet-1		100		7
75694	Trichlorofluoromethane (Freon 11) {CFC-11}	07/96	e		200	1	6 7
406906	Fluoroxene	11/20	ChemSet-2		100		Z

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69409945	<u>Fluvalinate</u>	11/20	<u>ChemSet-2</u>		100	4	[19]
50000	Formaldehyde		e	c	5	1 2 3 4 5 6	
75127	<u>Formamide</u>	11/20	<u>ChemSet-2</u>		100		Z
64186	<u>Formic Acid</u>	11/20	<u>ChemSet-2</u>		100	6	Z
39148248	<u>Fosetyl-al</u>	11/20	<u>ChemSet-2</u>		100		Z [19]
110009	Furan	07/96	e	c	5	3 4	
98011	<u>Furfural</u>	11/20	<u>ChemSet-2</u>		100		Z
98000	<u>Furfuryl alcohol</u>	11/20	<u>ChemSet-2</u>	c	50	3 4	
	-- Fusarium, Fusarium moniliforme, and its derivatives	11/20	<u>ChemSet-2</u>	c	50	3 4	
116355830	<u>Fumonisin B1</u>	11/20	<u>ChemSet-2</u>	c	50	3 4	
116355841	<u>Fumonisin B2</u>	11/20	<u>ChemSet-2</u>	c	50	3 4	
79748815	<u>Fusarin C</u>	11/20	<u>ChemSet-2</u>	c	50	3 4	
1222055	<u>Galaxolide</u>	11/20	<u>ChemSet-2</u>		100		Z
1303000	<u>Gallium arsenide (see Arsenic compounds (inorganic))</u>	11/20	(see cross-ref)	c	0.01	3 4	[7]
	-- Gasoline engine exhaust including but not limited to:	09/89	e	c		3	[9]
	-- Gasoline engine exhaust (condensates & extracts)	06/91	e	c		3 4	[9]
9910	Gasoline engine exhaust, particulate matter	09/90	e	c	100	3 4	[9]
9911	Gasoline engine exhaust, total organic gas	09/90	e	c	100	3 4	[9]
1110	Gasoline vapors		e	c	200	1 2 3 4	[11]
548629	<u>Gentian Violet (Crystal Violet)</u>	11/20	<u>ChemSet-2</u>	c	50	4	
7782652	<u>Germanium tetrahydride</u>	11/20	<u>ChemSet-2</u>		100		Z
111308	Glutaraldehyde		e		0.1	1 6	
56826	<u>Glyceraldehyde (DL-Glyceraldehyde mixture)</u>	11/20	<u>ChemSet-2</u>		100		Z
453178	<u>Glyceraldehyde, D+ stereoisomer</u>	11/20	<u>ChemSet-2</u>		100		Z
497096	<u>Glyceraldehyde, L- stereoisomer</u>	11/20	<u>ChemSet-2</u>		100		Z
106912	<u>Glycidyl methacrylate</u>	11/20	<u>ChemSet-2</u>	c	50	3	
1115	Glycol ethers and their acetates, and related, including but not limited to:		e		100	1 2 6	
111466	Diethylene glycol	09/90	e		100	1 6	
112732	<u>Diethylene glycol dibutyl ether (DEGBE)</u>	11/20	<u>ChemSet-1</u>		100		Z
111966	Diethylene glycol dimethyl ether	09/90	e		100	1 2 6	
112345	Diethylene glycol monobutyl ether	09/90	e		100	1 2 6	
124174	<u>Diethylene glycol monobutyl ether acetate</u>	11/20	<u>ChemSet-1</u>		100		Z
111900	Diethylene glycol monoethyl ether	09/90	e		100	1 2 6	
112152	<u>Diethylene glycol monoethyl ether acetate</u>	11/20	<u>ChemSet-1</u>		100		Z
112594	<u>Diethylene glycol monohexyl ether</u>	11/20	<u>ChemSet-1</u>		100		Z
111773	Diethylene glycol monomethyl ether	09/90	e		100	1 2 6	
629389	<u>Diethylene glycol monomethyl ether acetate</u>	11/20	<u>ChemSet-1</u>		100		Z
25265718	Dipropylene glycol	09/90	e		100	1 6	
34590948	Dipropylene glycol monomethyl ether	09/90	e		100	1 6	
111557	<u>Ethylene glycol diacetate</u>	11/20	<u>ChemSet-1</u>		100		Z
112481	<u>Ethylene glycol dibutyl ether</u>	11/20	<u>ChemSet-1</u>		100		Z
629141	Ethylene glycol diethyl ether	09/90	e		100	1 2 6	
97905	<u>Ethylene glycol dimethacrylate (EGDMA)</u>	11/20	<u>ChemSet-1</u>		100	6	Z

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110714	Ethylene glycol dimethyl ether	09/90	e		100	1 2 6	
542596	<u>Ethylene glycol monoacetate</u>	11/20	<u>ChemSet-1</u>		100		I
111762	Ethylene glycol monobutyl ether	09/90	e		200	1 2 6	
112072	<u>Ethylene glycol monobutyl ether acetate</u>	11/20	<u>ChemSet-1</u>		100		I
110805	Ethylene glycol monoethyl ether	09/89	e		50	1 2 4 6	
111159	Ethylene glycol monoethyl ether acetate	09/90	e		100	1 2 4 6	
112254	<u>Ethylene glycol monohexyl ether</u>	11/20	<u>ChemSet-1</u>		100		I
109864	Ethylene glycol monomethyl ether	09/89	e		10	1 2 4 6	
110496	Ethylene glycol monomethyl ether acetate	09/90	e		200	1 2 4 6	
10020436	<u>Ethylene glycol monoethyl ether</u>	11/20	<u>ChemSet-1</u>		100		I
122996	<u>Ethylene glycol monophenyl ether</u>	11/20	<u>ChemSet-1</u>		100		I
2807309	Ethylene glycol monopropyl ether	09/90	e		100	1 2 6	
57018527	<u>Propylene glycol t-butyl ether</u>	11/20	<u>ChemSet-2</u>	c	50	3 6	
107982	Propylene glycol monomethyl ether	09/90	e		200	1 6	
108656	Propylene glycol monomethyl ether acetate	09/90	e		100	1 6	
112492	Triethylene glycol dimethyl ether	09/90	e		100	1 2 6	
112505	<u>Triethylene glycol monoethyl ether</u>	11/20	<u>ChemSet-1</u>		100		I
112356	<u>Triethylene glycol monomethyl ether</u>	11/20	<u>ChemSet-1</u>		100		I
107164	<u>Glycolonitrile</u>	11/20	<u>ChemSet-2</u>		100		I
107222	<u>Glyoxal</u>	11/20	<u>ChemSet-2</u>		50		I
1071836	<u>Glyphosate</u>	11/20	<u>ChemSet-2</u>	c	1	3 4	[19]
7440586	<u>Hafnium and compounds</u>	11/20	<u>ChemSet-2</u>		20		I [7]
76448	Heptachlor	09/89	e	c	100	1 2 3 4	
142825	<u>Heptane</u>	11/20	<u>ChemSet-2</u>		100		6
96048	<u>2,3-Heptanedione</u>	11/20	<u>ChemSet-2</u>		100		I
1639094	<u>1-Heptanethiol</u>	11/20	<u>ChemSet-2</u>		100		I
118741	Hexachlorobenzene		e	c	0.1	1 2 3 4 5	
59080409	<u>2,2',4,4',5,5'-Hexabromobiphenyl (see Brominated and Chlorinated Organic Compounds Used as Flame Retardants)</u>	11/20	(see cross-ref)		10		5
67774327	<u>Hexabromobiphenyl mixture including Firemaster FF-1 (see Brominated and Chlorinated Organic Compounds Used as Flame Retardants)</u>	11/20	(see cross-ref)		10		5
36355018	<u>Hexabromobiphenyls (see Brominated and Chlorinated Organic Compounds Used as Flame Retardants)</u>	11/20	(see cross-ref)		10		5
25637994	<u>Hexabromocyclododecane (HBCD) (see also Brominated and Chlorinated Organic Compounds used as Flame Retardants)</u>	11/20	(see cross-ref)		100		I
87683	Hexachlorobutadiene	06/91	e	c	0.1	1 2 4	
608731	Hexachlorocyclohexanes (mixed or technical grade) including but not limited to:		e	c	0.05	1 3 4 5	
319846	alpha-Hexachlorocyclohexane	07/96	e	c	0.1	1 3 4 5 7	
319857	beta-Hexachlorocyclohexane	07/96	e	c	0.1	1 3 4 5 7	
58899	Lindane (gamma-Hexachlorocyclohexane)	09/90	e	c	0.1	1 2 3 4	
77474	Hexachlorocyclopentadiene		e		2	1 2	
67721	Hexachloroethane	09/90	e	c	200	1 2 3 4	
70304	<u>Hexachlorophene</u>	11/20	<u>ChemSet-2</u>		100		I
142836	<u>2,4-Hexadienal</u>	11/20	<u>ChemSet-2</u>	c	50	3	

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684162	<u>Hexafluoroacetone</u>	11/20	<u>ChemSet-2</u>		100	4	
116154	<u>Hexafluoropropylene</u>	11/20	<u>ChemSet-2</u>		100		Z
85427	<u>Hexahydrophthalic anhydride, all isomers</u>	11/20	<u>ChemSet-2</u>		0.001		Z
13149003	<u>Hexahydrophthalic anhydride, all isomers (alt. CAS, see CAS 85427)</u>	11/20	(see cross-ref)		0.001		Z
14166213	<u>Hexahydrophthalic anhydride, all isomers (alt. CAS, see CAS 85427)</u>	11/20	(see cross-ref)		0.001		Z
100970	<u>Hexamethylenetetramine</u>	11/20	<u>ChemSet-2</u>		100		Z
680319	Hexamethylphosphoramide		e	c	100	1 2 3 4 5	
110543	Hexane (<u>n-Hexane</u>)	06/91	e		200	1 2 4	
3848246	<u>2,3-Hexanedione</u>	11/20	<u>ChemSet-2</u>		100		Z
110134	<u>2,5-Hexanedione</u>	11/20	<u>ChemSet-2</u>		100	4	
111319	<u>n-Hexanethiol</u>	11/20	<u>ChemSet-2</u>		100		Z
302012	Hydrazine		e	c	0.01	1 2 3 4 5	
7647010	Hydrochloric acid		e		20	1 2	
58935	<u>Hydrochlorothiazide</u>	11/20	<u>ChemSet-2</u>	c	50	3	
	- Hydrocyanic acid (see Cyanide compounds)		e				
61788327	<u>Hydrogenated terphenyls, nonirradiated</u>	11/20	<u>ChemSet-2</u>		100		Z
420042	<u>Hydrogen cyanamide (Cyanamide)</u>	11/20	<u>ChemSet-2</u>		100		Z [19]
7722841	<u>Hydrogen peroxide (excluding 5% or less solutions)</u>	11/20	<u>ChemSet-2</u>		100		Z
7783064	Hydrogen sulfide		e		5	1 2	
123319	Hydroquinone	06/91	e		100	1 2	
1689823	<u>4-Hydroxyazobenzene</u>	11/20	<u>ChemSet-2</u>		100		Z
35554440	<u>Imazali</u>	11/20	<u>ChemSet-2</u>	c	50	4	[19]
	- Indeno[1,2,3-cd]pyrene [PAH, POM], (see PAH)		e	c	0.5	1 2 3 4 5	
7440746	<u>Indium and compounds including but not limited to:</u>	11/20	<u>ChemSet-1</u>		50		Z [7]
22398807	<u>Indium phosphide</u>	11/20	<u>ChemSet-1</u>	c	50	3 4	[7]
50926119	<u>Indium tin oxide</u>	11/20	<u>ChemSet-1</u>	c	50	3	[7]
7553562	<u>Iodine</u>	11/20	<u>ChemSet-2</u>		100		Z
75478	<u>Iodoform</u>	11/20	<u>ChemSet-2</u>		100		Z
36734197	<u>Iprodione</u>	11/20	<u>ChemSet-2</u>	c	5	4	[19]
1309371	<u>Iron oxide</u>	11/20	<u>ChemSet-2</u>		100		Z
13463406	Iron pentacarbonyl	07/96	e		5		7
106638	<u>Isobutyl acrylate</u>	11/20	<u>ChemSet-2</u>		100		Z
78831	<u>Isobutyl alcohol</u>	11/20	<u>ChemSet-2</u>		100		Z
97869	<u>Isobutyl Methacrylate</u>	11/20	<u>ChemSet-2</u>		100		6
542563	<u>Isobutyl nitrite</u>	11/20	<u>ChemSet-2</u>	c	50	3 4	
115117	<u>Isobutylene</u>	11/20	<u>ChemSet-2</u>		100		Z
78820	<u>Isobutyronitrile</u>	11/20	<u>ChemSet-2</u>		100		Z
1125	Isocyanates including but not limited to:		e		0.05		6
1218	<u>Amino Isocyanates including but not limited to:</u>	11/20	<u>ChemSet-1</u>		0.05		6 Z
1223	<u>1,6-Hexamethylene amino isocyanate (1,6-HAI)</u>	11/20	<u>ChemSet-1</u>		0.05		Z
1224	<u>4,4-Methylenebisphenyl amino isocyanate</u>	11/20	<u>ChemSet-1</u>		0.1		Z
99626876	<u>2,4-Toluene amino isocyanate {3-Isocyanato-4-methylbenzenamine} {2,4-TAI}</u>	11/20	<u>ChemSet-1</u>		0.1		6 Z
22683712	<u>2,6-Toluene amino isocyanate {3-Isocyanato-2-methylbenzenamine} {2,6-TAI}</u>	11/20	<u>ChemSet-1</u>		0.1		6 Z

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99626887	4,2-Toluene amino isocyanate {5-Isocyanato-2-methylbenzenamine} {4-TIA} {4,2-TAI}	11/20	ChemSet-1		0.1	6	Z
1219	Diisocyanates including but not limited to:	11/20	ChemSet-1		0.05		
91930	3,3'-Dimethoxybenzidine-4,4'-diisocyanate	11/20	ChemSet-1		0.5		Z
822060	1,6-Hexamethylene diisocyanate {HDI}	06/91	e		0.05	1 2	6
4098719	Isophorone diisocyanate {IPDI}	11/20	ChemSet-1		0.5		6 Z
1225	Isophorone diisocyanate isomers	11/20	ChemSet-1		0.5		6 Z
101688	Methylene diphenyl diisocyanate {MDI} [POM]	06/91	e		0.1	1 2	6
3173726	1,5-Naphthalene diisocyanate	11/20	ChemSet-1		0.5		Z
1220	Mono isocyanates including but not limited to:	11/20	ChemSet-1		1		
109900	Ethyl isocyanate	11/20	ChemSet-1		1		6 Z
624839	Methyl isocyanate {MIC}		e		1	1 2 4	
110781	Propyl isocyanate	11/20	ChemSet-1		1		6 Z
103719	Phenyl isocyanate	11/20	ChemSet-1		1		6 Z
1221	Polymeric (Oligo) HDI including but not limited to:	11/20	ChemSet-1		0.5		
108190	Biuret	11/20	ChemSet-1		0.5		6 Z
1226	Diisocyanurate	11/20	ChemSet-1		0.5		6 Z
1227	HDI Prepolymer	11/20	ChemSet-1		0.5		6 Z
1228	Isocyanurate	11/20	ChemSet-1		0.5		6 Z
23501817	Uretidione (HDI) {Uretidone}	11/20	ChemSet-1		0.5		6 Z
26471625	Toluene diisocyanates including but not limited to:	06/91	e	c	0.1	1 2 3 4 5	
-	Toluene-2,4-diisocyanate (see Toluene diisocyanates)		e				
-	Toluene-2,6-diisocyanate (see Toluene diisocyanates)		e				
78591	Isophorone	06/91	e		200	1 2	
78795	Isoprene, except from vegetative emission sources	07/96	e	c	200	3 4	
67630	Isopropyl alcohol	06/91	e		200	1	
80057	4,4'-Isopropylidenediphenol [POM] {BPA} (see Bisphenol A)	06/91	e		100	1 2	6
4016142	Isopropyl glycidyl ether	11/20	ChemSet-2		100		6
463514	Ketene	11/20	ChemSet-2		100		Z
143390890	Kresoxim-methyl	11/20	ChemSet-2	c	50	4	[19]
7439910	Lanthanum and compounds	11/20	ChemSet-1		100		Z [7]
105748	Lauroyl peroxide	11/20	ChemSet-2		100		Z
7439921	Lead		e	c	0.5	1 3 4 6	
1128	Lead compounds (inorganic) including but not limited to:		e	c	0.5	1 3 4	[7]
301042	Lead acetate		e	c	1	1 2 4 5	[7] [12]
-	Lead chromate (see Chromium, hexalent)		e			4	
7446277	Lead phosphate		e	c	2	1 4 5	[7]
1335326	Lead subacetate	09/90	e	c	2	1 2 4	[7] [12]
1129	Lead compounds (other than inorganic)	06/91	e		5	1 2 4	[7]
78002	Tetraethyllead	11/20	ExistGrp		50	4	Z [7]
75741	Tetramethyllead	11/20	ExistGrp		50	4	Z [7]
1222	Leather dust	11/20	ChemSet-1	c	50	3 4	
330552	Linuron	11/20	ChemSet-2		5	4	[19]
1309484	Magnesium oxide	11/20	ChemSet-2		100		Z [19]

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121755	Malathion	11/20	ChemSet-2	c	10	3 4	[19]
108316	Maleic anhydride		e		0.5	1 2	
542789	Malonaldehyde	11/20	ChemSet-2		100		Z
109773	Malononitrile	11/20	ChemSet-2		100		Z
7439965	Manganese		e		0.1	1 2	
	* Manganese compounds including but not limited to:	09/89	e		0.1	1 2	[7]
12079651	Manganese cyclopentadienyl tricarbonyl	11/20	ChemSet-2		50		Z [7]
12108133	2-Methylcyclopentadienyl manganese tricarbonyl	11/20	ChemSet-2		100		Z [7]
108781	Melamine	11/20	ChemSet-2	c	50	3	Z
77094112	MelQ (see 2-Amino-3,4-dimethylimidazo[4,5-f]quinoline)	11/20	(see cross-ref)	c	50	3 4	
77500040	MelQx (see 2-Amino-3,8-dimethylimidazo[4,5-f]quinoxaline)	11/20	(see cross-ref)	c	50	3 4	
149304	2-Mercaptobenzothiazole	11/20	ChemSet-2	c	50	3 4	
7439976	Mercury		e		1	1 2 4 6	
	* Mercury compounds including but not limited to:	09/89	e		1	1 2 4	[7]
7487947	Mercuric chloride		e		1	2 4	[7]
593748	Methyl mercury (Dimethylmercury)		e		1	2 4	[7]
137417	Metam potassium	11/20	ChemSet-2	c	50	4	[19]
137428	Metam sodium	11/20	ChemSet-2	c	5	4	[19]
79414	Methacrylic acid	11/20	ChemSet-2		100	6	Z
10265926	Methamidophos	11/20	ChemSet-2		100		Z [19]
67561	Methanol		e		200	1 2 4	
950378	Methidathion	11/20	ChemSet-2		1		Z [19]
16752775	Methomyl	11/20	ChemSet-2		5		Z [19]
72435	Methoxychlor [POM]	06/91	e		100	1 2	
111966	2-Methoxyethyl ether (see Glycol ethers: Diethylene glycol dimethyl ether)	11/20	(see cross-ref)		100	1 2	6
150765	4-Methoxyphenol (1-Hydroxy-4-methoxybenzene) (Hydroquinone monomethyl ether)	11/20	ChemSet-2		100		6
96333	Methyl acrylate	06/91	e	c	50	3	Z
126987	Methylacrylonitrile	11/20	ChemSet-2		100		Z
74895	Methylamine	11/20	ChemSet-2		100		Z
26914181	Methylanthracene [Methyl-PAH, POM] (see PAH, Methyl-PAH)	11/20	(see cross-ref)		0.5		Z
613127	2-Methylanthracene [Methyl-PAH, POM] (see PAH, Methyl-PAH)	11/20	(see cross-ref)		0.5		Z
779022	9-Methylanthracene [Methyl-PAH, POM] (see PAH, Methyl-PAH)	11/20	(see cross-ref)		0.5		Z
124583	Methylarsonic acid (see Arsenic compounds (other than inorganic): Methylarsonic acid)	11/20	(see cross-ref)	c	0.1	3	
75558	2-Methylaziridine (1,2-Propyleneimine)		e	c	100	1 2 3 4	
2422799	12-Methylbenz(a)anthracene [Methyl-PAH, POM] (see PAH, Methyl-PAH)	11/20	(see cross-ref)		0.5		Z
65357699	Methylbenzopyrene [Methyl-PAH, POM] (see PAH, Methyl-PAH)	11/20	(see cross-ref)		0.5		Z
74839	Methyl bromide (Bromomethane)		e		20	1 2 4 6	
1634044	Methyl tert-butyl ether (MTBE)	06/91	e	c	200	1 2	
591786	Methyl-n-butyl ketone	11/20	ChemSet-2		100	4	
598550	Methyl carbamate	11/20	ChemSet-2	c	50	4	[19]
74873	Methyl chloride (Chloromethane)	06/91	e		20	1 2 4	
71556	Methyl chloroform (1,1,1-Trichloroethane)		e		200	1 2	6

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Emittent ID [Note 1]	Substance Name [Note 2]	Add Date [Note 3]	Effective Phase [Note 23]	Carcinogen [Note 4]	Applicable Degree of Accuracy (lb/yr) [Note 5]	Source List(s) [Note 6]	Other Note(s)
56495	3-Methylcholanthrene [Methyl-PAH-Derivative, POM] (see PAH, Methyl PAH)	09/90	(see cross ref)	c	0.001	1 2 4	
41637905	Methylchrysene [Methyl-PAH, POM] (see PAH, Methyl-PAH)	11/20	(see cross-ref)		5		Z
3351313	3-Methylchrysene [Methyl-PAH, POM] (see PAH, Methyl-PAH)	11/20	(see cross-ref)		5		Z
3697243	5-Methylchrysene [Methyl-PAH-Derivative, POM] (see PAH, Methyl PAH)		(see cross ref)	c	0.05	1 2 3 4 5	
1705857	6-Methylchrysene [Methyl-PAH, POM] (see PAH, Methyl-PAH)	11/20	(see cross-ref)		5		Z
137053	Methyl cyanoacrylate	11/20	ChemSet-2		100		Z
8022002	Methyl demeton	11/20	ChemSet-2		20		Z
99809	N-Methyl-N,4-dinitrosoaniline	11/20	ChemSet-2		100		Z
101144	4,4'-Methylene bis(2-chloroaniline) (MOCA) [POM]		e	c	0.1	1 2 3 4 5	
5124301	Methylene bis(4-cyclohexylisocyanate)	11/20	ChemSet-2		100		Z
101688	4,4'-Methylene bisphenyl diisocyanate (4,4'-diphenylmethane diisocyanate) (4,4'-MDI) (see Isocyanates, Diisocyanates; Methylene diphenyl diisocyanate)	11/20	e		0.1	1 2 6	
75092	Methylene chloride (Dichloromethane)		e	c	50	1 2 3 4 5 6	
101779	4,4'-Methylenedianiline (and its dichloride)-[POM] (MDA)		e	c	0.1	1 2 3 4 5	
13552448	4,4'-Methylenedianiline dihydrochloride	11/20	ExistGrp	c	0.1	4 5	
78933	Methyl ethyl ketone (2-Butanone)	06/91	e		200	1 2	
1338234	Methyl ethyl ketone peroxide	11/20	ChemSet-2		0.5		Z
25889605	1-Methylfluoranthene [Methyl-PAH, POM] (see PAH, Methyl-PAH)	11/20	(see cross-ref)		0.5		Z
1706010	3-Methylfluoranthene [Methyl-PAH, POM] (see PAH, Methyl-PAH)	11/20	(see cross-ref)		0.5		Z
421205	Methyl fluorosulfonate	11/20	ChemSet-2		100		Z
1134	Methylhydrazine and its salts	11/20	ExistGrp	c	50	4	
60344	Methyl hydrazine-Methylhydrazine	06/91	e	c	100 50	1 2 4	
302158	Methylhydrazine sulfate	11/20	ExistGrp	c	50	4	
5118343	Methylhydrazine sulfate (alt. CAS 5118343, see 302158)	11/20	ExistGrp	c	50	4	
693981	2-Methylimidazole	11/20	ChemSet-1	c	0.5	3 4	
822366	4-Methylimidazole	11/20	ChemSet-1	c	0.5	3 4	
74884	Methyl iodide (Iodomethane)		e	c	100	1 2 4 5	[19]
108101	Methyl isobutyl ketone (Hexone) (MIBK)	06/91	e	c	20	1 2 3 4	
563804	Methyl isopropyl ketone	11/20	ChemSet-2		100		Z
75865	2-Methylacetonitrile (Acetone cyanohydrin)	07/96	e		50		7
80626	Methyl methacrylate		e		200	1 2 6	
1321944	Methylnaphthalene (mixed) [PAH-Derivative/Related, POM]	11/20	ChemSet-2		100		Z [19]
90120	1-Methylnaphthalene [Methyl-PAH, POM] (see PAH, Methyl-PAH)	11/20	(see cross-ref)		0.5		Z [19]
91576	2-Methylnaphthalene [Methyl-PAH, POM] (see PAH, Methyl-PAH)		e	c	0.5	1	
298000	Methyl parathion	11/20	ChemSet-2		10		Z [19]
832699	1-Methylphenanthrene [Methyl-PAH, POM] (see PAH, Methyl-PAH)	11/20	(see cross-ref)		0.5		Z
2531842	2-Methylphenanthrene [Methyl-PAH, POM] (see PAH, Methyl-PAH)	11/20	(see cross-ref)		0.5		Z
832713	3-Methylphenanthrene [Methyl-PAH, POM] (see PAH, Methyl-PAH)	11/20	(see cross-ref)		0.5		Z
883205	9-Methylphenanthrene [Methyl-PAH, POM] (see PAH, Methyl-PAH)	11/20	(see cross-ref)		0.5		Z
98851	Methyl phenyl carbinol	11/20	ChemSet-2		100		Z
2381217	1-Methylpyrene [Methyl-PAH, POM] (see PAH, Methyl-PAH)	11/20	(see cross-ref)		0.5		Z
3353126	4-Methylpyrene [Methyl-PAH, POM] (see PAH, Methyl-PAH)	11/20	(see cross-ref)		0.5		Z
109068	2-Methylpyridine	07/96	e		100		7
872504	N-methyl-2-pyrrolidone (N-Methylpyrrolidone) (NMP)	11/20	ChemSet-1		50	4 6	

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98839	<u>alpha-Methylstyrene (see Styrene: Methylstyrene)</u>	11/20	(see cross-ref)	c	10	3 4	
333277	<u>Methyl triflate</u>	11/20	ChemSet-2		100		Z
12001262	<u>Mica</u>	11/20	ChemSet-2		100		Z
90948	Michler's ketone [POM]		e	c	0.1	1 2 3 4 5	
1136	Mineral fibers (fine mineral fibers which are man-made, and are airborne particles of a respirable size greater than 5 microns in length, less than or equal to 3.5 microns in diameter, with a length to diameter ratio of 3:1) including but not limited to:	06/91	e	c	100	1 2	7
1056	Ceramic fibers	09/89	e	c	100	1 2 3 4	
1111	Glasswool fibers	09/89	e	c	100	1 2 3 4	
1168	Rockwool	09/89	e	c	100	1 2 3	
1181	Slagwool	09/89	e	c	100	1 2 3	
1135	Mineral fibers (other than man-made) including but not limited to:		e		100	2	7
1332214	Asbestos		e	c	0.0001	1 2 3 4 5	
77536664	<u>Actinolite</u>	11/20	ChemSet-1	c	100	1 3	
12172735	<u>Amosite</u>	11/20	ChemSet-1	c	100	1 3	
77536675	<u>Anthophyllite</u>	11/20	ChemSet-1	c	100	1 3	
12001295	<u>Chrysotile</u>	11/20	ChemSet-1	c	100	1 3	
12001284	<u>Crocidolite</u>	11/20	ChemSet-1	c	100	1 3	
77536686	<u>Tremolite</u>	11/20	ChemSet-1	c	100	1 3	
12510428	Erionite		Chemset-1	c	100	2 3 4	[21]
66733219	<u>Erionite (alt. CAS, see CAS 12510428)</u>	11/20	Chemset-1	c	50	2 3 4	[21]
1106	<u>Fluoro-edenite fibrous amphibole</u>	11/20	ChemSet-1	c	100	3	
1190	Talc containing asbestiform fibers		e	c	100	2 3 4	
1313275	Molybdenum trioxide	06/91	e	c	400 50	1 3	
96242	<u>3-Monochloro-1,2-propanediol</u>	11/20	ChemSet-1	c	1	3 4	
100618	<u>Monomethyl aniline (N-Methylaniline)</u>	11/20	ChemSet-2		100		Z
124583	<u>Monomethylarsonic acid (see Arsenic compounds (other than inorganic): Methylarsonic acid)</u>	11/20	(see cross-ref)	c	0.1	3	
110918	<u>Morpholine</u>	11/20	ChemSet-2		100		Z
3795888	<u>5-(Morpholinomethyl)-3-[(5-nitrofurfurylidene)-amino]-2-oxazolidinone</u>	11/20	ChemSet-2	c	0.5	3 4	
88671890	<u>Myclobutanil</u>	11/20	ChemSet-2		100	4	[19]
123353	<u>beta-Myrcene</u>	11/20	ChemSet-2	c	50	3 4	
142596	<u>Nabam</u>	11/20	ChemSet-2		100	4	[19]
25134218	<u>Nadic methyl anhydride</u>	11/20	ChemSet-2		100		6
8030306	<u>Naphtha (coal tar)</u>	11/20	ChemSet-2		100		Z
66773	<u>1-Naphthaldehyde [PAH-Derivative/Related, POM]</u>	11/20	ChemSet-2		100		Z
	- Naphthalene [PAH, POM], (see PAH)		e	c	0.1	1 2 3 4	
2243621	<u>1,5-Naphthalenediamine [PAH-Derivative/Related, POM]</u>	11/20	ChemSet-2		100		Z
3173726	<u>1,5-Naphthalene diisocyanate (see Isocyanates: diisocyanates)</u>	11/20	(see cross-ref)		0.5		Z
85472	<u>alpha-Naphthalene sulfonic acid</u>	11/20	ChemSet-2		100		Z
120183	<u>beta-Naphthalene sulfonic acid</u>	11/20	ChemSet-2		100		Z
135193	<u>beta-Naphthol</u>	11/20	ChemSet-2		100		Z
86884	<u>1-Naphthylthiourea (ANTU) {1-(1-Naphthyl)-2-thiourea}</u>	11/20	ChemSet-2		100		Z [19]
60391926	<u>N-Carboxymethyl-N-nitrosourea</u>	11/20	ChemSet-2	c	50	4	
7440020	Nickel		e	c	0.1	1 2 3 4 5	

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	* Nickel compounds including but not limited to:						
373024	Nickel acetate	06/91	e	c	1	1 2 3 4 5	[7]
3333673	Nickel carbonate	06/91	e	c	0.1	1 2 4 5	[7]
13463393	Nickel carbonyl		e	c	0.1	1 2 4 5	[7]
7718549	Nickel chloride	11/20	ExistGrp	c	100	1 2 4 5	[7]
12054487	Nickel hydroxide	06/91	e	c	0.1	1 2 4 5	[7]
13138459	Nickel nitrate (Nickel (II) nitrate)	11/20	ExistGrp	c	100	1 2 4 5	[7]
1271289	Nickelocene	06/91	e	c	0.1	1 2 4 5	[7]
1313991	Nickel oxide	06/91	e	c	0.1	1 2 4 5	[7]
12035722	Nickel subsulfide		e	c	0.1	1 2 4 5	[7]
7786814	Nickel sulfate	11/20	ExistGrp	c	100	1 2 4 5	[7]
1146	Nickel refinery dust from the pyrometallurgical process	09/89	e	c	0.1	4	
1929824	Nitrapyrin	11/20	ChemSet-2	c	50	4	[19]
7697372	Nitric acid	06/91	e		50	1	
139139	Nitrioltriacetic acid		e	c	100	1 3 4 5	
602879	5-Nitroacenaphthene [PAH-Derivative/Related, POM]	11/06	ChemSet-1	c	2	1 2 3 4	
99092	mono-Nitroaniline	11/20	ChemSet-2		100		Z
88744	o-Nitroaniline	11/20	ChemSet-2		100		Z
100016	p-Nitroaniline	11/20	ChemSet-2		100		Z
91236	o-Nitroanisole {2-Nitroanisole}	11/20	ChemSet-2	c	50	3	
100174	p-Nitroanisole	11/20	ChemSet-1	c	50	3 4	Z
3586694	2-Nitroanthracene [PAH-Derivative/Related, POM]	11/20	ChemSet-2		0.5		Z
20268513	7-Nitrobenz[a]anthracene [PAH-Derivative/Related, POM]	11/20	ChemSet-2		0.5		Z
17117349	3-Nitrobenzanthrone [PAH-Derivative/Related, POM]	11/20	ChemSet-2	c	0.0001	3	
98953	Nitrobenzene		e	c	0.5	1 2 3 4	
63041907	6-Nitrobenzo[a]pyrene [PAH-Derivative/Related, POM]	11/20	ChemSet-2		0.5		Z
92933	4-Nitrobiphenyl [POM]	09/89	e	c	100	1 2 4	
121733	3-Nitrochlorobenzene (see Chloronitrobenzenes: m-Chloronitrobenzene)	11/20	(see cross-ref)		50		Z
100005	4-Nitrochlorobenzene (see Chloronitrobenzenes: 1-Chloro-4-nitrobenzene)	11/20	(see cross-ref)	c	50	3 4	
7496028	6-Nitrochrysene [PAH-Derivative/Related, POM]	06/91	Chemset-1	c	0.001	1 2 3 4	
892217	3-Nitrofluoranthene [PAH-Derivative/Related, POM]	11/20	ChemSet-2		0.5		Z
607578	2-Nitrofluorene [PAH-Derivative/Related, POM]	06/91	Chemset-1	c	5	1 2 3 4	
302705 126852	Nitrogen mustard N-oxide		ChemSet-2	c	0.05	3 4	
302705	Nitrogen mustard N-oxide Hydrochloride	11/20	e	c	0.05	4	
75525	Nitromethane	11/20	ChemSet-2	c	50	3 4 5	
86577	1-Nitronaphthalene {Nitrol} [PAH-Derivative/Related, POM]	11/20	ChemSet-2		0.5		Z
581895	2-Nitronaphthalene [PAH-Derivative/Related, POM]	11/20	ChemSet-2		0.5		Z
20589633	3-Nitroperylene [PAH-Derivative/Related, POM]	11/20	ChemSet-2		0.5		Z
17024190	3-Nitrophenanthrene [PAH-Derivative/Related, POM]	11/20	ChemSet-2		0.5		Z
954461	9-Nitrophenanthrene [PAH-Derivative/Related, POM]	11/20	ChemSet-2		0.5		Z
100027	4-Nitrophenol	06/91	e		100	1 2	
99569	4-Nitro-o-Phenylenediamine (see 1,2-Diamino-4-nitrobenzene)	11/20	(see cross-ref)		5		Z
79469	2-Nitropropane		e	c	0.01	1 2 3 4 5	

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5522430	1-Nitropyrene [PAH-Derivative/Related, POM]	06/91	ChemSet-1	c	0.5	1 2 3 4	
789071	2-Nitropyrene [PAH-Derivative/Related, POM]	11/20	ChemSet-2		0.5		Z
57835924	4-Nitropyrene [PAH-Derivative/Related, POM]	11/06	ChemSet-1	c	1	1 2 3 4	
105555	<u>N,N'-Diethylthiourea</u>	11/20	ChemSet-2		100		Z
127195	<u>N,N-Dimethylacetamide</u>	11/20	ChemSet-2	c	50	3 4	
101257	<u>N,N'-Dinitrosopentamethylenetetramine</u> {Dinitrosopentamethylenetetramine}	11/20	ChemSet-2		100		Z
86306	N-Nitrosodiphenylamine [POM]	11/06	e	c	10	1 2 3 4	
156105	p-Nitrosodiphenylamine [POM]		e	c	5	1 2 4 5	
932832	<u>N-Nitrosohexamethyleneimine</u>	11/20	ChemSet-2	c	50	4	
684935	N-Nitroso-N-methylurea		e	c	100	1 2 3 4 5	
59892	N-Nitrosomorpholine		e	c	0.01	1 2 3 4 5	
100754	N-Nitrosopiperidine		e	c	1	3 4 5	
930552	N-Nitrosopyrrolidine		e	c	0.05	3 4 5	
--	<u>Nitrotoluenes including but not limited to</u>	11/20	ChemSet-2		100		Z
88722	<u>2-Nitrotoluene {o-Nitrotoluene}</u>	11/20	ChemSet-1	c	0.5	3	
118967	<u>2,4,6-Trinitrotoluene</u>	11/20	ChemSet-1	c	0.5	4	
99081	<u>3-Nitrotoluene {m-Nitrotoluene}</u>	11/20	ChemSet-2		100		Z
99990	<u>4-Nitrotoluene {p-Nitrotoluene}</u>	11/20	ChemSet-2		100		Z
25321146	<u>Dinitrotoluenes (mixed isomers) including but not limited to:</u>	11/20	ChemSet-1		0.5		Z
121142	<u>2,4-Dinitrotoluene</u>		e	c	0.5	1 2 3 4	
1326416	<u>2,4-Dinitrotoluene, sulfurized</u>	11/20	ExistGrp	c	0.5	1 2 3 4	
606202	<u>2,6-Dinitrotoluene</u>	06/91	e	c	0.5	3 4	
618859	<u>3,5-Dinitrotoluene</u>	11/20	ChemSet-1		100		Z
99558	<u>5-Nitro-o-toluidine</u>	11/20	ChemSet-2		100		Z
83410	<u>Nitroxylenes</u>	11/20	ChemSet-2		100		Z
25154523	<u>Nonylphenol</u>	11/20	ChemSet-2		100		Z [19]
--	<u>Nonylphenol Ethoxylates</u>	11/20	-		100		Z
27986363	<u>2-(Nonylphenoxy)ethanol</u>	11/20	ChemSet-2		100		Z
20427843	<u>2-[2-(4-Nonylphenoxy)ethoxy]ethanol</u>	11/20	ChemSet-2		100		Z
27176938	<u>2-[2-(Nonylphenoxy)ethoxy]ethanol</u>	11/20	ChemSet-2		100		Z
--	<u>Novolac resins</u>	11/20	ChemSet-2		100	6	
111886	<u>1-Octanethiol</u>	11/20	ChemSet-2		100		Z
27193288	<u>Octylphenol</u>	11/20	ChemSet-2		100		Z
140669	<u>4-t-Octylphenol</u>	11/20	ChemSet-2		100		Z
*	<u>Oleum (see Sulfuric acid and oleum)</u>		e				
--	<u>Organophosphate Flame Retardants (OPFRs) including:</u>	11/20	-		100		Z [20]
225789388	<u>Aluminum diethyl phosphinate</u>	11/20	ChemSet-2		100		Z [20]
5945335	<u>Bisphenol A bis(diphenyl phosphate) {BADP}</u>	11/20	ChemSet-2		100		Z [20]
756796	<u>Dimethyl methylphosphonate {DMMP}</u>	11/20	ChemSet-1		100		Z [20]
57583547	<u>Resorcinol bis(diphenylphosphate) {RDP}</u>	11/20	ChemSet-2		100		Z [20]
126738	<u>Tri-n-butyl phosphate {TBP} (see Phosphorus compounds: Tributyl phosphate)</u>	11/20	e		100	2	[20]
1330785	<u>Tricresyl phosphate {TCP}</u>	11/20	ChemSet-1		100		Z [20]

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115866	Triphenyl phosphate [POM] {TTP}	11/20	e		100	1 2	[20]
115968	Tris(2-chloroethyl) phosphate {TCEP}	11/20	ChemSet-1	c	50	4	
13674845	Tris(1-chloro-2-propyl)phosphate {TCPP}	11/20	ChemSet-1		100		Z [21]
1689320	Tris(1-chloro-2-propyl)phosphate {TCPP} (alt. CAS No. 1, see CAS 13674845)	11/20	(see cross-ref)		100		Z [21]
98112324	Tris(1-chloro-2-propyl)phosphate {TCPP} (alt. CAS No. 2, see CAS 13674845)	11/20	(see cross-ref)		100		Z [21]
13674878	Tris(1,3-dichloro-2-propyl) phosphate {TCDP} {TDCPP}	11/20	ChemSet-1	c	10	4	
19044883	Oryzalin	11/20	ChemSet-2	c	5	4	[19]
19666309	Oxadiazon	11/20	ChemSet-2	c	50	4	[19]
301122	Oxydemeton methyl	11/20	ChemSet-2		100	4	[19]
42874033	Oxyfluorfen	11/20	ChemSet-2		100		Z [19]
7783417	Oxygen difluoride	11/20	ChemSet-2		0.1		Z
2439012	Oxythioquinox (Chinomethionat)	11/20	ChemSet-2	c	50	4	[19]
	-- PAHs (Polycyclic aromatic hydrocarbons) [POM] and Methyl PAHs, including but not limited to:		e		50	1 2	[13]
1151	PAHs, total, w/o individ. components reported [PAH, POM]		e		50	1 2	
1150	PAHs, total, with individ. components also reported [PAH, POM]		e		50	1 2	
83329	Acenaphthene [PAH, POM]	07/96	e		50 5	1	
208968	Acenaphthylene {Cyclopenta[cd]naphthalene} [PAH, POM]	07/96	e		50 5	1	
191264	Anthanthrene {Dibenzo[cd,i]pyrene} [PAH, POM]	11/20	ChemSet-2		0.5		Z
120127	Anthracene [PAH, POM]	06/91	e		50	1 2	7
202335	Benz[i]aceanthrylene [PAH, POM]	11/20	ChemSet-2	c	0.5	3	
56553	Benz[a]anthracene [PAH, POM]		e	c	0.5	1 2 3 4 5	
214175	Benzo[b]chrysene [PAH, POM]	11/20	ChemSet-2		0.5		Z
203338	Benzo[a]fluoranthene [PAH, POM]	11/20	ChemSet-2		0.5		Z
205992	Benzo[b]fluoranthene [PAH, POM]		e	c	0.5	1 2 3 4 5	
203123	Benzo[g,h,i]fluoranthene [PAH, POM]	11/20	ChemSet-2		0.5		Z
205823	Benzo[j]fluoranthene [PAH, POM]		e	c	0.5	1 2 3 4 5	
207089	Benzo[k]fluoranthene [PAH, POM]		e	c	0.5	1 2 3 4 5	
205129	Benzo[c]fluorene [PAH, POM]	11/20	ChemSet-2		0.5		Z
191242	Benzo[g,h,i]perylene [PAH, POM]	07/96	e		0.5	1	
195197	Benzo[c]phenanthrene [PAH, POM]	11/20	ChemSet-2	c	0.5	3	
50328	Benzo[a]pyrene [PAH, POM]		e	c	0.05	1 2 3 4 5	
192972	Benzo[e]pyrene [PAH, POM]	07/96	e		0.5	1	
218019	Chrysene [PAH, POM]	09/90	e	c	5	1 2 3 4	
191071	Coronene [PAH, POM]	11/20	ChemSet-2		0.5		Z
27208373	Cyclopenta[cd]pyrene [PAH]	11/20	Chemset-2	c	50	3 4	
215587	Dibenz[a,c]anthracene [PAH, POM]	11/20	ChemSet-2	c	0.1	4	
53703	Dibenz[a,h]anthracene [PAH, POM]		e	c	0.1	1 2 3 4 5	
224419	Dibenz[a,i]anthracene [PAH, POM]	11/20	ChemSet-2	c	0.1	4	
192654	Dibenzo[a,e]pyrene [PAH, POM]		e	c	0.05	1 2 3 4 5	
189640	Dibenzo[a,h]pyrene [PAH, POM]		Chemset-1	c	0.001	1 2 3 4 5	
189559	Dibenzo[a,i]pyrene [PAH, POM]		Chemset-1	c	0.001	1 2 3 4 5	
191300	Dibenzo[a,l]pyrene [PAH, POM]		Chemset-1	c	0.001	1 2 3 4 5	
192518	Dibenzo[e,l]pyrene [PAH, POM]	11/20	ChemSet-2		0.5		Z

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206440	Fluoranthene [PAH, POM]	07/96	e	c	0.5	1	
86737	Fluorene [PAH, POM]	07/96	e	c	0.5	1	
193395	Indeno[1,2,3-cd]pyrene [PAH, POM]		e	c	0.5	1 2 3 4 5	
91203	Naphthalene [PAH, POM]		e	c	0.1	1 2 3 4	
198550	Perylene [PAH, POM]	07/96	e	c	0.5	1	
85018	Phenanthrene [PAH, POM]	07/96	e	c	0.5	1	
129000	Pyrene [PAH, POM]	07/96	e	c	0.5	1	
--	And Methyl PAHs including:		=				
57976	7,12-Dimethylbenz[<i>a</i>]anthracene [Methyl-PAH, POM]	09/90	ChemSet-1	c	0.0001	1 2 4	
573988	1,2-Dimethylnaphthalene [Methyl-PAH, POM]	11/20	ChemSet-2		0.5		Z
575439	1,6-Dimethylnaphthalene [Methyl-PAH, POM]	11/20	ChemSet-2		0.5		Z
581420	2,6-Dimethylnaphthalene [Methyl-PAH, POM]	11/20	ChemSet-2		0.5		Z
483874	1,7-Dimethylphenanthrene [Methyl-PAH, POM]	11/20	ChemSet-2		0.5		Z
26914181	Methylantracene [Methyl-PAH, POM]	11/20	ChemSet-2		0.5		Z
613127	2-Methylantracene [Methyl-PAH, POM]	11/20	ChemSet-2		0.5		Z
779022	9-Methylantracene [Methyl-PAH, POM]	11/20	ChemSet-2		0.5		Z
2422799	12-Methylbenz[<i>a</i>]anthracene [Methyl-PAH, POM]	11/20	ChemSet-2		0.5		Z
65357699	Methylbenzopyrene [Methyl-PAH, POM]	11/20	ChemSet-2		0.5		Z
56495	3-Methylcholanthrene [Methyl-PAH, POM]	09/90	Chemset-1	c	0.001	1 2 4	
41637905	Methylchrysene [Methyl-PAH, POM]	11/20	ChemSet-2		5		Z
3351313	3-Methylchrysene [Methyl-PAH, POM]	11/20	ChemSet-2		5		Z
3697243	5-Methylchrysene [Methyl-PAH, POM]		ChemSet-1	c	0.05	1 2 3 4 5	
1705857	6-Methylchrysene [Methyl-PAH, POM]	11/20	ChemSet-2		5		Z
25889605	1-Methylfluoranthene [Methyl-PAH, POM]	11/20	ChemSet-2		0.5		Z
1706010	3-Methylfluoranthene [Methyl-PAH, POM]	11/20	ChemSet-2		0.5		Z
90120	1-Methylnaphthalene [Methyl-PAH, POM]	11/20	ChemSet-1		0.5		Z [19]
91576	2-Methylnaphthalene-2-Methylnaphthalene [Methyl-PAH, POM]	07/96	e	c	50 0.5	1	
832699	1-Methylphenanthrene [Methyl-PAH, POM]	11/20	ChemSet-1		0.5		Z
2531842	2-Methylphenanthrene [Methyl-PAH, POM]	11/20	ChemSet-2		0.5		Z
832713	3-Methylphenanthrene [Methyl-PAH, POM]	11/20	ChemSet-2		0.5		Z
883205	9-Methylphenanthrene [Methyl-PAH, POM]	11/20	ChemSet-2		0.5		Z
2381217	1-Methylpyrene [Methyl-PAH, POM]	11/20	ChemSet-2		0.5		Z
3353126	4-Methylpyrene [Methyl-PAH, POM]	11/20	ChemSet-2		0.5		Z
483658	Retene [Methyl-PAH, POM]	11/20	ChemSet-2		0.5		Z
2245387	2,3,5-Trimethylnaphthalene {1,6,7-Trimethylnaphthalene} [Methyl-PAH, POM]	11/20	ChemSet-2		0.5		Z
#	PAH-Derivatives (Polycyclic aromatic hydrocarbon derivatives) [POM] (including but not limited to those substances listed in Appendix A with the bracketed designation [PAH-Derivative, POM])	06/91	e				
7440053	Palladium and compounds	11/20	ChemSet-1		100		Z [7]
--	Parabens including but not limited to:	11/20	ChemSet-2		100		
94268	Butylparaben	11/20	ChemSet-2		100		Z
120478	Ethylparaben	11/20	ChemSet-2		100		Z
99763	Methylparaben	11/20	ChemSet-2		100		Z
94133	n-Propylparaben	11/20	ChemSet-2		100		Z

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30525894	<u>Paraformaldehyde</u>	11/20	<u>ChemSet-2</u>		100		Z
1910425	<u>Paraquat</u>	11/20	<u>ChemSet-2</u>		20		Z [19]
56382	<u>Parathion</u>	06/91	<u>ChemSet-2</u>	c	400 50	1 2 3 4	[19]
1155	<u>PBBs (Polybrominated biphenyls) [POM] including but not limited to:</u>		<u>Chemset-1</u>	c	1	1 2 3 4 5	
13654096	<u>Decabromobiphenyl</u>	11/20	<u>ChemSet-2</u>	c	1	1 3 4 5	Z
59080409	<u>2,2',4,4',5,5'-Hexabromobiphenyl (see Brominated and Chlorinated Organic Compounds Used as Flame Retardants)</u>	11/20	(see cross-ref)		1	5	
67774327	<u>Hexabromobiphenyl mixture including Firemaster FF-1 (see Brominated and Chlorinated Organic Compounds Used as Flame Retardants)</u>	11/20	(see cross-ref)		1	5	
61288139	<u>Octabromobiphenyl</u>	11/20	<u>ChemSet-2</u>	c	1	1 3 4 5	Z
59536651	<u>PBBs (mixed) including but not limited to: Firemaster® BP-6</u>	11/20	<u>ChemSet-2</u>	c	1	1 3 4	Z
1336363	<u>PCBs (Polychlorinated biphenyls), total [POM] including but not limited to:</u>		e	c	0.01	1 2 3 4 5 6	
53469219	<u>Chlorodiphenyl (42% Chlorine, PCB 1242)</u>	11/20	<u>ChemSet-1</u>		0.01		Z
11097691	<u>Chlorodiphenyl (54% Chlorine, PCB 1254)</u>	11/20	<u>ChemSet-1</u>		0.01		Z
39635319	<u>2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL (PCB 189)</u>	11/06	e	c	0.01	2 3 4 5	
38380084	<u>2,3,3',4,4',5-HEXACHLOROBIPHENYL (PCB 156)</u>	11/06	e	c	0.002	2 3 4 5	
69782907	<u>2,3,3',4,4',5'-HEXACHLOROBIPHENYL (PCB 157)</u>	11/06	e	c	0.002	2 3 4 5	
52663726	<u>2,3',4,4',5,5'-HEXACHLOROBIPHENYL (PCB 167)</u>	11/06	e	c	0.1	2 3 4 5	
32774166	<u>3,3',4,4',5,5'-HEXACHLOROBIPHENYL (PCB 169)</u>	11/06	e	c	0.0001	2 3 4 5	
32598144	<u>2,3,3',4,4'-PENTACHLOROBIPHENYL (PCB 105)</u>	11/06	e	c	0.01	2 3 4 5	
74472370	<u>2,3,4,4',5-PENTACHLOROBIPHENYL (PCB 114)</u>	11/06	e	c	0.002	2 3 4 5	
31508006	<u>2,3',4,4',5-PENTACHLOROBIPHENYL (PCB 118)</u>	11/06	e	c	0.01	2 3 4 5	
65510443	<u>2,3',4,4',5'-PENTACHLOROBIPHENYL (PCB 123)</u>	11/06	e	c	0.01	2 3 4 5	
57465288	<u>3,3',4,4',5-PENTACHLOROBIPHENYL (PCB 126)</u>	11/06	e	c	0.00001	2 3 4 5	
32598133	<u>3,3',4,4'-TETRACHLOROBIPHENYL (PCB 77)</u>	11/06	e	c	0.01	2 3 4 5	
70362504	<u>3,4,4',5-TETRACHLOROBIPHENYL (PCB 81)</u>	11/06	e	c	0.01	2 3 4 5	
98566	<u>PCBTF (see 1-Chloro-4-(trifluoromethyl)benzene)</u>	11/20	(see cross-ref)	c	50	3 6	
40487421	<u>Pendimethalin</u>	11/20	<u>ChemSet-2</u>		100		Z [19]
19624227	<u>Pentaborane</u>	11/20	<u>ChemSet-2</u>		20		Z
60348609	<u>Pentabromodiphenyl ether mixture [DE-71 (technical grade)]</u>	11/20	<u>ChemSet-2</u>	c	1	4	
608719	<u>Pentabromophenol (PBP) (see Brominated and Chlorinated Organic Compounds used as Flame Retardants)</u>	11/20	(see cross-ref)		100		Z
608935	<u>Pentachlorobenzene</u>	11/20	<u>ChemSet-2</u>		10		Z
133493	<u>Pentachlorobenzenethiol</u>	11/20	<u>ChemSet-2</u>		100		Z
76017	<u>Pentachloroethane</u>	11/20	<u>ChemSet-2</u>		100		Z
1321648	<u>Pentachloronaphthalene</u>	11/20	<u>ChemSet-2</u>		100		Z
82688	<u>Pentachloronitrobenzene (Quintobenzene) (see Chloronitrobenzenes)</u>	06/91	e		100	1 2	
600146	<u>2,3-Pentanedione</u>	11/20	<u>ChemSet-1</u>		100		Z
1341453	<u>2,3-Pentanedione (alt./deprecated CAS, see CAS 600146)</u>	11/20	(see cross-ref)		100		Z
110667	<u>1-Pentanethiol</u>	11/20	<u>ChemSet-2</u>		100		Z
79210	<u>Peracetic acid</u>	06/91	e		100	1	
127184	<u>Perchloroethylene (Tetrachloroethene)</u>		e	c	5	1 2 3 4 5 6	
594423	<u>Perchloromethyl mercaptan</u>	11/20	<u>ChemSet-2</u>		50		Z [19]
7616946	<u>Perchloryl fluoride</u>	11/20	<u>ChemSet-2</u>		100		Z

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	-- Perfluoro and Polyfluoro compounds including but not limited to:	11/20	-				Z
68391082	Alcohols, C8-14, gamma-omega-perfluoro	11/20	ChemSet-2		100		Z
97659477	Alkenes, C8-14 alpha-, delta-omega-perfluoro	11/20	ChemSet-2		100		Z
68188125	Alkyl iodides, C4-20, gamma-omega-perfluoro	11/20	ChemSet-2		100		Z
958445448	Ammonium 4,8-dioxa-3H-perfluorononanoate (ADONA Ammonium salt)	11/20	ChemSet-2		100		Z
67906427	Ammonium perfluorodecylsulfonate	11/20	ChemSet-2		100		Z
3825261	Ammonium perfluorooctanoate	11/20	ChemSet-1	C	10		Z
29081569	Ammonium perfluorooctylsulfonate	11/20	ChemSet-2		100		Z
68515628	1,4-Benzenedicarboxylic acid, dimethyl ester, reaction products with bis(2-hydroxyethyl)terephthalate, ethylene glycol, alpha-fluoro-omega-(2-hydroxyethyl)poly(difluoromethylene), hexakis(methoxymethyl)melamine and polyethylene glycol	11/20	ChemSet-2		100		Z
40143779	Bis(perfluorohexyl)phosphinic acid {Bis(tridecafluorohexyl)phosphinic acid}	11/20	ChemSet-2		100		Z
68187257	Butanoic acid, 4-[[3-(dimethylamino)propyl]amino]-4-oxo-, 2(or 3)-[(gamma-omega-perfluoro-C6-20-alkyl)thiol derivatives	11/20	ChemSet-2		100		Z
383073	N-Butylperfluorooctanesulphonamido ethyl acrylate	11/20	ChemSet-2		100		Z
2263094	N-Butylperfluorooctanesulphonamido ethyl alcohol	11/20	ChemSet-2		100		Z
756426581	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid {9-Cl-PF3ONS}	11/20	Chemset-2		100		Z
763051929	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid {11-Cl-PF3OUdS}	11/20	Chemset-2		100		Z
83329899	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonate (potassium or other salts)	11/20	Chemset-2		100		Z
68141026	Chromium (III) perfluorooctanoate	11/20	ChemSet-2		100		Z
67584423	Cyclohexanesulfonic acid, decafluoro(pentafluoroethyl)-, potassium salt (see Decafluoro-4-(pentafluoroethyl)cyclohexanesulfonate)	11/20	(see cross-ref)		100		Z
68156070	Cyclohexanesulfonic acid, decafluoro(trifluoromethyl)-, potassium salt	11/20	ChemSet-2		100		Z
68156014	Cyclohexanesulfonic acid, nonafluorobis(trifluoromethyl)-, potassium salt	11/20	ChemSet-2		100		Z
67584423	Decafluoro-4-(pentafluoroethyl)cyclohexanesulfonate {PFechS}	11/20	Chemset-2		100		Z
919005144	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	11/20	Chemset-2		100		Z
118400718	Disulfides, bis(gamma-omega-perfluoro-C6-20-alkyl)	11/20	ChemSet-2		100		Z
27619916	1-Dodecanesulfonyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-heneicosafluoro-	11/20	ChemSet-2		100		Z
65636353	Ethanaminium, N,N-diethyl-N-methyl-2-[(2-methyl-1-oxo-2-propenyl)oxy]-, methyl sulfate, polymer with 2-ethylhexyl 2-methyl-2-propenoate, alpha-fluoro-omega-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]poly(difluoromethylene), 2-hydroxyethyl 2-methyl-2-propenoate and N-(hydroxymethyl)-2-propenamide	11/20	ChemSet-2		100		Z
182176529	Ethaneperoxy acid, reaction products with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl thiocyanate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl thiocyanate	11/20	ChemSet-2		100		Z
65530645	Ethanol, 2,2'-iminobis-, compound with alpha, alpha'-[phosphinobis(oxy-2,1-ethanediy)]bis [omega-fluoropoly(difluoromethylene)] (1:1)	11/20	ChemSet-2		100		Z
65530747	Ethanol, 2,2'-iminobis-, compound with alpha-fluoro-omega-[2-(phosphonoxy)ethyl]poly (difluoromethylene) (1:1)	11/20	ChemSet-2		100		Z
65530634	Ethanol, 2,2'-iminobis-, compound with alpha-fluoro-omega-[2-(phosphonoxy)ethyl]poly (difluoromethylene) (2:1)	11/20	ChemSet-2		100		Z
2991506	N-Ethyl-N-((heptadecafluorooctyl)sulfonyl)glycine (see 2-(N-Ethyl-perfluorooctanesulphonamido)acetic acid)	11/20	(see cross-ref)		100		Z
61660126	N-Ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-[3-(trimethoxysilyl)propyl]-1-octanesulfonamide	11/20	ChemSet-2		100		Z
67969691	N-Ethyl-N-(2-hydroxyethyl)perfluorooctanesulfonamide phosphate monoester diammonium salt	11/20	ChemSet-2		100		Z

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2991506	<u>2-(N-Ethyl-perfluorooctanesulfonamido)acetic acid (NEtFOSAA)</u>	11/20	<u>ChemSet-2</u>		100		Z
423825	<u>2-(N-Ethylperfluorooctanesulfonamido)ethyl acrylate</u>	11/20	<u>ChemSet-2</u>		100		Z
1691992	<u>N-Ethylperfluorooctanesulfonamidoethyl alcohol (N-EtFOSE)</u>	11/20	<u>ChemSet-2</u>		100		Z
376147	<u>N-Ethylperfluorooctylsulfonamidoethyl methacrylate</u>	11/20	<u>ChemSet-2</u>		100		Z
29117086	<u>N-Ethyl-N-polyoxyethylene-perfluorooctanesulfonamide</u>	11/20	<u>ChemSet-2</u>		100		Z
72623779	<u>Fatty acids, C6-18, perfluoro, ammonium salts</u>	11/20	<u>ChemSet-2</u>		100		Z
72968388	<u>Fatty acids, C7-13, perfluoro, ammonium salts</u>	11/20	<u>ChemSet-2</u>		100		Z
178535234	<u>Fatty acids, linseed-oil, gamma-omega-perfluoro-C8-14-alkyl esters</u>	11/20	<u>ChemSet-2</u>		100		Z
67584627	<u>Glycine, N-ethyl-N-[(pentadecafluoroheptyl)sulfonyl]-, potassium salt</u>	11/20	<u>ChemSet-2</u>		100		Z
67584536	<u>Glycine, N-ethyl-N-[(tridecafluorohexyl)sulfonyl]-, potassium salt</u>	11/20	<u>ChemSet-2</u>		100		Z
67584525	<u>Glycine, N-ethyl-N-[(undecafluoropentyl)sulfonyl]-, potassium salt</u>	11/20	<u>ChemSet-2</u>		100		Z
55910106	<u>Glycine, N-[(heptadecafluorooctyl)sulfonyl]-N-propyl-, potassium salt</u>	11/20	<u>ChemSet-2</u>		100		Z
37858030	<u>6:2 Fluorotelomer acetate</u>	11/20	<u>ChemSet-2</u>		100		Z
37858041	<u>8:2 Fluorotelomer acetate</u>	11/20	<u>ChemSet-2</u>		100		Z
37858052	<u>10:2 Fluorotelomer acetate</u>	11/20	<u>ChemSet-2</u>		100		Z
17527296	<u>6:2 Fluorotelomer acrylate</u>	11/20	<u>ChemSet-1</u>		100		Z
27905459	<u>8:2 Fluorotelomer acrylate</u>	11/20	<u>ChemSet-2</u>		100		Z
17741605	<u>10:2 Fluorotelomer acrylate</u>	11/20	<u>ChemSet-2</u>		100		Z
647427	<u>6:2 Fluorotelomer alcohol {FtOH 6:2}</u>	11/20	<u>ChemSet-1</u>		100		Z
678397	<u>8:2 Fluorotelomer alcohol {FtOH 8:2}</u>	11/20	<u>ChemSet-1</u>		100		Z
865861	<u>10:2 Fluorotelomer alcohol {FtOH 10:2}</u>	11/20	<u>ChemSet-1</u>		100		Z
356025	<u>3:3 Fluorotelomer carboxylic acid {FTCA 3:3}</u>	11/20	<u>Chemset-2</u>		100		Z
914637493	<u>5:3 Fluorotelomer carboxylic acid {5:3 acid} {FTCA 5:3}</u>	11/20	<u>ChemSet-2</u>		100		Z
53826123	<u>6:2 Fluorotelomer carboxylic acid</u>	11/20	<u>ChemSet-2</u>		100		Z
812704	<u>7:3 Fluorotelomer carboxylic acid {FTCA 7:3}</u>	11/20	<u>ChemSet-2</u>		100		Z
27854315	<u>8:2 Fluorotelomer carboxylic acid</u>	11/20	<u>ChemSet-2</u>		100		Z
53826134	<u>10:2 Fluorotelomer carboxylic acid</u>	11/20	<u>ChemSet-2</u>		100		Z
57677959	<u>6:2 Fluorotelomer phosphate diester {6:2 diPAP}</u>	11/20	<u>ChemSet-2</u>		100		Z
943913153	<u>6:2/8:2 Fluorotelomer phosphate diester {6:2/8:2 diPAP}</u>	11/20	<u>ChemSet-2</u>		100		Z
678411	<u>8:2 Fluorotelomer phosphate diester {8:2 diPAP}</u>	11/20	<u>ChemSet-2</u>		100		Z
57678010	<u>6:2 Fluorotelomer phosphate monoester {6:2 monoPAP}</u>	11/20	<u>ChemSet-2</u>		100		Z
57678032	<u>8:2 Fluorotelomer phosphate monoester {8:2 monoPAP}</u>	11/20	<u>ChemSet-2</u>		100		Z
425670753	<u>6:2 Fluorotelomer sulfonate {FtS 6:2}</u>	11/20	<u>ChemSet-1</u>		100		Z
481071787	<u>8:2 Fluorotelomer sulfonate</u>	11/20	<u>ChemSet-1</u>		100		Z
757124724	<u>4:2 Fluorotelomer sulfonic acid {FtS 4:2}</u>	11/20	<u>ChemSet-1</u>		100		Z
27619972	<u>6:2 Fluorotelomer sulfonic acid</u>	11/20	<u>ChemSet-1</u>		100		Z
39108344	<u>8:2 Fluorotelomer sulfonic acid {FtS 8:2}</u>	11/20	<u>ChemSet-2</u>		100		Z
120226600	<u>10:2 Fluorotelomer sulfonic acid {FtS 10:2}</u>	11/20	<u>ChemSet-2</u>		100		Z
70887886	<u>6:2 Fluorotelomer unsaturated carboxylic acid</u>	11/20	<u>ChemSet-2</u>		100		Z
70887842	<u>8:2 Fluorotelomer unsaturated carboxylic acid</u>	11/20	<u>ChemSet-2</u>		100		Z
70887944	<u>10:2 Fluorotelomer unsaturated carboxylic acid</u>	11/20	<u>ChemSet-2</u>		100		Z
2355319	<u>N-(Heptadecafluorooctylsulfonyl)-N-methylglycine (NMeFOSAA)</u>	11/20	<u>ChemSet-2</u>		100		Z
61798683	<u>N-Heptadecafluoro-1,1,2,2-tetrahydrodecylpyridinium tosylate</u>	11/20	<u>ChemSet-2</u>		100		Z

**Appendix A-I
Substances for Which Emissions Must Be Quantified**

Emittent ID [Note 1]	Substance Name [Note 2]	Add Date [Note 3]	Effective Phase [Note 23]	Carcinogen [Note 4]	Applicable Degree of Accuracy (lb/yr) [Note 5]	Source List(s) [Note 6]	Other Note(s)
68957620	1-Heptanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-	11/20	ChemSet-2		100		Z
68555760	1-Heptanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-(2-hydroxyethyl)-N-methyl-	11/20	ChemSet-2		100		Z
68259074	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, ammonium salt	11/20	ChemSet-2		100		Z
70225159	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, compound with 2,2'-iminobis[ethanol] (1:1)	11/20	ChemSet-2		100		Z
13252136	Hexafluoropropylene oxide dimer acid (HFPO) and its ammonium salt (GenX/GenX Chemicals)	11/20	ChemSet-1		100		Z
62037803	Hexafluoropropylene oxide dimer acid (HFPO) and its ammonium salt (GenX/GenX Chemicals) (alt. CAS, see CAS 13252136)	11/20	ChemSet-1		100		Z
135228603	Hexane, 1,6-diisocyanato-, homopolymer, gamma-omega-perfluoro-C6-20-alc.-blocked	11/20	ChemSet-2		100		Z
68555759	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-methyl-	11/20	ChemSet-2		100		Z
68259085	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, ammonium salt	11/20	ChemSet-2		100		Z
70225160	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compound with 2,2'-iminobis[ethanol] (1:1)	11/20	ChemSet-2		100		Z
2043530	1-Iodo-2-(perfluorooctyl)ethane	11/20	ChemSet-1		100		Z
29457725	Lithium (perfluorooctane)sulfonate	11/20	ChemSet-2		100		Z
2355319	N-Methyl-perfluorooctanesulfonamido acetic acid	11/20	ChemSet-2		100		Z
24448097	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	11/20	ChemSet-2		100		Z
25268773	N-Methylperfluorooctanesulfonamidoethyl acrylate	11/20	ChemSet-2		100		Z
376272	Methyl perfluorooctanoate	11/20	ChemSet-2		100		Z
151772586	Nonafluoro-3,6-dioxahexanoic acid (NFDHA)	11/20	ChemSet-2		100		Z
17202414	1-Nonanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluoro-, ammonium salt	11/20	ChemSet-2		100		Z
178094694	1-Octanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-hepta-decafluoro-, potassium salt	11/20	ChemSet-2		100		Z
70225148	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-hepta-decafluoro-, compound with 2,2'-iminobis[ethanol] (1:1)	11/20	ChemSet-2		100		Z
68259096	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, ammonium salt	11/20	ChemSet-2		100		Z
70225171	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, compound with 2,2'-iminobis[ethanol] (1:1)	11/20	ChemSet-2		100		Z
68555748	1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-(2-hydroxyethyl)-N-methyl-	11/20	ChemSet-2		100		Z
71608601	Pentanoic acid, 4,4-bis[(gamma-omega-perfluoro-C8-20-alkyl)thio] derivatives	11/20	ChemSet-2		100		Z
1152	Perfluorobutane sulfonate (and salts)	11/20	ChemSet-1		100		Z
375735	Perfluorobutane sulfonic acid (PFBS)	11/20	ChemSet-1		100		Z
375224	Perfluorobutanoic acid (Perfluorobutyric acid) (PFBA)	11/20	ChemSet-1		100		Z
126105348	Perfluorodecane sulfonate (PFDS)	11/20	ChemSet-2		100		Z
335773	Perfluorodecane sulfonic acid	11/20	ChemSet-2		100		Z
39108344	1H,1H,2H,2H-Perfluorodecane sulfonic acid (see 8:2 Fluorotelomer sulfonic acid)	11/20	(see cross-ref)		100		Z
335762	Perfluorodecanoic acid (PFDA)	11/20	ChemSet-2		100		Z
812704	2H,2H,3H,3H-Perfluorodecanoic acid (FTCA 7:3) (see 7:3 Fluorotelomer carboxylic acid)	11/20	(see cross-ref)		100		Z
2043541	Perfluorodecylethyl iodide	11/20	ChemSet-2		100		Z
2144549	Perfluorodecylethyl methacrylate	11/20	ChemSet-2		100		Z
52299260	Perfluorodecylphosphonic acid (C10-PFPA)	11/20	ChemSet-2		100		Z
79780395	Perfluorododecane sulfonate	11/20	ChemSet-2		100		Z
120226600	1H,1H,2H,2H-Perfluorododecane sulfonate (see 10:2 Fluorotelomer sulfonic acid)	11/20	(see cross-ref)		100		Z

**Appendix A-I
Substances for Which Emissions Must Be Quantified**

Emittent ID [Note 1]	Substance Name [Note 2]	Add Date [Note 3]	Effective Phase [Note 23]	Carcinogen [Note 4]	Applicable Degree of Accuracy (lb/yr) [Note 5]	Source List(s) [Note 6]	Other Note(s)
1260224541	<u>Perfluoro-1-dodecanesulfonate, sodium salt (PFDoS)</u>	11/20	<u>Chemset-2</u>		100		Z
70887842	<u>2H-perfluoro-2-decenoic acid {8:2 FTUCA} {8:2 FOUJA} (see 8:2 Fluorotelomer unsaturated carboxylic acid)</u>	11/20	<u>(see cross-ref)</u>		100		Z
53826134	<u>2-perfluorodecyl ethanoic acid {10:2 FDEA} (see 10:2 Fluorotelomer carboxylic acid)</u>	11/20	<u>(see cross-ref)</u>		100		Z
307551	<u>Perfluorododecanoic acid {PFDoA}</u>	11/20	<u>ChemSet-2</u>		100		Z
39239775	<u>Perfluorododecylethanol (PFA 12)</u>	11/20	<u>ChemSet-2</u>		100		Z
113507827	<u>Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)</u>	11/20	<u>Chemset-2</u>		100		Z
646833	<u>Perfluoroethylcyclohexane sulfonic acid</u>	11/20	<u>ChemSet-2</u>		100		Z
60270555	<u>Perfluoroheptane sulfonate (PFHpS)</u>	11/20	<u>ChemSet-2</u>		100		Z
375928	<u>Perfluoroheptane sulfonic acid</u>	11/20	<u>ChemSet-2</u>		100		Z
335717	<u>Perfluoroheptanesulfonyl fluoride</u>	11/20	<u>ChemSet-2</u>		100		Z
375859	<u>Perfluoroheptanoic acid {PFHpA}</u>	11/20	<u>ChemSet-2</u>		100		Z
67905195	<u>Perfluorohexadecanoic acid {PFHxDA}</u>	11/20	<u>ChemSet-2</u>		100		Z
65104678	<u>2-(Perfluorohexadecyl)ethanol</u>	11/20	<u>ChemSet-2</u>		100		Z
355464	<u>Perfluorohexane sulfonic acid/sulfonate {PFHxS}</u>	11/20	<u>ChemSet-1</u>		100		Z
757124724	<u>1H,1H,2H,2H-Perfluorohexane sulfonic acid (see 4:2 Fluorotelomer sulfonic acid)</u>	11/20	<u>(see cross-ref)</u>		100		Z
356025	<u>2H,2H,3H,3H-Perfluorohexanoic acid {3:3 FTCA} (see 3:3 Fluorotelomer carboxylic acid)</u>	11/20	<u>(see cross-ref)</u>		100		Z
307244	<u>Perfluorohexanoic acid {PFHxA}</u>	11/20	<u>ChemSet-1</u>		100		Z
53826123	<u>2-perfluorohexyl ethanoic acid {6:2FTCA} {6:2 FHEA} (see 6:2 Fluorotelomer carboxylic acid)</u>	11/20	<u>(see cross-ref)</u>		100		Z
1996889	<u>2-Perfluorohexyl ethyl methacrylate {6:2 FTMAC}</u>	11/20	<u>ChemSet-1</u>		100		Z
610800345	<u>Perfluorohexylperfluorooctylphosphinic acid {6:8 PFPiA}</u>	11/20	<u>ChemSet-2</u>		100		Z
40143768	<u>Perfluorohexylphosphonic acid</u>	11/20	<u>ChemSet-2</u>		100		Z
382218	<u>Perfluoroisobutylene (PFIB)</u>	11/20	<u>ChemSet-1</u>		1		Z
30046312	<u>Perfluorolaurylethyl iodide</u>	11/20	<u>ChemSet-2</u>		100		Z
6014751	<u>Perfluorolauryl ethyl methacrylate</u>	11/20	<u>ChemSet-2</u>		100		Z
863090895	<u>Perfluoro-4-methoxybutanoic acid {PFMBA}</u>	11/20	<u>Chemset-2</u>		100		Z
377731	<u>Perfluoro-3-methoxypropanoic acid {PFMPA}</u>	11/20	<u>Chemset-2</u>		100		Z
1153	<u>Perfluoromethylheptane sulfonic acid</u>	11/20	<u>ChemSet-2</u>		100		Z
31506328	<u>Perfluoro-N-methyloctanesulfonamide {N-MeFOSA}</u>	11/20	<u>ChemSet-2</u>		100		Z
62037803	<u>Perfluoro(2-methyl-3-oxahexanoic) acid {GenX/GenX Chemicals} (alt CAS, see CAS 13252136)</u>	11/20	<u>ChemSet-1</u>		100		Z
474511074	<u>Perfluorononane sulfonate {PFNS}</u>	11/20	<u>ChemSet-2</u>		100		Z
68259121	<u>Perfluorononane sulfonic acid</u>	11/20	<u>ChemSet-2</u>		100		Z
375951	<u>Perfluorononanoic acid {PFNA}</u>	11/20	<u>ChemSet-2</u>		10		Z
16517116	<u>Perfluorooctadecanoic acid {PFODA}</u>	11/20	<u>ChemSet-2</u>		100		Z
65104656	<u>2-(Perfluorooctadecyl)ethanol</u>	11/20	<u>ChemSet-2</u>		100		Z
754916	<u>Perfluorooctane sulfonamide {PFOSA}</u>	11/20	<u>ChemSet-2</u>		100		Z
45298906	<u>Perfluorooctane sulfonate {PFOS}</u>	11/20	<u>ExistGrp</u>		100	4	Z
1763231	<u>Perfluorooctane sulfonic acid</u>	11/20	<u>ExistGrp</u>		100	4	Z
27619972	<u>1H,1H,2H,2H-Perfluorooctane sulfonic acid (see 6:2 Fluorotelomer sulfonic acid)</u>	11/20	<u>(see cross-ref)</u>		100		Z
307357	<u>Perfluorooctane sulfonyl fluoride</u>	11/20	<u>ChemSet-1</u>		100		Z
335671	<u>Perfluorooctanoic acid {PFOA}</u>	11/20	<u>ExistGrp</u>	c	10	3 4	Z
2795393	<u>Perfluorooctanoic acid {PFOA} and its salts, esters, and sulfonates</u>	11/06	e	c	10	3 4	7
335660	<u>Perfluorooctanoic acid fluoride</u>	11/20	<u>ChemSet-1</u>		100		Z

**Appendix A-I
Substances for Which Emissions Must Be Quantified**

Emittent ID [Note 1]	Substance Name [Note 2]	Add Date [Note 3]	Effective Phase [Note 23]	Carcinogen [Note 4]	Applicable Degree of Accuracy (lb/yr) [Note 5]	Source List(s) [Note 6]	Other Note(s)
914637493	2H,2H,3H,3H-Perfluorooctanoic acid {5:3 acid} {FTCA 5:3} (see 5:3 Fluorotelomer carboxylic acid)	11/20	(see cross-ref)		100		Z
70887886	2H-perfluoro-2-octenoic acid {6:2 FHUEA} (see 6:2 Fluorotelomer unsaturated carboxylic acid)	11/20	(see cross-ref)		100		Z
27854315	2-perfluorooctyl ethanoic acid {8:2 FTA} {8:2 FOEA} (see 8:2 Fluorotelomer carboxylic acid)	11/20	(see cross-ref)		100		Z
27619905	2-(Perfluorooctyl)ethanesulfonyl chloride	11/20	ChemSet-2		100		Z
21652584	Perfluorooctyl ethylene	11/20	ChemSet-2		100		Z
1996889	2-(Perfluorooctyl)ethyl methacrylate	11/20	ChemSet-1		100		Z
40143780	Perfluorooctylphosphonic acid {PFOPA}	11/20	ChemSet-2		100		Z
2706914	Perfluoropentane sulfonic acid	11/20	ChemSet-2		100		Z
2706903	Perfluoropentanoic acid {PFPeA}	11/20	ChemSet-2		100		Z
175905369	Perfluoropentane sulfonate {PFPeS}	11/20	ChemSet-2		100		Z
376067	Perfluorotetradecanoic acid {PFTeDA}	11/20	ChemSet-2		100		Z
72629948	Perfluorotridecanoic acid {PFTrDA}	11/20	ChemSet-2		100		Z
2058948	Perfluoroundecanoic acid {PFUnA}	11/20	ChemSet-2		100		Z
60699516	2-(Perfluorotetradecyl)ethanol {PFA 14}	11/20	ChemSet-2		100		Z
65510556	Perfluorotetradecylethyl iodide	11/20	ChemSet-2		100		Z
4980534	Perfluorotetradecylethyl methacrylate	11/20	ChemSet-2		100		Z
68412691	Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivatives	11/20	ChemSet-2		100		Z
68412680	Phosphonic acid, perfluoro-C6-12-alkyl derivatives	11/20	ChemSet-2		100		Z
74499448	Phosphoric acid, alpha-omega-perfluoro-C8-16-alkyl esters, compounds with diethanolamine	11/20	ChemSet-2		100		Z
123171686	Poly(difluoromethylene), alpha-[2-(acetyloxy)-3-[(carboxymethyl)dimethylammonio]propyl]-omega-fluoro-, inner salt	11/20	ChemSet-2		100		Z
65530838	Poly(difluoromethylene), alpha-[2-[(2-carboxyethyl)thio]ethyl]-omega-fluoro-	11/20	ChemSet-2		100		Z
65530690	Poly(difluoromethylene), alpha-[2-[(2-carboxyethyl)thio]ethyl]-omega-fluoro-, lithium salt	11/20	ChemSet-2		100		Z
65605563	Poly(difluoromethylene), alpha-fluoro-omega-(2-hydroxyethyl)-, dihydrogen 2-hydroxy-1,2,3-propanetricarboxylate	11/20	ChemSet-2		100		Z
65605574	Poly(difluoromethylene), alpha-fluoro-omega-(2-hydroxyethyl)-, hydrogen 2-hydroxy-1,2,3-propanetricarboxylate	11/20	ChemSet-2		100		Z
65530598	Poly(difluoromethylene), alpha-fluoro-omega-(2-hydroxyethyl)-, 2-hydroxy-1,2,3-propanetricarboxylate (3:1)	11/20	ChemSet-2		100		Z
65530667	Poly(difluoromethylene), alpha-fluoro-omega-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]-	11/20	ChemSet-2		100		Z
65530656	Poly(difluoromethylene), alpha-fluoro-omega-[2-[(1-oxooctadecyl)oxy]ethyl]-	11/20	ChemSet-2		100		Z
65605734	Poly(difluoromethylene), alpha-fluoro-omega-[2-[(1-oxo-2-propenyl)oxy]ethyl]-, homopolymer	11/20	ChemSet-2		100		Z
65530623	Poly(difluoromethylene), alpha, alpha'-[phosphinobis(oxy-2,1-ethanediy)]bis[omega-fluoro-	11/20	ChemSet-2		100		Z
65530703	Poly(difluoromethylene), alpha, alpha'-[phosphinobis(oxy-2,1-ethanediy)]bis[omega-fluoro-, ammonium salt	11/20	ChemSet-2		100		Z
65530612	Poly(difluoromethylene), alpha-fluoro-omega-[2-(phosphonoxy)ethyl]-	11/20	ChemSet-2		100		Z
95144120	Poly(difluoromethylene), alpha-fluoro-omega-[2-(phosphonoxy)ethyl]-, ammonium salt	11/20	ChemSet-2		100		Z
65530725	Poly(difluoromethylene), alpha-fluoro-omega-[2-(phosphonoxy)ethyl]-, diammonium salt	11/20	ChemSet-2		100		Z
65530714	Poly(difluoromethylene), alpha-fluoro-omega-[2-(phosphonoxy)ethyl]-, monoammonium salt	11/20	ChemSet-2		100		Z
80010373	Poly(difluoromethylene), alpha-fluoro-omega-[2-sulphoethyl]-	11/20	ChemSet-2		100		Z
68958612	Poly(oxy-1,2-ethanediy), alpha-[2-ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl]-omega-methoxy-	11/20	ChemSet-2		100		Z

**Appendix A-1
Substances for Which Emissions Must Be Quantified**

Emittent ID [Note 1]	Substance Name [Note 2]	Add Date [Note 3]	Effective Phase [Note 23]	Carcinogen [Note 4]	Applicable Degree of Accuracy (lb/yr) [Note 5]	Source List(s) [Note 6]	Other Note(s)
68298817	<u>Poly(oxy-1,2-ethanediyl), alpha-[2-ethyl((pentadecafluoroheptyl)sulfonylamino)ethyl]-omega-hydroxy-</u>	11/20	<u>ChemSet-2</u>		100	Z	
68958601	<u>Poly(oxy-1,2-ethanediyl), alpha-[2-ethyl((pentadecafluoroheptyl)sulfonylamino)ethyl]-omega-methoxy-</u>	11/20	<u>ChemSet-2</u>		100	Z	
56372237	<u>Poly(oxy-1,2-ethanediyl), alpha-[2-ethyl((tridecafluoroheptyl)sulfonylamino)ethyl]-omega-hydroxy-</u>	11/20	<u>ChemSet-2</u>		100	Z	
68298806	<u>Poly(oxy-1,2-ethanediyl), alpha-[2-ethyl((undecafluoropentyl)sulfonylamino)ethyl]-omega-hydroxy-</u>	11/20	<u>ChemSet-2</u>		100	Z	
65545804	<u>Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, ether with alpha-fluoro-omega-(2-hydroxyethyl)poly(difluoromethylene) (1:1)</u>	11/20	<u>ChemSet-2</u>		100	Z	
70983594	<u>Poly(oxy-1,2-ethanediyl), alpha-methyl-omega-hydroxy-, 2-hydroxy-3-[(gamma-omega-perfluoro-C6-20-alkyl)thio]propyl ethers</u>	11/20	<u>ChemSet-2</u>		100	Z	
68259392	<u>Poly(oxy(methyl-1,2-ethanediyl)), alpha-[2-ethyl((pentadecafluoroheptyl)sulfonylamino)ethyl]-omega-hydroxy-</u>	11/20	<u>ChemSet-2</u>		100	Z	
68259381	<u>Poly(oxy(methyl-1,2-ethanediyl)), alpha-[2-ethyl((tridecafluoroheptyl)sulfonylamino)ethyl]-omega-hydroxy-</u>	11/20	<u>ChemSet-2</u>		100	Z	
68310178	<u>Poly(oxy(methyl-1,2-ethanediyl)), alpha-[2-ethyl((undecafluoropentyl)sulfonylamino)ethyl]-omega-hydroxy-</u>	11/20	<u>ChemSet-2</u>		100	Z	
37338480	<u>Polypropylene glycol monof2-(N-ethyl perfluorooctanesulfonamido)ethyl ether</u>	11/20	<u>ChemSet-2</u>		100	Z	
3107184	<u>Potassium perfluorocyclohexyl sulfonate</u>	11/20	<u>ChemSet-2</u>		100	Z	
3871996	<u>Potassium perfluorohexanesulfonate</u>	11/20	<u>ChemSet-2</u>		100	Z	
2991517	<u>Potassium N-perfluorooctylsulfonyl-N-ethylglycinate</u>	11/20	<u>ChemSet-2</u>		100	Z	
3872251	<u>Potassium perfluoropentanesulfonate</u>	11/20	<u>ChemSet-2</u>		100	Z	
1078715613	<u>1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-[2-[(gamma-omega-perfluoro-C4-20-alkyl)thio]acetyl] derivatives, inner salts</u>	11/20	<u>ChemSet-2</u>		100	Z	
38006745	<u>1-Propanaminium, 3-[(heptadecafluorooctyl)sulfonylamino]-N,N,N-trimethyl-, chloride</u>	11/20	<u>ChemSet-2</u>		100	Z	
70983607	<u>1-Propanaminium, 2-hydroxy-N,N,N-trimethyl-, 3-[(gamma-omega-perfluoro-C6-20-alkyl)thio] derivatives, chlorides</u>	11/20	<u>ChemSet-2</u>		100	Z	
68555817	<u>1-Propanaminium, N,N,N-trimethyl-3-[(pentadecafluoroheptyl)sulfonylamino]-, chloride</u>	11/20	<u>ChemSet-2</u>		100	Z	
67584581	<u>1-Propanaminium, N,N,N-trimethyl-3-[(pentadecafluoroheptyl)sulfonylamino]-, iodide</u>	11/20	<u>ChemSet-2</u>		100	Z	
52166822	<u>1-Propanaminium, N,N,N-trimethyl-3-[(tridecafluoroheptyl)sulfonylamino]-, chloride</u>	11/20	<u>ChemSet-2</u>		100	Z	
68957584	<u>1-Propanaminium, N,N,N-trimethyl-3-[(tridecafluoroheptyl)sulfonylamino]-, iodide</u>	11/20	<u>ChemSet-2</u>		100	Z	
68957551	<u>1-Propanaminium, N,N,N-trimethyl-3-[(undecafluoropentyl)sulfonylamino]-, chloride</u>	11/20	<u>ChemSet-2</u>		100	Z	
68957573	<u>1-Propanaminium, N,N,N-trimethyl-3-[(undecafluoropentyl)sulfonylamino]-, iodide</u>	11/20	<u>ChemSet-2</u>		100	Z	
238420809	<u>Propanedioic acid, mono(gamma-omega-perfluoro-C8-12-alkyl) derivatives, bis[4-(ethenyloxy)butyl] esters</u>	11/20	<u>ChemSet-2</u>		100	Z	
238420683	<u>Propanedioic acid, mono(gamma-omega-perfluoro-C8-12-alkyl) derivatives, di-me esters</u>	11/20	<u>ChemSet-2</u>		100	Z	
148240851	<u>1,3-Propanediol, 2,2-bis[[gamma-omega-perfluoro-C4-10-alkyl]thio]methyl] derivs., phosphates, ammonium salts</u>	11/20	<u>ChemSet-2</u>		100	Z	
148240873	<u>1,3-Propanediol, 2,2-bis[[gamma-omega-perfluoro-C6-12-alkyl]thio]methyl] derivatives, phosphates, ammonium salts</u>	11/20	<u>ChemSet-2</u>		100	Z	
1078142105	<u>1,3-Propanediol, 2,2-bis[[gamma-omega-perfluoro-C6-12-alkyl]thio]methyl] derivs., polymers with 2,2-bis[[gamma-omega-perfluoro-C10-20-alkyl]thio]methyl]-1,3-propanediol, 1,6-diisocyanato-2,2,4(or 2,4,4)-trimethylhexane, 2-heptyl-3,4-bis(9-isocyanatononyl)-1-pentylcyclohexane and 2,2'-(methylimino)bis[ethanol]</u>	11/20	<u>ChemSet-2</u>		100	Z	

**Appendix A-I
Substances for Which Emissions Must Be Quantified**

Emittent ID [Note 1]	Substance Name [Note 2]	Add Date [Note 3]	Effective Phase [Note 23]	Carcinogen [Note 4]	Applicable Degree of Accuracy (lb/yr) [Note 5]	Source List(s) [Note 6]	Other Note(s)
148240895	1,3-Propanediol, 2,2-bis[[gamma-omega-perfluoro-C10-20-alkyl]thio]methyl derivatives, phosphates, ammonium salts	11/20	ChemSet-2		100		Z
68187473	1-Propanesulfonic acid, 2-methyl-, 2-[[1-oxo-3-[[gamma-omega-perfluoro-C4-16-alkyl]thio]propyl]amino] derivatives, sodium salts	11/20	ChemSet-2		100		Z
68227963	2-Propenoic acid, butyl ester, telomer with 2-[[heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, alpha-(2-methyl-1-oxo-2-propenyl)-omega-hydroxypoly(oxy-1,4-butanediyl), alpha-(2-methyl-1-oxo-2-propenyl)-omega-[(2-methyl-1-oxo-2-propenyl)oxy]poly(oxy-1,4-butanediyl), 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and 1-octanethiol	11/20	ChemSet-2		100		Z
68298624	2-Propenoic acid, 2-[butyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl ester, telomer with 2-[butyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, methyloxirane polymer with oxirane di-2-propenoate, methyloxirane polymer with oxirane mono-2-propenoate and 1-octanethiol	11/20	ChemSet-2		100		Z
65605585	2-Propenoic acid, esters, 2-methyl-, dodecyl ester, polymer with alpha-fluoro-omega-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]poly(difluoromethylene)	11/20	ChemSet-2		100		Z
59071102	2-Propenoic acid, 2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl ester	11/20	ChemSet-2		100		Z
68867607	2-Propenoic acid, 2-[[heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, polymer with 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and alpha-(1-oxo-2-propenyl)-omega-methoxypoly(oxy-1,2-ethanediyl)	11/20	ChemSet-2		100		Z
150135572	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with Bu acrylate, gamma-omega-perfluoro-C8-14-alkyl acrylate and polyethylene glycol monomethacrylate, 2,2'-azobis[2,4-dimethylpentanenitrile]-initiated	11/20	ChemSet-2		100		Z
196316344	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with gamma-omega-perfluoro-C10-16-alkyl acrylate and vinyl acetate, acetates	11/20	ChemSet-2		100		Z
65605596	2-Propenoic acid, 2-methyl-, dodecyl ester, polymer with alpha-fluoro-omega-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]poly(difluoromethylene) and N-(hydroxymethyl)-2-propenamides	11/20	ChemSet-2		100		Z
68555919	2-Propenoic acid, 2-methyl-, 2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl ester, polymer with 2-[ethyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(tridecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate and octadecyl 2-methyl-2-propenoate	11/20	ChemSet-2		100		Z
68239430	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymer with alpha-fluoro-omega-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]poly(difluoromethylene), 2-hydroxyethyl 2-methyl-2-propenoate and N-(hydroxymethyl)-2-propenamides	11/20	ChemSet-2		100		Z
142636882	2-Propenoic acid, 2-methyl-, octadecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuorotetradecyl 2-propenoate	11/20	ChemSet-2		100		Z
68084628	2-Propenoic acid, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl ester	11/20	ChemSet-2		100		Z
200513424	2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, 2-hydroxyethyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate	11/20	ChemSet-2		100		Z
67584570	2-Propenoic acid, 2-[methyl[(tridecafluoroheptyl)sulfonyl]amino]ethyl ester	11/20	ChemSet-2		100		Z
67584569	2-Propenoic acid, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl ester	11/20	ChemSet-2		100		Z
83048651	Silane, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)trimethoxy-	11/20	ChemSet-2		100		Z

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Emittent ID [Note 1]	Substance Name [Note 2]	Add Date [Note 3]	Effective Phase [Note 23]	Carcinogen [Note 4]	Applicable Degree of Accuracy (lb/yr) [Note 5]	Source List(s) [Note 6]	Other Note(s)
78560448	<u>Silane, trichloro(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-</u>	11/20	<u>ChemSet-2</u>		100		Z
125476713	<u>Silicic acid (H4SiO4), disodium salt, reaction products with chlorotrimethylsilane and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10- heptadecafluoro-1-decanol</u>	11/20	<u>ChemSet-2</u>		100		Z
143372547	<u>Siloxanes and Silicones, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)oxy Me, hydroxy Me, Me octyl, ethers with polyethylene glycol mono-Me ether</u>	11/20	<u>ChemSet-2</u>		100		Z
30381987	<u>Sodium bis-[2-(N-ethylperfluorooctane-1- sulfonamido)ethyl] phosphate</u>	11/20	<u>ChemSet-2</u>		100		Z
2624808	<u>Sodium 2-(N-ethylperfluorooctane-1- sulfonamido)ethyl phosphate</u>	11/20	<u>ChemSet-2</u>		100		Z
335955	<u>Sodium perfluorooctanoate</u>	11/20	<u>ChemSet-2</u>		100		Z
180582790	<u>Sulfonic acids, C6-12-alkane, gamma-omega-perfluoro, ammonium salts</u>	11/20	<u>ChemSet-2</u>		100		Z
4151502	<u>N-Ethyl perfluorooctane sulfonamid (EiFOSA) (MeFOSAm) (Sulfuramid)</u>	11/20	<u>ChemSet-2</u>		100		Z
68758576	<u>1-Tetradecanesulfonyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuoro-</u>	11/20	<u>ChemSet-2</u>		100		Z
56773423	<u>Tetraethylammonium perfluorooctylsulfonate</u>	11/20	<u>ChemSet-2</u>		100		Z
13252136	<u>2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid</u>	11/20	<u>ChemSet-2</u>		100		Z
29311679	<u>1,1,2,2-Tetrafluoro-2-((1,1,1,2,3,3-hexafluoro-3-(trifluorovinyl)oxy)-2-propanyl)oxy)ethane sulfonic acid</u>	11/20	<u>ChemSet-2</u>		100		Z
34362497	<u>1,1,2,2-Tetrahydroperfluorohexadecyl acrylate</u>	11/20	<u>ChemSet-2</u>		100		Z
34395249	<u>1,1,2,2-Tetrahydroperfluorotetradecyl acrylate</u>	11/20	<u>ChemSet-2</u>		100		Z
1652637	<u>N,N,N-Trimethyl-3-(perfluorooctylsulfonamido)propan-1-aminium iodide</u>	11/20	<u>ChemSet-2</u>		100		Z
97553952	<u>Thiocyanic acid, gamma-omega-perfluoro-C4-20-alkyl esters</u>	11/20	<u>ChemSet-2</u>		100		Z
68140181	<u>Thiols, C4-10, gamma-omega-perfluoro</u>	11/20	<u>ChemSet-2</u>		100		Z
1078712885	<u>Thiols, C4-20, gamma-omega-perfluoro, telomers with acrylamide and acrylic acid, sodium salts</u>	11/20	<u>ChemSet-2</u>		100		Z
68140205	<u>Thiols, C6-12, gamma-omega-perfluoro</u>	11/20	<u>ChemSet-2</u>		100		Z
70969470	<u>Thiols, C8-20, alpha-gamma-perfluoro, telomers with acrylamide</u>	11/20	<u>ChemSet-2</u>		100		Z
68140216	<u>Thiols, C10-20, gamma-omega-perfluoro</u>	11/20	<u>ChemSet-2</u>		100		Z [19]
52645531	<u>Permethrin</u>	11/20	<u>ChemSet-2</u>		100		Z
4707715	<u>9-Phenanthrenecarboxaldehyde [PAH-Derivative/Related, POM]</u>	11/20	<u>ChemSet-2</u>		100		Z
156434	<u>p-Phenetidine</u>	11/20	<u>ChemSet-2</u>		100		Z
108952	<u>Phenol</u>		<u>e</u>		200	1 2	
108452	<u>meta-Phenylenediamine</u>	11/20	<u>ChemSet-2</u>		50		Z [19]
95545	<u>o-Phenylenediamine and its salts</u>	11/20	<u>ChemSet-2</u>	c	50	3 4	[19]
615281	<u>o-Phenylenediamine dihydrochloride</u>	11/20	<u>ChemSet-2</u>	c	50	3 4	
106503	<u>p-Phenylenediamine</u>	06/91	<u>e</u>		100	1 2	
8004135	<u>Phenyl ether-biphenyl mixture (vapor)</u>	11/20	<u>ChemSet-2</u>		100		Z
100630	<u>Phenylhydrazine and its salts</u>	11/20	<u>ChemSet-2</u>	c	50	4	
59881	<u>Phenylhydrazine hydrochloride</u>	11/20	<u>ChemSet-2</u>		100	4	
90437	<u>2-Phenylphenol [POM]</u>	06/91	<u>e</u>		100	1 2	[19]
298022	<u>Phorate</u>	11/20	<u>ChemSet-2</u>		20		Z
75445	<u>Phosgene</u>		<u>e</u>		2	1 2	[19]
732116	<u>Phosmet</u>	11/20	<u>ChemSet-2</u>		100		Z [19]
--	<u>Phosphine generating compounds</u>	11/20	<u>ChemSet-1</u>		100		Z [7] [19]
20859738	<u>Aluminum Phosphide</u>	11/20	<u>ChemSet-1</u>		100		Z [19]
2168685	<u>Bis(1-aziridinyl)morpholinophosphine sulfide</u>	11/20	<u>ChemSet-2</u>		100		Z [7] [19]
22398807	<u>Indium phosphide (see Indium and compounds)</u>	11/20	<u>(see cross-ref)</u>	c	50	3 4	[7] [19]

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12057748	<u>Magnesium Phosphide</u>	11/20	ChemSet-1		100	Z	[19]
638211	<u>Phenylphosphine</u>	11/20	ChemSet-1		50	4	[19]
57396	<u>Tris(2-methyl-1-aziridinyl)phosphine oxide</u>	11/20	ChemSet-1		100	Z	[7] [19]
1314847	<u>Zinc Phosphide</u>	11/20	ChemSet-1		100	Z	[19]
51810709	<u>Zinc Phosphide (alt. CAS No. 1., see CAS 1314847)</u>	11/20	(see cross-ref)		100	Z	[19]
12037795	<u>Zinc Phosphide (alt. CAS No. 2., see CAS 1314847)</u>	11/20	(see cross-ref)		100	Z	
7723140	Phosphorus		e		0.1	1 2	
	-- Phosphorus compounds:	09/89	e			2	
7803512	Phosphine		e		0.01	1 2	7
7664382	Phosphoric acid	09/89	e		50	1 2	
10025873	Phosphorus oxychloride	09/89	e		0.1	2	
10026138	Phosphorus pentachloride	09/89	e		0.1	2	
1314563	Phosphorus pentoxide	09/89	e		0.1	2	
7719122	Phosphorus trichloride	09/89	e		0.1	2	[20]
126738	Tributyl phosphate	09/89	e		100	2	
78400	Triethyl phosphineate	09/89	e		100	2	
512561	Trimethyl phosphate	09/89	e	c	400 50	2 4	
78308	Triorthocresyl phosphate [POM]	09/89	e		0.5	1 2	
115866	Triphenyl phosphate [POM]	09/89	e		100	1 2	
101020	Triphenyl phosphite [POM]	09/89	e		100	1 2	
	-- Phthalates, ortho-Phthalates including:	11/20	-		100		
85687	<u>Butyl benzyl phthalate (BBP) (BzBP)</u>	06/91	e		100	1 3 4	
84742	<u>Dibutyl phthalate (Di-n-butyl phthalate) (DBP) (DnBP)</u>	06/91	e		100	1 2 4	
84617	<u>Dicyclohexyl phthalate (DCHP)</u>	11/20	ChemSet-2		100		Z
117817	<u>Di(2-ethylhexyl) phthalate (DEHP)</u>		e	c	20	1 2 3 4 5	
84662	<u>Diethyl phthalate</u>	06/91	e		100		Z
84753	<u>Di-n-hexyl phthalate (DnHP)</u>	11/20	ChemSet-1		100	4	
84695	<u>Di-isobutyl phthalate (DIBP)</u>	11/20	ChemSet-1		100		Z
26761400	<u>Di-isodecyl phthalate</u>	11/20	ChemSet-1		100	4 5	
68515491	<u>Di-isodecyl phthalate, C9-11 branched esters, C10 rich</u>	11/20	ChemSet-1		100	4 5	
89167	<u>Di-isodecyl phthalate mixture (Bis(8-methylnonyl) phthalate)</u>	11/20	ChemSet-1		100	4 5	
119394455	<u>Di-isodecyl phthalate mixture (1,2-Benzenedicarboxylic acid, 4,4'-carbonylbis-, 1,1',2,2'-tetraisodecyl ester)</u>	11/20	ChemSet-1		100	4 5	
71888896	<u>Di-isoheptyl phthalate (DIHP)</u>	11/20	ChemSet-2		100		Z
146509	<u>Di-isohexyl phthalate (DHP)</u>	11/20	ChemSet-2		100		Z
28553120	<u>Di-isononyl phthalate (DINP)</u>	11/20	ChemSet-1	c	20	4	
68515480	<u>Di-isononyl phthalate (DINP), C8-10 branched esters, C9 rich (alt. CAS, see CAS 28553120)</u>	11/20	(see cross-ref)	c	20	4	
131113	<u>Dimethyl phthalate (DMP)</u>	06/91	e		50	1 2	
131180	<u>Di-n-pentyl phthalate</u>	11/20	ChemSet-2		100		Z
53306540	<u>Di(2-propylheptyl) phthalate (DPHP)</u>	11/20	ChemSet-2		100		Z
88993	<u>Phthalic acid</u>	11/20	ChemSet-2		0.01		Z
85449	Phthalic anhydride		e		0.01	1 2	
85416	Phthalimide	11/20	ChemSet-2		100		Z
91156	<u>Phthalonitrile (1,2-Benzenedicarbonitrile)</u>	11/20	ChemSet-2		100		Z

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108996	<u>beta-Picoline</u>	11/20	<u>ChemSet-2</u>		100		Z
51036	<u>Piperonyl butoxide</u>	11/20	<u>ChemSet-2</u>		100		Z [7]
7440064	<u>Platinum and compounds</u>	11/20	<u>ChemSet-1</u>		100		Z
2222	Polybrominated diphenyl ethers {PBDEs}, including but not limited to:	11/06	e		1		7
1163195	Decabromodiphenyl oxide <u>{BDE 209}</u> [POM]	06/91	e		1	1 2	
--	Polychlorinated dibenzo-p-dioxins {PCDDs or Dioxins} [POM] including but not limited to:		e	c		1 2	
1086	Dioxins, total, w/o individ. isomers reported {PCDDs} [POM]		e	c	0.000001	1 2	
1085	Dioxins, total, with individ. isomers also reported {PCDDs} [POM]		e	c	0.000001	1 2	
1746016	2,3,7,8-Tetrachlorodibenzo-p-dioxin {TCDD} [POM]		e	c	0.000001	1 2 3 4 5	
40321764	1,2,3,7,8-Pentachlorodibenzo-p-dioxin [POM]		e	c	0.000001	1 2	
39227286	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin [POM]		e	c	0.000001	1 2 4	
57653857	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin [POM]		e	c	0.000001	1 2	
19408743	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin [POM]		e	c	0.000001	1 2	
35822469	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin [POM]		e	c	0.000001	1 2	
3268879	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin [POM]	07/96	e	c	0.000001	1 2	
41903575	Total Tetrachlorodibenzo-p-dioxin [POM]	07/96	e	c	0.000001	1 2	
36088229	Total Pentachlorodibenzo-p-dioxin [POM]	07/96	e	c	0.000001	1 2	
34465468	Total Hexachlorodibenzo-p-dioxin [POM]	07/96	e	c	0.000001	1 2	
37871004	Total Heptachlorodibenzo-p-dioxin [POM]	07/96	e	c	0.000001	1 2	
--	Polychlorinated dibenzofurans {PCDFs or Dibenzofurans} [POM] including but not limited to:		e	c		1 2	
1080	Dibenzofurans (Polychlorinated dibenzofurans) {PCDFs} [POM]		e	c	0.000001	1 2	
51207319	2,3,7,8-Tetrachlorodibenzofuran [POM]		e	c	0.000001	1 2	
57117416	1,2,3,7,8-Pentachlorodibenzofuran [POM]		e	c	0.000001	1 2	
57117314	2,3,4,7,8-Pentachlorodibenzofuran [POM]		e	c	0.000001	1 2 3	
70648269	1,2,3,4,7,8-Hexachlorodibenzofuran [POM]		e	c	0.000001	1 2	
57117449	1,2,3,6,7,8-Hexachlorodibenzofuran [POM]		e	c	0.000001	1 2	
72918219	1,2,3,7,8,9-Hexachlorodibenzofuran [POM]		e	c	0.000001	1 2	
60851345	2,3,4,6,7,8-Hexachlorodibenzofuran [POM]		e	c	0.000001	1 2	
67562394	1,2,3,4,6,7,8-Heptachlorodibenzofuran [POM]		e	c	0.000001	1 2	
55673897	1,2,3,4,7,8,9-Heptachlorodibenzofuran [POM]		e	c	0.000001	1 2	
39001020	1,2,3,4,6,7,8,9-Octachlorodibenzofuran [POM]	07/96	e	c	0.000001	1 2	
55722275	Total Tetrachlorodibenzofuran [POM]	07/96	e	c	0.000001	1 2	
30402154	Total Pentachlorodibenzofuran [POM]	07/96	e	c	0.000001	1 2	
55684941	Total Hexachlorodibenzofuran [POM]	07/96	e	c	0.000001	1 2	
38998753	Total Heptachlorodibenzofuran [POM]	07/96	e	c	0.000001	1 2	
61788338	<u>Polychlorinated terphenyls {PCTs}</u>	11/20	<u>ChemSet-2</u>		100		Z [15]
#	POM (Polycyclic organic matter) (including but not limited to those substances listed in Appendix A with the bracketed designation of [POM], [PAH, POM], or [PAH-Derivative, POM])	09/89	e			1 2	[19]
61790441	<u>Potash soap</u>	11/20	<u>ChemSet-2</u>		100		Z [19]
128030	<u>Potassium dimethyldithiocarbamate</u>	11/20	<u>ChemSet-2</u>		100	4	[19]
13492267	<u>Potassium phosphite</u>	11/20	<u>ChemSet-2</u>		100		Z [19]
32809168	<u>Procymidone</u>	11/20	<u>ChemSet-2</u>	c	50	4	
80057	<u>4,4'-(Propane-2,2-diyl)diphenol (see Bisphenol A)</u>	11/20	(see cross-ref)		100	1 2 6	
107039	<u>1-Propanethiol</u>	11/20	<u>ChemSet-2</u>		100		Z

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Emittent ID [Note 1]	Substance Name [Note 2]	Add Date [Note 3]	Effective Phase [Note 23]	Carcinogen [Note 4]	Applicable Degree of Accuracy (lb/yr) [Note 5]	Source List(s) [Note 6]	Other Note(s)
1120714	1,3-Propane sultone		e	c	0.05	1 2 3 4 5	[19]
709988	Propanil	11/20	ChemSet-2		100	Z	[19]
2312358	Propargite	11/20	ChemSet-2	c	50	4	
107197	Propargyl alcohol	11/20	ChemSet-2		100	Z	
57578	beta-Propiolactone		e	c	10	1 2 3 4 5	
123386	Propionaldehyde	06/91	e		200	1 2	
107120	Propionitrile	11/20	ChemSet-2		100	Z	
114261	Propoxur (Baygon)	06/91	e	c	400 50	1 2 4	
71238	n-Propyl alcohol	11/20	ChemSet-2		100	Z	
106945	n-Propyl Bromide (1-Bromopropane)	11/20	ChemSet-1	c	50	3 4 5 6	[19]
627123	n-Propyl carbamate	11/20	ChemSet-2		100	Z	
115071	Propylene		e		200	1 2	
6423434	Propylene glycol dinitrate	11/20	ChemSet-2		100	Z	
75569	Propylene oxide		e	c	10	1 2 3 4 5	
	- 1,2-Propyleneimine (see 2-Methylaziridine)		e				[19]
23950585	Propyzamide	11/20	ChemSet-2		100	Z	[19]
123312890	Pymetrozine	11/20	ChemSet-2	c	50	4	
110861	Pyridine	06/91	e	c	400 50	3 4 7	
91225	Quinoline	06/91	e	c	400 50	1 2 3 4	
106514	Quinone	06/91	e		100	1 2	[16]
	1165 Radionuclides including but not limited to:		e	c	100	1 2 4	
24267569	10043660 Iodine-131	09/89	e	c	100	1 2 3 4	
	1166 Radon and its decay products	09/89	e	c	100	1 4	
50555	Reserpine [POM]		e	c	100	1 2 4 5	
	# Residual (heavy) fuel oils	06/91	e	c			[19]
10453868	Resmethrin	11/20	ChemSet-2	c	50	4	
483658	Retene [Methyl-PAH, POM] (see PAH, Methyl-PAH)	11/20	(see cross-ref)		0.5	Z	[7]
7440166	Rhodium and compounds	11/20	ChemSet-1		50	Z	
36791045	Ribavirin	09/90	ChemSet-2		100	4 6	[7]
7440188	Ruthenium and compounds	11/20	ChemSet-1		100	Z	[19]
874967676	Sedaxane	11/20	ChemSet-2	c	0.1	4	
7782492	Selenium		e		0.5	2	[7]
	* Selenium compounds including but not limited to:		e		0.5	1 2	
7783075	Hydrogen selenide	11/06	e		0.1	7	[7]
7446346	Selenium sulfide	09/90	e	c	0.1	2 4 5	
7783791	Selenium hexafluoride	11/20	ExistGrp		100	Z	
1180	Shale oils	11/20	e	c	50	3 4	
68308349	Shale oils	11/20	e	c	50	3 4	
	1175 Silica, crystalline (respirable), in the form of quartz or cristobalite		e	c	0.1	1 3 4	
14464461	Silica, crystalline (respirable), in the form of cristobalite	11/20	ChemSet-1	c	0.1	1 3 4	
14808607	Silica, crystalline (respirable), in the form of quartz	11/20	ChemSet-1	c	0.1	1 3 4	
409212	Silicon carbide whiskers	11/20	ChemSet-2	c	50	3	
308076746	Silicon carbide, fibrous	11/20	ChemSet-2	c	50	3	

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7440224	Silver	06/91	e		2	7	[7]
	* Silver compounds	06/91	e		2	1	[19]
122349	Simazine	11/20	ChemSet-2		10	4	
26628228	Sodium azide	11/20	ChemSet-2		0.1		Z
7758192	Sodium chlorite	11/20	ChemSet-2		100		Z
922805	Sodium diamyl sulfosuccinate	11/20	ChemSet-2		100		Z
128041	Sodium dimethyldithiocarbamate	11/20	ChemSet-2		100	4	
1310732	Sodium hydroxide		e		2	1 2	
124414	Sodium methoxide	11/20	ChemSet-2		100		Z [19]
7345699	Sodium tetrathiocarbamate	11/20	ChemSet-2		100		Z
	1186 Special-purpose fibres such as E-glass and '475' glass fibres	11/20	ChemSet-2	c	50	3	[19]
148477718	Spirodiclofen	11/20	ChemSet-2	c	50	4	[19]
78488	S,S,S-Tributyl phosphorotrithioate {Tribufos}	11/20	ChemSet-2	c	2	4	
7803523	Stibine {Antimony hydride} (see Antimony Compounds)	11/20	(see cross-ref)		1	1 2 3 4	Z
9003547	Styrene-acrylonitrile copolymers (must report the individual monomer components)	11/20	ChemSet-1		10		Z
9003558	Styrene-butadiene copolymers (must report the individual monomer components)	11/20	ChemSet-1		10		Z
100425	Styrene		e	c	400 10	1 2 3 4	6
98839	Styrene: Methylstyrene {alpha-Methylstyrene}	11/20	ChemSet-1	c	10	3 4	
96093	Styrene oxide		e	c	400 10	1 2 3 4	
9014011	Subtilisins	11/20	ChemSet-2		0.1		Z
1395217	Subtilisins (alt. CAS. see CAS 9014011)	11/20	(see cross-ref)		0.1		Z
108305	Succinic anhydride	11/20	ChemSet-2		100		Z
57681	Sulfamethazine	11/20	ChemSet-2		100		Z
41481667	4,4'-Sulfonylbis[2-(2-propen-1-yl)phenol] {TGSA}	11/20	ChemSet-2		100		Z [19]
7704349	Sulfur	11/20	ChemSet-2		100		Z [19]
7446095	Sulfur dioxide	11/20	ChemSet-1		100		Z
	* Sulfuric acid and oleum		e				
8014957	Oleum	11/06	e		100		7
7446719	Sulfur trioxide	11/06	e		100		7
7664939	Sulfuric acid	06/91	e		2	1	
5714227	Sulfur pentafluoride	11/20	ChemSet-2		0.01		Z
7783600	Sulfur tetrafluoride	11/20	ChemSet-2		0.01		Z [19]
2699798	Sulfuryl fluoride	11/20	ChemSet-1		10		Z
54965241	Tamoxifen citrate [POM]	09/90	e	c	50	1 2 3 4 5	
100210	Terephthalic acid	06/91	e		100	1	
7783804	Tellurium hexafluoride	11/20	ChemSet-2		100		Z [19]
2593159	Terrazole	11/20	ChemSet-2	c	50	4	
79947	Tetrabromobisphenol A (TBBPA) (see Brominated and Chlorinated Organic Compounds Used as Flame Retardants)	11/20	(see cross-ref)	c	50	3 4	
79276	1,1,2,2-Tetrabromoethane	11/20	ChemSet-2		100		Z
632791	Tetrabromophthalic anhydride	11/20	ChemSet-2		100		Z
14047097	3,3',4,4'-Tetrachloroazobenzene	11/20	ChemSet-2	c	50	3	

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634662	<u>1,2,3,4-Tetrachlorobenzene (see Chlorobenzenes)</u>	11/20	<u>(see cross-ref)</u>		100		Z
95943	<u>1,2,4,5-Tetrachlorobenzene (see Chlorobenzenes)</u>	11/20	<u>(see cross-ref)</u>		10		Z
12408105	<u>Tetrachlorobenzene (mixed isomers) (see Chlorobenzenes)</u>	11/20	<u>(see cross-ref)</u>		100		Z
15721025	<u>2,2',5,5'-Tetrachlorobenzidine</u>	11/20	<u>ChemSet-1</u>		0.0001		Z
630206	<u>1,1,1,2-Tetrachloroethane</u>	11/20	<u>ChemSet-1</u>	c	50	3 4	
79345	<u>1,1,2,2-Tetrachloroethane</u>	09/90	<u>e</u>	c	1	1 2 3 4	
	<u>- Tetrachlorophenols (see Chlorophenols)</u>		<u>e</u>				
117088	<u>Tetrachlorophthalic-anhydride</u>	11/20	<u>ChemSet-2</u>		20		Z
112607	<u>Tetraethylene glycol</u>	11/20	<u>ChemSet-2</u>		100		Z [7]
78002	<u>Tetraethyllead (see Lead (other than inorganic): Tetraethyllead)</u>	11/20	<u>(see cross-ref)</u>		50		Z
116143	<u>Tetrafluoroethylene</u>	11/20	<u>ChemSet-2</u>	c	50	3 4 5	
100505	<u>Tetrahydrobenzaldehyde</u>	11/20	<u>ChemSet-2</u>		100		Z
1191	<u>Δ9-Tetrahydrocannabinol (Δ9-THC)</u>	11/20	<u>ChemSet-2</u>		100	4	
109999	<u>Tetrahydrofuran</u>	11/20	<u>ChemSet-2</u>	c	50	3	Z
119642	<u>1,2,3,4-Tetrahydronaphthalene (Tetralin)</u>	11/20	<u>ChemSet-2</u>		100		Z
85438	<u>Tetrahydrophthalic anhydride</u>	11/20	<u>ChemSet-2</u>		100		Z
1192	<u>Tetrakis(hydroxymethyl)phosphonium salts including but not limited to:</u>	11/20	<u>ChemSet-2</u>		100		Z
124641	<u>Tetrakis(hydroxymethyl)phosphonium chloride</u>	11/20	<u>ChemSet-2</u>		100		Z [19]
55566308	<u>Tetrakis(hydroxymethyl)phosphonium sulfate</u>	11/20	<u>ChemSet-2</u>		100		Z
110601	<u>Tetramethylene-diamine</u>	11/20	<u>ChemSet-2</u>		100		Z
110189	<u>Tetramethylethylenediamine</u>	11/20	<u>ChemSet-2</u>		100		Z
3333526	<u>Tetramethyl succinonitrile</u>	11/20	<u>ChemSet-2</u>		100		Z
7440280	<u>Thallium</u>	06/91	<u>e</u>		100		7 [7]
	<u>* Thallium compounds</u>	06/91	<u>e</u>	c	100		7 [19]
148798	<u>Thiabendazole (TBZ)</u>	11/20	<u>ChemSet-2</u>		100		Z
62555	<u>Thioacetamide</u>		<u>e</u>	c	0.01	3 4 5	
96695	<u>4,4'-Thiobis(6-tert-butyl-m-cresol)</u>	11/20	<u>ChemSet-2</u>		100		Z
68111	<u>Thioglycolic acid and salts</u>	11/20	<u>ChemSet-2</u>		100		Z
7719097	<u>Thionyl chloride</u>	11/20	<u>ChemSet-2</u>		0.1		Z [19]
23564058	<u>Thiophanate methyl</u>	11/20	<u>ChemSet-2</u>		1	4	
62566	<u>Thiourea</u>		<u>e</u>	c	0.1	1 3 4 5	[19]
137268	<u>Thiram</u>	11/20	<u>ChemSet-2</u>		1		Z
7440291	<u>Thorium-232 and its decay products</u>	11/20	<u>ChemSet-2</u>	c	50	3	[7]
7440315	<u>Tin</u>	11/20	<u>ChemSet-2</u>		100		Z [7]
	<u>* Tin compounds including but not limited to:</u>	11/20	<u>ChemSet-2</u>		100		Z [7]
50926119	<u>Indium tin oxide (see Indium and compounds)</u>	11/20	<u>(see cross-ref)</u>	c	50	3	[7]
1332292	<u>Tin Oxide</u>	11/20	<u>ChemSet-2</u>		100		Z [7]
13463677	<u>Titanium dioxide</u>	11/20	<u>ChemSet-2</u>	c	50	3 4 6	
7550450	<u>Titanium tetrachloride</u>	06/91	<u>e</u>		100	1 2	
108883	<u>Toluene</u>		<u>e</u>		200	1 2 4 6	
	<u>- 2,4-Toluenediamine (see 2,4-Diaminotoluene)</u>		<u>e</u>				
26471625	<u>Toluene diisocyanates including but not limited to:</u>	06/91	<u>e</u>	c	0.1	1 3 4	
584849	<u>Toluene-2,4-diisocyanate</u>		<u>e</u>	c	0.1	1 2 3 4 5	

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						1	2	3	4	5	
91087	Toluene-2,6-diisocyanate		e	c	0.1	1	2	3	4	5	
104154	<u>Toluene sulfonic acids</u>	11/20	<u>ChemSet-2</u>		100						Z
108441	<u>m-Toluidine</u>	11/20	<u>ChemSet-2</u>		100						Z
95534	o-Toluidine		e	c	10	1	2	3	4	5	
8001352	Toxaphene (Polychlorinated camphenes)		e	c	100	1	2	3	4	5	[19]
43121433	<u>Triadimefon</u>	11/20	<u>ChemSet-2</u>		100				4		
118796	<u>2,4,6-Tribromophenol (see Brominated and Chlorinated Organic Compounds used as Flame Retardants)</u>	11/20	(see cross-ref)		100						Z [19]
78488	<u>Tribufos (see S,S,S-Tributyl phosphorotrithioate)</u>	11/20	(see cross-ref)	c	2				4		[20]
126738	<u>Tributyl phosphate (see Phosphorus compounds: Tributyl phosphate)</u>	11/20	e		100	2					[7]
2155706	<u>Tributyltin methacrylate</u>	11/20	<u>ChemSet-2</u>		100				4		
76039	<u>Trichloroacetic acid</u>	11/20	<u>ChemSet-2</u>	c	50			3	4		
634935	<u>2,4,6-Trichloroaniline</u>	11/20	<u>ChemSet-2</u>		5						Z
87616	<u>1,2,3-Trichlorobenzene (see Chlorobenzenes)</u>	11/20	(see cross-ref)		100						Z
	- 1,1,1-Trichloroethane (see Methyl chloroform)		e								
79005	1,1,2-Trichloroethane (Vinyl trichloride)	06/91	e	c	1	1	2		4		
79016	Trichloroethylene (TCE)		e	c	20	1	2	3	4		
	- 2,4,6-Trichlorophenol (see Chlorophenols)		e								[19]
136323	<u>2,4,5-Trichlorophenol sodium salt (see Chlorophenols)</u>	11/20	(see cross-ref)		100						Z
96184	1,2,3-Trichloropropane	07/96	e	c	200			3	4		7
101202	<u>Triclocarban</u>	11/20	<u>ChemSet-2</u>		100						Z
3380345	<u>Triclosan (see Chlorophenols)</u>	11/20	(see cross-ref)		100						Z
38260014	<u>Trientine hydrochloride</u>	11/20	<u>ChemSet-2</u>		100				4		
121448	Triethylamine	06/91	e		20	1	2				
112243	<u>Triethylenetetramine</u>	11/20	<u>ChemSet-2</u>		100					6	[19]
14151721	<u>Trifloxystrobin</u>	11/20	<u>ChemSet-2</u>		100						Z
1582098	Trifluralin	06/91	e		100	1	2				
552307	<u>Trimellitic anhydride</u>	11/20	<u>ChemSet-2</u>		0.1						Z
75503	<u>Trimethylamine</u>	11/20	<u>ChemSet-2</u>		100						Z
88051	<u>2,4,6-Trimethylaniline</u>	11/20	<u>ChemSet-2</u>		100						Z
137177	<u>2,4,5-Trimethylaniline and its strong acid salts</u>	11/20	<u>ChemSet-1</u>	c	50				4		
25551137	Trimethylbenzenes including but not limited to:	11/06	e		400 10	1					
526738	<u>1,2,3-Trimethylbenzene</u>	11/20	<u>ChemSet-1</u>		10						Z
95636	1,2,4-Trimethylbenzene	06/91	e		5	1					
108678	<u>1,3,5-Trimethylbenzene</u>	11/20	<u>ChemSet-1</u>		10					6	
2245387	<u>2,3,5-Trimethylnaphthalene {1,6,7-Trimethylnaphthalene} [Methyl-PAH, POM] (see PAH, Methyl-PAH)</u>	11/20	(see cross-ref)		0.5						Z
15625895	<u>Trimethylolpropane triacrylate, technical grade</u>	11/20	<u>ChemSet-2</u>	c	50				3		
540841	2,2,4-Trimethylpentane	06/91	e		100	1	2				
121459	<u>Trimethyl phosphite</u>	11/20	<u>ChemSet-2</u>		100						Z
1207	<u>TRIM VX</u>	11/20	<u>ChemSet-2</u>	c	50				4		
118967	<u>2,4,6-Trinitrotoluene (see Nitrotoluenes)</u>	11/20	(see cross-ref)	c	0.5				4		[19]
545551	<u>Tris(1-aziridinyl)phosphine oxide</u>	11/20	<u>ChemSet-2</u>		100						Z
115968	<u>Tris(2-chloroethyl) phosphate (TCEP) (see also Brominated and Chlorinated Organic Compounds used as Flame Retardants and Organophosphate Flame Retardants)</u>	11/20	(see cross-ref)	c	50				4		

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38571732	1,2,3-Tris(chloromethoxy)propane	11/20	ChemSet-2		50	Z	[21]
13674845	Tris(1-chloro-2-propyl)phosphate (TCPP) (see Brominated and Chlorinated Organic Compounds Used as Flame Retardants and Organophosphate Flame Retardants)	11/20	(see cross-ref)		100	Z	
13674878	Tris(1,3-dichloro-2-propyl) phosphate (TCDP) (TDCPP) (see Brominated and Chlorinated Organic Compounds Used as Flame Retardants and Organophosphate Flame Retardants)	11/20	(see cross-ref)	c	10	4	[7]
7440611	Uranium and compounds	11/20	ChemSet-1		100	Z	
9011056	Urea-formaldehyde (UF)	11/20	ChemSet-1		100	6	
51796	Urethane (Ethyl carbamate)		e	c	0.1	1 2 3 4 5	[17]
7440622	Vanadium (fume or dust)	06/91	e		10	7	
1314621	Vanadium pentoxide	11/06	e	c	10	2 3 4	[19]
50471448	Vinclozolin	11/20	ChemSet-2	c	50	4	
108054	Vinyl acetate	06/91	e	c	200 50	1 2 3	
593602	Vinyl bromide		e	c	20	1 2 3 4	
75014	Vinyl chloride		e	c	0.5	1 2 3 4 5	
9003229	Vinyl chloride-vinyl acetate copolymers (must report the individual monomer components)	11/20	ExistGrp		100		Z
100403	4-Vinylcyclohexene	07/96	e	c	5	3 4	
75025	Vinyl fluoride	07/96	e	c	200	3 4	
75354	Vinylidene chloride		e	c	20	1 2 3 4	
9011067	Vinylidene chloride-vinyl chloride copolymers (must report the individual monomer components)	11/20	ExistGrp		100		Z
106876	Vinyl cyclohexene dioxide (4-Vinyl-1-cyclohexene diepoxide)	09/90	e	c	50	3 4	
88120	N-Vinyl-2-pyrrolidone	11/20	ChemSet-2		100		Z
25013154	Vinyl toluene	11/20	ChemSet-2		100		Z
13983170	Wollastonite (Calcium silicate naturally occurring as Wollastonite)	11/20	ChemSet-2		100		Z
1206	Wood preservatives (containing arsenic and chromate)	09/89	e		100	6	
90471	Xanthone (PAH-Derivative/Related, POM)	11/20	ChemSet-2		100		Z
1330207	Xylenes (mixed) including:		e		200	1 2	6
108383	m-Xylene	06/91	e		200	1 2	
95476	o-Xylene	06/91	e		200	1 2	
106423	p-Xylene	06/91	e		200	1 2	
1300738	Xylidine	11/20	ChemSet-2		100		Z
95681	2,4-Xylidine	11/20	ChemSet-2		100		Z
95783	2,5-Xylidine	11/20	ChemSet-2		100		Z
7440655	Yttrium and compounds	11/20	ChemSet-2		100		Z
315184	Zectran (Mexacarbate)	11/20	ChemSet-2		100		Z
7440666	Zinc		e		2	2	[7]
	* Zinc compounds including but not limited to:	09/89	e		2	1 2	[7]
1314132	Zinc oxide		e		2	2	[19]
137304	Ziram	11/20	ChemSet-2		50		Z
	[22] And the following functional groups:		-				[22]
	[22] ISOCYANATE RELATED: Any chemical containing the Isocyanate functional group	11/20	-			Z	[22]

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[22]	<u>Any chemical containing a single Isocyanate functional group</u>	<u>11/20</u>	<u>ChemSet-2</u>	-	<u>1</u>	<u>I</u>	<u>[22]</u>
[22]	<u>Any chemical containing two or more Isocyanate functional groups</u>	<u>11/20</u>	<u>ChemSet-1</u>	-	<u>0.1</u>	<u>I</u>	<u>[22]</u>
[22]	<u>PAH RELATED: Derivatives and substituted versions of polycyclic aromatic compounds that contain any halogen atom (chlorine, bromine, fluorine, or iodine)</u>	<u>11/20</u>	<u>ChemSet-2</u>	-	<u>0.5</u>	<u>I</u>	<u>[22]</u>
[22]	<u>PFAS RELATED: Substances containing any of the following functional groups of poly- and per-fluorinated chemicals</u>	<u>11/20</u>	<u>-</u>	-		<u>I</u>	<u>[22]</u>
[22]	<u>Perfluoroalkyl carbonyl, carboxylic acid, and alcohol compounds</u>	<u>11/20</u>	<u>ChemSet-2</u>		<u>100</u>	<u>I</u>	<u>[22]</u>
[22]	<u>Perfluoroalkyl sulfonyl, sulfonic acid, sulfonate and sulfonamide compounds</u>	<u>11/20</u>	<u>ChemSet-2</u>		<u>100</u>	<u>I</u>	<u>[22]</u>
[22]	<u>Perfluoroalkyl phosphate compounds</u>	<u>11/20</u>	<u>ChemSet-2</u>		<u>100</u>	<u>I</u>	<u>[22]</u>
[22]	<u>Fluorotelomer-related compounds</u>	<u>11/20</u>	<u>ChemSet-1</u>		<u>100</u>	<u>I</u>	<u>[22]</u>
[22]	<u>Per- and polyfluoroalkyl ether-based compounds</u>	<u>11/20</u>	<u>ChemSet-2</u>		<u>100</u>	<u>I</u>	<u>[22]</u>
[22]	<u>Other PFAA precursors and related compounds - perfluoroalkyl ones</u>	<u>11/20</u>	<u>ChemSet-2</u>		<u>100</u>	<u>I</u>	<u>[22]</u>
[22]	<u>Other PFAA precursors or related compounds - semifluorinated</u>	<u>11/20</u>	<u>ChemSet-2</u>		<u>100</u>	<u>I</u>	<u>[22]</u>
[22]	<u>Fluoropolymers</u>	<u>11/20</u>	<u>ChemSet-2</u>		<u>100</u>	<u>I</u>	<u>[22]</u>

APPENDIX A-II

SUBSTANCES FOR WHICH PRODUCTION,
USE, OR OTHER PRESENCE MUST BE
REPORTED

**Appendix A-II
Substances for Which Production, Use, or Other Presence Must Be Reported**

Emittent ID [Note 1]	Substance Name [Note 2]	Add Date [Note 3]	Carcinogen [Note 4]	Source List(s) [Note 6]	Other Note(s)
26148685	A-alpha-C {2-Amino-9H-pyrido[2,3-b]indole}	09/89	c	3 4	[18]
34256821	Acetochlor	09/89	c	4	
62476599	Acifluorfen [POM]	09/90	c	1 2 4	
3688537	AF-2		c	3 4	
1402682 4000	Aflatoxins		c	3 4 5	
15972608	Alachlor	09/89	c	4	
309002	Aldrin	09/89	c	<u>3</u> 4	
107186	Allyl alcohol	06/91			7
60093	p-Aminoazobenzene {4-Aminoazobenzene} [POM]		c	1 2 3 4	
97563	o-Aminoazotoluene [POM]		c	1 2 3 4 5	
6109973	3-Amino-9-ethylcarbazole hydrochloride [POM]	09/89	c	1 2 4 5	
125848	Aminoglutethimide	09/90		4	
82280	1-Amino-2-methylantraquinone [PAH-Derivative, POM]		c	1 2 4 5	
68006837	2-Amino-3-methyl-9H-pyrido(2,3-b) indole {MeA-alpha-C}	09/89	c	3 4	
712685	2-Amino-5-(5-nitro-2-furyl)-1,3,4-thiadiazole		c	3 4	
134292	o-Anisidine hydrochloride		c	4 5	
104949	p-Anisidine	06/91			7
140578	Aramite		c	3 4	
492808	Auramine [POM]		c	1 2 3 4 5	
446866	Azathioprine		c	1 2 3 4 5	
103333	Azobenzene [POM]	09/90	c	1 2 4	
98873	Benzal chloride	06/91		<u>3</u>	7
55210	Benzamide	06/91			7
1694093	Benzyl violet 4B [POM]		c	1 2 3 4	
1025	Betel quid with tobacco		c	3 4	
494031	N-N-Bis(2-chloroethyl)-2-naphthylamine {Chlornaphazine} [PAH-Derivative, POM]		c	1 2 3 4 5	
108601	Bis(2-chloro-1-methylethyl) ether	06/91			7
1030	Bitumens, extracts of steam-refined and air-refined bitumens		c	3 4	
1035	Bleomycins		c	3	
75274	Bromodichloromethane	09/90	c	<u>3</u> 4	
1689845	Bromoxynil	06/91		4	

**Appendix A-II
Substances for Which Production, Use, or Other Presence Must Be Reported**

Emittent ID [Note 1]	Substance Name [Note 2]	Add Date [Note 3]	Carcinogen [Note 4]	Source List(s) [Note 6]	Other Note(s)
25013165	Butylated hydroxyanisole {BHA}		c	3 4	
<u>128370</u>	<u>Butylated hydroxytoluene {BHT}</u>	<u>11/20</u>			<u>7</u>
123728	Butyraldehyde	06/91			7
3068880	beta-Butyrolactone		c	3 4	
630080	Carbon monoxide	09/89		4	
143500	Chlordecone {Kepone}		c	3 4	
6164983	Chlordimeform	09/89	c	4	
415286	Chloroindole acid	09/89	e	3 4 5	
424484	Chlorodibromomethane	09/90	e	4	
<u>593704</u>	<u>Chlorofluoromethane {Freon 31}</u>	<u>11/20</u>			<u>7</u>
563473	3-Chloro-2-methylpropene	09/89	c	<u>3</u> 4 5	
1065	Chlorophenoxy herbicides		c	3	
4897456	Chlorothalonil	09/89	e	4	
1059	p-Chloro-o-toluidine (strong acid salts)	06/91	c	3 <u>4</u>	
<u>75887</u>	<u>2-Chloro-1,1,1-trifluoroethane {HCFC-133a}</u>	<u>11/20</u>			<u>7</u>
4680788	C. I. Acid Green 3 [POM] Note: "C.I." means "color index"	06/91		1 2	7
<u>6459945</u>	<u>C.I. Acid Red 114</u>	<u>11/20</u>	<u>c</u>	<u>3</u>	
569642	C. I. Basic Green 4 [POM]	06/91		1 2	7
989388	C. I. Basic Red 1 [POM]	06/91		1 2	7
569619	C. I. Basic Red 9 monohydrochloride [POM]	09/89	c	1 2 4 5	
<u>2429745</u>	<u>C.I. Direct Blue 15</u>	<u>11/20</u>	<u>c</u>	<u>3</u>	
2832408	C. I. Disperse Yellow 3 [POM]	06/91	<u>c</u>	1 2 <u>4</u>	7
87296	Cinnamyl anthranilate [POM]	09/89	c	1 2 4 5	
6358538	Citrus Red No. 2 [POM]		c	1 2 3 4	
8007452	Coal tars	09/89	e	3 4 5	
21725462	Cyanazine	09/90		4	
14901087	Cycasin		c	3 4	
<u>108918</u>	<u>Cyclohexylamine</u>	<u>11/20</u>			<u>7</u>
13121705	Cyhexatin	09/89		4 5	
3468631	D and C Orange No. 17 [PAH-Derivative, POM]	09/90	c	1 2 4	
81889	D and C Red No. 19 [POM]	09/90	c	1 2 4	

Appendix A-II
Substances for Which Production, Use, or Other Presence Must Be Reported

Emittent ID [Note 1]	Substance Name [Note 2]	Add Date [Note 3]	Carcinogen [Note 4]	Source List(s) [Note 6]	Other Note(s)
2092560	D and C Red No. 8 [PAH-Derivative, POM]	06/91	c	1 2 4	
5160021	D and C Red No. 9 [PAH-Derivative, POM]	09/90	c	1 2 4	
1596845	Daminozide	09/90	c	4	
50293	DDT (1,1,1-Trichloro-2,2-bis(p-chlorophenyl)ethane) [POM]		e	4 2 3 4 5	
613354	N,N'-Diacetylbenzidine [POM]		c	1 2 3 4	
2303164	Diallate	06/91			7
39156417	2,4-Diaminoanisole sulfate		c	4 5	
101804	4,4'-Diaminodiphenyl ether [POM]		c	1 2 3 4 5	
764410	1,4-Dichloro-2-butene	09/90	e	4	
28434868	3,3'-Dichloro-4,4'-diaminodiphenyl ether [POM]	09/89	c	1 2 3 4	
72548	Dichlorodiphenyldichloroethane {DDD} [POM]	09/89	c	1 2 4	
540590	1,2-Dichloroethylene	06/94			7
78886	2,3-Dichloropropene	06/91			7
60571	Dieldrin	09/89	c	3 4	
1464535	Diepoxybutane		c	3 4 5	
1615801	1,2-Diethylhydrazine		c	3 4	
84662	Diethyl phthalate	06/94			7
101906	Diglycidyl resorcinol ether {DGRE}		c	3 4 5	
94586	Dihydrosafrole		c	3 4	
20325400	3,3'-Dimethoxybenzidine dihydrochloride [POM]	06/91	c	1 2 4	
55738540	trans-2-[(Dimethylamino)methylimino]-5-[2-(5-nitro-2-furyl)vinyl]-1,3,4-oxadiazol		c	3 4	
540738	1,2-Dimethylhydrazine		c	3 4	
105679	2,4-Dimethylphenol {2,4-Xylenol}	06/91			7
513371	Dimethylvinylchloride {DMVC}	09/89	c	4 5	
25154545	Dinitrobenzenes (mixtures of) including:	09/90		4	7
99650	m-Dinitrobenzene	06/91		4	7
528290	o-Dinitrobenzene	06/91		4	7
100254	p-Dinitrobenzene	06/91			7
39300453	Dinocap	09/90		4	
88857	Dinoseb	09/89		4	
117840	n-Dioctyl phthalate	06/91			7

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Substances for Which Production, Use, or Other Presence Must Be Reported**

Emittent ID [Note 1]	Substance Name [Note 2]	Add Date [Note 3]	Carcinogen [Note 4]	Source List(s) [Note 6]	Other Note(s)
2475458	Disperse Blue 1 [PAH-Derivative, POM]	06/91	c	1 2 3 4	
541413	Ethyl chloroformate	06/91			7
62500	Ethyl methanesulfonate		c	3 4	
2164172	Fluometuron	06/91			7
133073	Folpet	09/89	c	4	
3570750	2-(2-Formylhydrazino)-4-(5-nitro-2-furyl)thiazole		c	3 4	
60568050	Furmecyclox	09/90	c	4	
67730114	Glu-P-1 {2-Amino-6-methyl-dipyrido[1,2-a:3',2'-d]imidazole}		c	3 4	
67730103	Glu-P-2 {2-Aminodipyrido[1,2-a:3',2'-d]imidazole}		c	3 4	
765344	Glycidaldehyde		c	3 4	
556525	Glycidol	09/90	c	3 4	
16568028	Gyromitrin {Acetaldehyde methylformylhydrazone}		c	4	
2784943	HC Blue 1	09/89	c	3 4 5	
1024573	Heptachlor epoxide	09/89	c	4	
1335871	Hexachloronaphthalene [PAH-Derivative, POM]	06/91		1 2	7
1122	<u>2,4-Hexadienal (89% trans, trans isomer; 11% cis, trans isomer)</u>	<u>11/20</u>	<u>c</u>	<u>4</u>	
10034932	Hydrazine sulfate		c	4 5	
76180966	IQ {2-Amino-3-methylimidazo[4,5-f]quinoline}		c	3 4	
78842	Isobutyraldehyde	06/91			7
120581	Isosafrole	09/90	c	4	
4759482	Isotretinoin			4	
77501634	Lactofen [POM]	09/89	c	1 2 4	
1131	Lubricant base oils and derived products, specifically vacuum distillates, acid treated oils, aromatic oils, mildly solvent-refined oils, mildly hydrotreated-oils and used engine oils.	09/89	c	3 4 5	
8018017	Mancozeb	09/90	c	4	
12427382	Maneb	09/90	c	4	
59052	Methotrexate	09/89		4	
96333	Methyl acrylate	06/94			7
590965	Methylazoxymethanol	09/90	c	4	
592621	Methylazoxymethanol acetate	09/89	c	3 4	
101611	4,4'-Methylene bis (N,N-dimethyl) benzenamine [POM]		c	1 2 4 5	

Appendix A-II
Substances for Which Production, Use, or Other Presence Must Be Reported

Emittent ID [Note 1]	Substance Name [Note 2]	Add Date [Note 3]	Carcinogen [Note 4]	Source List(s) [Note 6]	Other Note(s)
838880	4,4'-Methylene bis(2-methylaniline) [POM]	09/89	c	1 2 3 4	
74953	Methylene bromide	06/91			7
66273	Methyl methanesulfonate		c	3 4	
129157	2-Methyl-1-nitroanthraquinone (uncertain purity) [PAH-Derivative, POM]		c	1 2 3 4	
70257	N-Methyl-N'-nitro-N-nitrosoguanidine		c	3 4	
	- N-Methyl-N-nitrosourethane (see N-Nitroso-N-methylurethane)				
924425	N-Methyloacrylamide	09/90	c	4	
9006422	Metiram	09/90		4	
1140	Mineral oils (untreated and mildly treated oils; and those used in occupations such as mulespinning, metal machining, and jute processing).		c	3 4 5	
2385855	Mirex		c	3 4 5	
315220	Monocrotaline		c	3 4	
505602	Mustard gas {Sulfur mustard}		c	3 4 5	
<u>90153</u>	<u>alpha-Naphthol</u>	<u>11/20</u>			<u>7</u>
134327	1-Naphthylamine [PAH-Derivative, POM]	09/90	c	1 2 4	
91598	2-Naphthylamine [PAH-Derivative, POM]		c	1 2 3 4 5	
<u>84866</u>	<u>1,4-Naphthylamine sulfonic acid</u>	<u>11/20</u>			<u>7</u>
54115	Nicotine	09/90		4	
1148	Nitrioltriacetic acid (salts) including but not limited to:	06/91	c	3	
18662538	Nitrioltriacetic acid, trisodium salt monohydrate	06/91	c	<u>3</u> 4	
99592	5-Nitro-o-anisidine		c	4 5	
1836755	Nitrofen (technical grade)		c	3 4 5	
51752	Nitrogen mustard {Mechlorethamine}	09/89	c	3 4 5	
55867	Nitrogen mustard hydrochloride	06/91	c	4 5	
55630	Nitroglycerin	06/91			7
88755	2-Nitrophenol	06/91			7
57835924	4-Nitropyrene [PAH-Derivative, POM]	09/89	e	4 2 3 4	
759739	N-Nitroso-N-ethylurea	09/89	c	4 5	
60153493	3-(N-Nitrosomethylamino)propionitrile	09/89	c	3 4	
64091914	4-(N-Nitrosomethylamino)-1-(3-pyridyl)-1-butanone {NNK}		c	3 4	
615532	N-Nitroso-N-methylurethane		c	3 4	

Appendix A-II
Substances for Which Production, Use, or Other Presence Must Be Reported

Emittent ID [Note 1]	Substance Name [Note 2]	Add Date [Note 3]	Carcinogen [Note 4]	Source List(s) [Note 6]	Other Note(s)
4549400	N-Nitrosomethylvinylamine		c	3 4 5	
16543558	N-Nitrosornicotine		c	3 4 5	
13256229	N-Nitrososarcosine		c	3 4 5	
303479	Ochratoxin A [POM]	09/90	c	1 2 3 4	
2234131	Octachloronaphthalene [PAH-Derivative, POM]	06/91		1 2	7
2646175	Oil Orange SS [PAH-Derivative, POM]		c	1 2 3 4	
20816120	Osmium tetroxide	06/91			7
794934	Panfuran S {Dihydroxymethylfuratrizine}		c	3 4	
<u>626175</u>	<u>m-Phthalodinitrile</u>	<u>11/20</u>			<u>7</u>
122601	Phenyl glycidyl ether	09/90	c	3 4	
57410	Phenytoin [POM]		c	1 2 3 4 5	
88891	Picric acid	06/91			7
1155	Polybrominated biphenyls (PBBs) [POM]		e	4 2 3 4 5	
53973981	Polygeenan	09/89	c	4	
3761533	Ponceau MX [PAH-Derivative, POM]		c	1 2 3 4	
3564098	Ponceau 3R [PAH-Derivative, POM]		c	1 2 3 4	
36791045	Ribavirin	09/90		4	
94597	Safrole		c	3 4 5	
1180	Shale oils		e	3 4	
132274	Sodium o-phenylphenate [POM]		c	1 2 3 4	
128449	Sodium saccharin	09/89	c	4	
1185	Soots		c	3 4	
<u>646297</u>	<u>Stearate</u>	<u>11/20</u>			<u>7</u>
10048132	Sterigmatocystin [POM]		c	1 2 3 4	
95067	Sulfallate		c	3 4 5	
<u>1335882</u>	<u>Tetrachloronaphthalene</u>	<u>11/20</u>			<u>7</u>
5216251	p-alpha,alpha,alpha-Tetrachlorotoluene	09/90	c	4	
961115	Tetrachlorvinphos	06/91	<u>c</u>	<u>4</u>	7
509148	Tetranitromethane	09/90	c	3 4	
139651	4,4'-Thiodianiline [POM]		c	1 2 3 4	
1314201	Thorium dioxide		c	4 5	

Appendix A-II
Substances for Which Production, Use, or Other Presence Must Be Reported

Emittent ID [Note 1]	Substance Name [Note 2]	Add Date [Note 3]	Carcinogen [Note 4]	Source List(s) [Note 6]	Other Note(s)
	1200 Tobacco products, smokeless		c	3 4	
	1205 alpha-chlorinated Toluenes		c	3	
	636215 o-Toluidine hydrochloride		c	4 5	
	106490 p-Toluidine	09/90	c	4	
	52686 Trichlorfon	06/91			7
	68768 Tris(aziridinyl)-p-benzoquinone {Triaziquone}	09/90	c	4	
	52244 Tris(1-aziridinyl) phosphine sulfide {Thiotepa}		c	3 4 5	
	126727 Tris(2,3-dibromopropyl)phosphate	09/89	e	4	
	62450060 Trp-P-1 {3-Amino-1,4-dimethyl-5H-pyrido[4,3-b]indole}		c	3 4	
	62450071 Trp-P-2 {3-Amino-1-methyl-5H-pyrido[4,3-b]indole}		c	3 4	
	72571 Trypan blue [PAH-Derivative, POM]		c	1 2 3 4	
	106876 4-Vinyl-1-cyclohexene diepoxide (Vinyl cyclohexene dioxide)	09/90	e	4	
	<u>75387 Vinylidene fluoride</u>	<u>11/20</u>			<u>7</u>
	81812 Warfarin [POM]			1 2 4	
	87627 2,6-Xylidene	06/91		<u>3</u> 4	
	12122677 Zineb	09/90	c	4	

APPENDIX A-III

SUBSTANCES WHICH NEED NOT BE
REPORTED UNLESS MANUFACTURED BY THE
FACILITY

**Appendix A-III
Substances Which Need Not Be Reported Unless Manufactured By the Facility**

Emittent ID [Note 1]	Substance Name [Note 2]	Add Date [Note 3]	Carcinogen [Note 4]	Source List(s) [Note 6]	Other Note(s)
<u>154229182</u>	<u>Abiraterone acetate</u>	<u>11/20</u>		<u>4</u>	
<u>59665</u>	<u>Acetazolamide</u>	<u>11/20</u>		<u>4</u>	
546883	Acetohydroxamic acid	09/90		4	
<u>59277893</u>	<u>Aciclovir</u>	<u>11/20</u>			<u>7</u>
50760	Actinomycin D	09/90	c	4	
23214928	Adriamycin [PAH-Derivative, POM]		c	1 2 3 4 5	
28981977	Alprazolam [POM]	09/90		1 2 4	
<u>645056</u>	<u>Altretamine</u>	<u>11/20</u>		<u>4</u>	
<u>665667</u>	<u>Amantadine hydrochloride</u>	<u>11/20</u>		<u>4</u>	
39831555	Amikacin sulfate	09/90		4	
	-- <u>Aminoglycosides</u>	<u>11/20</u>		<u>4</u>	
<u>105650235</u>	<u>2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine {PhIP}</u>	<u>11/20</u>	<u>c</u>	<u>3</u>	
<u>121664</u>	<u>2-Amino-5-nitrothiazole</u>	<u>11/20</u>			<u>7</u>
54626	Aminopterin			4	
<u>19774824</u>	<u>Amiodarone hydrochloride</u>	<u>11/20</u>		<u>4</u>	
<u>14028445</u>	<u>Amoxapine</u>	<u>11/20</u>		<u>4</u>	
1005	Analgesic mixtures containing phenacetin		c	3 4 5	
1010	Androgenic (anabolic) steroids including but not limited to:		c	3 4	
58184	Methyltestosterone	09/90		4	
434071	Oxymetholone		c	4 5	
58220	Testosterone and its esters including but not limited to:	09/89		4	
315377	Testosterone enanthate	09/90		4	
<u>63058</u>	<u>Androstenedione</u>	<u>11/20</u>	<u>c</u>	<u>4</u>	
	-- <u>Angiotensin converting enzyme (ACE) inhibitors</u>	<u>11/20</u>		<u>4</u>	
<u>117373</u>	<u>Anisindione</u>	<u>11/20</u>		<u>4</u>	
50782	Aspirin	06/91		4	
<u>29122687</u>	<u>Atenolol</u>	<u>11/20</u>		<u>4</u>	
<u>34031328</u>	<u>Auranofin</u>	<u>11/20</u>		<u>4</u>	
<u>71751412</u>	<u>Avermectin B1</u>	<u>11/20</u>		<u>4</u>	
<u>320672</u>	<u>Azacitidine</u>	<u>11/20</u>	<u>c</u>	<u>3 4 5</u>	
115026	Azaserine		c	3 4	

**Appendix A-III
Substances Which Need Not Be Reported Unless Manufactured By the Facility**

Emittent ID [Note 1]	Substance Name [Note 2]	Add Date [Note 3]	Carcinogen [Note 4]	Source List(s) [Note 6]	Other Note(s)
<u>800248</u>	<u>Aziridyl benzoquinone</u>	<u>11/20</u>			<u>7</u>
<u>5534098</u>	<u>Beclomethasone dipropionate</u>	<u>11/20</u>		<u>4</u>	
<u>76937</u>	<u>Benzilic acid</u>	<u>11/20</u>		<u>2</u>	
<u>---</u>	<u>Benzodiazepines</u>	<u>11/20</u>		<u>4</u>	
<u>579442</u>	<u>Benzoin</u>	<u>11/20</u>		<u>2</u>	
<u>5411223</u>	<u>Benzphetamine hydrochloride [POM]</u>	<u>09/90</u>		<u>1 2 4</u>	
<u>120514</u>	<u>Benzyl benzoate</u>	<u>11/20</u>		<u>2</u>	
<u>216974753</u>	<u>Bevacizumab</u>	<u>11/20</u>		<u>4</u>	
<u>154938</u>	<u>Bischloroethyl nitrosourea</u>		<u>c</u>	<u>3 4</u>	
<u>143817</u>	<u>Butabarbital sodium</u>	<u>11/20</u>		<u>4</u>	
<u>55981</u>	<u>1,4-Butanediol dimethanesulfonate {Busulfan/Myleran}</u>		<u>c</u>	<u>3 4 5</u>	
<u>298464</u>	<u>Carbamazepine</u>	<u>11/20</u>		<u>4</u>	
<u>41575944</u>	<u>Carboplatin</u>	<u>09/90</u>		<u>4</u>	
<u>474259</u>	<u>Chenodiol</u>	<u>09/90</u>		<u>4</u>	
<u>302170</u>	<u>Chloral hydrate</u>	<u>11/20</u>	<u>c</u>	<u>3 4</u>	
<u>305033</u>	<u>Chlorambucil</u>		<u>c</u>	<u>3 4 5</u>	
<u>56757</u>	<u>Chloramphenicol</u>		<u>c</u>	<u>3 4</u>	
<u>982570</u>	<u>Chloramphenicol sodium succinate</u>	<u>11/20</u>	<u>c</u>	<u>4</u>	
<u>1620219</u>	<u>Chlorcyclizine hydrochloride [POM]</u>			<u>1 2 4</u>	
<u>58253</u>	<u>Chlordiazepoxide</u>	<u>11/20</u>		<u>4</u>	
<u>438415</u>	<u>Chlordiazepoxide hydrochloride</u>	<u>11/20</u>		<u>4</u>	
<u>13010474</u>	<u>1-(2-Chloroethyl)-3-cyclohexyl-1-nitrosourea {CCNU}</u>		<u>c</u>	<u>3 4 5</u>	
<u>13909096</u>	<u>1-(2-Chloroethyl)-3-(4-methylcyclohexyl)-1-nitrosourea {Methyl CCNU}</u>		<u>c</u>	<u>3 4</u>	
<u>127004</u>	<u>1-Chloro-2-propanol</u>	<u>11/20</u>			<u>7</u>
<u>54057</u>	<u>Chloroquine</u>	<u>11/20</u>			<u>7</u>
<u>569573</u>	<u>Chlorotrianisene</u>	<u>11/20</u>	<u>c</u>	<u>4</u>	
<u>59865133</u>	<u>Ciclosporin (see Cyclosporine)</u>	<u>11/20</u>	<u>c</u>	<u>3 4</u>	
<u>113852372</u>	<u>Cidofovir</u>	<u>11/20</u>	<u>c</u>	<u>4</u>	
<u>51481619</u>	<u>Cimetidine</u>	<u>11/20</u>			<u>7</u>
<u>15663271</u>	<u>Cisplatin</u>		<u>c</u>	<u>3 4</u>	
<u>4291638</u>	<u>Cladribine</u>	<u>11/20</u>		<u>4</u>	

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Emittent ID [Note 1]	Substance Name [Note 2]	Add Date [Note 3]	Carcinogen [Note 4]	Source List(s) [Note 6]	Other Note(s)
<u>81103119</u>	<u>Clarithromycin</u>	<u>11/20</u>		<u>4</u>	
<u>637070</u>	<u>Clofibrate</u>	<u>11/20</u>	<u>c</u>	<u>4</u>	
50419	Clomiphene citrate [POM]	09/90		1 2 4	
<u>2971906</u>	<u>Clopidol</u>	<u>11/20</u>			<u>7</u>
<u>57109907</u>	<u>Clorazepate dipotassium</u>	<u>11/20</u>		<u>4</u>	
<u>64868</u>	<u>Colchicine</u>	<u>11/20</u>		<u>4</u>	
50180	Cyclophosphamide		<u>c</u>	3 4 <u>5</u>	
<u>6055192</u>	<u>Cyclophosphamide (hydrated)</u>	<u>11/20</u>	<u>c</u>	<u>3 4</u>	
<u>59865133</u>	<u>Cyclosporine</u>	<u>11/20</u>	<u>c</u>	<u>3 4</u>	
147944	Cytarabine	09/89		4	
<u>21739913</u>	<u>Cytembena</u>	<u>11/20</u>	<u>c</u>	<u>4</u>	
4342034	Dacarbazine		<u>c</u>	3 4 5	
17230885	Danazol	09/90		4	
<u>80080</u>	<u>Dapsone</u>	<u>11/20</u>			<u>7</u>
20830813	Daunomycin [PAH-Derivative, POM]		<u>c</u>	1 2 3 4	
23541506	Daunorubicin hydrochloride [PAH-Derivative, POM]	09/90		1 2 4	
<u>143102</u>	<u>1-Decanethiol</u>	<u>11/20</u>			<u>7</u>
<u>52918635</u>	<u>Deltamethrin</u>	<u>11/20</u>			<u>7</u>
<u>439145</u>	<u>Diazepam</u>	<u>11/20</u>		<u>4</u>	
<u>364987</u>	<u>Diazoxide</u>	<u>11/20</u>		<u>4</u>	
<u>120978</u>	<u>Dichlorphenamide</u>	<u>11/20</u>		<u>4</u>	
<u>66762</u>	<u>Dicumarol</u>	<u>11/20</u>		<u>4</u>	
<u>69655056</u>	<u>Didanosine</u>	<u>11/20</u>			<u>7</u>
84173	Dienestrol [POM]	09/90	<u>c</u>	1 2 4	
<u>22494424</u>	<u>Diffunisal</u>	<u>11/20</u>		<u>4</u>	
<u>20830755</u>	<u>Digoxin</u>	<u>11/20</u>	<u>c</u>	<u>3</u>	
<u>6190392</u>	<u>Dihydroergotamine mesylate</u>	<u>11/20</u>		<u>4</u>	
<u>33286225</u>	<u>Diltiazem hydrochloride</u>	<u>11/20</u>		<u>4</u>	
<u>5989275</u>	<u>d-Limonene</u>	<u>11/20</u>			<u>7</u>
<u>40762150</u>	<u>Doxefazepam</u>	<u>11/20</u>			<u>7</u>
<u>25316409</u>	<u>Doxorubicin hydrochloride (Adriamycin)</u>	<u>11/20</u>	<u>c</u>	<u>4</u>	

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564250	Doxycycline	09/90		4	
<u>94088854</u>	<u>Doxycycline calcium (internal use)</u>	<u>11/20</u>		<u>4</u>	
<u>24390145</u>	<u>Doxycycline hyclate (internal use)</u>	<u>11/20</u>		<u>4</u>	
<u>17086281</u>	<u>Doxycycline monohydrate (internal use)</u>	<u>11/20</u>		<u>4</u>	
<u>562107</u>	<u>Doxylamine succinate</u>	<u>11/20</u>			<u>7</u>
<u>82413205</u>	<u>Droloxifene</u>	<u>11/20</u>			<u>7</u>
379793	Ergotamine tartrate [POM]	09/90		1 2 4	
<u>29975164</u>	<u>Estazolam</u>	<u>11/20</u>			<u>7</u>
1095	Estrogens, non-steroidal including but not limited to:		c	3 5	
56531	Diethylstilbestrol [POM]		c	1 2 3 4 5	
1100	Estrogens, steroidal including but not limited to:		c	3 <u>4</u> 5	
1068	Conjugated estrogens	09/90	c	4	
50282	Estradiol 17 beta		c	4 5	
53167	Estrone		c	4 5	
57636	Ethinyl estradiol		c	4 5	
72333	Mestranol		c	3 4 5	
<u>7280377</u>	<u>Estropipate</u>	<u>11/20</u>	<u>c</u>	<u>4</u>	
<u>536334</u>	<u>Ethionamide</u>	<u>11/20</u>		<u>4</u>	
<u>9004573</u>	<u>Ethylcellulose</u>	<u>11/20</u>		<u>2</u>	
<u>41340254</u>	<u>Etodolac</u>	<u>11/20</u>		<u>4</u>	
33419420	Etoposide [POM]	09/90	<u>c</u>	2 <u>3</u> 4	
54350480	Etretinate			4	
<u>121181531</u>	<u>Filgrastim</u>	<u>11/20</u>		<u>4</u>	
<u>3385033</u>	<u>Flunisolide</u>	<u>11/20</u>		<u>4</u>	
51218	Fluorouracil	09/89		4	
76437	Fluoxymesterone	09/90		4	
<u>1172185</u>	<u>Flurazepam hydrochloride</u>	<u>11/20</u>		<u>4</u>	
<u>5104494</u>	<u>Flurbiprofen</u>	<u>11/20</u>		<u>4</u>	
13311847	Flutamide	09/90		4	
67458	Furazolidone	09/90	c	4	
<u>54319</u>	<u>Furosemide (Frusemide)</u>	<u>11/20</u>			<u>7</u>

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<u>82410320</u>	<u>Ganciclovir</u>	<u>11/20</u>	<u>c</u>	<u>4</u>	
<u>107910758</u>	<u>Ganciclovir sodium</u>	<u>11/20</u>		<u>4</u>	
<u>25812300</u>	<u>Gemfibrozil</u>	<u>11/20</u>	<u>c</u>	<u>4</u>	
<u>1112</u>	<u>Goldenseal root powder</u>	<u>11/20</u>	<u>c</u>	<u>3 4</u>	
<u>65807025</u>	<u>Goserelin acetate</u>	<u>11/20</u>		<u>4</u>	
<u>126078</u>	<u>Griseofulvin</u>		<u>c</u>	<u>3 4</u>	
<u>23092173</u>	<u>Halazepam [POM]</u>	<u>09/90</u>		<u>1 2 4</u>	
<u>66852548</u>	<u>Halobetasol propionate</u>	<u>11/20</u>		<u>4</u>	
<u>52868</u>	<u>Haloperidol</u>	<u>11/20</u>		<u>4</u>	
<u>106694</u>	<u>1,2,6-Hexanetriol</u>	<u>11/20</u>		<u>2</u>	
<u>220810264</u>	<u>Histrelin acetate</u>	<u>11/20</u>		<u>4</u>	
<u>86544</u>	<u>Hydralazine</u>	<u>11/20</u>			<u>7</u>
<u>67485294</u>	<u>Hydramethylnon</u>	<u>11/20</u>		<u>4</u>	
<u>127071</u>	<u>Hydroxyurea</u>	<u>11/20</u>		<u>4</u>	
<u>57852570</u>	<u>Idarubicin hydrochloride</u>	<u>11/20</u>		<u>4</u>	
<u>3778732</u>	<u>Ifosfamide</u>	<u>09/90</u>		<u>4</u>	
<u>9004664</u>	<u>Iron dextran complex</u>		<u>c</u>	<u>3 4 5</u>	
<u>9000388</u>	<u>Kava extract</u>	<u>11/20</u>	<u>c</u>	<u>3</u>	
<u>501304</u>	<u>Kojic acid</u>	<u>11/20</u>			<u>7</u>
<u>303344</u>	<u>Lasiocarpine</u>	<u>09/89</u>	<u>c</u>	<u>3 4</u>	
<u>74381536</u>	<u>Leuprolide acetate</u>	<u>11/20</u>		<u>4</u>	
<u>59927</u>	<u>Levodopa</u>	<u>11/20</u>		<u>4</u>	
<u>554132</u>	<u>Lithium carbonate</u>	<u>06/91</u>		<u>4</u>	
<u>919164</u>	<u>Lithium citrate</u>	<u>06/91</u>		<u>4</u>	
<u>846491</u>	<u>Lorazepam [POM]</u>	<u>09/90</u>		<u>1 2 4</u>	
<u>75330755</u>	<u>Lovastatin</u>	<u>11/20</u>		<u>4</u>	
<u>52766</u>	<u>Lynestrenol</u>	<u>11/20</u>	<u>c</u>	<u>4</u>	
<u>551746</u>	<u>Mannomustine dihydrochloride</u>	<u>11/20</u>			<u>7</u>
<u>31431397</u>	<u>Mebendazole</u>	<u>11/20</u>		<u>4</u>	
<u>595335</u>	<u>Megestrol acetate</u>	<u>06/91</u>		<u>4</u>	
<u>148823</u>	<u>Melphalan</u>		<u>c</u>	<u>3 4 5</u>	

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9002680	Menotropins	09/90		4	
<u>57534</u>	<u>Meprobamate</u>	<u>11/20</u>		<u>4</u>	
6112761	Mercaptopurine	09/90		4	
<u>61574</u>	<u>6-Mercaptopurine</u>	<u>11/20</u>	<u>c</u>	<u>3</u>	
531760	Merphalan	09/89	c	<u>3</u> 4	
3963959	Methacycline hydrochloride	06/91		4	
<u>20354261</u>	<u>Methazole</u>	<u>11/20</u>		<u>4</u>	
60560	Methimazole	09/90		4	
15475566	Methotrexate sodium	09/90		4	
484208	5-Methoxypsoralen		c	3	
56042	Methylthiouracil		c	3 4	
443481	Metronidazole		c	3 4 5	
59467968	Midazolam hydrochloride [POM]	09/90		1 2 4	
62015398	Misoprostol	09/90		4	[21]
<u>59122462</u>	<u>Misoprostol (alt. CAS, see CAS 62015398)</u>	<u>09/90</u>		<u>4</u>	<u>[21]</u>
50077	Mitomycin C		c	3 4	
<u>65271809</u>	<u>Mitoxantrone</u>	<u>11/20</u>	<u>c</u>	<u>3</u>	
70476823	Mitoxantrone hydrochloride [PAH-Derivative, POM]	09/90		1 2 4	
<u>11380347</u>	<u>MOPP (vincristine-prednisone-nitrogen mustard-procarbazine mixture)</u>	<u>11/20</u>	<u>c</u>	<u>4</u>	
139913	5-(Morpholinomethyl)-3-[(5-nitrofurfurylidene)amino]-2-oxazolidinone		c	3 4	
86220420	Nafarelin acetate [PAH-Derivative, POM]	09/90		1 2 4	
3771195	Nafenopin [POM]		c	1 2 3 4	
<u>389082</u>	<u>Nalidixic acid</u>	<u>11/20</u>	<u>c</u>	<u>4</u>	
1405103	Neomycin sulfate	09/90		4	
56391572	Netilmicin sulfate	09/90		4	
<u>21829254</u>	<u>Nifedipine</u>	<u>11/20</u>		<u>4</u>	
<u>66085594</u>	<u>Nimodipine</u>	<u>11/20</u>		<u>4</u>	
61574	Niridazole		c	3 4	
<u>139946</u>	<u>Nithiazide</u>	<u>11/20</u>			<u>7</u>
<u>602608</u>	<u>9-Nitroanthracene [PAH-Related]</u>	<u>11/20</u>			<u>7</u>
67209	Nitrofurantoin	06/91	c	4	

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59870	Nitrofurazone	09/90	c	4	
555840	1-[(5-Nitrofurfurylidene)amino]-2-imidazolidinone		c	3 4	
531828	N-[4-(5-Nitro-2-furyl)-2-thiazolyl]acetamide		c	3 4	
<u>1455216</u>	<u>1-Nonanethiol</u>	<u>11/20</u>			<u>7</u>
<u>51989</u>	<u>Norethisterone acetate (Norethindrone acetate)</u>	<u>11/20</u>		<u>4</u>	
<u>68235</u>	<u>Norethynodrel</u>	<u>11/20</u>	<u>c</u>	<u>4</u>	
6533002	Norgestrel	09/90		4	
<u>604751</u>	<u>Oxazepam</u>	<u>11/20</u>	<u>c</u>	<u>3 4</u>	
<u>129204</u>	<u>Oxyphenbutazone</u>	<u>11/20</u>			<u>7</u>
79572	Oxytetracycline	06/91		4	
<u>2058460</u>	<u>Oxytetracycline hydrochloride (internal use)</u>	<u>11/20</u>		<u>4</u>	
<u>33069624</u>	<u>Paclitaxel</u>	<u>11/20</u>		<u>4</u>	
<u>150130</u>	<u>para-Aminobenzoic acid</u>	<u>11/20</u>			<u>7</u>
115673	Paramethadione	09/90		4	
52675	Penicillamine	06/91		4	
57330	Pentobarbital sodium	09/90		4	
<u>37319178</u>	<u>Pentosan polysulfate sodium</u>	<u>11/20</u>	<u>c</u>	<u>3 4</u>	
<u>116001968</u>	<u>Pentostatin</u>	<u>11/20</u>		<u>4</u>	
<u>53910251</u>	<u>Pentostatin</u>	<u>11/20</u>		<u>4</u>	
<u>380610275</u>	<u>Pertuzumab</u>	<u>11/20</u>		<u>4</u>	
63989	Phenacemide	09/90		4	
62442	Phenacetin		c	3 4 5	
<u>94780</u>	<u>Phenazopyridine</u>	<u>11/20</u>	<u>c</u>	<u>4</u>	
<u>136403</u>	<u>Phenazopyridine hydrochloride</u>		c	3 4 5	
<u>156514</u>	<u>Phenelzine sulfate</u>	<u>11/20</u>			<u>7</u>
3546109	Phenesterin	09/89	c	4 5	
<u>103037</u>	<u>Phenicarbazide</u>	<u>11/20</u>			<u>7</u>
50066	Phenobarbital		c	3 4	
59961	Phenoxybenzamine [POM]	09/89	c	1 2 4	
63923	Phenoxybenzimidazole hydrochloride [POM]	09/90	c	1 2 3 4 5	
<u>435972</u>	<u>Phenprocoumon</u>	<u>11/20</u>		<u>4</u>	

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<u>50339</u>	<u>Phenylbutazone</u>	<u>11/20</u>			<u>7</u>
<u>108736</u>	<u>Phloroglucinol</u>	<u>11/20</u>		<u>2</u>	
<u>2062784</u>	<u>Pimozide</u>	<u>11/20</u>		<u>4</u>	
54911	Pipobroman	09/90		4	
18378897	Plicamycin [PAH-Derivative, POM]	09/90		1 2 4	
<u>81131706</u>	<u>Pravastatin sodium</u>	<u>11/20</u>		<u>4</u>	
<u>2955386</u>	<u>Prazepam</u>	<u>11/20</u>			<u>7</u>
<u>29069247</u>	<u>Prednimustine</u>	<u>11/20</u>			<u>7</u>
<u>125020</u>	<u>Prednisolone sodium phosphate</u>	<u>11/20</u>		<u>4</u>	
<u>125337</u>	<u>Primidone</u>	<u>11/20</u>	<u>c</u>	<u>3 4</u>	
<u>671169</u>	<u>Procarbazine</u>	<u>11/20</u>	<u>c</u>	<u>4</u>	
366701	Procarbazine hydrochloride		c	3 4 5	
57830	Progesterone		c	3 4 5	
1160	Progestins including but not limited to:		c	<u>3</u>	
71589	Medroxyprogesterone acetate		c	3 4	
68224	Norethisterone		c	4 5	
<u>51025</u>	<u>Pronetalol hydrochloride</u>	<u>11/20</u>			<u>7</u>
51525	Propylthiouracil		c	3 4 5	
<u>58140</u>	<u>Pyrimethamine</u>	<u>11/20</u>		<u>4</u>	
<u>36735225</u>	<u>Quazepam</u>	<u>11/20</u>		<u>4</u>	
<u>108463</u>	<u>Resorcinol</u>	<u>11/20</u>		<u>2</u>	
302794	all-trans-Retinoic acid	09/89		4	
1167	Retinol/retinyl esters	09/89	c	4	
<u>23246960</u>	<u>Riddelliine</u>	<u>11/20</u>	<u>c</u>	<u>3 4 5</u>	
<u>26308281</u>	<u>Ripazepam</u>	<u>11/20</u>			<u>7</u>
<u>122320734</u>	<u>Rosiglitazone</u>	<u>11/20</u>			<u>7</u>
81072	Saccharin		c	<u>3 4 5</u>	
<u>309433</u>	<u>Secobarbital sodium</u>	<u>11/20</u>		<u>4</u>	
<u>114466385</u>	<u>Sermorelin acetate</u>	<u>11/20</u>		<u>4</u>	
<u>138590</u>	<u>Shikimic acid</u>	<u>11/20</u>			<u>7</u>
<u>52017</u>	<u>Spironolactone</u>	<u>11/20</u>	<u>c</u>	<u>4</u>	

**Appendix A-III
Substances Which Need Not Be Reported Unless Manufactured By the Facility**

Emittent ID [Note 1]	Substance Name [Note 2]	Add Date [Note 3]	Carcinogen [Note 4]	Source List(s) [Note 6]	Other Note(s)
<u>10418038</u>	<u>Stanozolol</u>	<u>11/20</u>	<u>c</u>	<u>4</u>	
3810740	Streptomycin sulfate	06/91		4	
18883664	Streptozotocin		c	3 4 5	
<u>110-15-6</u>	<u>Succinic acid</u>	<u>11/20</u>		<u>2</u>	
<u>127695</u>	<u>Sulfafurazole (Sulfisoxazole)</u>	<u>11/20</u>			<u>7</u>
<u>723466</u>	<u>Sulfamethoxazole</u>	<u>11/20</u>			<u>7</u>
<u>599791</u>	<u>Sulfasalazine</u>	<u>11/20</u>	<u>c</u>	<u>3 4</u>	
<u>126330</u>	<u>Sulfolane</u>	<u>11/20</u>		<u>2</u>	
<u>38194502</u>	<u>Sulindac</u>	<u>11/20</u>		<u>4</u>	
54965244	Temoxifen citrate [POM]	09/90		4 2 4	
846504	Temazepam [POM]	09/90		1 2 4	
<u>52232674</u>	<u>Teriparatide</u>	<u>11/20</u>	<u>c</u>	<u>4</u>	
<u>58208</u>	<u>Testosterone cypionate</u>	<u>11/20</u>		<u>4</u>	
64755	Tetracycline hydrochloride	06/91		4	
---	Tetracyclines (internal use)	<u>11/20</u>		<u>4</u>	
50351	Thalidomide			4	
<u>58559</u>	<u>Theophylline</u>	<u>11/20</u>			<u>7</u>
154427	Thioguanine	09/90		4	
<u>141902</u>	<u>Thiouracil</u>	<u>11/20</u>	<u>c</u>	<u>3 4</u>	
49842071	Tobramycin sulfate	09/90		4	
<u>97240794</u>	<u>Topiramate</u>	<u>11/20</u>		<u>4</u>	
<u>89778267</u>	<u>Toremifene</u>	<u>11/20</u>			<u>7</u>
299752	Treosulfan		c	3 4	
<u>396010</u>	<u>Triamterene</u>	<u>11/20</u>	<u>c</u>	<u>3 4</u>	
28911015	Triazolam [POM]	09/90		1 2 4	
<u>817094</u>	<u>Trichlormethine (Trimustine hydrochloride)</u>	<u>11/20</u>	<u>c</u>	<u>3 4</u>	
<u>1954285</u>	<u>Triethylene glycol diglycidyl ether</u>	<u>11/20</u>			<u>7</u>
13647353	Trilostane	09/90		4	
127480	Trimethadione	06/91		4	
<u>82952645</u>	<u>Trimetrexate glucuronate</u>	<u>11/20</u>		<u>4</u>	
<u>5332525</u>	<u>1-Undecanethiol</u>	<u>11/20</u>			<u>7</u>

Appendix A-III
Substances Which Need Not Be Reported Unless Manufactured By the Facility

Emittent ID [Note 1]	Substance Name [Note 2]	Add Date [Note 3]	Carcinogen [Note 4]	Source List(s) [Note 6]	Other Note(s)
66751	Uracil mustard		c	3 4	
26995915	Urofollitropin	09/90		4	
99661	Valproate			4	
143679	Vinblastine sulfate [POM]	09/90		1 2 4	
2068782	Vincristine sulfate [POM]	09/90		1 2 4	
<u>12001795</u>	<u>Vitamin K substances</u>	<u>11/20</u>			<u>7</u>
<u>7481892</u>	<u>Zalcitabine</u>	<u>11/20</u>	<u>c</u>	<u>3 4</u>	
<u>30516871</u>	<u>Zidovudine (AZT)</u>	<u>11/20</u>	<u>c</u>	<u>3 4</u>	
<u>111406872</u>	<u>Zileuton</u>	<u>11/20</u>	<u>c</u>	<u>4</u>	

NOTES TO APPENDIX A:

Note	Text of Note
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- [1] Emittent ID (the emittent identification number) is the Chemical Abstract Service (CAS) number where available, or an ARB assigned 4 digit emittent ID code.
- A dash ("-") is shown for the Emittent ID for substances which are alphabetized under a group header or synonym elsewhere on the st. Refer to the cross reference indicated in parenthesis, "()".
- A double dash ("--") is shown for the Emittent ID to indicate that the entry is a non reportable group header for the substances immediately following it.
- An asterisk ("*") is shown for the Emittent ID to indicate that the emissions of unspecified metal compounds shall be reported as the metal atom equivalent. See Note [7].
- A pound sign ("#") is shown for the Emittent ID to indicate that the individual, component listed substances must be reported for this mixture or group.
- [2] Individual substances listed under a group heading must be reported individually. Other, unspecified substances in the group must be summed and reported using the emittent ID of the group heading.
- The square bracket designation, "[]", indicates that the substance is a component of the chemical group heading(s) within the brackets.
- The braces designation, "{ }", indicates a synonym for the substance listed.
- [3] The date the Board approved addition of the substance to the original list. The original list was approved by the Board in July 1988.
- [4] The letter "c" indicates that for purposes of this section the substance shall be treated as a human carcinogen or potential human carcinogen.
- [5] Applicable degree of accuracy (in lbs/year except where noted). Radionuclides must be reported in Curie units, and the accuracy must be considered accordingly. Refer to section VII.E. and Appendix B.

Note Text of Note

[6] Substances are required to be included on the Hot Spots list based on the following lists cited in Health & Safety Code section 44321:

1 = California Air Resources Board (44321(c)); 2 = Environmental Protection Agency (44321(e));

3 = International Agency for Research on Cancer; (44321(a); Labor Code section 6382(b)(1)); 4 = Governor's List of Carcinogens and Reproductive Toxicants; (44321(b); HSC section 25249.8);

5 = National Toxicology Program (44321(a)); 6 = Hazard Evaluation System and Information Service (44321(d));

7 = Added pursuant to HSC section 44321 (f).

[7] Emissions of unspecified metal compounds shall be reported as the amount of the metal atom equivalent, using the metal emittent identification number for the metal itself; ~~{or using the emittent identification number indicated on the table, such as for reporting inorganic versus other than inorganic arsenic compounds}~~, or for reporting soluble versus insoluble cobalt compounds.

For unspecified metal compounds which contain two or more listed metals (e.g., zinc chromate), each component metal shall be reported as the amount of the appropriate metal atom equivalent (i.e., the zinc portion of the weight as zinc equivalent and the chromate portion as hexavalent chromium equivalent.

For specific, individually listed metal compounds (e.g., Lead chromate or Cobalt oxalate), emissions shall be reported for the compound (as pounds of whole compound), using the emittent identification number for that compound.

The rare earth elements and their compounds shall be treated in the same way.

[8] Compounds of the form "X CN", where formal dissociation can occur. Report as the amount of Cyanide equivalent in the compound using an emittent identification code of 1073.

Note Text of Note

[9] Emissions of these mixtures shall be reported as emissions of total particulate matter and total organic gas, using the following emittent identification numbers:

9901 Diesel exhaust, particulate matter

9910 Gasoline exhaust, particulate matter

9902 Diesel exhaust, total organic gas

9911 Gasoline exhaust, total organic gas

Individually listed substances from gasoline exhaust must also be reported. Emissions of diesel engine exhaust particulate matter (diesel PM), shall be reported as diesel PM using emittent ID 9901.

[10] The emittent identification number 1105 has been discontinued for all facilities reporting for the first time and for all updates. Use the listed replacement emittent identification codes 1103 and 1104.

[11] Emissions of the individual, component listed substances must be reported in addition to the total gasoline vapors emissions.

[12] These lead compounds are listed here so that the inorganic lead fraction will be quantified and reported if these individual compounds cannot be quantified.

[13] PAH: (Polycyclic Aromatic Hydrocarbon) - An organic compound consisting of a fused ring structure containing at least two (2) benzene rings, and which may also contain additional fused rings not restricted exclusively to hexagonal rings. The structure does not include any heteroatoms or substituent groups. The structure includes only carbon and hydrogen.

PAHs are a subgroup of POM and have a boiling point of greater than or equal to 100 C.

Reporting of individual PAHs is required when quantification methods exist; see Appendix B Emission Information Form (6)(d) for details.

Note Text of Note

- [14] PAH DERIVATIVE: (Polycyclic Aromatic Hydrocarbon Derivative) - An organic compound consisting of a fused ring structure containing at least two (2) benzene rings, and which may also contain additional fused rings not restricted exclusively to hexagonal rings. The fused ring structure does not contain heteroatoms. The structure does contain one or more substituent groups.
- PAH Derivatives are a subgroup of POM and have a boiling point of greater than or equal to 100 C.
- Reporting of individual PAH-Derivatives and PAH-Related is required; see Appendix B Emission Information Form (6)(d) for details.
- [15] POM: (Polycyclic Organic Matter) Includes organic compounds with more than one benzene ring, and which have a boiling point of greater than or equal to 100 C.
- [16] Radionuclides and other radioactive substances shall be reported in units of Curies per year (for annual average emissions) and in units of milliCuries per hour (for maximum hourly emissions).
- [17] Emissions of Vanadium (fume or dust) shall be reported as the amount of the vanadium atom equivalent, using the identification number 7440622.
- [18] The emittent identification number 1001 has been replaced with the CAS number 26148685.
- [19] For facilities that are subject to Hot Spots applicability provisions, reporting is required except during the time it is acting as a pesticide at an operation which is not a facility subject to the Hot Spots program.
- [20] Additional Organophosphate Flame Retardants (OPFRs) are listed under the category "Brominated and Chlorinated Organics Compounds used as Flame Retardants".
- [21] When multiple CAS appear to be used for the same chemical, we have included these on the CAS list.
- [22] The facility operator shall report the CAS number and complete chemical name for any substance meeting the definition of this functional group class

Note Text of Note

[23] See Section II.H. for Effective Phase requirements.

"ChemSet-1" is shown for Effective Phase to indicate newly added chemical substances that must be reported starting with 2022 emission inventory data year for facilities in District Group A, or 2023 data year for facilities in District Group B.

"ChemSet-2" is shown for Effective Phase to indicate newly added chemical substances that must be reported starting with the 2026 emission inventory data year for facilities in District Group A, or 2027 data year for facilities in District Group B.

A letter e ("e") is shown for Effective Phase to indicate an existing Appendix A chemical substance prior to 11/20 Regulation amendment. These are required to be reported without phasing.

An existing group ("ExistGrp") is shown for Effective Phase to indicate any substance under or added under an existing grouping in Appendix A prior to 11/20 Regulation amendment. These are required to be reported without phasing.

A cross reference ("see cross-ref") is shown for Effective Phase for a substance that appears in more than one place on the chemical list to notify the reader to refer to the main substance listing for the appropriate Effective Phase designation.

A dash (" - ") is shown for Effective Phase as described in footnote [1]. These are required to be reported without phasing.

NOTE: The notation "11/06" indicates most recently added substances.