

Appendix B

TABLE AC-1 ([\(printable .pdf file 611K\)](#))
Cal/OSHA PERMISSIBLE EXPOSURE LIMITS FOR CHEMICAL

Table and Definitions available at:
https://www.dir.ca.gov/title8/5155table_ac1.html

Chemical Abstracts Registry Number ^(a)	Skin ^(b)	Name ^(c)	PEL ^(d)			STEL ^(e)	
			ppm ^(e)	mg/M ^{3(f)}	Ceiling ^(g)	ppm ^(e)	mg/M ^{3(f)}
75070		Acetaldehyde	25	45	C		
64197		Acetic acid	10	25	40 ppm	15	37
108247		Acetic Anhydride	5	20	C		
67641		Acetone	500	1200	3000 ppm	750	1780
75868		Acetone cyanohydrin as CN	4.7	5	C		
75058	S	Acetonitrile	40	70		60	105
98862		Acetophenone	10	49			
53963	S	2-Acetylaminofluorene; N-fluoren-2-yl acetamide; see Section 5209					
74862		Acetylene	(h)				
540590		Acetylene dichloride; see 1,2-Dichloroethylene					
79276		Acetylene tetrabromide; 1,1,2,2-tetrabromoethane	1	14			
79345		Acetylene tetrachloride; see 1,1,2,2-Tetrachloroethane					
50782		Acetylsalicylic acid (Aspirin)		5			
107028	S	Acrolein	0.1	0.25	C		
79061	S	Acrylamide	--	0.03			
79107	S	Acrylic acid	2	5.9			
107131	S	Acrylonitrile; see Section 5213	2	4.5			
124049		Adipic acid	--	5			
111693	S	Adiponitrile	2	8.8			
309002	S	Aldrin; 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-endo-1,2-exo-5,8-dimethanonaphthalene	--	0.25			
107186	S	Allyl alcohol	0.5	1.25		4	10
107051		Allyl chloride	1	3		2	6
106923	S	Allyl glycidyl ether; AGE	0.2	0.93			
2179591		Allyl propyl disulfide	2	12		3	18
1344281		Alumina; see Particulates not otherwise regulated					
		Aluminum, alkyls (not otherwise classified)	--	2			
		Aluminum soluble salts	--	2			
		Aluminum metal and oxide	--				
		Total dust	--	10			
		Respirable fraction ^(h)	--	5 ^(h)			
		Aluminum pyro powders	--	5			
		Aluminum welding fumes	--	5			
300925		Aluminum distearate	--	10			
7047849		Aluminum stearate	--	10			
637127		Aluminum tristearate	--	10			
1300738		Aminodimethylbenzene; see Xylidene					

92671	S	4-Aminodiphenyl; see Section 5209				
141435		2-Aminoethanol; see Ethanolamine				
91598		2-Aminonaphthalene; see beta-Naphthylamine, Section 5209				
504290		2-Aminopyridine	0.5	2		
61825		Amitrole	--	0.2		
7664417		Ammonia	25	18	35	27
3825261	S	Ammonium perfluorooctanoate	--	00.1		
12125029		Ammonium chloride fume	--	10	--	20
1002897		Ammonium stearate	--	10		
7773060		Ammonium sulfamate	--			
		Total dust	--	10		
		Respirable fraction ⁽ⁿ⁾	--	5		
620111		3-Amyl acetate; See Pentyl acetate				
628637		n-Amyl acetate; See Pentyl acetate				
626380		sec-Amyl acetate (all isomers and mixtures); See Pentyl acetate				
625161		tert-Amyl acetate; See Pentyl acetate				
62533	S	Aniline	2	7.6		
29191524	S	Anisidine (ortho and para isomers)	0.1	0.5		
		Antimony and compounds, as Sb	--	0.5		
86884		ANTU; 1-(1-naphthyl)-2-thiourea; Bantu; Rattrack	--	0.3		
7440371		Argon	(h)			
7440382		Arsenic and inorganic arsenic compounds; see also Section 5214		0.01		
		Arsenic, organic compounds, as As	--	0.2		
7784421		Arsine; AsH ₃	0.05	0.2		
1332-21-4		Asbestos (including actinolite, amosite anthophyllite, chrysotile, crocidolite, and tremolite); see Section 5208				
8052424		Asphalt (petroleum) fumes	--	5		
1912249		Atrazine	--	5		
86500	S	Azinphos methyl; o,o-dimethyl S-(4-oxo-1,2,3- benzotriazin-3(4H)-ylmethyl) phosphorodithioate	--	0.2		
3333526	S	2,2'-Azobisisobutyronitrile decomposition product, see Tetramethyl succinonitrile				
7440393		Barium, soluble compounds, as Ba	--	0.5		
7727437		Barium sulfate; see Particulates not otherwise regulated				
17804352		Benomyl				
		Total dust	--	10		
		Respirable fraction ⁽ⁿ⁾	--	5		
71432	S	Benzene; see also Section 5218	1		5	--
92875	S	Benzidine; 4,4'-diaminobiphenyl, see Section 5209				
71432		Benzol; see Benzene				
106514		D-Benzoquinone; see Quinone				
98884		Benzoyl chloride	0.2	1.1	C	
94360		Benzoyl peroxide; dibenzoyl peroxide	--	5		
140114		Benzyl acetate	10	61		
100447		benzyl chloride; alpha-chlorotoluene	1	5		
7440417		Beryllium, and beryllium compounds as Be	--	0.0002	0.025mg/M ³	--
92524		Biphenyl; diphenyl; phenylbenzene	0.2	1.5		
542881		Bis(chloromethyl) ether, see bis-Chloromethyl ether, Section 5209				
3033623	S	Bis (Dimethylaminoethyl) ether (DMAEE)	0.05	0.328	0.15	0.983
1304821		Bismuth telluride				
		Total dust	--	10		
		Respirable fraction ⁽ⁿ⁾	--	5		

		Bismuth telluride (selenium-doped)	--	5		
		Borates, tetra, sodium salts				
		Anhydrous	--	5		
		Decahydrate	--	5		
		Pentahydrate	--	5		
1303862		Boron oxide	--	10		
10294334		Boron tribromide	1	10	C	
7637072		Boron trifluoride	1	3	C	
314409		Bromacil	1	10		
7726956		Bromine	0.1	0.7	C	
7789302		Bromine pentafluoride	0.1	0.7		
74975		Bromochloromethane; see Chlorobromomethane				
74964		Bromoethane; see Ethyl bromide				
75252	S	Bromoform; tribromomethane	0.5	5		
74839		Bromomethane, see Methyl bromide				
106945	S	1-bromopropane, n-propyl bromide	5	25		
75638		Bromotrifluoromethane; see Trifluorobromomethane				
106990		1,3-Butadiene (see also section 5201)	1	2.2		5 11
106978		Butane	800	1,900		
109795		1-Butanethiol; see Butyl mercaptan				
71363		1-Butanol; see n-Butyl alcohol				
78933		2-Butanone; see Methyl ethyl ketone				
111762	S	2-Butoxyethanol (EGBE)	20	97		
123864		n-Butyl acetate	150	710		200 950
105464		sec-Butyl acetate	200	950		
540885		tert-Butyl acetate	200	950		
141322		Butyl acrylate	2	11		
71363	S	n-Butyl alcohol; 1-butanol	50	150	C	
78922		sec-Butyl alcohol	100	305		
75650		tert-Butyl alcohol	100	300		150 450
109739	S	Butylamine	5	15	C	
1189851	S	tert-Butyl chromate; di-tert-butyl chromate, as CrO ₃ as Cr	--	0.1 0.005	C	
		(see also Sections 1532.2, 5206 & 8359)				
2426086		n-Butyl glycidyl ether; BGE; 1-butoxy-2,3-epoxypropane	25	135		
138227		n-Butyl lactate	5	25		
109795		n-Butyl mercaptan	0.5	1.5		
89725	S	o-sec-Butylphenol	5	30		
98511		p-tert-Butyltoluene	1	6.1		20 120
7440439		Cadmium metal dust, as Cd (see also Sections 1532 & 5207)	--	0.005		
		Cadmium, soluble salts, as Cd (see also Sections 1532 & 5207)	--	0.005		
1306190		Cadmium oxide fume, as Cd (see also Sections 1532 & 5207)	--	0.005		
7778441		Calcium arsenate; see Arsenic,inorganic (see also Section 5214)				
471341		Calcium carbonate; see Particulates not otherwise regulated		--		
156627		Calcium cyanamide	--	0.5		
1305620		Calcium hydroxide	--	5		
1305788		Calcium oxide	--	2		
		Calcium silicate; see Particulates not otherwise regulated				
1344952		Calcium silicate (synthetic); see Particulates not otherwise regulated				
1592230		Calcium stearate	--	10		

7778189		Calcium sulfate; see Particulates not otherwise regulated					
76222		Camphor (synthetic)	--	2			
105602		Caprolactam dust	--	1		--	3
105602		Caprolactam vapor	5	20		10	40
2425061	S	Captafol	--	0.1			
133062		Captan	--	5			
63252		Carbaryl; 1-naphthyl N-methylcarbamate	--	5			
1563662		Carbofuran	--	0.1			
1333864		Carbon black	--	3.5			
124389		Carbon dioxide	5,000	9,000		30,000	54,000
75150	S	Carbon disulfide	1	3	30 ppm	12	36
630080		Carbon monoxide	25	29	200 ppm		
558134		Carbon tetrabromide	0.1	1.4		0.3	4
56235	S	Carbon tetrachloride	2	12.6	200 ppm	10	63
75445		Carbonyl chloride; see Phosgene					
353504		Carbonyl fluoride	2	5		5	15
120809	S	Catechol; pyrocatechol	5	20			
9004346		Cellulose (paper fiber); see Particulates not otherwise regulated					
21351791		Cesium hydroxide		2			
57749	S	Chlordane; 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane	--	0.5			
8001352	S	Chlorinated camphene; toxaphene	--	0.5		--	1
		Chlorinated diphenyl oxide	--	0.5			
7782505		Chlorine	0.5	1.5		1	3
10049044		Chlorine dioxide	0.1	0.3		0.3	0.9
7790912		Chlorine trifluoride	0.1	0.4	C		
107200		Chloroacetaldehyde	1	3	C		
78955	S	Chloroacetone	1	3.8	C		
532274		alpha-Chloroacetophenone;phenacyl chloride	0.05	0.3			
79049	S	Chloroacetyl chloride	0.05	0.2		0.15	0.69
108907		Chlorobenzene; monochlorobenzene	10	46			
2698411	S	o-Chlorobenzylidene malononitrile; OCBM	0.05	0.4	C		
74975		Chlorobromomethane; bromochloromethane	200	1,050			
126998	S	2-Chloro-1,3-butadiene; see Chloroprene					
75456		Chlorodifluoromethane; Fluorocarbon 22	1,000	3,500			
53469219	S	Chlorodiphenyl (42% chlorine)	--	1			
11097691	S	Chlorodiphenyl (54% chlorine)	--	0.5			
106898		1-Chloro-2,3-epoxypropane; see Epichlorohydrin					
75003		Chloroethane; see Ethyl chloride					
107073		2-Chloroethanol; see Ethylene chlorohydrin					
75014		Chloroethylene, see Vinyl chloride, Section 5210					
67663		Chloroform; trichloromethane	2	9.78			
74873		Chloromethane, see Methyl chloride					
107302		Chloromethyl methyl ether; see Methyl chloromethyl ether, Section 5209					
542881		bis-Chloromethyl ether, see also Section 5209	0.001	0.005			
100005		1-Chloro-4-nitrobenzene; see p-Nitrochlorobenzene					
600259		1-Chloro-1-nitropropane	2	10			
76153		Chloropentafluoroethane	1,000	6,320			
76062		Chloropicrin; trichloronitromethane	0.1	0.7			
126998	S	Chloroprene; 2-chloro-1,3-butadiene	10	36			
598787	S	2-Chloropropionic acid	0.1	0.44			
2039874		o-Chlorostyrene	50	285		75	428
95498	S	o-Chlorotoluene	50	250			
1929824		2-Chloro-6-(trichloromethyl)pyridine; see Nitrpyrin					

2921882	S	Chlorpyrifos	--	0.2		
		Chromite ore processing (chromate), as Cr (see also Sections 1532.2, 5206 & 8359)	--	0.005		
7440473		Chromium metal	--	0.5		
		Chromium (II) compounds, as Cr	--	0.5		
		Chromium (III) compounds, as Cr	--	0.5		
		Chromium (VI) compounds, as Cr (see also Sections 1532.2, 5206 & 8359)	--	0.005	0.1mg/M ³	
14977618		Chromyl chloride	0.025	0.15		
2971906		Clopidol	--			
		Total dust	--	10		
		Respirable fraction	--	5		
		Coal (Bituminous) dust				
		<5% quartz, respirable fraction ⁽ⁿ⁾	--	0.9		
		>5% quartz, respirable fraction ⁽ⁿ⁾	--	0.1		
		Coal tar pitch volatiles ⁽ⁱ⁾	--	0.2		
7440484		Cobalt, metal fume and dust, as Co	--	0.020		
		Cobalt carbonyl, as Co	--	0.1		
16842038		Cobalt hydrocarbonyl, as Co	--	0.1		
		Coke oven emissions, see Section 5211		0.15		
7440508		Copper metal fume, as Cu	--	0.1		
		Copper salts, dusts and mists, as Cu	--	1		
		Corundum, see Particulates not otherwise regulated				
		Cotton dust, see also Section 5190	--	1 ⁽ⁱ⁾		
1319773	S	Cresol (all isomers)	5	22		
123739	S	Crotonaldehyde; beta-methylacrolein			0.3	
4170303						
299865		Crufomate	--	5		
98828	S	Cumene; isopropylbenzene	50	245		
420042		Cyanamide	--	2		
	S	Cyanide, as CN	--	5		
460195		Cyanogen	10	20		
506774		Cyanogen chloride	0.3	0.6	C	
110827		Cyclohexane	300	1,050		
108930	S	Cyclohexanol	50	200		
108941	S	Cyclohexanone	25	100		
110838		Cyclohexene	300	1,015		
108918	S	Cyclohexylamine	10	40		
121824	S	Cyclonite; RDX; cyclotrimethylenetrinitramine	--	0.07		
542927		Cyclopentadiene	75	200		
287923		Cyclopentane	600	1,720		
13121705		Cyhexatin; tricyclohexyltin hydroxide		5		
94757		2,4-D;2,4-dichlorophenoxyacetic acid	--	10		
50293	S	DDT; 1,1,1-trichloro-2,2-bis- (p-chlorophenyl)ethane	--	1		
62737		DDVP, see Dichlorvos				
17702419	S	Decaborane	0.05	0.3	0.15	0.9
8065483	S	Demeton; a mixture of o,o-diethyl o-(2(ethylthio)ethyl phosphorothioate and o,o'-diethyl S-2(ethylthio)ethyl phosphorothioate	0.01	0.1		
123422		Diacetone alcohol; 4-hydroxy-4-methyl- 2-pentanone	50	240		
107153		1,2-Diaminoethane; see Ethylenediamine				
		Diatomaceous earth; see Silica-amorphous				
333415	S	Diazinon; o,o-diethyl o-(2-isopropyl-6- methyl-4-pyrimidinyl) phosphorothioate	--	0.1		

334883		Diazomethane	0.2	0.4			
94360		Dibenzoyl peroxide; see Benzoyl peroxide					
19287457		Diborane	0.1	0.1			
2528361	S	Dibutyl phenyl phosphate	0.3	3.5			
96128		1,2-Dibromo-3-chloropropane; DBCP; see Section 5212	.001	.01			
75616		Dibromodifluoromethane; see Difluorodibromomethane					
106934	S	1,2-Dibromomethane; see Ethylene dibromide, Section 5219					
102818	S	2-N-Dibutylaminoethanol	2	14			
107664		Dibutyl phosphate	1	5		2	10
84742		Dibutyl phthalate	--	5			
7572294		Dichloroacetylene	0.1	0.4	C		
95501	S	o-Dichlorobenzene	25	150	50 ppm		
106467		p-Dichlorobenzene; 1,4-dichlorobenzene	10	60	200 ppm	110	675
91941	S	3,3'-Dichlorobenzidine; 4,4'-diamino-3,3'- dichlorobiphenyl; see Section 5209					
764410	S	1,4 -Dichloro-2-butene	0.005	0.025			
75718		Dichlorodifluoromethane	1000	4950	6200 ppm		
118525		1,3-Dichloro-5,5-dimethyl hydantoin	--	0.2		--	0.4
75343		1,1-Dichloroethane	100	400			
107062		1,2-Dichloroethane, see Ethylene dichloride					
75354		1,1-Dichloroethylene; see Vinylidene chloride					
540590		1,2-Dichloroethylene; acetylene dichloride	200	790			
111444	S	Dichloroethyl ether; bis(2-chloroethyl) ether	5	30		10	60
75434		Dichlorofluoromethane; Fluorocarbon 21	10	42			
75092		Dichloromethane; see Methylene chloride					
594729		1,1-Dichloro-1-nitroethane	2	10			
78875		1,2-Dichloropropane; see Propylene dichloride					
542756	S	Dichloropropene	1	5			
75990		2,2-Dichloropropionic acid	1	6			
76142		1,2-Dichlorotetrafluoroethane; Fluorocarbon 114	1,000	7,000			
62737	S	Dichlorvos (DDVP); 2,2-dichlorovinyl dimethyl phosphate	0.1	1			
141662	S	Dicrotophos	--	0.25			
5124301		Dicyclohexylmethane-4,4'-diisocyanate; see Methylene bis-(4-cyclohexylisocyanate)					
77736		Dicyclopentadiene	5	30			
102545		Dicyclopentadienyl iron Total dust Respirable fraction ⁽ⁿ⁾	-- -- --	10 5			
60571	S	Dieldrin; 1,2,3,4,10,10-hexachloro-6,7-epoxy- 1,4,4a,5,6,7,8,8a-octahydro-1,4-endo-exo-5,8- dimethanonaphthalene	--	0.25			
111422	S	Diethanolamine	0.46	2			
109897	S	Diethylamine	5	15	C		
112367	S	Diethylene glycol diethyl ether, Ethyl diglyme	5	33			
111966	S	Diethylene glycol dimethyl ether, Diglyme	1	5.5		5	27
100378	S	2-(Diethylamino) ethanol	2	9.6			
123911		1,4-Diethylene dioxide; see p-Dioxane					
111400S		Diethylenetriamine	1	4			
60297		Diethyl ether; see Ethyl ether					
117817		Di-(2-ethylhexyl) phthalate; see Di-sec-octyl phthalate					

96220		Diethyl ketone	200	705	300	1057
84662		Diethyl phthalate	--	5		
75616		Difluorodibromomethane; dibromodifluoromethane	100	860		
2238075		Diglycidyl ether; DGE; bis(2,3-epoxypropyl) ether	0.1	0.5		
123319		p-Dihydroxybenzene; see Hydroquinone				
108838		Diisobutyl ketone; 2,6-dimethyl-4-heptanone	25	150		
108189	S	Diisopropylamine	5	20		
108203		Diisopropyl ether; see Isopryl ether				
109875		Dimethoxymethane; see Methylal				
127195	S	Dimethylacetamide	10	35		
124403		Dimethylamine	5	9.2	15	27.6
60117		4-Dimethylaminoazobenzene, see Section 5209				
1300738		Dimethylaminobenzene; see Xylidene				
121697	S	N,N-Dimethylaniline; dimethylphenylamine	5	25	10	50
1330207		Dimethylbenzene; see Xylene				
108849		1,3-Dimethylbutyl acetate; see sec-Hexyl acetate				
300765		o,o-Dimethyl o-(1,2-dibromo-2,2-dichloroethyl) phosphate; see Naled				
14857342		Dimethylethoxysilane	0.5	2.1	1.5	6.4
68122	S	Dimethylformamide; DMF	10	30		
108838		2,6-Dimethyl-4-heptanone; see Diisobutyl ketone				
57147	S	1,1-Dimethylhydrazine	0.01	0.025		
67641		Dimethyl ketone; see Acetone				
62759		N,N-Dimethylnitrosamine; see N-Nitrosodimethylamine, Section 5209				
131113		Dimethyl phthalate	--	5		
77781	S	Dimethyl sulfate; methyl sulfate	0.1	0.5		
148016		Dinitolmide; 3,5-Dinitro-o-toluamide	--	5		
528290,	S	Dinitrobenzene (all (isomers)				
99650,		ortho, meta and				
100254		para isomers	0.15	1		
534521	S	4,6-Dinitro-o-cresol; 2-methyl-4,6-dinitrophenol	--	0.2		
25321146	S	2,4-Dinitrotoluene	--	0.15		
123911	S	p-Dioxane;				
		1,4-dioxacyclohexane;	0.28	1.0		
		1,4-diethylene dioxide				
78342	S	Dioxathion	--	0.2		
92524		Diphenyl; see Biphenyl				
122394		Diphenylamine; N-phenylaniline	--	10		
101688		Diphenylmethane diisocyanate; see Methylene bis(phenylisocyanate)				
123193		Dipropyl ketone	50	235		
34590948	S	Dipropylene glycol methyl ether	100	600	150	900
85007		Diquat; 1,1'-ethylene-2,2'-dipyridinium dibromide	--			
		Total dust	--	0.5		
		Respirable fraction ⁽ⁿ⁾				
117817		Di-sec-octyl phthalate; bis(2 ethylhexyl) phthalate	--	5	--	
97778		Disulfiram	--	2		
298044	S	Disulfoton; o,o-diethyl S-2-(ethylthio)ethyl phosphorodithioate	--	0.1		
128370		2,6-Di-tert-butyl-p-cresol	--	10		

330541		Diuron	--	10			
68122		DMF; see Dimethylformamide					
57147		DMH; see 1,1-Dimethylhydrazine					
1321740		Divinyl benzene	10	50			
		Dust, nuisance dust and particulates, see Particulates not otherwise regulated					
12415348		Emery; see Particulates not otherwise regulated					
115297	S	Endosulfan; 6,7,8,9,10,10-hexachloro- 1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4, 3-benzodioxathiepin-3-oxide	--	0.1			
72208	S	Endrin; 1,2,3,4,10,10-hexachloro-6,7-epoxy- 1,4,4a,5,6,7,8,8a-octahydro-1,4-endo-endo-5, 8-dimethanonaphthalene	--	0.1			
13838169		Enflurane	2	15			
106898	S	Epichlorohydrin; 1-chloro-2, 3-epoxypropane	0.05	0.19			
2104645	S	EPN; o-ethyl o-(p-nitrophenyl) phenylphosphonothioate	--	0.1			
75569		1,2-Epoxypropane; see Propylene oxide					
556525		2,3-Epoxypropanol; see Glycidol					
74840		Ethane	(h)	--			
75081		Ethanethiol; see Ethyl mercaptan					
64175		Ethanol; see Ethyl alcohol					
141435		Ethanolamine; 2-aminoethanol	3	8		6	15
563122	S	Ethion	--	0.4			
110805	S	2-Ethoxyethanol	5	18			
111159	S	2-Ethoxyethyl acetate	5	27			
141786		Ethyl acetate	400	1,400			
140885	S	Ethyl acrylate	5	20		25	100
64175		Ethyl alcohol; ethanol	1,000	1,900			
75047	S	Ethylamine	5	9.2		C	
541855		Ethyl sec-amyl ketone; 5-methyl-3-heptanone	25	130			
100414		Ethylbenzene	5	22		30	130
74964	S	Ethyl bromide	5	22			
106354		Ethyl butyl ketone; 3-heptanone	50	230		75	345
75003	S	Ethyl chloride; chloroethane	100	264			
7085850		Ethyl cyanoacrylate	0.2	1.02			
673923		Ethyl tert-butyl ether	5	21			
74851		Ethylene	(h)	--			
107073	S	Ethylene chlorohydrin; 2-chloroethanol	1	3		C	
107153		Ethylenediamine; 1,2-diaminoethane	10	25			
106934	S	Ethylene dibromide; 1,2-dibromoethane, see Section 5219	0.13	1		C	
107062		Ethylene dichloride; 1,2-dichloroethane	1	4		200 ppm	2 8
107211		Ethylene glycol (vapor)	40	100		C	
629141	S	Ethylene glycol diethyl ether, 1,2-diethoxyethane	5	24			
110714	S	Ethylene glycol dimethyl ether, 1,2-dimethoxyethane, Glyme	1	3.7		5	18
628966	S	Ethylene glycol dinitrate		(k)		--	0.1
110805	S	Ethylene glycol monoethyl ether, see 2-Ethoxyethanol					
109864	S	Ethylene glycol monomethyl ether, see 2-Methoxyethanol					
110496	S	Ethylene glycol monomethyl ether acetate; see 2-Methoxyethyl acetate					
151564	S	Ethyleneimine; see also Section 5209	0.5	1			

75218		Ethylene oxide; see Section 5220	1	2	5	
60297		Ethyl ether	400	1,200	500	1500
109944		Ethyl formate	100	300		
75343		Ethylidene chloride; see 1,1-Dichloroethane				
16219753		Ethylidene norbornene	5	25		C
75081		Ethyl mercaptan; ethanethiol	0.5	1		
78933		Ethyl methyl ketone; see Methyl ethyl ketone				
100743	S	N-Ethylmorpholine; 4-ethyl-1,4-tetrahydrooxazine	5	23		
78104		Ethyl silicate; tetraethyl silicate	10	85		
22224926	S	Fenamiphos		0.1		
115902		Fensulfothion	--	0.1		
55389	S	Fenthion	--	0.2		
14484641		Ferbam; ferric N,N-dimethylthiocarbamate	--	10		
12604589		Ferrovandium dust	--	1	--	3
14808607		Fibrous glass, see Glass				
		Flour dust		0.5 ^(s)		
		Fluorides, as F	--	2.5		
7782414		Fluorine	0.1	0.2		
75694		Fluorocarbon 11; see Trichlorofluoromethane				
75718		Fluorocarbon 12; see Dichlorodifluoromethane				
75434		Fluorocarbon 21; see Dichlorofluoromethane				
75456		Fluorocarbon 22; see Chlorodifluoromethane				
76120		Fluorocarbon 112; see 1,1,2,2-Tetrachloro-1,2-difluoroethane				
76131		Fluorocarbon 113; see 1,1,2-Trichloro-1,2,2-trifluoroethane				
		Fluorocarbon 114; see 1,2-Dichlorotetrafluoroethane				
75694		Fluorotrichloromethane; see Trichlorofluoromethane				
944229	S	Fonofos	--	0.1		
50000		Formaldehyde, see Section 5217	0.75	--	2	--
75127	S	Formamide	10	18		
64186		Formic acid	5	9	10	19
98011	S	Furfural	2	8		
98000	S	Furfuryl alcohol	10	40	15	60
8006619		Gasoline	300	900	500	1500
7782652		Germanium tetrahydride	0.2	0.6		
		Glass, fibrous	1.0			
			f/cc _(q)			
111308		Glutaraldehyde ^(t)	0.05	0.2		C
56815		Glycerin mist; see Particulates not otherwise regulated				
123944		Glyceryl stearate	--	10		
556525		Glycidol; 2,3-epoxy-1-propanol	2	6.1		
111762		Glycol monobutyl ether; see 2-Butoxyethanol				
110805		Glycol monoethyl ether; see 2-Ethoxyethanol				
109864		Glycol monoethyl ether; see 2-Methoxyethanol				
107222		Glyoxal, 1,2-ethanedione		0.1 ^{(s), (u)}		
		Grain dust (oat, wheat, barley)	--	10		
7782425		Graphite, natural respirable dust		2.5		
		Graphite, synthetic				
		Total dust	--	10		
		Respirable fraction ^(m)	--	5		
13397245		Gypsum; Calcium sulfate dihydrate; see Particulates not otherwise regulated				
7440586		Hafnium	--	0.5		

151677		Halothane	2	16			
822060		HDI; see Hexamethylene diisocyanate					
7440597		Helium	(h)	--			
76448	S	Heptachlor; 1,4,5,6,7,8,8-hepta-chloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	--	0.05			
142825		n-Heptane	400	1,600		500	2000
118741	S	Hexachlorobenzene	--	0.002			
87683	S	Hexachlorobutadiene	0.02	0.24			
77474		Hexachlorocyclopentadiene	0.01	0.11			
67721	S	Hexachloroethane; perchloroethane	1	10			
1335871	S	Hexachloronaphthalene	--	0.2			
684162	S	Hexafluoroacetone; 1,1,1,3,3,3-hexafluoro-2-propanone	0.1	0.7			
822060		Hexamethylene diisocyanate; HDI	0.005	0.034			
110543	S	n-Hexane	50	180			
		Hexane, other isomers	500	1800		1000	3600
124094		1,6-Hexanediamine	0.5	2.3			
591786		2-Hexanone; see Methyl butyl ketone					
592416		1-Hexene	50	180			
108101		Hexone; see Methyl isobutyl ketone					
108849		sec-Hexyl acetate; 4-methyl-2-pentyl acetate; 1,3-dimethyl-butyl acetate	50	300			
107415		Hexylene glycol	25	125	C		
302012	S	Hydrazine	0.01	0.013			
10035106		Hydrobromic acid; see Hydrogen bromide					
7647010		Hydrochloric acid; see Hydrogen chloride					
74908		Hydrocyanic acid; see Hydrogen cyanide					
7664393		Hydrofluoric acid; see Hydrogen fluoride					
1333740		Hydrogen	(h)	--			
61788327		Hydrogenated terphenyls	0.5	5			
10035106		Hydrogen bromide	3	10	C		
7647010		Hydrogen chloride; muriatic acid	5	7	C		
74908	S	Hydrogen cyanide	4.7	5	C		
7664393	S	Hydrogen fluoride, as F	0.4	0.33		1	0.83
7722841		Hydrogen peroxide, as H ₂ O ₂	1	1.4			
7783075		Hydrogen selenide, as Se	0.05	0.2			
7783064		Hydrogen sulfide	10	14	50 ppm	15	21
123319		Hydroquinone; 1,4-benzenediol	--	2			
999611	S	2-Hydroxypropyl acrylate	0.5	3			
95136		Indene	10	48			
7440746		Indium	--	0.1			
		Indium compounds	--	0.1			
7553562		Iodine	0.1	1	C		
75478		Iodoform	0.6	10			
4098719		IPDI; see Isophorone diisocyanate					
1309371		Iron oxide fume	--	5			
13463406		Iron pentacarbonyl, as Fe	0.1	0.8		0.2	1.6
		Iron salts, soluble, as Fe	--	1			
123922		Isoamyl acetate; 3-methylbutyl acetate; see Pentyl acetate					
123513		Isoamyl alcohol; 3-methylbutanol	100	360		125	450
110190		Isobutyl acetate; 2-methylpropyl acetate	150	700			
78831		Isobutyl alcohol; 2-methylpropanol	50	150			
26675467		Isoflurane	2	15			
26952216	S	Isooctyl alcohol	50	270			
78591		Isophorone; 3,5,5-trimethyl-2-cyclohexene-1-one	4	23			

4098719	S	Isophorone diisocyanate; IPDI	0.005	0.045		0.02	--
109591		Isopropoxyethanol	25	105			
108214		Isopropyl acetate	250	950		310	1185
67630		Isopropyl alcohol	400	980		500	1225
75310		Isopropylamine	5	12		10	24
768525	S	N-isopropylaniline	2	10			
108203		Isopropyl ether; diisopropyl ether	250	1,050			
4016142		Isopropyl glycidyl ether; IGE; 1,2-epoxy-3-isopropoxypropane	50	240		75	360
1332587		Kaolin; (respirable dust containing no asbestos and <1% crystalline silica)	--	2			
463514		Ketene; ethenone	0.5	0.9		1.5	3
		Lead arsenate, see Sections 5214 and 5198					
7758976		Lead chromate, as Pb	--	0.02			
		as Cr	--	0.005			
		(see also Section 5198, 1532.1, 1532.2, 5206 & 8359)					
		Lead (metallic) and inorganic compounds, dust and fume, as Pb (see also Section 5198)	--	0.05			
78002		Lead tetraethyl, see Tetraethyl lead					
75741		Lead tetramethyl, see Tetramethyl lead					
1317653		Limestone; calcium carbonate; see Particulates not otherwise regulated					
58899	S	Lindane; 1,2,3,4,5,6-hexachlorocyclohexane, gamma isomer	--	0.5			
7580678		Lithium hydride	--	0.025			
		L.P.G.; liquefied petroleum gas	1,000	1,800			
4485125		Lithium stearate	--	10			
13717005		Magnesite; magnesium carbonate; see Particulates not otherwise regulated					
1309484		Magnesium oxide fume, as Mg	--	10			
557040		Magnesium stearate	--	10			
121755	S	Malathion; o,o-dimethyl S-1(1,2- dicarboethoxyethyl) phosphorodithioate	--	10			
108316		Maleic anhydride; cis-butenedioic anhydride	0.1	0.4			
		Manganese and compounds, as Mn	--	0.2			
7439965		Manganese fume, as Mn	--	0.2		--	3
12079651	S	Manganese, cyclopentadienyl-tricarbonyl, as Mn	--	0.1			
		Manganese tetroxide	--	0.2			
		Marble; calcium carbonate; see Particulates not otherwise regulated					
101779	S	MDA; see 4,4'-Methylene dianiline					
101688		MDI; see Methylene bis(phenylisocyanate)					
7439976	S	Mercury alkyls, as Hg	--	0.01	0.04 mg/M ³	--	0.03
7439976	S	Mercury, metallic and inorganic compounds as Hg	--	0.025	0.1 mg/M ³		
7439976	S	Mercury aryl compounds as Hg	--	0.01	C		
108678		Mesitylene; see 1,3,5-Trimethylbenzene					
141797		Mesityl oxide; 4-methyl-3-pentene-2-one	15	60		25	100
79414	S	Methacrylic acid	20	70			
74828		Methane	(h)	--			
74931		Methanethiol; see Methyl mercaptan					
67561		Methanol; see Methyl alcohol					
16752775	S	Methomyl	--	2.5			
72435		Methoxychlor; 1,1,1-trichloro-2, 2-bis(p-methoxyphenyl)ethane	--	10			
109864	S	2-Methoxyethanol	5	16			

110496		2-Methoxyethyl acetate	5	24			
76380		Methoxyflurane	2	13			
150765		4-Methoxyphenol	--	5			
79209		Methyl acetate	200	610		250	760
74997		Methyl acetylene; propyne	1,000	1,650			
		Methyl acetylene-propadiene mixture; MAPP	1,000	1,800		1250	2250
96333	S	Methyl acrylate	10	35			
126987	S	alpha-Methylacrylonitrile	1	3			
624419		2-Methylbutyl acetate; see Pentyl acetate					
109875		Methylal; dimethoxymethane	1,000	3,100			
67561	S	Methyl alcohol; methanol	200	260	1000 ppm	250	325
74895		Methylamine	5	6.4		15	19
108112		Methyl amyl alcohol; see Methyl isobutyl carbinol					
110430		Methyl n-amyl ketone; 2-heptanone	50	235			
100618	S	N-Methylaniline; monomethylaniline	0.5	2			
95534		o-Methylaniline; see o-Toluidine					
74839	S	Methyl bromide	1	3.88	20 ppm		
591786	S	Methyl n-butyl ketone; 2-hexanone	1	4		10	40
74873		Methyl chloride	50	105	300 ppm	100	210
71556		Methyl chloroform; 1,1,1-trichloroethane	350	1900	800 ppm	450	2450
107302		Methyl chloromethyl ether; see Section 5209					
75058		Methyl cyanide; see Acetonitrile					
137053		Methyl 2-cyanoacrylate	0.2	0.908		4	
108872		Methylcyclohexane	400	1,600			
25639423		Methylcyclohexanol (meta- and para-isomer mixture)	50	235			
583608	S	o-Methylcyclohexanone	50	230		75	345
12108133	S	2-Methylcyclopentadienyl manganese tricarbonyl, as Mn	--	0.2			
8022002	S	Methyl demeton; a mixture of o,o-dimethyl o-(2-(ethylthio)ethyl) phosphorothioate and o,o-dimethyl S-(2-(ethylthio)-ethyl) phosphorothioate	--	0.5			
101144	S	4,4'-Methylene bis(2-chloroaniline), see also Section 5215	--	0.01			
5124301		Methylene bis(4-cyclohexylisocyanate); hydrogenated MDI	0.005	0.054			
101688		Methylene bis(phenylisocyanate); MDI; diphenylmethane diisocyanate	0.005	0.051			
75092		Methylene chloride; dichloromethane (see also section 5202)	25	87		125	435
101779	S	4,4'-Methylene dianiline; MDA (see also Sections 1535 and 5200)	0.01	0.08		0.1	0.8
78933		Methyl ethyl ketone; MEK; 2-butanone; ethyl methyl ketone	200	590		300	885
1338234		Methyl ethyl ketone peroxide	0.2	1.5	C		
107313		Methyl formate	100	250		150	375
60344	S	Methyl hydrazine; monomethyl hydrazine	0.01	0.019			
74884	S	Methyl iodide	2	10			
110123		Methyl isoamyl ketone	50	234			
108112	S	Methyl isobutyl carbinol; 4-methyl-2-pentanol; methyl amyl alcohol	25	100		40	165
108101		Methyl isobutyl ketone; Hexone	50	205		75	300
624839	S	Methyl isocyanate	0.02	0.05			
563804		Methyl isopropyl ketone	200	705			

74931		Methyl mercaptan	0.5	1		
80626		Methyl methacrylate; methyl 2-methyl-2-propenoate	50	205	100	410
298000	S	Methyl parathion; o,o-dimethyl o-(p-nitrophenyl) phosphorothioate	--	0.2		
107879		Methyl propyl ketone; 2-pentanone	200	700	250	875
872504	S	N-Methylpyrrolidone (NMP); 1-Methyl-2-pyrrolidone; N-Methyl-2-pyrrolidone; 1-Methyl-2-pyrrolidinone	1	4		
681845		Methyl silicate; tetramethyl silicate	1	6		
98839		alpha-Methylstyrene; 1-methyl- 1-phenylethene	50	240	100	485
77781		Methyl sulfate; see Dimethyl sulfate				
1634044		Methyl tert-butyl ether; MTBE	40	144		
78944	S	Methyl vinyl ketone	0.05	0.14		C
21087649		Metribuzin	--	5		
7786347	S	Mevinphos; 2-carbomethoxyl- 1-propen-2-yl dimethyl phosphate	0.01	0.1	0.03	0.3
		Mica, see Silicates				
		Mineral wool fiber; see Particulates not otherwise regulated				
7439987		Molybdenum, insoluble compounds, as Mo	--			
		Total dust	--	10		
		Respirable fraction ⁽ⁿ⁾	--	3		
		Molybdenum, soluble compounds, as Mo	--	0.5 ⁽ⁿ⁾		
6923224		Monocrotophos	--	0.25		
100618		Monomethylaniline; see N-Methylaniline				
60344		Monomethylhydrazine; see Methyl hydrazine				
110918	S	Morpholine; tetrahydro-4H-1, 4-oxazine	20	70	30	105
7647010		Muriatic acid; see Hydrogen chloride				
300765	S	Naled; o,o-dimethyl o- (1,2-dibromo-2,2-dichloroethyl) phosphate	--	3		
8030317		Naphtha, coal tar	100	400		
91203	S	Naphthalene	0.1	0.5		
134327		alpha-Naphthylamine; 1-naphthylamine, see Section 5209				
91598		beta-Naphthylamine; 2-naphthylamine, see Section 5209				
63252		1-Naphthyl N-methylcarbamate; see Carbaryl				
25551284		Naphthalene diisocyanate; NDI	0.01	0.085		C
7440019		Neon	(h)			
13463393		Nickel carbonyl; Ni (CO) ₄	0.001	0.007		
7440020		Nickel metal, as Ni	--	0.5		
		Nickel, insoluble compounds, as Ni	--	0.1		
		Nickel, soluble compounds, as Ni	--	0.05		
12035722		Nickel subsulfide	--	0.05		
54115	S	Nicotine; 1-methyl-2-(3-pyridyl)-pyrrolidine	0.075	0.5		
1929824		Nitrapyrin	--			
		Total dust	--	10		
		Respirable fraction ⁽ⁿ⁾	--	5		
7697372		Nitric acid	2	5	4	10
10102439		Nitric oxide; NO	25	30		
100016	S	p-Nitroaniline	--	3		
98953	S	Nitrobenzene	1	5		
100005	S	p-Nitrochlorobenzene; 1-chloro-4-nitrobenzene	0.1	0.64		

92933		4-Nitrodiphenyl, see Section 5209					
79243		Nitroethane	100	310			
7727379		Nitrogen	(h)	--			
10102440		Nitrogen dioxide				1	1.8
		Nitrogen tetroxide; N ₂ O ₄ ; see Nitrogen dioxide					
7783542		Nitrogen trifluoride	10	29			
55630	S	Nitroglycerin		(k)		--	0.1
75525		Nitromethane	2	5			
108032		1-Nitropropane	25	90			
79469		2-Nitropropane	10	35			
62759		N-Nitrosodimethylamine, see Section 5209					
1321126, 99081, 88722, 99990	S	Nitrotoluene	2	11			
76062		Nitrotrichloromethane; see Chloropicrin					
10024972		Nitrous oxide	50	90			
111842		Nonane	200	1,050			
		Nuisance particulates, see Particulates not otherwise regulated					
		Total dust	--	10			
		Respirable fraction ⁽ⁿ⁾	--	5			
2234131	S	Octachloronaphthalene	--	0.1		--	0.3
111659		Octane	300	1,450		375	1800
8012951		Oil (mineral) mist, particulate	--	(5) ^(l)			
		Oil (vegetable) mists (except castor, cashew nut or similar irritant oils); see Nuisance particulates					
		Organic arsenic compounds; see Arsenic, organic					
20816120		Osmium tetroxide, as Os	0.0002	0.002		0.0006	0.006
144627		Oxalic acid	--	1		--	2
7783417		Oxygen difluoride	0.05	0.1	C		
10028156		Ozone	0.1	0.2		0.3	0.6
8002742		Paraffin wax fume	--	2			
1910425, 2074502	S	Paraquat, total particulates	--	0.5			
1910425, 2074502	S	Paraquat, respirable sizes	--	0.1 ⁽ⁿ⁾			
56382	S	Parathion; o,o-diethyl o-(p-nitrophenyl) phosphorothioate	--	0.1			
		Particulates not otherwise regulated					
		Total dust	--	10			
		Respirable fraction ⁽ⁿ⁾	--	5			
		Particulate polycyclic; aromatic hydrocarbons (PPAH) see Coal tar pitch volatiles					
		PCB; see Chlorodiphenyl					
87865	S	PCP; see Pentachlorophenol					
19624227		Pentaborane	0.005	0.01		0.015	0.03
1321648	S	Pentachloronaphthalene	--	0.5			
87865	S	Pentachlorophenol; PCP	--	0.5			
115775		Pentaerythritol; tetrakis- (hydroxymethyl)methane; tetra-methylolmethane; see Particulates not otherwise regulated					
109660		Pentane	600	1,800			
107879		2-Pentanone; see Methyl propyl ketone					

628637; 626380; 123922; 625161; 620111; 624419		Pentyl acetate	50	266		100	532
67721		Perchloroethane; see Hexachloroethane					
127184		Perchloroethylene	25	170	300 ppm	100	685
594423		Perchloromethyl mercaptan; trichloromethanethiol	0.1	0.8			
7616946		Perchloryl fluoride; ClO ₃ F	3	14		6	28
382218		Perfluoroisobutylene	0.01	0.082	C		
		Perlite					
		Total dust	--	10			
		Respirable fraction ⁽ⁿ⁾	--	5			
108952	S	Phenol	5	19			
92842	S	Phenothiazine; dibenzothiazine	--	5			
106503	S	p-Phenylenediamine	--	0.1			
101848		Phenyl ether, vapor	1	7			
100425		Phenylethylene; see Styrene					
122601	S	Phenyl glycidyl ether, PGE; 1,2-epoxy- 3-phenoxypropane	0.1	0.6			
100630	S	Phenylhydrazine	5	20		10	45
108985		Phenyl mercaptan	0.5	2			
638211		Phenylphosphine	0.05	0.25	C		
298022	S	Phorate; o,o-diethyl S-(ethylthio)methyl phosphorodithioate	--	0.05		--	0.2
75445		Phosgene; carbonyl chloride; COCl ₂	0.1	0.4			
7803512		Phosphine; PH ₃	0.3	0.4		1	1
7664382		Phosphoric acid	--	1		--	3
7723140		Phosphorus, yellow	--	0.1			
10025873		Phosphorus oxychloride	0.1	0.6			
10026138		Phosphorus pentachloride	0.1	1			
1314803		Phosphorus pentasulfide; P ₂ S ₅	--	1		--	3
7719122		Phosphorus trichloride	0.2	1.5		0.5	3
85449		Phthalic anhydride	1	6			
626175		m-Phthalodinitrile	--	5			
1918021		Picloram	--				
		Total dust	--	10			
		Respirable fraction ⁽ⁿ⁾	--	5			
88891	S	Picric acid; 2,4,6-trinitrophenol	--	0.1			
83261		Pindone; 2-pivalyl-1, 3-indandione		0.1			
142643		Piperazine dihydrochloride	--	5			
26499650		Plaster of Paris; calcium sulfate hemihydrate; see Particulates not otherwise regulated					
7440064		Platinum, metal	--	1			
		Platinum, soluble salts, as Pt	--	0.002			
		Polychlorobiphenyls, see Chlorodiphenyl					
		Polytetrafluoroethylene, decomposition products	--	(m)			
		Portland Cement; see Particulates not otherwise regulated					
1310583		Potassium hydroxide; caustic potash	--	2	C		
593293		Potassium stearate	--	10			
74986		Propane	1000	1800 ^(h)			
107197	S	Propargyl alcohol; 2-propyn-1-ol	1	2			
57578		beta-Propiolactone, see Section 5209	0.5	1.5			
79094		Propionic acid	10	30			
114261		Propoxur; 2-isopropoxyphenyl N-methyl					

		carbamate		0.5		
109604		n-Propyl acetate	200	840	250	1050
71238	S	n-Propyl alcohol	200	500	250	625
115071		Propylene	(h)	--		
78875		Propylene dichloride; 1,2-dichloropropane	75	350	110	510
6423434	S	Propylene glycol dinitrate; PGDN	0.05	0.3		
107982	S	Propylene glycol monomethyl ether	100	360	150	540
108656	S	Propylene glycol monomethyl ether acetate	100	541	150	811
75558	S	Propyleneimine; 2-methylaziridine	2	5		
75569		Propylene oxide; 1,2-epoxy-propane	2	4.75		
627134		n-Propyl nitrate	25	107	40	170
74997		Propyne; see Methylacetylene				
8003347		Pyrethrum	--	5		
110861		Pyridine	5	15		
106514		Quinone	0.1	0.4		
121824		RDX; see Cyclonite				
		Refractory ceramic fiber		0.2f/cc ^(q)		
108463		Resorcinol	10	45	20	90
7440166		Rhodium, metal	--	0.1		
		Insoluble compounds, as Rh	--	0.1		
		Soluble salts, as Rh	--	0.001		
299843		Ronnel; o,o-dimethyl o-(2,4,5-trichlorophenyl) phosphorothioite	--	10		
		Rosin core solder, pyrolysis products, as formaldehyde	--	0.1		
83794		Rotenone, commercial	--	5		
1309371		Rouge; see Particulates not otherwise regulated				
		Rubber solvent (Naphtha)	400	1,600		
		Selenium compounds, as Se	--	0.2		
7783791		Selenium hexafluoride	0.05	0.4		
136787		Sesone; sodium 2,4-dichloro-phenoxyethyl sulfate				
		Total dust	--	10		
		Respirable fraction ⁽ⁿ⁾	--	5		
61790532		Silica, amorphous				
		Diatomaceous earth				
		Total dust	--	6		
		Respirable fraction ⁽ⁿ⁾	--	3		
		Precipitated and gel	--	6		
		Silica, crystalline				
14464461		Cristobalite, respirable dust	--	0.05		
14808607		Quartz, respirable dust	--	0.1		
14808607		Quartz, total dust	--	0.3		
60676860		Silica, fused, respirable dust	--	0.1		
15468323		Tridymite, respirable dust	--	0.05		
1317959		Tripoli, respirable dust	--	0.1		
		Silicates (<1% crystalline silica)				
12001262		Mica (respirable dust)	--	3		
		Soapstone, total dust	--	6		
		Soapstone, respirable dust	--	3		
		Talc (containing asbestos); see Section 5208				
14807966		Talc (containing no asbestos fibers), respirable dust	--	2		
		Tremolite (containing no asbestos fibers), respirable dust	--	2		
7440213		Silicon; see Particulates not otherwise regulated				

409212		Silicon carbide; SiC; see Particulates not otherwise regulated					
7803625		Silicon tetrahydride; silane	5	7			
7440224		Silver metal, as Ag	--	0.01			
		Silver, soluble compounds, as Ag	--	0.01			
		Soapstone, see Silicates					
26628228	S	Sodium azide	0.1	0.3		C	
7631905		Sodium bisulfite	--	5			
136787		Sodium 2,4-dichlorophenoxyethyl sulfate; see Sesone					
62748	S	Sodium fluoroacetate	--	0.05			-- 0.15
1310732		Sodium hydroxide; caustic soda	--	2		C	
7681574		Sodium metabisulfite	--	5			
822162		Sodium stearate	--	10			
9005258		Starch; see Particulates not otherwise regulated					
7789062		Strontium chromate, as Cr (see also Sections 1532.2, 5206 & 8359)	--	0.0005			
		Stearates; see specific compound					
7803523		Stibine; SbH ₃	0.1	0.5			
8052413		Stoddard solvent	100	525			
57249		Strychnine	--	0.15			
100425	S	Styrene (monomer); phenylethylene	50	215	500 ppm		100 425
9014011		Subtilisins (as pure crystalline proteolytic enzymes)	--				0.00006 ⁽⁹⁾
57501		Sucrose; see Particulates not otherwise regulated					
74222972		Sulfometuron methyl	--	3.5			
3689245	S	Sulfotep; tetraethyl dithionopyrophosphate		0.2			
7446095		Sulfur dioxide	2	5			5 10
2551624		Sulfur hexafluoride	1,000	6,000			
7664939		Sulfuric acid	--	0.1			-- 3
10025679		Sulfur monochloride; S ₂ Cl ₂	1	6		C	
5714227		Sulfur pentafluoride; S ₂ F ₁₀	0.01	0.1		C	
7783600		Sulfur tetrafluoride	0.1	0.4		C	
2699798		Sulfuryl fluoride; SO ₂ F ₂	5	20			10 40
35400432		Sulprofos		1			
93765		2,4,5-T; 2,4,5-trichlorophenoxyacetic acid	--	10			
		Talc; see Silicates					
7440257		Tantalum metal dust, as Ta	--	5			
1314610		Tantalum oxide dust, as Ta	--	5			
78308		TCP; see Triorthocresyl phosphate					
584849		TDI; see Toluene-2,4-diisocyanate					
3689245	S	TEDP; see Sulfotep					
		Tellurium and compounds, as Te	--	0.1			
7783804		Tellurium hexafluoride	0.02	0.2			
3383968		Temephos; o,o,o',o'-tetramethyl o,o'- thiodi-p-phenylene phosphorothioate					
		Total dust	--	10			
		Respirable fraction ^(m)	--	5			
107493	S	TEPP; tetraethyl pyrophosphate;	0.004	0.05			
100210		Terephthalic acid	--	10			
		Terphenyls	0.5	5		C	
79276		1,1,2,2-Tetrabromoethane; see Acetylene tetrabromide					
76119		1,1,1,2-Tetrachloro-2,2-difluoroethane	500	4170			
76120		1,1,2,2-Tetrachloro-1,2-difluoroethane; fluorocarbon 112	500	4,170			
79345	S	1,1,2,2-Tetrachloroethane; acetylene					

		tetrachloride	1	7				
127184		Tetrachloroethylene; see Perchloroethylene						
56235		Tetrachloromethane; see Carbon tetrachloride						
1335882	S	Tetrachloronaphthalene	--	2				
3689245		Tetraethyl dithionopyrophosphate; see Sulfotep						
78002	S	Tetraethyl lead; tetraethylplumbane, as Pb	--	0.075				
107493		Tetraethyl pyrophosphate; see TEPP						
109999		Tetrahydrofuran	200	590		250		735
75741	S	Tetramethyl lead; tetramethylplumbane, as Pb	--	0.075				
115775		Tetramethylolmethane; see Pentaerythritol						
3333526	S	Tetramethyl succinonitrile (decomposition product of 2,2'-azobisisobutyronitrile)	0.5	3				
137268		Tetramethyl thiuram disulfide, see Thiram						
509148		Tetranitromethane	0.005	0.04				
7722885		Tetrasodium pyrophosphate	--	5				
479458	S	Tetryl; 2,4,6-trinitrophenylmethylnitramine	--	1.5				
	S	Thallium, soluble compounds, as Tl	--	0.1				
109999		THF; see Tetrahydrofuran						
96695		4,4'-Thiobis(6-tert-butyl-m-cresol)	--					
		Total dust	--	10				
		Respirable fraction ⁽ⁿ⁾	--	5				
68111	S	Thioglycolic acid	1	3.8				
7719097		Thionyl chloride	1	5	C			
137268		Thiram; bis(dimethylthiocarbamoyl) disulfide	--	5				
	S	Tin, organic compounds, as Sn	--	0.1		--		0.2
21651194		Tin, tin oxide and inorganic compounds, except SnH ₄ , as Sn	--	2				
13463677		Titanium dioxide, as Ti; see Particulates not otherwise regulated						
137268		TMTD; see Thiram						
118967		TNT; see 2,4,6-Trinitrotoluene						
108883	S	Toluene; toluol	10	37	500 ppm	150		560
584849		Toluene-2,4-diisocyanate; TDI	0.005	0.04	0.02 ppm	0.02		0.15
108441	S	m-Toluidine	2	9				
95534	S	o-Toluidine; o-methylaniline	2	9				
106490	S	p-Toluidine	2	9				
8001352		Toxaphene; see Chlorinated camphene						
115866		TPP; see Triphenyl phosphate						
		Tremolite, nonasbestiform; see Silicates						
75252		Tribromomethane; see Bromoform						
126738		Tributyl phosphate	0.2	2.5				
76039		Trichloroacetic acid	1	5				
120821		1,2,4-Trichlorobenzene	5	40	C			
50293		1,1,1,-Trichloro-2,2-bis(p-chlorophenyl)ethane; see DDT						
71556		1,1,1-Trichloroethane; see Methyl chloroform						
79005	S	1,1,2-Trichloroethane	10	45				
79016		Trichloroethylene; trichloroethene	25	135	300 ppm	100		537
75694		Trichlorofluoromethane; Fluorocarbon 11	1,000	5,600	C			
67663		Trichloromethane; see Chloroform						
594423		Trichloromethanethiol; see Perchloromethyl mercaptan						
1321659	S	Trichloronaphthalene	--	5				
76062		Trichloronitromethane; see Chloropicrin						
93765		2,4,5-Trichlorophenoxyacetic acid see 2,4,5-T						

96184		1,2,3-Trichloropropane	10	60			
76131		1,1,2-Trichloro-1,2,2- trifluoroethane	1000	7600	2000 ppm	1250	9500
78308		Tricresyl phosphate; see Triorthocresyl phosphate					
13121705		Tricyclohexyltin hydroxide; see Cyhexatin					
102716		Triethanolamine	--	5			
121448	S	Triethylamine	1	4.1	C		
112492	S	Triethylene glycol dimethyl ether, Triglyme	5	36			
75638		Trifluorobromomethane	1,000	6,100			
2451629		1,3,5-Triglycidyl-s-triazinetriene		0.005			
552307		Trimellitic anhydride	0.005	0.04	C		
75503		Trimethylamine	5	12		15	36
		Trimethylbenzene, all isomers	25	125			
121459		Trimethyl phosphite	2	10			
88891		2,4,6-Trinitrophenol; see Picric acid					
479458		2,4,6-Trinitrophenylmethyl nitramine; see Tetryl					
118967	S	2,4,6-Trinitrotoluene; TNT	--	0.5			
78308	S	Triorthocresyl phosphate	--	0.1			
603349		Triphenylamine	--	5			
115866	S	Triphenyl phosphate; TPP	--	3			
7440337		Tungsten metal, as W	--	5			
		Tungsten, insoluble compounds, as W	--	5		--	10
		Tungsten, soluble compounds, as W	--	1		--	3
8006642		Turpentine	100	560			
		Uranium (natural), insoluble compounds, as U	--	0.2		--	0.6
		Uranium (natural), soluble compounds, as U	--	0.05			
110623		Valeraldehyde	50	175			
1314621		Vanadium pentoxide (V ₂ O ₅), respirable dust and fume	--	0.05 ⁽ⁿ⁾			
75014	S	VC; see Vinyl chloride, Section 5210					
		Vegetable oil mists (except castor, cashew nut or similar irritant oils); see Particulates not otherwise regulated					
108054		Vinyl acetate	10	30		15	45
100425		Vinylbenzene; see Styrene					
593602		Vinyl bromide; bromoethylene	0.1	0.44			
75014	S	Vinyl chloride, see Section 5210	1				
107131	S	Vinyl cyanide, see Acrylonitrile, Section 5213					
100403	S	4-Vinyl cyclohexene	0.1	0.4			
106876	S	Vinyl cyclohexene dioxide	0.1	0.57			
75025		Vinyl fluoride	0.2	0.38			
75354		Vinylidene chloride; 1,1-dichloroethylene	1	4			
75387		Vinylidene fluoride	100	262			
25013154		Vinyltoluene	50	240			
8030306		VM & P (Varnish Makers and Painters) Naphtha	300	1,350		400	1800
81812		Warfarin; 3-(alpha-acetonyl-benzyl)-4-hydroxycoumarin	--	0.1			
		Welding fumes; total particulates (see also individual constituents)	--	5			
		Wood dust	--				
		All soft and hard woods, except Western red cedar	--	5		--	10
		Wood dust, Western red cedar--	--	2.5			
1330207		Xylene; xylol; dimethylbenzene	100	435	300 ppm	150	655
1477550	S	m-Xylene-a,a'-diamine	--	0.1	C		

1300738	S	Xylidine; aminodimethylbenzene	0.5	2.5		
		Yttrium compounds, as Y	--	1		
7646857		Zinc chloride fume	--	1	--	2
13530659		Zinc chromate, as Cr (see also Sections 1532.2, 5206 & 8359)	--	0.005		
15930946		Zinc chromate hydroxide, as Cr (see also Sections 1532.2, 5206 & 8359)	--	0.005		
1314132		Zinc oxide fume	--	5	--	10
		Zinc oxide dust, see Particulates not otherwise regulated				
11103869		Zinc potassium chromate, as Cr (see also Sections 1532.2, 5206 & 8359)	--	0.005		
557051		Zinc stearate	--	10		
37300235		Zinc yellow, as Cr (see also Sections 1532.2, 5206 & 8359)	--	0.005		
		Zirconium compounds, as Zr	--	5	--	10