Table 2: Protective Action Criteria (PAC) Rev 27 based on applicable 60-minute AEGLs, ERPGs, or TEELs. The chemicals are listed in alphabetical order. February 2012

Table 2 is an alphabetical list of the chemical substances and their corresponding PAC values. For the most part, values are given in parts per million (ppm) for gases and volatile liquids and in milligrams per cubic meter (mg/m^3) for solids, particulates (aerosols), and nonvolatile liquids.

The columns presented in Table 2 provide the following information:

Heading	Definition
No.	The ordered numbering of the chemicals as they appear in this alphabetical listing
Chemical Name	The name of the chemical substance submitted to the PAC development team
CASRN	The Chemical Abstracts Service Registry Number[1] for each chemical
PAC-1	Based on the applicable AEGL-1, ERPG-1, or TEEL-1 value
PAC-2	Based on the applicable AEGL-2, ERPG-2, or TEEL-2 value
PAC-3	Based on the applicable AEGL-3, ERPG-3, or TEEL-3 value
Units	The units for the PAC values (ppm or mg/m^3)

Chemicals for which **AEGLs** are available have their chemical name, CASRN, and the AEGL values displayed in a **bolded and larger** font. Chemicals for which **ERPGs** are available, but no AEGLs, have their chemical name, CASRN, and the ERPG values displayed in a **bolded** font. Chemicals for which only TEELs are available, have their chemical name, CASRN, and values displayed using a regular font.

Some values in Table 2 have the following text formatting:

- ***Bold, green, and italicized*** font indicates the PAC value is between 10% and up to 50% of the LEL (10% LEL ≤ PAC < 50% LEL).
- ***Bold, underlined, pink, and italicized*** font indicates the PAC value is between 50% and up to 100% of the LEL (50% LEL ≤ PAC < 100% LEL).
- ***Bold, double underlined, red, and italicized*** font indicates the PAC value is at 100% or more of the LEL (PAC ≥ LEL).

Additional information on PAC values, TEEL values, and links to other sources of information is provided on the Subcommittee on Consequence Assessment and Protective Actions (SCAPA) webpage at: http://orise.orau.gov/emi/scapa/teels.htm.

[1] Information on the Chemical Abstracts Service and CASRNs is provided at http://info.cas.org/.

Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1	Acacia; (Gum arabic)	9000-01-5	37	410	3,200	mg/m^3
2	Acenaphthene	83-32-9	3.6	40	240	mg/m^3
3	Acenaphthylene	208-96-8	10	110	660	mg/m^3
4	**Acetaldehyde**	**75-07-0**	**45**	**270**	**840**	ppm
5	Acetamide	60-35-5	8.7	96	1,400	mg/m^3
6	Acetanilide	103-84-4	0.28	3.1	61	mg/m^3
7	**Acetic acid**	**64-19-7**	**5**	**35**	**250**	ppm
8	Acetic acid ethenyl ester, polymer with 1,1-bis(ethenyloxy) butane and ethenol	27360-07-2	30	330	2,000	mg/m^3
9	Acetic acid, 2-propenyl ester	591-87-7	0.42	4.6	28	ppm
10	Acetic acid, lithium salt	546-89-4	5.1	56	330	mg/m^3
11	Acetic acid, manganese(2+) salt, tetrahydrate	6156-78-1	13	22	740	mg/m^3
12	Acetic acid, manganese(II) salt (2:1)	638-38-0	9.4	16	580	mg/m^3
13	**Acetic anhydride**	**108-24-7**	**0.5**	**15**	**100**	ppm
14	**Acetone**	**67-64-1**	**200**	***3,200***	***5,700***	ppm
15	Acetone thiosemicarbazide	1752-30-3	9.1	100	100	mg/m^3
16	Acetone-d6	666-52-4	200	***3,200***	***5,700***	ppm
17	**Acetonitrile**	**75-05-8**	**13**	**320**	**670**	ppm
18	Acetonitrile-d3	2206-26-0	13	320	670	ppm
19	Acetophenone	98-86-2	10	10	53	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
Bold, green italics: 10% LEL ≤ PAC < 50% LEL; bold, underlined, pink italics: 50% LEL ≤ PAC < 100% LEL; bold, double underlined, red italcs: PAC ≥ LEL.

Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
20	Acetoxytriphenylstannane	900-95-8	0.69	20	25	mg/m^3
21	Acetyl bromide	506-96-7	0.16	1.8	11	ppm
22	Acetyl carbinol; (Acetol (1); 1-Hydroxy-2-propanone)	116-09-6	6.6	73	440	mg/m^3
23	Acetyl chloride	75-36-5	0.85	9.4	56	ppm
24	Acetyl triethyl citrate	77-89-4	1.9	21	1,400	mg/m^3
25	Acetylaminofluorene, 2-	53-96-3	0.45	4.9	88	mg/m^3
26	Acetylaminofluorenone, 2-	3096-50-2	0.16	1.7	10	mg/m^3
27	Acetylene	74-86-2	***65,000***	***2.30E+05***	***4.00E+05***	ppm
28	**Acrolein**	**107-02-8**	**0.03**	**0.1**	**1.4**	ppm
29	Acrylamide	79-06-1	10	110	110	mg/m^3
30	Acrylamide, N,N'-methylenebisacrylamide copolymer	25034-58-6	30	330	2,000	mg/m^3
31	**Acrylic acid**	**79-10-7**	**1.5**	**46**	**180**	ppm
32	Acrylic acid polymers; (Acrylic polymer or resin)	9003-01-4	7.5	83	500	mg/m^3
33	**Acrylonitrile**	**107-13-1**	**4.6**	**57**	**100**	ppm
34	Acrylyl chloride; (Acryloyl chloride)	814-68-6	0.022	0.24	0.87	ppm
35	**Adamsite; (Phenarsazine chloride)**	**578-94-9**	**0.016**	**2.6**	**6.4**	mg/m^3
36	Adipic acid	124-04-9	15	330	1,000	mg/m^3
37	Adipic acid, diethylene glycol, trimethylolpropane, phthalic anhydride, toluenediisocyanate polymer, isocyanate terminated	68609-57-4	30	330	2,000	mg/m^3
38	Adiponitrile	111-69-3	2	3.8	17	ppm

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
39	Aerosol, A-102; (Poly(oxy-1,2-ethanediyl), alpha-(3-carboxy-1-oxo-3-sulfopropyl)-omega-(dodecyloxy)-, disodium salt)	39354-45-5	92	1,000	6,100	mg/m^3
40	Agar	9002-18-0	110	1,200	2,200	mg/m^3
41	Agarose, type VII (low gelling temperature); (Sepharose)	9012-36-6	30	330	2,000	mg/m^3
42	Alamine 336	68814-95-9	17	180	1,100	mg/m^3
43	Albumin (bovine)	9048-46-8	30	330	1.00E+05	mg/m^3
44	Alcohol oxidase	9073-63-6	30	330	2,000	mg/m^3
45	Alcohols, C6-C12 (N.O.S.)	68603-15-6	30	330	2,000	mg/m^3
46	Aldrin; (1,2,3,4,10,10-Hexachloro-1,4,4a,5,8,8a-hexahydro-1,4-endo,exo-5,8-dimethanonaphthalene)	309-00-2	0.91	10	100	mg/m^3
47	Aldrithiol-2; (2,2'-Dithiodipyridine)	2127-03-9	30	330	2,000	mg/m^3
48	Aliquat 336; (Adogen 464; Quaternary ammonium compounds, tri(C8-10)-alkylmethyl-, chlorides)	63393-96-4	2	22	130	mg/m^3
49	Alizarin; (1,2-Dihydroxyanthraquinone; Turkey red oil)	72-48-0	0.18	2	12	mg/m^3
50	Alizarine Red S, Monohydrate; (Sodium alizarin-3-sulfonate)	130-22-3	0.23	2.5	15	mg/m^3
51	Alkanes, C4-C12	68333-81-3	300	385	***5,000***	ppm
52	Alkenyl dimethylethyl ammonium bromide; (Aliphatic hydrocarbon)	z-0108	1.5	17	99	mg/m^3
53	Alkyl benzenes (C8-C9)	z-0109	30	330	2,000	mg/m^3
54	Alkyl dimethylbenzyl ammonium chloride; (Benzalkonium chloride)	8001-54-5	4.7	48	48	mg/m^3
55	Alkylamines	63231-48-1	30	330	2,000	mg/m^3
56	Alkylbenzene (C10-C16)	68648-87-3	3.7	41	240	mg/m^3
57	Alkylbenzyldimethyl ammonium chloride, (C12-C18)	68391-01-5	0.22	2.5	60	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
58	Allene; (1,2-Propadiene)	463-49-0	6.7	73	440	ppm
59	**Allyl alcohol**	**107-18-6**	**5.1**	**13**	**40**	ppm
60	Allyl bromide; (3-Bromopropene)	106-95-6	1.1	12	73	ppm
61	**Allyl chloride**	**107-05-1**	**2.8**	**54**	**140**	ppm
62	**Allyl chlorocarbonate**	**2937-50-0**	0.064	**0.7**	**2.1**	ppm
63	Allyl isothiocyanate; (Mustard oil)	57-06-7	1	2	5.5	ppm
64	**Allylamine**	**107-11-9**	**0.42**	**3.3**	**18**	ppm
65	Allylmagnesium bromide	1730-25-2	30	330	2,000	mg/m^3
66	**Allyltrichlorosilane**	**107-37-9**	**0.6**	**7.3**	**33**	ppm
67	Alpha,alpha,4-trimethyl-3-cyclohexene-1-methanol, (S)-; (alpha-Terpineol)	10482-56-1	22	240	1,000	mg/m^3
68	Alpha-hydroxybenzeneacetic acid, (+-)-; (DL-mandelic acid)	611-72-3	25	270	1,600	mg/m^3
69	Aluminon	569-58-4	8.1	89	1,800	mg/m^3
70	Aluminum	7429-90-5	3	33	200	mg/m^3
71	Aluminum acetate, basic	7360-44-3	27	290	1,800	mg/m^3
72	Aluminum carbide	1299-86-1	3	33	200	mg/m^3
73	Aluminum chloride	7446-70-0	9.9	9.9	360	mg/m^3
74	Aluminum chloride hexahydrate	7784-13-6	18	18	660	mg/m^3
75	Aluminum fluoride	7784-18-1	19	59	360	mg/m^3
76	Aluminum grey LB; (Acid black 60)	12218-95-0	30	330	2,000	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
77	Aluminum hexafluorosilicate	17099-70-6	11	120	700	mg/m^3
78	Aluminum hydroxide	21645-51-2	3	79	120	mg/m^3
79	Aluminum oxide hydrate	1333-84-2	1.5	15	25	mg/m^3
80	Aluminum oxide; (Alumina)	1344-28-1	1.5	15	25	mg/m^3
81	Aluminum phosphate; (Phosphoric acid, aluminum salt (1:1), solution)	7784-30-7	3	260	540	mg/m^3
82	**Aluminum phosphide**	**20859-73-8**	0.42	**2**	**3.6**	ppm
83	Aluminum potassium sulfate	10043-67-1	19	19	59	mg/m^3
84	Aluminum potassium sulfate, dodecahydrate	7784-24-9	35	35	69	mg/m^3
85	Aluminum sulfate	10043-01-3	13	13	41	mg/m^3
86	Aluminum tris(dihydrogen phosphate); (Phosphoric acid, aluminum salt (3:1))	13530-50-2	3	33	200	mg/m^3
87	Aluminum yellow 4A; (Acid yellow 99)	10343-58-5	30	330	2,000	mg/m^3
88	Aluminum(III) isopropylate	555-31-7	3	370	2,200	mg/m^3
89	Aluminum(III) nitrate (1:3)	13473-90-0	16	16	40	mg/m^3
90	Aluminum(III) nitrate nonahydrate (1:3:9)	7784-27-2	28	28	730	mg/m^3
91	Aluminum(III) silicate (2:1); (Kyanite; Oil-dri)	1302-76-7	3	33	200	mg/m^3
92	Amberlite IR-120(PLUS) ion-exchange resin	78922-04-0	3	33	200	mg/m^3
93	Amberlite IR-120plus ion-exchange resin, sodium form; (Cation exchange resin)	9002-23-7	3	33	200	mg/m^3
94	Amberlite IRA-400(CI); (Amberlite IRA-400, ion-exchange resin)	9002-24-8	30	330	2,000	mg/m^3
95	Amberlite IRA-400(CL); (Ion exchange resin)	122560-63-8	30	330	2,000	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
96	Amberlite MB-1 ion-exchange resin; (Amberlite MB-150)	100915-96-6	15	170	990	mg/m^3
97	Amberlite XAD-16 resin	104219-63-8	15	170	990	mg/m^3
98	Amberlite XAD-2 resin, purified	9060-05-3	30	330	2,000	mg/m^3
99	Amberlite XAD-7HP	37380-43-1	30	330	2,000	mg/m^3
100	Amberlyst 15 ion-exchange resin	9037-24-5	30	330	2,000	mg/m^3
101	Amino-1,3-naphthalenedisulfonic acid, 7-	86-65-7	1.1	12	72	mg/m^3
102	Amino-1-propanol, 3-	156-87-6	8.3	91	550	mg/m^3
103	Amino-2-(hydroxymethyl)-1,3-propanediol, 2-, acetate salt; (Trizma acetate)	6850-28-8	18	190	1,200	mg/m^3
104	Amino-2-methyl-2-propanol, 1-	2854-16-2	3.9	43	260	mg/m^3
105	Amino-4,6-dinitrotoluene, 2-	35572-78-2	4.2	46	280	mg/m^3
106	Aminoacetaldehyde diethyl acetal; (2,2-Diethoxyethylamine)	645-36-3	6	66	400	mg/m^3
107	Aminoacetaldehyde dimethyl acetal; (2,2-Dimethoxyethylamine)	22483-09-6	30	330	2,000	mg/m^3
108	Aminoanthraquinone, 2-	117-79-3	1.6	17	590	mg/m^3
109	Aminobenzoic acid, p-	150-13-0	9.3	9.3	310	mg/m^3
110	Aminobutyl)diethoxymethylsilane, (4-	3037-72-7	4.1	45	45	mg/m^3
111	Aminodiphenyl, p-	92-67-1	0.49	5.4	99	mg/m^3
112	Aminoethoxy)ethanol, 2-(2-	929-06-6	9	99	590	mg/m^3
113	Aminoethyl)diphenylborinic acid, o-(2-; (Diphenylboronic acid, ethanolamine ester)	524-95-8	0.18	2	12	mg/m^3
114	Aminoethylethanolamine	111-41-1	9	99	590	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
115	Aminoethylpiperazine, N-	140-31-8	0.45	4.9	420	mg/m^3
116	Aminoheptane, 3-; (3-Heptylamine)	28292-42-4	0.049	0.54	3.2	ppm
117	Aminoiminomethyl)urea sulfate(2:1), (	591-01-5	30	330	2,000	mg/m^3
118	Aminophenol, 2-; (Aminophenol, o-)	95-55-6	4.4	48	260	mg/m^3
119	Aminophenol, m-	591-27-5	0.056	0.61	51	mg/m^3
120	Aminopropiophenone, 4-	70-69-9	0.51	5.6	35	mg/m^3
121	Aminopropylmethyldiethoxysilane, 3-	3179-76-8	13	140	860	mg/m^3
122	Aminopropyltriethoxysilane; (3-(Triethoxysilyl)-1-propanamine)	919-30-2	0.34	3.8	350	mg/m^3
123	Aminopterin; (Aminopteridine)	54-62-6	2.3	25	25	mg/m^3
124	Aminopyrazine	5049-61-6	1.5	2.5	5	ppm
125	Aminopyridine, 4-; (4-Pyridinamine)	504-24-5	1.8	20	20	mg/m^3
126	Amiton oxalate	3734-97-2	0.27	3	3	mg/m^3
127	Amiton; (O,O-Diethyl-S-(2-diethylaminoethyl) thiophosphate)	78-53-5	0.3	3.3	3.3	mg/m^3
128	Amitrole	61-82-5	0.6	8.2	220	mg/m^3
129	**Ammonia**	**7664-41-7**	**30**	**160**	**1,100**	ppm
130	Ammonia-d3	13550-49-7	30	160	1,100	ppm
131	Ammonium acetate	631-61-8	4.6	50	250	mg/m^3
132	Ammonium aluminum fluoride; (Triammonium hexafluoroaluminate)	7784-19-2	13	140	860	mg/m^3
133	Ammonium benzoate	1863-63-4	2.5	27	160	mg/m^3

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No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
134	Ammonium bicarbonate	1066-33-7	4.7	52	310	mg/m^3
135	Ammonium bisulfate; (Ammonium hydrogen sulfate)	7803-63-6	0.0022	0.024	0.14	mg/m^3
136	Ammonium bisulfite; (Ammonium hydrogen sulfite)	10192-30-0	30	330	2,000	mg/m^3
137	Ammonium bromide	12124-97-9	8.1	89	530	mg/m^3
138	Ammonium carbamate; (Carbamic acid, ammonium salt)	1111-78-0	0.23	2.6	15	mg/m^3
139	Ammonium carbonate	506-87-6	0.31	3.5	21	mg/m^3
140	Ammonium chloride	12125-02-9	20	41	330	mg/m^3
141	Ammonium chromate	7788-98-9	0.015	0.15	46	mg/m^3
142	Ammonium citrate	7632-50-0	1.1	12	72	mg/m^3
143	Ammonium citrate tribasic	3458-72-8	0.69	7.7	46	mg/m^3
144	Ammonium citrate, dibasic	3012-65-5	0.65	7.1	43	mg/m^3
145	Ammonium dichromate	7789-09-5	0.12	0.13	38	mg/m^3
146	Ammonium dihydrogen phosphate; (Monoammonium phosphate)	7722-76-1	12	130	790	mg/m^3
147	Ammonium ferrous sulfate hexahydrate	7783-85-9	9.6	110	640	mg/m^3
148	Ammonium fluoborate	13826-83-0	3.4	3.4	690	mg/m^3
149	Ammonium fluoride	12125-01-8	15	160	980	mg/m^3
150	Ammonium formate	540-69-2	3.7	41	240	mg/m^3
151	Ammonium hexachlorohydrate (III)	z-0001	30	330	2,000	mg/m^3
152	Ammonium hexafluorosilicate; (Ammonium silicofluoride)	16919-19-0	12	130	780	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
153	Ammonium hydrogen fluoride; (Ammonium bifluoride)	1341-49-7	11	130	750	mg/m^3
154	Ammonium hydrogen oxalate hemihydrate	37541-72-3	6	66	400	mg/m^3
155	Ammonium hydroxide	1336-21-6	61	330	2,300	ppm
156	Ammonium iodide	12027-06-4	8.3	91	550	mg/m^3
157	Ammonium lactate	515-98-0	30	330	2,000	mg/m^3
158	Ammonium lignin sulfonate	8061-53-8	30	330	2,000	mg/m^3
159	Ammonium molybdate(VI) tetrahydrate	12054-85-2	2.8	11	66	mg/m^3
160	Ammonium molybdate; (Diammonium molybdate)	13106-76-8	20	20	130	mg/m^3
161	Ammonium molybdophosphate	12026-66-3	2.4	27	160	mg/m^3
162	Ammonium nickel sulfate	15699-18-0	1.5	13	79	mg/m^3
163	Ammonium nitrate	6484-52-2	6.7	73	440	mg/m^3
164	Ammonium oxalate monohydrate	5972-73-6	1.1	12	71	mg/m^3
165	Ammonium oxalate; (Diammonium oxalate monohydrate)	6009-70-7	1.1	12	71	mg/m^3
166	Ammonium oxalate; (Ethanedioic acid, diammonium salt)	1113-38-8	33	370	2,200	mg/m^3
167	Ammonium pentaborate	12007-89-5	30	330	2,000	mg/m^3
168	Ammonium perchlorate	7790-98-9	1.7	18	830	mg/m^3
169	Ammonium permanganate	13446-10-1	7.5	12	72	mg/m^3
170	Ammonium persulfate	7727-54-0	0.3	15	90	mg/m^3
171	Ammonium phosphate dibasic; (Diammonium phosphate)	7783-28-0	30	330	2,000	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
Bold, green italics: 10% LEL ≤ PAC < 50% LEL; bold, underlined, pink italics: 50% LEL ≤ PAC < 100% LEL; bold, double underlined, red italcs: PAC ≥ LEL.

Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
172	Ammonium picrate	131-74-8	30	330	2,000	mg/m^3
173	Ammonium polyacrylate	9003-03-6	30	330	2,000	mg/m^3
174	Ammonium sulfamate	7773-06-0	30	35	5,000	mg/m^3
175	Ammonium sulfate	7783-20-2	30	330	560	mg/m^3
176	Ammonium sulfide	12135-76-1	0.32	3.5	7.3	ppm
177	Ammonium sulfite	10196-04-0	30	330	2,000	mg/m^3
178	Ammonium sulfite monohydrate	7783-11-1	30	330	2,000	mg/m^3
179	Ammonium tartrate; (Butanedioic acid, 2,3-dihydroxy-(2R,3R)-, ammonium salt)	14307-43-8	30	330	2,000	mg/m^3
180	Ammonium tartrate; (Diammonium tartrate)	3164-29-2	0.8	8.8	53	mg/m^3
181	Ammonium thiocyanate	1762-95-4	8.6	54	54	mg/m^3
182	Ammonium thiosulfate; (Ammonium hyposulfite)	7783-18-8	1.3	15	88	mg/m^3
183	Ammonium tungstate(VI)	11120-25-5	4.1	45	270	mg/m^3
184	Ammonium vanadate; (Ammonium vanadium oxide; Ammonium metavanadate)	7803-55-6	0.032	0.32	45	mg/m^3
185	Ammonium, hexadecyltrimethyl-, bromide; (Hexadecyltrimethylammonium bromide)	57-09-0	1.2	14	81	mg/m^3
186	Ammonium, tetraethyl-, bromide; (Tetraethyl ammonium bromide)	71-91-0	0.41	4.5	43	mg/m^3
187	Ammonium, tetramethyl-, bromide; (Tetramethylammonium bromide)	64-20-0	0.15	1.7	9.9	mg/m^3
188	Amosite	12172-73-5	0.05	0.83	5	mg/m^3
189	Amphetamine; (Benzedrine)	300-62-9	1.8	20	20	mg/m^3
190	Amyl acetate	628-63-7	100	100	***4,000***	ppm

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
191	Amyl alcohol; (1-Pentanol)	71-41-0	20	20	43	ppm
192	Amyl methyl ether, tert-; (TAME)	994-05-8	57	57	57	ppm
193	Amylamine, n-; (1-Pentylamine)	110-58-7	0.46	5.1	31	mg/m^3
194	**Amyltrichlorosilane; (Pentyltrichlorosilane)**	**107-72-2**	**0.6**	**7.3**	**33**	ppm
195	Anhydrone; (Magnesium perchlorate)	10034-81-8	4.9	54	320	mg/m^3
196	**Aniline**	**62-53-3**	**8**	**12**	**20**	ppm
197	Anisidine, o-	90-04-0	1.5	8.3	50	mg/m^3
198	Anisidine, p-	104-94-9	0.5	0.5	50	mg/m^3
199	Anisole; (Anisole anhydrous; Methoxybenzene)	100-66-3	1.6	18	110	mg/m^3
200	Anthracene	120-12-7	0.27	3	530	mg/m^3
201	Anthracenedisulfonic acid, 4,8-diamino-9,10-dihydro-1,5-dihydroxy-9,10-dioxo, disodium salt, 2,6-; (Acid Blue 45; Alizarine Blue)	2861-02-1	4.8	52	310	mg/m^3
202	Anthranilic acid	118-92-3	0.33	3.6	1,100	mg/m^3
203	Anthraquinone	84-65-1	0.87	9.6	57	mg/m^3
204	Antimony	7440-36-0	0.5	0.5	80	mg/m^3
205	Antimony hydroxide	39349-74-1	2.1	18	110	mg/m3
206	Antimony oxide	1309-64-4	0.6	0.6	96	mg/m^3
207	Antimony pentachloride	7647-18-9	3.7	33	200	mg/m^3
208	Antimony pentafluoride	7783-70-2	0.89	2.7	140	mg/m^3
209	Antimony pentasulfide	1315-04-4	2.5	22	130	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
210	Antimony potassium tartrate trihydrate	28300-74-5	1.7	1.7	220	mg/m^3
211	Antimony trichloride	10025-91-9	0.94	0.94	150	mg/m^3
212	Antimony trifluoride	7783-56-4	0.73	0.73	120	mg/m^3
213	Antimycin A	1397-94-0	0.16	1.8	5.5	mg/m^3
214	Antioxidant G-16 (most toxic antioxident)	61373-87-3	0.98	11	65	mg/m^3
215	Aqua regia (75% hydrochloric + 25% nitric acid)	8007-56-5	1.1	22	98	ppm
216	Arginine, L-	74-79-3	30	330	2,000	mg/m^3
217	Argon	7440-37-1	65,000	2.30E+05	4.00E+05	ppm
218	Aromatic hydrocarbon solvents; (High flash naphtha distillates; Solvent naphtha (petroleum), light aromatic)	64742-95-6	3.1	34	410	ppm
219	Aromatic isocyanate mixture "SWD 305A"	z-0111	4	20	125	mg/m^3
220	Arsenic	7440-38-2	0.03	0.58	100	mg/m^3
221	Arsenic acid; (o-Arsenic acid)	7778-39-4	0.057	0.54	190	mg/m^3
222	Arsenic pentoxide	1303-28-2	0.73	8	150	mg/m^3
223	**Arsenic trioxide**	**1327-53-3**	0.27	**3**	**9.1**	mg/m^3
224	Arsenous acid	13464-58-9	0.05	28	170	mg/m^3
225	Arsenous trichloride	7784-34-1	0.91	10	240	mg/m^3
226	**Arsine**	**7784-42-1**	0.015	**0.17**	**0.5**	ppm
227	Asbestos	1332-21-4	0.05	0.55	3.3	mg/m^3
228	Asbestos (Chrysotile)	12001-29-5	0.05	41	250	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
229	Ascaridole	512-85-6	0.069	0.76	40	mg/m^3
230	Ascarite; (Asbestos, 1332-21-4)	81133-20-2	0.045	0.5	2.5	mg/m^3
231	Ascorbic acid	50-81-7	46	500	1,800	mg/m^3
232	Asphalt; (Bitumen)	8052-42-4a	0.5	5	30	mg/m^3
233	Auramine; (4,4'-(Imidocarbonyl)bis(N,N-dimethylamine) monohydrochloride)	2465-27-2	0.49	5.4	53	mg/m^3
234	Azaserine; (L-Serine, diazoacetate (ester))	115-02-6	0.51	5.6	34	mg/m^3
235	Azinphos ethyl; (Ethyl guthion)	2642-71-9	0.35	3.9	17	mg/m^3
236	Azinphos methyl; (Guthion)	86-50-0	0.2	0.7	20	mg/m^3
237	Aziridine homopolymer; (Ethylenimine homopolymer; Poly(ethyleneimine))	9002-98-6	4.1	45	270	mg/m^3
238	Azobis(2-methylpropionitrile), 2,2'-	78-67-1	1.5	16	130	mg/m^3
239	Azodicarbamide; (Azodicarbonamide)	123-77-3	0.48	5.3	170	mg/m^3
240	Bacto peptone	51142-18-8	30	330	2,000	mg/m^3
241	Barbituric acid	67-52-7	1.1	12	990	mg/m^3
242	Barium	7440-39-3	1.5	4.5	1,100	mg/m^3
243	Barium acetate; (Barium acetate anhydrous)	543-80-6	2.8	330	2,000	mg/m^3
244	Barium carbonate	513-77-9	2.2	270	1,600	mg/m^3
245	Barium chloride	10361-37-2	2.3	280	1,700	mg/m^3
246	Barium chloride dihydrate	10326-27-9	2.7	330	2,000	mg/m^3
247	Barium chromate	10294-40-3	0.15	25	150	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
248	Barium cyanide	542-62-1	2.1	250	1,500	mg/m^3
249	Barium dioxide; (Barium peroxide)	1304-29-6	1.8	230	1,400	mg/m^3
250	Barium diphenylamine sulfonate	6211-24-1	6.9	850	5,100	mg/m^3
251	Barium fluoride	7787-32-8	1.9	230	1,400	mg/m^3
252	Barium hydrogen phosphate; (Barium phosphate dibasic)	10048-98-3	2.5	320	1,900	mg/m^3
253	Barium hydroxide	17194-00-2	1.9	230	1,400	mg/m^3
254	Barium hydroxide octahydrate	12230-71-6	3.4	420	2,500	mg/m^3
255	Barium metaborate	13701-59-2	1.5	20	1,100	mg/m^3
256	Barium nitrate	10022-31-8	2.9	18	2,100	mg/m^3
257	Barium nitrite	13465-94-6	2.5	300	1,800	mg/m^3
258	Barium oxide	1304-28-5	1.7	200	1,200	mg/m^3
259	Barium permanganate	7787-36-2	20	34	35	mg/m^3
260	Barium phosphate	13466-20-1	150	1,700	10,000	mg/m^3
261	Barium stearate	6865-35-6	7.5	83	500	mg/m^3
262	Barium sulfate	7727-43-7	30	330	2,000	mg/m^3
263	Basic Green 4; (Aizen malachite green)	569-64-2	0.13	1.4	8.7	mg/m^3
264	Basic Red 1; (Rhodamine 6G extra base)	989-38-8	0.0081	0.089	1.3	mg/m^3
265	Bathophenanthroline	1662-01-7	60	660	4,000	mg/m^3
266	Bentonite; (Clay absorbent)	1302-78-9	0.21	2.3	14	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
267	Benz(e)acephenanthrylene; (Benzo(b)fluoroanthene)	205-99-2	0.031	0.34	2	mg/m^3
268	Benzal chloride	98-87-3	0.21	2.3	14	mg/m^3
269	Benzaldehyde	100-52-7	4	4	180	ppm
270	Benzamide	55-21-0	4.7	52	310	mg/m^3
271	Benzenamine, sulfate (2:1)	542-16-5	30	330	2,000	mg/m^3
272	**Benzene**	**71-43-2**	**52**	**800**	***4,000***	ppm
273	Benzene hexachloride; (Hexachlorocyclohexane, mixed isomers)	608-73-1	0.19	2.1	30	mg/m^3
274	Benzene, 1-(chloromethyl)-4-nitro-; (p-Nitrobenzyl chloride)	100-14-1	2.5	28	28	mg/m^3
275	Benzenearsonic acid; (Phenylarsonic acid)	98-05-5	3.4	3.4	20	mg/m^3
276	Benzene-d6; (Deuterated benzene)	1076-43-3	52	800	***4,000***	ppm
277	Benzenesulfonic acid chloride; (Benzenesulfonyl chloride)	98-09-9	18	200	200	mg/m^3
278	Benzenesulfonic acid, 4-chloro	98-66-8	1.5	17	99	mg/m^3
279	Benzenesulfonic acid, 5-chloro-2	z-0114	1.5	17	99	mg/m^3
280	Benzenetetracarboxylic dianhydride, 1,2,4,5-	89-32-7	0.33	3.6	5.8	mg/m^3
281	**Benzenethiol; (Thiophenol; Phenyl mercaptan)**	**108-98-5**	0.1	**0.53**	**1.6**	ppm
282	Benzidene	92-87-5	0.03	0.33	61	mg/m^3
283	Benzo(a)anthracene	56-55-3	1.2	13	79	mg/m^3
284	Benzo(a)pyrene; (Coal tar pitch volatiles)	50-32-8	0.6	1.6	700	mg/m^3
285	Benzo(ghi)perylene	191-24-2	30	330	2,000	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
286	Benzo(k)fluoranthene	207-08-9	0.019	0.2	1.2	mg/m^3
287	Benzo-4,7,13,16,21,24-hexaoxa-1,10-diazabicyclo(8.8.8)hexacosane, 5,6-	31250-18-7	1.2	13	79	mg/m^3
288	Benzoic acid	65-85-0	2.8	31	830	mg/m^3
289	Benzoic acid, sodium salt	532-32-1	20	220	810	mg/m^3
290	Benzoin oxime	441-38-3	0.49	5.4	32	mg/m^3
291	**Benzonitrile**	**100-47-0**	2	**22**	**56**	ppm
292	Benzophenone	119-61-9	1.5	33	310	mg/m^3
293	Benzoquinone, p-; (Quinone)	106-51-4	0.2	0.2	67.8	ppm
294	Benzothiazole	95-16-9	1	11	75	mg/m^3
295	Benzotriazole	95-14-7	1.2	13	77	mg/m^3
296	Benzotrifluoride	98-08-8	19	39	1,300	mg/m^3
297	**Benzoyl chloride**	**98-88-4**	**0.3**	**5**	**20**	ppm
298	Benzoyl peroxide	94-36-0	15	1,200	7,000	mg/m^3
299	Benzyl acetate	140-11-4	10	10	14	ppm
300	Benzyl alcohol	100-51-6	30	49	49	ppm
301	Benzyl aminopurine, 6-; (6-Benzyladenine)	1214-39-7	0.45	4.9	230	mg/m^3
302	Benzyl benzoate	120-51-4	1.9	21	380	mg/m^3
303	**Benzyl chloride**	**100-44-7**	**1**	**10**	**50**	ppm
304	**Benzyl chloroformate; (Carbobenzoxy chloride)**	**501-53-1**	0.088	**0.97**	**2.9**	ppm

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Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
305	Benzyl cyanide; (Phenylacetonitrile)	140-29-4	0.39	4.3	15	mg/m^3
306	Benzyl trichloride; (Trichloromethylbenzene)	98-07-7	0.064	0.7	5.3	mg/m^3
307	Benzylamine	100-46-9	2	22	130	mg/m^3
308	Benzyldimethylamine; (Dimethylbenzylamine, N,N-; BDMA)	103-83-3	0.061	0.67	79	mg/m^3
309	Benzyldimethyloctadecylammonium chloride; (Dimethyloctadecylbenzylammonium chloride)	122-19-0	3.8	41	250	mg/m^3
310	Benzylmagnesium chloride	6921-34-2	1.2	13	79	mg/m^3
311	Benzyltrimethylammonium hydroxide; (Triton b)	100-85-6	0.024	0.26	1.6	mg/m^3
312	**Beryllium**	**7440-41-7**	0.0023	**0.025**	**0.1**	mg/m^3
313	Beryllium chloride	7787-47-5	0.02	0.22	0.28	mg/m^3
314	Beryllium fluoride	7787-49-7	0.012	0.13	0.89	mg/m^3
315	Beryllium hydroxide	13327-32-7	0.011	0.12	0.48	mg/m^3
316	Beryllium nitrate	13597-99-4	0.047	0.52	2.1	mg/m^3
317	Beryllium oxide	1304-56-9	0.0063	0.069	0.28	mg/m^3
318	Betaine, anhydrous; (Glycine betaine)	107-43-7	15	160	230	mg/m^3
319	Bicyclo(2.2.1)heptane-2-carbonitrile, 5-chloro-6-((((methylamino)carbonyl)oxy)imino)-, (1S-(1-alpha,2-beta,4-alpha,5-alpha,6E))-; (Tranid)	15271-41-7	1.7	19	19	mg/m^3
320	Bioxirane, 2,2'-; (1,2:3,4-Diepoxybutane)	1464-53-5	0.091	1	4	ppm
321	Biphenylol, 4-	92-69-3	0.81	8.9	32	mg/m^3
322	Biphenylol, sodium salt, 2-	132-27-4	0.41	4.5	130	mg/m^3
323	Bis(1,1-dimethylethyl)-4-ethylphenol, 2,6-	4130-42-1	3	33	200	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
324	Bis(1,1-dimethylethyl)-4-methylphenol, 2,6-; (BHT (food grade); 2,6-Di-tert-butyl-p-cresol)	128-37-0	6	16	180	mg/m^3
325	Bis(1-methylethyl)benzene, 1,4-; (p- or 1,4-Diisopropylbenzene)	100-18-5	2.5	27	160	mg/m^3
326	Bis(1-methylethyl)benzene; (Diisopropylbenzene)	25321-09-9	3.1	34	210	mg/m^3
327	Bis(2,3-epoxypropoxy) butane, 1,4-	2425-79-8	5.7	63	220	mg/m^3
328	Bis(2-butoxyethyl) ether; (Dibutyl carbitol; Diethylene glycol dibutyl ether)	112-73-2	0.91	10	87	ppm
329	Bis(2-chlorethylthioethyl) ether; (2,2'-Di(3-chloroethylthio)diethyl ether)	63918-89-8	0.15	1.6	9.8	mg/m^3
330	Bis(2-chloroethoxy)ethane, 1,2-; (Triglycol dichloride)	112-26-5	0.75	8.3	50	mg/m^3
331	**Bis(2-chloroethyl)sulfide; (HD; Sulfur mustard)**	**505-60-2**	**0.01**	**0.02**	**0.32**	ppm
332	Bis(2-chloroethylthio)ethane, 1,2-; (Sesquimustard)	3563-36-8	0.028	0.3	1.8	mg/m^3
333	Bis(2-chloroethylthio)methane	63869-13-6	0.025	0.28	1.7	mg/m^3
334	Bis(2-chloroethylthio)-n-butane, 1,4-	142868-93-7	0.032	0.36	2.1	mg/m^3
335	Bis(2-chloroethylthio)-n-pentane, 1,5-	142868-94-8	0.035	0.38	2.3	mg/m^3
336	Bis(2-chloroethylthio)-n-propane, 1,3-	63905-10-2	0.03	0.33	2	mg/m^3
337	Bis(2-chloroethylthiomethyl)ether	63918-90-1	0.028	0.3	1.8	mg/m^3
338	Bis(2-ethoxyethyl) ether; (Diethyl carbitol)	112-36-7	12	130	980	mg/m^3
339	Bis(2-ethylhexyl) hydrogen phosphate	298-07-7	15	160	960	mg/m^3
340	Bis(2-ethylhexyl) phenyl phosphate	16368-97-1	0.27	2.9	17	mg/m^3
341	Bis(2-hydroxyethyl)dodecanamide, N,N-	120-40-1	0.045	0.5	46	ppm
342	Bis(2-methylstyryl)benzene, 4-; (1,4-Bis(2-(2-methylphenyl)ethenyl)benzene)	13280-61-0	30	330	2,000	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
343	Bis(3-tert-butyl-4-hydroxy-6-methylphenyl) sulfide; (4,4'-Thiobis(6-tert-butyl-m-cresol))	96-69-5	3	30	460	mg/m^3
344	Bis(chloromethyl)ketone; (1,3-Dichloroacetone)	534-07-6	0.025	0.27	1	mg/m^3
345	Bis(chloromethyl)oxetane, 3,3-	78-71-7	0.18	2	7	mg/m^3
346	Bis(dimethylamino)acridine, 3,6-; (Acridine orange)	494-38-2	0.082	0.9	5.4	mg/m^3
347	Bis(trifluoromethyl)benzene, 1,3-	402-31-3	14	160	940	mg/m^3
348	Bis(tris(hydroxymethyl)methylamino)propane, 1,3-; (Bis-tris propane)	64431-96-5	30	330	2,000	mg/m^3
349	Bis[(benzo-15-crown-5)-15-ylmethyl] pimelate	69271-98-3	30	330	2,000	mg/m^3
350	Bisbutenylenetetrahydrofurfural; (2,3,4,5-Bis(2-butylene)tetrahydro-2-furaldehyde)	126-15-8	7.5	83	500	mg/m^3
351	Bismuth	7440-69-9	15	170	990	mg/m^3
352	Bismuth acetate	22306-37-2	30	330	2,000	mg/m^3
353	Bismuth germanate	12233-73-7	17	200	1,200	mg/m^3
354	Bismuth hydroxide	10361-43-0	1	3	100	mg/m^3
355	Bismuth hydroxide nitrate oxide; (White paint)	1304-85-4	2.9	32	630	mg/m^3
356	Bismuth iodide	7787-64-6	1.2	13	79	mg/m^3
357	Bismuth nitrate	10361-44-1	12	130	790	mg/m^3
358	Bismuth oxide	1304-76-3	15	170	990	mg/m^3
359	Bismuth oxychloride; (Bismuth chloride oxide)	7787-59-9	66	730	4,400	mg/m^3
360	Bismuth(III) nitrate, pentahydrate	10035-06-0	0.03	0.33	15	mg/m^3
361	Bisphenol A diglycidyl ether	1675-54-3	0.092	1	2.6	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
362	Bisphenol A; (4,4'-Isopropylidenediphenol)	80-05-7	5	5	240	mg/m^3
363	Bitoscanate; (1,4-Phenylenediisothiocyanic acid)	4044-65-9	1.8	20	20	mg/m^3
364	BoBCalix; (Calix[4]arene-bis(t-octylbenzo-crown-b))	z-0110	30	330	2,000	mg/m^3
365	Borane methyl sulfide complex; (Methyl sulfide complex with borane (1:1))	13292-87-0	0.047	0.52	3.1	ppm
366	Borane-tetrahydrofuran	14044-65-6	15	25	125	mg/m^3
367	Borate	14213-97-9	6	66	400	mg/m^3
368	Boric acid	10043-35-3	6	78	230	mg/m^3
369	Boric acid, tributyl ester; (Tri-n-butyl borate)	688-74-4	0.37	4.1	25	ppm
370	Boron	7440-42-8	7.9	87	130	mg/m^3
371	Boron carbide	12069-32-8	0.61	6.7	40	mg/m^3
372	Boron nitride	10043-11-5	310	3,400	20,000	mg/m^3
373	Boron oxide	1303-86-2	30	100	620	mg/m^3
374	**Boron tribromide**	**10294-33-4**	**0.33**	**7.3**	**40**	ppm
375	Boron trichloride	10294-34-5	0.19	2.1	2.1	ppm
376	**Boron trifluoride**	**7637-07-2**	**2.5**	**29**	**88**	mg/m^3
377	Boron trifluoride dihydrate	13319-75-0	3.8	44	135	mg/m3
378	Boron trifluoride etherate	109-63-7	5.2	61	184	mg/m^3
379	**Boron trifluoride-dimethyl ether**	**353-42-4**	**2.5**	**29**	**88**	mg/m^3
380	Botulinum toxin-A	93384-43-1	1.10E-07	1.20E-06	7.10E-06	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
381	Botulinum toxin-B	93384-44-2	1.10E-07	1.20E-06	7.40E-06	mg/m^3
382	Botulinum toxin-F	107231-15-2	7.70E-08	8.50E-07	5.10E-06	mg/m^3
383	Botulinum, clostridium	z-0119	4.90E-09	5.40E-08	3.20E-07	mg/m^3
384	Brij-35; (alpha-Dodecyl-omega-hydroxypoly(oxyethylene))	9002-92-0	1	11	200	mg/m^3
385	Brilliant blue; (Acid blue 9)	2650-18-2	30	330	2,000	mg/m^3
386	Bromadiolone	28772-56-7	0.091	1	3.4	mg/m^3
387	**Bromine**	**7726-95-6**	**0.033**	**0.24**	**8.5**	ppm
388	**Bromine chloride**	**13863-41-7**	**0.5**	**2.5**	**7.6**	ppm
389	**Bromine pentafluoride**	**7789-30-2**	0.1	**1**	**33**	ppm
390	**Bromine trifluoride**	**7787-71-5**	**0.12**	**2**	**21**	ppm
391	Bromo acetic acid, methyl ester	96-32-2	0.11	1.2	7.1	mg/m^3
392	Bromo-1-chloro-5,5-dimethylhydantoin, 3-; (Bromo-1-chloro-5,5-dimethyl-2,4-imidazolidinedione, 3-)	126-06-7	1.3	14	83	mg/m^3
393	Bromo-2-chloro-1,1,2-trifluoroethane, 1-; (1,1,2-Trifluoro-1-bromo-2-chloroethane)	354-06-3	7.7	85	510	ppm
394	Bromo-3-chloro-5,5-dimethylhydantoin, 1-; (1-Bromo-3-chloro-5,5-dimethyl-2,4-imidazolidinedione)	16079-88-2	4.2	46	280	mg/m^3
395	Bromo-3-methylbutane, 1-	107-82-4	6	66	390	ppm
396	Bromoacetaldehyde diethyl acetal	2032-35-1	6	66	400	mg/m^3
397	Bromoacetic acid	79-08-3	0.021	0.23	1.4	mg/m^3
398	**Bromoacetone**	**598-31-2**	**0.011**	**0.33**	**0.98**	ppm
399	Bromoanisole, 3-; (1-Bromo-3-methoxybenzene)	2398-37-0	30	330	2,000	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
400	Bromobenzene; (Phenyl bromide)	108-86-1	0.079	0.87	140	ppm
401	Bromochlorobenzene, m-	108-37-2	30	330	2,000	mg/m^3
402	Bromochlorobenzene, p-	106-39-8	30	330	2,000	mg/m^3
403	Bromochloromethane	74-97-5	200	200	5,000	ppm
404	Bromocresol green; (Phenol, 4,4'-(1,1-dioxido-3H-2,1-benzoxathiol-3-ylidene)bis[2,6-dibromo-3-methyl-])	76-60-8	20	220	1,300	mg/m^3
405	Bromocresol purple; (Phenol, 4,4'-(1,1-dioxido-3H-2,1-benzoxathiol-3-ylidene)bis[2-bromo-6-methyl-])	115-40-2	16	170	1,000	mg/m^3
406	Bromocyclohexanol, cis-2-	16536-57-5	0.125	0.75	40	ppm
407	Bromodecane, 1-	112-29-8	0.25	2.7	16	ppm
408	Bromodichloromethane	75-27-4	0.26	2.9	85	mg/m^3
409	Bromododecane, 1-	143-15-7	6	66	400	mg/m^3
410	Bromoethane; (Ethyl bromide)	74-96-4	15	67	3,500	ppm
411	Bromoethanol, 2-; (Ethylene bromohydrin)	540-51-2	0.022	0.24	36	mg/m^3
412	Bromoethylmagnesium	925-90-6	1.2	13	79	mg/m^3
413	Bromofluorobenzene, 4-; (p-Fluorobromobenzene)	460-00-4	12	130	790	mg/m^3
414	Bromoform; (Tribromomethane)	75-25-2	1.5	6.7	15	ppm
415	Bromohexane; (n-Hexyl bromide)	111-25-1	17	190	1,100	ppm
416	Bromomesitylene, 2-; (2-Bromo-1,3,5-trimethylbenzene)	576-83-0	30	330	2,000	mg/m^3
417	Bromomethyl-1,3-dioxolane, 2-	4360-63-8	6	66	400	mg/m^3
418	Bromonaphthalene	90-11-9	2.4	27	160	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
419	Bromonitromethane	563-70-2	0.62	6.8	41	mg/m^3
420	Bromooctane , 1-; (Octyl bromide)	111-83-1	1.9	21	130	ppm
421	Bromophenol blue; (Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)bis(2,6-dibromo-, S,S-dioxide))	115-39-9	30	330	2,000	mg/m^3
422	Bromophenyl phenyl ether, 4-	101-55-3	0.29	3.2	19	mg/m^3
423	Bromopropane, 1-	106-94-5	18	18	700	ppm
424	Bromopropane, 2-	75-26-3	22	240	1,400	ppm
425	Bromopyrene, 3-	1714-29-0	30	330	2,000	mg/m^3
426	Bromosuccinimide, N-	128-08-5	1.7	19	110	mg/m^3
427	Bromothymol blue; (Dibromothymolsulfonphthalein)	76-59-5	30	330	2,000	mg/m^3
428	Bromotoluene, A-; (Benzyl bromide)	100-39-0	0.37	4.1	24	mg/m^3
429	Bromotrichloromethane	75-62-7	0.088	0.97	5.8	ppm
430	Bromotrifluoroethylene	598-73-2	1.3	1.3	1,400	ppm
431	Bromotrifluoromethane; (Trifluorobromomethane)	75-63-8	2,300	25,000	40,000	ppm
432	Bromotrimethylsilane; (Trimethylsilyl bromide)	2857-97-8	1.2	13	79	mg/m^3
433	Brown menhaden fish oil	68440-42-6	30	330	2,000	mg/m^3
434	Brucine; (2,3-Dimethoxystrychnine)	357-57-3	0.1	1.1	36	mg/m^3
435	**Butadiene, 1,3-**	**106-99-0**	**670**	***5,300***	***22,000***	ppm
436	Butanaminium, N,N,N-tributyl-1-, bromide; (Tetrabutylammonium bromide)	1643-19-2	30	330	2,000	mg/m^3
437	**Butane**	**106-97-8**	***5,500***	***17,000***	***53,000***	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
438	Butanedioic acid, diethyl ester; (Succinic acid, diethyl ester)	123-25-1	3.6	40	240	ppm
439	Butanedioic acid, dimethyl ester; (Succinic acid, dimethyl ester)	106-65-0	2.5	28	170	ppm
440	Butanediol dinitrate, 1,4-	3457-91-8	0.125	0.4	3	ppm
441	Butanediol, 1,3-	107-88-0	140	1,500	3,600	mg/m^3
442	Butanediol, 1,4-; (1,4-Tetramethylene glycol)	110-63-4	0.22	2.5	150	mg/m^3
443	Butanedione, 2,3-	431-03-8	4	44	180	mg/m^3
444	Butanenitrile; (Butyronitrile)	109-74-0	8	8	8	ppm
445	Butanephosphonic acid	3321-64-0	0.06	0.4	2	mg/m^3
446	Butanethiol; (n-Butyl mercaptan)	109-79-5	0.5	5	***2,500***	ppm
447	Butanoic acid, butyl ester; (n-Butyl n-butanoate)	109-21-7	2.3	26	150	ppm
448	Butanol, aluminum salt, 2-	2269-22-9	55	590	3,600	mg/m^3
449	Butanol-d10, n-	34193-38-9	20	50	***8,000***	ppm
450	Butanone oxime; (Ethyl methyl ketoxime)	96-29-7	10	10	52	ppm
451	**Butanone, 2-; (Methyl ethyl ketone; MEK)**	**78-93-3**	**200**	***2,700***	***4,000***	ppm
452	Butene, 1-; (Butylene)	106-98-9	530	530	***6,100***	ppm
453	Butene, 2-	107-01-7	750	1,100	***6,600***	ppm
454	Butene, cis-2-; (cis-1,2-Dimethylethylene)	590-18-1	***65,000***	***2.30E+05***	***4.00E+05***	ppm
455	Butene, trans-2-; (trans-1,2-Dimethylethylene)	624-64-6	460	460	***6,600***	ppm
456	Butoxyethanol acetate, 2-; (Ethylene glycol monobutyl ether acetate)	112-07-2	20	20	73	ppm

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Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
457	Butoxyethanol phosphate, 2-	78-51-3	1.3	15	590	mg/m^3
458	Butoxyethanol, 2-; (Glycol ether EB)	111-76-2	20	20	700	ppm
459	Butoxyethoxy)ethanol, 2-(2-; (Diethylene glycol monobutyl ether)	112-34-5	10	10	170	ppm
460	Butoxyethoxy)ethyl thiocyanate, 2-(2-	112-56-1	0.27	3	18	mg/m^3
461	Butoxypolypropylene glycol	9003-13-8	27	300	1,800	mg/m^3
462	**Butyl acetate, n-**	**123-86-4**	**5**	**200**	***3,000***	ppm
463	Butyl acetate, sec-	105-46-4	600	***1,700***	***10,000***	ppm
464	Butyl acetate, tert-	540-88-5	600	***1,700***	***10,000***	ppm
465	Butyl acetoacetate, tert-	1694-31-1	15	170	990	mg/m^3
466	**Butyl acrylate, n-**	**141-32-2**	**8.3**	**130**	**480**	ppm
467	Butyl alcohol, n-; (n-Butanol)	71-36-3	20	50	***8,000***	ppm
468	Butyl alcohol, sec-; (2-Butanol)	78-92-2	150	150	***10,000***	ppm
469	Butyl bis(2-ethylhexyl)phosphate	z-0002	0.6	0.75	0.75	ppm
470	Butyl bromide, n-; (1-Bromobutane)	109-65-9	4.4	49	290	ppm
471	**Butyl chloroformate, n-**	**592-34-7**	0.2	**2.2**	**6.7**	ppm
472	**Butyl chloroformate, sec-**	**17462-58-7**	0.2	**2.2**	**6.7**	ppm
473	Butyl ether, n-; (Dibutyl ether)	142-96-1	0.064	0.7	280	ppm
474	Butyl glycidyl ether, n-	2426-08-6	3	5.6	***3,500***	ppm
475	**Butyl isocyanate, n-**	**111-36-4**	**0.013**	**0.023**	**0.25**	ppm

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Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
476	Butyl isocyanate, tert-	1609-86-5	0.04	0.44	2.6	mg/m^3
477	Butyl levulinate	2052-15-5	15	170	990	mg/m^3
478	Butyl lithium	109-72-8	120	690	3,700	mg/m^3
479	Butyl methyl-d3 ether, tert-	29366-08-3	50	570	5,300	ppm
480	Butyl perbenzoate, tert-	614-45-9	0.63	6.9	200	mg/m^3
481	Butyl propanoate; (Propanoic acid, butyl ester)	590-01-2	6.2	68	990	mg/m^3
482	Butyl-2-methylcyclopropane, T-1-	38851-70-6	30	330	2,000	mg/m^3
483	Butyl-3-iodo-2-propynylcarbamate	55406-53-6	3.3	36	220	mg/m^3
484	Butylamine, (S)-sec-	513-49-5	0.38	4.2	25	ppm
485	Butylamine, n-	109-73-9	2	5	***2,000***	ppm
486	Butylamine, sec-	13952-84-6	2	10	10	ppm
487	Butylamine, tert-	75-64-9	0.034	0.38	56	ppm
488	Butylbenzene, n-; (1-Phenylbutane)	104-51-8	0.12	1.3	7.9	ppm
489	Butylbenzene, sec-; (2-Phenylbutane)	135-98-8	1.1	12	69	ppm
490	Butylbenzene, tert-	98-06-6	1.7	18	110	ppm
491	Butylcyclohexane; (1-Cyclohexylbutane)	1678-93-9	1.3	14	86	ppm
492	Butylcyclohexanone, p-tert-	98-53-3	15	170	990	mg/m^3
493	Butylene carbonate; (1,2-Butanediol, cyclic carbonate)	4437-85-8	15	170	990	mg/m^3
494	Butyllithium, sec-	598-30-1	0.067	0.73	4.4	ppm

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Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
495	Butylpyrocatechol, 4-tert-; (4-tert-Butylcatechol)	98-29-3	0.18	2	560	mg/m^3
496	**Butyltrichlorosilane**	**7521-80-4**	**0.6**	**7.3**	**33**	ppm
497	Butyne-1,4-diol, 2-; (1,4-Butynediol)	110-65-6	0.6	2	6.5	mg/m^3
498	Butyraldehyde	123-72-8	0.0014	0.016	2.8	ppm
499	Butyric acid, sodium salt	156-54-7	27	290	1,800	mg/m^3
500	Butyric acid; (n-Butyric acid)	107-92-6	0.26	2.8	110	ppm
501	**BZ; (3-Quinuclidinyl benzilate)**	**6581-06-2**	0.0034	**0.037**	**0.69**	mg/m^3
502	C.I. pigment red 53:1; (5-Chloro-2-((2-hydroxy-1-naphthyl)azo)-p-toluene sulfonic acid, barium salt)	5160-02-1	3	25	150	mg/m^3
503	C-18 Unsaturated fatty acid, dimers, reaction products with polyethylenepolyamines; (Versamid 140 polyamide resin; Versamid 125)	68410-23-1	30	330	2,000	mg/m^3
504	Cacodylic acid; (Arsenic acid, dimethyl-)	75-60-5	0.5	0.5	130	mg/m^3
505	**Cadmium**	**7440-43-9**	**0.1**	**0.76**	**4.7**	mg/m^3
506	Cadmium bromide	7789-42-6	0.073	20	120	mg/m^3
507	Cadmium carbonate	513-78-0	0.046	13	77	mg/m^3
508	Cadmium chloride	10108-64-2	0.049	0.36	82	mg/m^3
509	Cadmium chloride hemipentahydrate; (Cadmium chloride, 2.5-hydrate)	7790-78-5	0.061	1	100	mg/m^3
510	Cadmium fluoride	7790-79-6	0.04	11	67	mg/m^3
511	Cadmium hydroxide	21041-95-2	0.039	11	65	mg/m^3
512	Cadmium nitrate	10325-94-7	0.063	18	110	mg/m^3
513	Cadmium nitrate tetrahydrate	10022-68-1	0.082	23	140	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
Bold, green italics: 10% LEL ≤ PAC < 50% LEL; bold, underlined, pink italics: 50% LEL ≤ PAC < 100% LEL; bold, double underlined, red italcs: PAC ≥ LEL.

Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
514	Cadmium nitrite	7790-83-2	0.055	15	91	mg/m^3
515	Cadmium oxide	1306-19-0	0.36	4	57	mg/m^3
516	Cadmium stearate; (Octadecanoic acid, cadmium salt)	2223-93-0	0.12	1.3	300	mg/m^3
517	Cadmium sulfate	10124-36-4	0.056	16	93	mg/m^3
518	Cadmium sulfate, hydrate	7790-84-3	0.061	17	100	mg/m^3
519	Cadmium sulfide	1306-23-6	0.039	1.5	64	mg/m^3
520	Cadmium tungstate	7790-85-4	0.096	27	160	mg/m^3
521	Cadmium(II) acetate	543-90-8	0.062	2.5	100	mg/m^3
522	Calcium	7440-70-2	30	330	2,000	mg/m^3
523	Calcium acetate	62-54-4	13	140	850	mg/m^3
524	Calcium arsenate	7778-44-1	0.91	10	270	mg/m^3
525	Calcium carbide	75-20-7	30	330	2,000	mg/m^3
526	Calcium chloride	10043-52-4	3	33	200	mg/m^3
527	Calcium chloride dihydrate	10035-04-8	7.4	81	490	mg/m^3
528	Calcium chloride hexahydrate	7774-34-7	5	55	330	mg/m^3
529	Calcium chloride hydrate	22691-02-7	4.9	54	330	mg/m^3
530	Calcium chromate	13765-19-0	0.09	15	90	mg/m^3
531	Calcium cyanamide	156-62-7	1.5	14	620	mg/m^3
532	**Calcium cyanide**	**592-01-8**	**3.8**	**13**	**28**	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
Bold, green italics: 10% LEL ≤ PAC < 50% LEL; bold, underlined, pink italics: 50% LEL ≤ PAC < 100% LEL; bold, double underlined, red italcs: PAC ≥ LEL.

Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
533	Calcium fluoride	7789-75-5	15	32	1,000	mg/m^3
534	Calcium formate	544-17-2	8	87	520	mg/m^3
535	Calcium hydride	7789-78-8	1.2	13	79	mg/m^3
536	Calcium hydroxide	1305-62-0	15	240	1,500	mg/m^3
537	Calcium hypochlorite; (Calcium oxychloride)	7778-54-3	2.8	31	170	mg/m^3
538	Calcium metasilicate	10101-39-0	30	330	2,000	mg/m^3
539	Calcium monohydrogen phosphate dihydrate	7789-77-7	30	330	2,000	mg/m^3
540	Calcium nitrite	13780-06-8	0.075	0.6	50	mg/m^3
541	Calcium oxalate	563-72-4	15	50	50	mg/m^3
542	Calcium oxalate, hydrate	5794-28-5	15	60	60	mg/m^3
543	Calcium oxide	1305-78-8	6	110	660	mg/m^3
544	Calcium phosphate tribasic	12167-74-7	30	330	2,000	mg/m^3
545	Calcium phosphate; (Tricalcium phosphate)	10103-46-5	20	35	350	mg/m^3
546	**Calcium phosphide**	**1305-99-3**	0.091	**1**	**1.8**	ppm
547	Calcium sulfate anhydrous; (Drierite; Gypsum; Plaster of Paris)	7778-18-9	30	330	2,000	mg/m^3
548	Calcium sulfide	20548-54-3	15	170	990	mg/m^3
549	Calcium trifluoromethanesulfonate	55120-75-7	22	250	1,500	mg/m^3
550	Calcium(II) nitrate	10124-37-5	0.91	10	60	mg/m^3
551	Calcium(II) nitrate tetrahydrate (1:2:4)	13477-34-4	12	130	770	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
552	Calcium(II) sulfate dihydrate (1:1:2)	10101-41-4	10	10	21	mg/m^3
553	Camphor	76-22-2	19	19	200	mg/m^3
554	Camphorsulfonic acid, (1R)-(-)-10-	35963-20-3	0.82	9	54	mg/m^3
555	Cantharidin	56-25-7	0.39	4.3	4.3	mg/m^3
556	Caprolactam (dust)	105-60-2	3	3	10	mg/m^3
557	Caprolactone; (epsilon-Lactone hexanoic acid)	502-44-3	13	140	850	mg/m^3
558	Caprylyl chloride; (Octanoyl chloride)	111-64-8	30	330	2,000	mg/m^3
559	CAPSO	73463-39-5	30	330	2,000	mg/m^3
560	Captan	133-06-2	15	29	1,200	mg/m^3
561	Carbachol chloride	51-83-2	1.4	15	15	mg/m^3
562	Carbamic acid, methyl-, O-(((2,4-dimethyl-1,3-dithiolan-2-yl)methylene)amino)-	26419-73-8	0.091	1	1	mg/m^3
563	Carbanolate; (Aldicarb; Methyl-2-(methylthio)propionaldehyde-O-(methylcarbamoyl)oxime, 2-)	116-06-3	0.027	0.3	9.5	mg/m^3
564	Carbaryl	63-25-2	1.5	100	600	mg/m^3
565	Carbazole	86-74-8	0.66	7.2	43	mg/m^3
566	Carbazole violet	6358-30-1	60	660	4,000	mg/m^3
567	Carbethoxyethylidine(triphenylphosphorane)	5717-37-3	30	330	2,000	mg/m^3
568	Carbofuran	1563-66-2	0.1	0.43	0.57	mg/m^3
569	Carbon black	1333-86-4	9	99	590	mg/m^3
570	Carbon dioxide	124-38-9	30,000	30,000	50,000	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
571	**Carbon disulfide**	**75-15-0**	**13**	**160**	**480**	ppm
572	**Carbon monoxide**	**630-08-0**	83	**83**	**330**	ppm
573	**Carbon tetrachloride**	**56-23-5**	**44**	**190**	**520**	ppm
574	Carbon tetrafluoride; (Tetrafluoromethane)	75-73-0	83	910	5,500	ppm
575	Carbon trifluoride; (Trifluoromethane; Fluoroform)	75-46-7	64	700	4,200	ppm
576	Carbon; (Graphite, synthetic)	7440-44-0	6	16	95	mg/m^3
577	Carbonic acid, calcium salt	471-34-1	45	210	1,300	mg/m^3
578	**Carbonyl fluoride**	**353-50-4**	0.28	**0.28**	**0.83**	ppm
579	**Carbonyl sulfide**	**463-58-1**	5	**55**	**150**	ppm
580	Carbonyldiphthalic anhydride, 4,4'-	2421-28-5	30	330	2,000	mg/m^3
581	Carbophenothion; (Trithion)	786-19-6	0.62	6.8	6.8	mg/m^3
582	Carboxymethyl cellulose	9000-11-7	31	340	2,000	mg/m^3
583	Carboxymethyl sepharose; (CM sepharose)	68894-07-5	6	66	400	mg/m^3
584	Casamino acids	z-0008	30	330	2,000	mg/m^3
585	Casein; (Casamino acids; Casein hydrolysate type 1)	9000-71-9	30	330	2,000	mg/m^3
586	Castor oil	8001-79-4	56	610	5,500	mg/m^3
587	Catechol	120-80-9	5	5	11	ppm
588	Cation exchange resin 200-400 mesh Hyd. Dowex 50W-X8	11119-67-8	30	330	2,000	mg/m^3
589	Cation exchange resin 50W-X12, 200 - 400 mesh	9056-03-5	30	330	2,000	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
590	Cellulase	9012-54-8	30	330	2,000	mg/m^3
591	Cellulose	9004-34-6	30	260	260	mg/m^3
592	Cellulose acetate butanoate	9004-36-8	30	330	2,000	mg/m^3
593	Cellulose, 2-(diethylamino)ethyl ether	9013-34-7	30	330	2,000	mg/m^3
594	Ceric ammonium nitrate	16774-21-3	30	330	2,000	mg/m^3
595	Ceric ammonium sulfate	7637-03-8	30	330	2,000	mg/m^3
596	Ceric ammonium sulfate, dihydrate	10378-47-9	30	330	2,000	mg/m^3
597	Ceric oxide	1306-38-3	0.16	1.8	200	mg/m^3
598	Cerium	7440-45-1	30	330	2,000	mg/m^3
599	Cerium acetate	537-00-8	0.08	0.88	5.3	mg/m^3
600	Cerium chloride	7790-86-5	0.16	1.8	420	mg/m^3
601	Cerium fluoride	7758-88-5	26	280	1,700	mg/m^3
602	Cerium hydroxide	15785-09-8	0.75	2	75	mg/m^3
603	Cerium nitrate hexahydrate	10294-41-4	13	140	830	mg/m^3
604	Cerium oxalate	139-42-4	30	330	2,000	mg/m^3
605	Cerium sulfate	13590-82-4	30	330	2,000	mg/m^3
606	Cerium trioxide	1345-13-7	1.6	17	100	mg/m^3
607	Cerium(III) sulfate	13454-94-9	6	66	400	mg/m^3
608	Cerium(IV) hydroxide	12014-56-1	30	330	2,000	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
609	Cerium(IV) nitrate	13093-17-9	30	330	2,000	mg/m^3
610	Cerous nitrate; (Cerium(III) nitrate)	10108-73-3	9.5	100	620	mg/m^3
611	Cerous nitrite	z-0004	0.1	0.75	75	mg/m^3
612	Cesium	7440-46-2	5.6	61	370	mg/m^3
613	Cesium carbonate	534-17-8	7	77	460	mg/m^3
614	Cesium chloride	7647-17-8	7.5	83	400	mg/m^3
615	Cesium fluoride	13400-13-0	60	670	4,000	mg/m^3
616	Cesium hydroxide	21351-79-1	2	2	110	mg/m^3
617	Cesium iodide	7789-17-5	7.2	79	470	mg/m^3
618	Cesium metaborate	92141-86-1	6	77	460	mg/m3
619	Cesium nitrate	7789-18-6	7.2	79	470	mg/m^3
620	Cesium nitrite	13454-83-6	0.2	1.5	60	mg/m^3
621	Cesium oxide	20281-00-9	6.4	70	420	mg/m^3
622	Charcoal, activated	64365-11-3	30	330	2,000	mg/m^3
623	Chloramben; (Amiben; 3-Amino-2,5-dichlorobenzoic acid)	133-90-4	11	120	690	mg/m^3
624	Chloramphenicol	56-75-7	1.5	1.8	500	mg/m^3
625	Chlordane	57-74-9	4.5	50	500	mg/m^3
626	Chlorfenvinfos	470-90-6	0.91	10	10	mg/m^3
627	Chloric acid, sodium salt; (Sodium chlorate)	7775-09-9	0.11	1.2	32	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
628	Chloride; (Chloride(1-); Chloride ions)	16887-00-6	1	2.52	30	ppm
629	Chlorinated polyolefins	68410-99-1	30	330	2,000	mg/m^3
630	**Chlorine**	**7782-50-5**	**0.5**	**2**	**20**	ppm
631	**Chlorine dioxide**	**10049-04-4**	**0.15**	**1.1**	**2.4**	ppm
632	Chlorine Hi dry granular (as Cl)	z-0006	1	2.52	30	ppm
633	**Chlorine pentafluoride**	**13637-63-3**	**0.3**	**1**	**8**	ppm
634	**Chlorine trifluoride**	**7790-91-2**	**0.12**	**2**	**21**	ppm
635	Chlormephos	24934-91-6	0.64	7	7	mg/m^3
636	Chlormequat chloride; (Choline dichloride)	999-81-5	0.64	7	11	mg/m^3
637	**Chloro-1,1,1,2-tetrafluoroethane, 2-**	**2837-89-0**	**1,000**	**5,000**	**10,000**	ppm
638	**Chloro-1,1-difluoroethane, 1-; (HCFC-142b)**	**75-68-3**	***10,000***	***15,000***	***25,000***	ppm
639	Chloro-1,2-propanediol, 3-; (Chlorohydrin)	96-24-2	0.0041	0.045	4.8	ppm
640	Chloro-1-butanol, 4-	928-51-8	0.53	5.8	110	mg/m^3
641	Chloro-2,4-dinitrobenzene, 1-	97-00-7	0.58	6.4	150	mg/m^3
642	Chloro-2-methyl-1-propene, 3-	563-47-3	0.15	1.6	9.8	ppm
643	Chloro-2-methyl-4-isothiazolin-3-one, 5-	26172-55-4	0.2	0.2	0.2	mg/m^3
644	Chloro-2-methylpropane, 2-; (Tert-butyl chloride)	507-20-0	0.11	1.3	220	ppm
645	Chloro-2-nitrophenol, 4-	89-64-5	0.3	3.3	20	mg/m^3
646	Chloro-4-nitrophenol, 2-	619-08-9	0.38	4.2	25	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
647	**Chloroacetaldehyde**	**107-20-0**	**1.3**	**2.2**	**9.9**	ppm
648	Chloroacetaldehyde dimethyl acetal	97-97-2	6	66	400	mg/m^3
649	Chloroacetic acid, sodium salt	3926-62-3	3.1	3.1	19	mg/m^3
650	**Chloroacetic acid; (Monochloroacetic acid)**	**79-11-8**	0.6	**6.6**	24	ppm
651	**Chloroacetone**	**78-95-5**	0.4	**4.4**	**13**	ppm
652	**Chloroacetonitrile**	**107-14-2**	2.9	**32**	**67**	ppm
653	**Chloroacetyl chloride**	**79-04-9**	**0.04**	**1.6**	**52**	ppm
654	Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride, 1-(3-	4080-31-3	0.062	0.69	99	mg/m^3
655	Chloroaniline, p-	106-47-8	2.2	25	100	mg/m^3
656	**Chlorobenzene; (Benzene chloride)**	**108-90-7**	**10**	**150**	**400**	ppm
657	Chlorobenzotrifluoride, 2-	88-16-4	4.8	53	320	mg/m^3
658	Chlorobenzylate; (4,4'-Dichlorobenzilic acid ethyl ester)	510-15-6	0.26	2.9	140	mg/m^3
659	**Chlorobenzylidene malononitrile, o-; (Tear Gas)**	**2698-41-1**	**0.05**	**0.5**	**11**	mg/m^3
660	Chlorobutane, 1-; (Butyl chloride)	109-69-3	1.5	16	310	ppm
661	Chlorobutane, 2-; (sec-Butyl chloride)	78-86-4	0.12	1.4	310	ppm
662	Chlorobutyryl chloride, 4-	4635-59-0	0.43	4.8	29	mg/m^3
663	Chlorocyclohexanol, trans-2-	6628-80-4	2.7	30	180	mg/m^3
664	Chlorocyclohexene; (4-Chlorocyclohexene)	930-65-4	60	500	***2,500***	ppm
665	Chlorodecane, 1-	1002-69-3	48	250	1,500	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
666	Chlorodiethylaluminum; (Diethylaluminum chloride)	96-10-6	27	81	490	mg/m^3
667	Chlorodifluoromethane; (Freon 22; CFC 22)	75-45-6	1,250	2,100	2,400	ppm
668	Chloroethanesulfonyl chloride, 2-	1622-32-8	0.23	2.5	19	mg/m^3
669	Chloroethyl chloroformate	627-11-2	1.8	20	20	mg/m^3
670	Chloroethyl phenyl sulfide, 2-	5535-49-9	0.33	3.7	22	mg/m3
671	Chloroethyl vinyl ether, 2-; (Ethene, 2-chloroethoxy-)	110-75-8	0.15	1.6	9.7	ppm
672	Chloroethylchloromethylsulfide, 2-	2625-76-5	0.01	0.02	0.32	ppm
673	**Chloroform**	**67-66-3**	2	**64**	**3,200**	ppm
674	Chloroform-d; (Deuterated chloroform)	865-49-6	2	64	3,200	ppm
675	Chloro-m-cresol, 4-	59-50-7	5.5	60	360	mg/m^3
676	**Chloromethyl methyl ether**	**107-30-2**	0.043	**0.47**	**2**	ppm
677	**Chloromethyl(trichloro)silane**	**1558-25-4**	**0.6**	**7.3**	**33**	ppm
678	Chloronaphthalene, 1-; (alpha-Chloronaphthalene)	90-13-1	4.6	51	310	mg/m^3
679	Chloronaphthalene, 2-; (beta-Chloronaphthalene)	91-58-7	0.6	69	410	mg/m^3
680	Chloronitrobenzene, p-; (p-Nitrochlorobenzene)	100-00-5	1.2	1.2	1,000	mg/m^3
681	Chloroperoxybenzoic acid, 3-	937-14-4	0.023	0.26	1.5	mg/m^3
682	Chlorophacinone	3691-35-8	0.091	1	1	mg/m^3
683	Chlorophenol, 4-; (p-Chlorophenol)	106-48-9	1.5	17	99	mg/m^3
684	Chlorophenol, m-	108-43-0	2.1	23	140	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
685	Chlorophenol, o-	95-57-8	0.25	2.8	26	ppm
686	Chlorophenyl phenyl ether, 4-	7005-72-3	5	55	330	mg/m^3
687	Chlorophenyl thiourea, 2-	5344-82-1	0.42	4.6	4.6	mg/m^3
688	Chloropicrin/Methyl bromide mixture	8004-09-9	0.33	1	9.31	mg/m^3
689	Chloropicrin/Methyl chloride mixture	z-0007	0.17	0.5	4.66	mg/m^3
690	**Chloropicrin; (Trichloronitromethane)**	**76-06-2**	**0.05**	**0.15**	**1.4**	ppm
691	Chloroprene; (beta-Chloroprene; Neoprene)	126-99-8	10	10	400	ppm
692	Chloropropanol, 3-; (1-Propanol, 3-chloro-)	627-30-5	6.9	76	460	mg/m^3
693	Chloropropionitrile, 3-	542-76-7	0.22	2.5	5.4	ppm
694	Chloropropyl)trimethoxysilane, 3-(; (3-(Trimethoxysilyl)propyl chloride)	2530-87-2	0.12	1.3	160	ppm
695	Chloropropylene, 2-	557-98-2	39	430	3,000	ppm
696	Chloropropyl-n-octylsulfoxide, 3-	3569-57-1	0.73	8	1,100	mg/m^3
697	Chloro-p-toluenesulfonamide sodium salt, N-; (Chloramine T)	127-65-1	0.052	0.57	33	mg/m^3
698	Chlorosarin; (o-Isopropyl methylphosphonochloridate)	1445-76-7	5.00E-04	0.006	0.022	ppm
699	Chlorosoman; (o-Pinacolyl methylphosphonochloridate)	7040-57-5	0.011	0.12	0.75	ppm
700	**Chlorosulfonic acid; (Chlorosulfuric acid)**	**7790-94-5**	**0.1**	**4.4**	**25**	mg/m^3
701	Chlorothalonil; (Tetrachloroisophthalonitrile)	1897-45-6	0.56	6.1	8.6	mg/m^3
702	Chlorotoluene, 2-; (o-Chlorotoluene)	95-49-8	75	75	170	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
703	Chlorotoluene, 4-; (p-Tolyl chloride)	106-43-4	2.6	28	230	ppm
704	Chlorotrifluoroethene, homopolymer	9002-83-9	0.53	5.8	180	mg/m^3
705	**Chlorotrifluoroethylene**	**79-38-9**	**16**	**86**	**420**	ppm
706	Chlorotrifluoromethane; (CFC-13)	75-72-9	3,000	33,000	2.00E+05	ppm
707	**Chlorovinylarsine dichloride; (Lewisite 1)**	**541-25-3**	0.12	**0.12**	**0.74**	mg/m^3
708	Chloroxuron	1982-47-4	0.91	10	68	mg/m^3
709	Chlorpyrifos; (Dursban)	2921-88-2	0.6	1.1	8.8	mg/m^3
710	Chlorsulfuran	64902-72-3	3.9	43	260	mg/m^3
711	Chlorthiophos	21923-23-9	0.71	7.8	7.8	mg/m^3
712	Chromates	13907-45-4	0.096	0.1	30	mg/m^3
713	Chromic acetate; (Chromium(III) acetate)	1066-30-4	6.6	78	470	mg/m^3
714	Chromic chloride; (Chromium(III) chloride)	10025-73-7	4.6	25	87	mg/m^3
715	Chromic oxide; (Chromium(III) oxide; Chromium sesquioxide)	1308-38-9	2.2	3.8	23	mg/m^3
716	Chromic sulfate; (Chromium(III) sulfate (2:3))	10101-53-8	5.7	6.3	38	mg/m^3
717	Chromic trioxide; (Chromium(VI) oxide (1:3))	1333-82-0	0.096	0.1	30	mg/m^3
718	Chromic(III) hydroxide; (Chromic acid (H3CrO3); Chromium trihydroxide)	1308-14-1	3	33	200	mg/m^3
719	Chromite; (Chromite (mineral))	1308-31-2	0.32	3.6	22	mg/m^3
720	Chromium	7440-47-3	1.5	17	99	mg/m^3
721	Chromium nitrate	10103-47-6	14	160	930	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
722	Chromium perchlorate, hydrated	13537-21-8	10	110	670	mg/m^3
723	Chromium(III) acetate hydroxide	39430-51-8	7.2	79	480	mg/m^3
724	Chromium(III) chloride, hexahydrate	10060-12-5	7.7	59	350	mg/m^3
725	Chromium(III) fluoride	7788-97-8	3.1	14	83	mg/m^3
726	Chromium(III) nitrate	13548-38-4	6.9	110	640	mg/m^3
727	Chromium(III) oxide hydroxide; (Chromium oxyhydroxide)	20770-05-2	2.5	27	160	mg/m^3
728	Chromium(III) potassium sulfate (1:1:2), dodecahydrate	7788-99-0	7.4	7.4	44	mg/m^3
729	Chromium(VI) hydroxide	12626-43-6	0.089	15	89	mg/m^3
730	Chromous chloride; (Chromium(II) chloride (1:2))	10049-05-5	3.5	62	370	mg/m^3
731	Chrysene (coal tar volatile)	218-01-9	0.6	120	700	mg/m^3
732	Cinnamaldehyde	104-55-2	14	150	670	mg/m^3
733	Cinnamaldehyde, (E); (trans-Cinnamaldehyde)	14371-10-9	5.5	60	120	ppm
734	Citric acid	77-92-9	0.37	4	590	mg/m^3
735	Citric acid monohydrate	5949-29-1	2.3	25	150	mg/m^3
736	Citric acid, trisodium salt, dihydrate	6132-04-3	9.3	100	610	mg/m^3
737	Coal tar pitch volatiles; (Particulate polycyclic aromatic hydrocarbons)	65996-93-2	0.6	36	700	mg/m^3
738	Coal tar, aerosol	8007-45-2	2.4	26	160	mg/m^3
739	Cobalt	7440-48-4	0.18	2	20	mg/m^3
740	Cobalt acetate tetrahydrate; (Cobaltous acetate tetrahydrate)	6147-53-1	2.1	23	140	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
741	Cobalt carbonyl	10210-68-1	0.27	0.27	7.3	mg/m^3
742	Cobalt chloride	7646-79-9	0.13	6.9	1,100	mg/m^3
743	**Cobalt hydrocarbonyl**	**16842-03-8**	0.29	**0.9**	**3**	mg/m3
744	Cobalt hydroxide	21041-93-0	0.095	1.1	6.3	mg/m^3
745	Cobalt nitrate hexahydrate; (Cobaltous nitrate hexahydrate)	10026-22-9	0.3	23	140	mg/m^3
746	Cobalt nitrate; (Cobalt(II) nitrate)	10141-05-6	0.19	14	86	mg/m^3
747	Cobalt nitrite	32486-57-0	0.15	1.7	10	mg/m^3
748	Cobalt oxide; (Cobaltic-cobaltous oxide)	1308-06-1	0.082	4.5	27	mg/m^3
749	Cobalt sulfate	10124-43-3	0.16	0.96	84	mg/m^3
750	Cobalt sulfate heptahydrate; (Cobalt(II) sulfate(1:1), heptahydrate)	10026-24-1	0.29	2.3	120	mg/m^3
751	Cobalt tetraphenylporphine	14172-90-8	30	330	2,000	mg/m^3
752	Cobalt(II) chloride hexahydrate	7791-13-1	0.24	0.98	150	mg/m^3
753	Cobalt(II) oxide	1307-96-6	0.076	1.4	25	mg/m^3
754	Cobalt(II) perchlorate, hexahydrate	13478-33-6	0.37	5.8	35	mg/m^3
755	Cobalt(II) sulfate hydrate	60459-08-7	0.18	1.9	12	mg/m^3
756	Cobalt, ((2,2'-(1,2-ethanediylbis(nitrilomethylidyne))bis(6-fluorophenolato))(2-)-N,N',O,O')-; (Fluomine)	62207-76-5	0.27	3	5.7	mg/m^3
757	Cobaltous bromide; (Cobalt(II) bromide)	7789-43-7	0.22	13	80	mg/m^3
758	Cobaltous carbonate	513-79-1	0.12	21	130	mg/m^3
759	Colchicine	64-86-8	0.082	0.9	0.9	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
760	Copper	7440-50-8	1	1	45	mg/m^3
761	Copper cyanide; (Copper(I) cyanide; Cuprous cyanide)	544-92-3	4.2	42	250	mg/m^3
762	Copper hydroxide; (Copper(II) hydroxide, Cupric hydroxide)	20427-59-2	4.6	18	110	mg/m^3
763	Copper nitrate; (Cupric nitrate)	3251-23-8	8.9	26	160	mg/m^3
764	Copper oxide; (Copper(I) oxide)	1317-39-1	0.6	16	93	mg/m^3
765	Copper sulfate; (Copper(II) sulfate)	7758-98-7	2.5	2.5	55	mg/m^3
766	Copper(I) chloride; (Cuprous chloride)	7758-89-6	4.6	4.6	28	mg/m^3
767	Copper(I) sulfide	22205-45-4	3.8	43	260	mg/m^3
768	Copper(II) acetate monohydrate	6046-93-1	9.4	23	140	mg/m^3
769	Copper(II) carbonate hydroxide (2:1:2)	12069-69-1	5.2	45	270	mg/m^3
770	Copper(II) chloride (1:2); (Cupric chloride)	7447-39-4	2.1	2.1	28	mg/m^3
771	Copper(II) chloride dihydrate; (Cupric chloride)	10125-13-0	8	89	530	mg/m^3
772	Copper(II) oxalate	814-91-5	7.3	79	480	mg/m^3
773	Copper(II) perchlorate, dihydrate	17031-32-2	4.7	4.7	11	mg/m^3
774	Copper(II) sulfate pentahydrate	7758-99-8	12	60	1,200	mg/m^3
775	Copper(II) sulfide	1317-40-4	4.5	50	300	mg/m^3
776	Corn oil	8001-30-7	280	3,000	18,000	mg/m^3
777	Coumaphos	56-72-4	0.27	3	13	mg/m^3
778	Coumarin	91-64-5	0.018	0.2	58	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
779	Coumatetralyl; (Endrocide)	5836-29-3	1.5	16.5	16.5	mg/m^3
780	Creosote (coal tar)	8001-58-9	0.6	18	700	mg/m^3
781	Cresols	1319-77-3	4.52	25	250	ppm
782	Cresyl violet acetate	10510-54-0	30	330	2,000	mg/m^3
783	Crimidine; (Castrix)	535-89-7	0.11	1.2	1.2	mg/m^3
784	Cristobalite	14464-46-1	0.075	0.41	41	mg/m^3
785	Crocidolite	12001-28-4	0.05	0.35	250	mg/m^3
786	**Crotonaldehyde**	**4170-30-3**	**0.19**	**4.4**	**14**	ppm
787	**Crotonaldehyde, trans-**	**123-73-9**	**0.19**	**4.4**	**14**	ppm
788	Crotonic Acid	3724-65-0	3	33	200	mg/m^3
789	Crystal violet; (Aniline violet)	548-62-9	0.03	0.33	83	mg/m^3
790	Cs7SB; (1-(2,2,3,3-Tetrafluoropropoxy)-3-(4-sec-butylphenoxy)-2-propanol)	308362-88-1	33	370	2,200	mg/m^3
791	Cube Resin other than Rotenone	z-0122	30	330	2,000	mg/m^3
792	Cumene hydroperoxide; (Isopropylbenzene hydroperoxide)	80-15-9	1.1	1.1	9.7	ppm
793	**Cumene; (Isopropyl benzene)**	**98-82-8**	**50**	**300**	**730**	ppm
794	Cumenol methylcarbamate, m-; (3-(1-Methylethyl)phenol methylcarbamate)	64-00-6	1.5	16	16	mg/m^3
795	Cupferron; (Ammonium-N-nitrosophenylhydroxylamine)	135-20-6	1.7	18	39	mg/m^3
796	Cupric acetate, anhydrous; (Copper acetate)	142-71-2	2.9	2.9	99	mg/m^3
797	Cupric nitrate hemipentahydrate	19004-19-4	11	130	750	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
798	Cupric nitrite	14984-71-5	0.075	0.6	60	mg/m^3
799	Cupric oxide	1317-38-0	0.75	4.6	28	mg/m^3
800	Cyanamide	420-04-2	2	2	3.3	mg/m^3
801	Cyanic acid; (Hydrogen cyanate)	420-05-3	25	270	1,600	ppm
802	Cyanide	57-12-5	8.3	8.3	50	mg/m^3
803	Cyanoacetamide	107-91-5	2.8	30	180	mg/m^3
804	**Cyanogen**	**460-19-5**	**2**	**8.3**	**25**	ppm
805	Cyanogen bromide	506-68-3	20	44	200	mg/m^3
806	**Cyanogen chloride**	**506-77-4**	0.036	**0.4**	**4**	ppm
807	Cyanogen iodide	506-78-5	29	180	290	mg/m^3
808	Cyanoguanidene; (Guanidine, cyano-; Dicyandiamido)	461-58-5	22	250	4,000	mg/m^3
809	Cyanophos	2636-26-2	2.3	25	25	mg/m^3
810	Cyanuric acid; (1,3,5-Triazine-2,4,6-triol)	108-80-5	10	10	1,500	mg/m^3
811	Cyanuric chloride	108-77-0	0.15	1.6	3.8	mg/m^3
812	Cyanuric fluoride; (2,4,6-Trifluoro-s-triazine)	675-14-9	0.17	0.17	87	mg/m^3
813	Cyclohexane	110-82-7	100	100	10,000	ppm
814	Cyclohexane-1,2-dinitrilotetraacetic acid, trans-; (CyDTA)	13291-61-7	30	330	2,000	mg/m^3
815	Cyclohexanediamine, 1,2-	694-83-7	1.9	21	120	mg/m^3
816	Cyclohexanedimethanol, cis and trans, 1,4-	105-08-8	9.6	110	630	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
817	Cyclohexanol	108-93-0	50	50	3,500	ppm
818	Cyclohexanone; (Ketohexamethylene)	108-94-1	20	20	***5,000***	ppm
819	Cyclohexene	110-83-8	300	300	***10,000***	ppm
820	Cycloheximide	66-81-9	0.18	2	2	mg/m^3
821	**Cyclohexyl isocyanate**	**3173-53-3**	0.0015	0.017	**0.1**	ppm
822	Cyclohexyl methyl phosphonic acid	1932-60-1	30	330	2,000	mg/m^3
823	**Cyclohexylamine**	**108-91-8**	**1.8**	**8.6**	**30**	ppm
824	Cyclohexylamino)-1-propanesulfonic acid, 3-(; (CAPS)	1135-40-6	0.69	7.6	46	mg/m^3
825	Cyclohexylethanol, 2-	4442-79-9	2.8	31	190	mg/m^3
826	Cyclooctadiene, 1,5-	111-78-4	1.2	13	77	ppm
827	Cyclooctane	292-64-8	3.3	37	220	ppm
828	Cyclooctatetraene, 1,3,5,7-	629-20-9	65,000	2.30E+05	4.00E+05	ppm
829	Cyclooctene, cis-	931-87-3	2.5	27	160	mg/m^3
830	Cyclopentane	287-92-3	600	3,800	3,800	ppm
831	Cyclopentanone	120-92-3	42	42	250	ppm
832	Cyclopropane	75-19-4	13	140	5,000	ppm
833	Cyclotetramethylene tetranitramine; (HMX)	2691-41-0	19	210	1,300	mg/m^3
834	Cyclotol; (RDX-TNT mixture)	8065-53-0	3	15	60	mg/m^3
835	Cyclotrimethylenetrinitramine; (RDX or Cyclonite)	121-82-4	3	12	20	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
836	Cytidine monophosphate; (Cytidine 5-monophosphate free acid)	63-37-6	6.8	74	450	mg/m^3
837	Dawsonite; (Crystalline dehydroxy sodium aluminum, carbonate)	12011-76-6	10	15	500	mg/m^3
838	DDD; (1,1-bis(4-Chlorophenyl)-2,2-dichloroethane)	72-54-8	1.2	13	4,700	mg/m^3
839	DDE; (2,2-bis(p-Chlorophenyl)-1,1-dichloroethylene)	72-55-9	2.4	26	170	mg/m^3
840	DDT; (Dichlorodiphenyltrichloroethane)	50-29-3	1	1	38	mg/m^3
841	DEAE Sepharose CL-6B	62610-50-8	30	330	2,000	mg/m^3
842	Decaborane	17702-41-9	0.75	10	100	mg/m^3
843	Decafluoropentane, 1,1,1,2,3,4,4,5,5,5-	138495-42-8	200	400	490	ppm
844	Decahydronaphthalene	91-17-8	0.032	0.35	31	ppm
845	Decahydronaphthalene, cis-; (cis-Decalin)	493-01-6	0.032	0.35	31	ppm
846	Decahydronaphthalene, trans-; (trans-Decalin)	493-02-7	0.032	0.35	31	ppm
847	Decamethylcyclopentasiloxane	541-02-6	0.37	4.1	6.9	ppm
848	Decanal	112-31-2	1.8	19	120	ppm
849	Decane	124-18-5	1.9	20	440	ppm
850	Decene, 1-, homopolymer, hydrogenated	68037-01-4	30	330	2,000	mg/m^3
851	Decyl alcohol; (1-Decanol)	112-30-1	0.32	3.5	930	mg/m^3
852	Demeton	8065-48-3	0.18	2	20	mg/m^3
853	Demeton-S-methyl	919-86-8	0.45	5	22	mg/m^3
854	Deoxyribonucleic acid; (DNA)	9007-49-2	10	110	670	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
855	Deuterium	7782-39-0	65,000	2.30E+05	4.00E+05	ppm
856	Deuterium oxide; (Heavy water)	7789-20-0	0.74	8.2	49	ppm
857	Deuterochloric acid; (Deuterium chloride)	7698-05-7	1.8	22	100	ppm
858	Dextran	9004-54-0	0.21	2.3	300	mg/m^3
859	Dextran sulfate sodium	9011-18-1	2.7	29	4,100	mg/m^3
860	Di(ethylene glycol) diacrylate	4074-88-8	0.75	8.3	50	mg/m^3
861	Di-2-ethylhexyl adipate	103-23-1	0.74	8.2	1,500	mg/m^3
862	Diacetoxydibutyl stannane	1067-33-0	0.59	0.82	6.3	mg/m^3
863	Diacetyl peroxide; (Acetyl peroxide)	110-22-5	0.57	6.3	38	mg/m^3
864	Dialifor	10311-84-9	0.45	5	5	mg/m^3
865	Diallyl phthalate	131-17-9	15	33	140	mg/m^3
866	Diallyldimethylammonium chloride	7398-69-8	7.6	83	770	mg/m^3
867	Diallyldimethylammonium chloride polymer	26062-79-3	2.2	24	590	mg/m^3
868	Diamino-6-(2'-methylimidazol-1-yl)ethyl-s-triazine, 2,4-; (1,3,5-Triazine-2,4-diamine, 6-(2-(2-methyl-1H-imidazol-1-yl)ethyl)-; Curezol 2MEA-PW)	38668-46-1	30	330	2,000	mg/m^3
869	Diaminodiphenyl ether, 4,4'-; (4,4'-Oxydianiline)	101-80-4	0.088	0.97	140	mg/m^3
870	Diaminodiphenylsulfone; (4,4'-Sulfonyldianiline)	80-08-0	0.72	7.9	200	mg/m^3
871	Diaminodipropylamine, 3,3-; (Aminobis(propylamine))	56-18-8	0.41	4.5	27	ppm
872	Diaminopyridine, 2,6-	141-86-6	0.33	3.6	22	mg/m^3
873	Diammonium dimolybdate; (Ammonium molybdenum oxide)	27546-07-2	2.6	29	170	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
874	Diamond	7782-40-3	2.3	25	1,100	mg/m^3
875	Dianisidine dihydrochloride, o-; (3,3'-Dimethoxybenzidine dihydrochloride)	20325-40-0	0.021	0.23	4.2	mg/m^3
876	Diatomaceous earth (flux calcinated; Filter agent, celite; Amorphous silica)	68855-54-9	0.9	9.9	59	mg/m^3
877	Diatomaceous earth; (Silica-amorphous diatomaceous earth (uncalcined))	61790-53-2	18	200	1,200	mg/m^3
878	Diatomaceous silica, calcined	91053-39-3	0.9	9.9	59	mg/m^3
879	Diazabicyclo(2,2,2)octane, 1,4-	280-57-9	0.19	2.1	340	mg/m^3
880	Diazabicyclo(5.4.0)undec-7-ene, 1,8-	6674-22-2	1.2	13	79	mg/m^3
881	Diazoacetic acid, ethyl ester; (Ethyl diazoacetate)	623-73-4	0.037	0.41	79	mg/m^3
882	Diazomethane	334-88-3	0.6	2	2	ppm
883	Dibenza(a,h)anthracene	53-70-3	0.034	0.37	4.5	mg/m^3
884	Dibenzo(a,e)pyrene; (Naphtho(1,2,3,4-def)chrysene)	192-65-4	30	330	2,000	mg/m^3
885	Dibenzofuran	132-64-9	30	330	2,000	mg/m^3
886	Dibenzo-p-dioxin	262-12-4	0.11	1.2	240	mg/m^3
887	**Diborane**	**19287-45-7**	0.1	**1**	**3.7**	ppm
888	Dibromo-3-chloropropane, 1,2-; (DBCP)	96-12-8	0.003	0.41	0.45	ppm
889	Dibromo-4-nitrophenol, 2,6-	99-28-5	0.015	0.17	1	ppm
890	Dibromochloromethane; (Chlorodibromomethane)	124-48-1	7.4	73	73	mg/m^3
891	Dibromohexane, 1,6-	629-03-8	0.89	9.7	58	mg/m^3
892	Dibromomethane; (Methylene dibromide)	74-95-3	0.23	2.5	200	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
893	Dibromophenol, 2,6-	608-33-3	0.5	2.5	2.5	mg/m^3
894	Dibromopropane, 1,3-	109-64-8	1.6	17	100	mg/m^3
895	Dibromotetrafluoroethane; (Halon 2402)	124-73-2	43	480	2,900	ppm
896	Dibutyl (2-ethylhexyl)phosphate	z-0011	0.6	0.7	0.7	ppm
897	Dibutyl butylphosphonate	78-46-6	0.018	0.2	1.2	ppm
898	Dibutyl peroxide, tert-	110-05-4	0.077	0.85	180	ppm
899	Dibutyl phosphate	107-66-4	2	21	125	ppm
900	Dibutyl phosphite	1809-19-4	13	150	880	mg/m^3
901	Dibutyl phthalate	84-74-2	15	31	9,300	mg/m^3
902	Dibutylboron triflate; (Dibutylboryl trifluoromethanesulfonate)	60669-69-4	36	400	2,400	mg/m^3
903	Dibutylhexamethylenediamine, N,N'-	4835-11-4	0.2	2.2	9.7	mg/m^3
904	Dibutyltin dilaurate; (Dibutylbis(lauroyloxy)stannane)	77-58-7	1.1	3.3	5.2	mg/m3
905	Dichloran; (2,6-Dichloro-4-nitroaniline; Resisan)	99-30-9	7.2	79	480	mg/m^3
906	Dichloro(4,4-dimethylzinc -5((((methylamino)carbonyl)oxy)imino)pentanenitrile), (trans-4)-; (Ethienocarb)	58270-08-9	0.82	9	9	mg/m^3
907	**Dichloro-1,1,1-trifluoroethane, 2,2-; (HCFC-123)**	**306-83-2**	91	**1,000**	**10,000**	ppm
908	**Dichloro-1-fluoroethane, 1,1-; (HCFC-141b; Freon 141)**	**1717-00-6**	**1,000**	**1,700**	**3,000**	ppm
909	Dichloro-2-butene, 1,4-	764-41-0	0.015	0.13	12	ppm
910	Dichloro-2-propanol, 1,3-	96-23-1	0.06	0.66	4.8	ppm
911	Dichloro-2-trifluoromethylbenzimidazole, 4,5-; (Chloroflurazole)	3615-21-2	1.2	13	13	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
912	Dichloroacetic acid	79-43-6	1.5	6.9	110	ppm
913	**Dichloroacetyl chloride**	**79-36-7**	**0.04**	**1.6**	**52**	ppm
914	Dichloroacetylene	7572-29-4	0.0091	0.1	13	ppm
915	Dichloroamine; (Chlorimide)	3400-09-7	0.051	0.56	3.4	ppm
916	Dichlorobenzene, m-	541-73-1	2.7	2.7	38	ppm
917	Dichlorobenzene, o-	95-50-1	50	50	1,000	ppm
918	Dichlorobenzene, p-	106-46-7	10	10	1,000	ppm
919	Dichlorobenzidene, 3,3'-	91-94-1	0.035	0.38	73	ppm
920	Dichlorocyclohexane, 1,1-	2108-92-1	0.75	6	30	ppm
921	Dichlorocyclohexane, trans-1,2-	822-86-6	0.75	6	30	ppm
922	Dichlorodifluoromethane; (Freon 12, CFC 12)	75-71-8	1,000	10,000	50,000	ppm
923	Dichloroethanol acetate, 1,2-	10140-87-1	0.15	1.7	1.7	ppm
924	Dichloroethyl ether; (1,1'-Oxybis(2-chloro)ethane; Bis(2-chloroethyl)ether)	111-44-4	10	25	250	ppm
925	Dichloroethylaluminum	563-43-9	10	10	10	mg/m^3
926	Dichloroethylbenzene; (Ethyldichlorobenzene)	1331-29-9	17	180	1,100	mg/m^3
927	Dichloroethylene, 1,2-	540-59-0	200	200	4,000	ppm
928	**Dichloroethylene, cis-1,2-**	**156-59-2**	**140**	**500**	**850**	ppm
929	**Dichloroethylene, trans-1,2-**	**156-60-5**	**280**	**1,000**	**1,700**	ppm
930	Dichlorofluoromethane; (Freon 21, CFC 21)	75-43-4	91	1,000	***50,000***	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
931	Dichlorohexane, 1,2-	2162-92-7	0.75	6	30	ppm
932	Dichlorohexane, 1,6-	2163-00-0	12	130	790	mg/m^3
933	Dichloroisopropyl ether	108-60-1	0.053	0.58	20	ppm
934	Dichloromethane-d2	1665-00-5	200	560	***6,900***	ppm
935	Dichloromethoxy ethane; (bis(2-Chloroethoxy)methane)	111-91-1	0.13	1.4	2.4	ppm
936	**Dichloromethyl ether; (bis(Chloromethyl)ether)**	**542-88-1**	0.004	**0.044**	**0.18**	ppm
937	Dichloromethylphenylsilane	149-74-6	1.8	20	20	mg/m^3
938	Dichloromethylphosphine; (Methylphosphonous dichloride)	676-83-5	0.067	0.73	4.4	ppm
939	Dichlorooctane, 1,8-	2162-99-4	7.5	83	500	mg/m^3
940	Dichlorophene	97-23-4	4.5	50	300	mg/m^3
941	**Dichlorophenol, 2,4-**	**120-83-2**	**0.2**	**2**	**20**	ppm
942	Dichlorophenol, 2,6-	87-65-0	8.8	97	580	mg/m^3
943	Dichlorophenoxyacetic acid, 2,4-; (2,4-D)	94-75-7	14	14	500	mg/m^3
944	Dichloropropane	26638-19-7	0.96	11	42	ppm
945	Dichloropropane, 1,1-	78-99-9	2.3	26	150	ppm
946	Dichloropropane, 1,2-; (Propylene dichloride)	78-87-5	30	51	2,000	ppm
947	Dichloropropane, 1,3-	142-28-9	0.96	11	42	ppm
948	Dichloropropane, 2,2-	594-20-7	2.4	26	160	ppm
949	Dichloropropene, 1,1-	563-58-6	1.3	15	87	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
950	Dichloropropene, 1,2-	563-54-2	1.3	15	87	ppm
951	Dichloropropene, 1,3-; (including cis- and trans- isomers)	542-75-6	3	19	120	ppm
952	Dichloropropene, 2,3-	78-88-6	0.36	4	24	ppm
953	Dichloropropene, cis-1,2-; (1,2-Dichloro-1-propene, (Z)-)	6923-20-2	1.3	15	87	ppm
954	**Dichlorosilane**	**4109-96-0**	**0.9**	**11**	**50**	ppm
955	Dichlorotetrafluoroethane	1320-37-2	210	2,300	***8,500***	ppm
956	Dichlorotetrafluoroethane, 1,2-; (Freon 114, CFC 114)	76-14-2	1,000	10,000	50,000	ppm
957	Dichlorovos; (Dichlorvos)	62-73-7	1.8	20	200	mg/m^3
958	Dicrotophos	141-66-2	0.082	0.9	4	mg/m^3
959	Dicyclohexano-18-crown-6	16069-36-6	0.15	1.6	35	mg/m^3
960	Dicyclohexyl; (Cyclohexylcyclohexane)	92-51-3	6	66	400	mg/m^3
961	Dicyclohexylcarbodiimide	538-75-0	0.12	1.3	8	mg/m^3
962	**Dicyclopentadiene**	**77-73-6**	**0.01**	**5**	**75**	ppm
963	Didecyldimethylammonium chloride	7173-51-5	0.3	3.3	17	mg/m^3
964	Dieldrin	60-57-1	0.3	2.5	450	mg/m^3
965	Diesel fuel marine; (Diesel fuel No. 4)	z-0012	100	100	8,500	mg/m^3
966	Diesel fuel marine; (Fuel oil No.2)	68476-30-2	100	100	2,400	mg/m^3
967	Diesel fuels	68334-30-5	100	100	1,500	mg/m^3
968	Diethanolamine	111-42-2	3	5.1	130	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
969	Diethenylbenzene, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated; (Dowex 50-X8 resin)	69011-20-7	30	330	2,000	mg/m^3
970	Diethoxydimethylsilane	78-62-6	2.8	31	180	ppm
971	Diethyl (methylthiomethyl) phosphonate	28460-01-7	0.037	0.41	2.4	ppm
972	**Diethyl benzene isomers; (Dowtherm J)**	**25340-17-4**	**10**	**100**	**500**	ppm
973	Diethyl carbonate	105-58-8	0.42	4.6	70	ppm
974	Diethyl chlorophosphate	814-49-3	0.73	8	8	mg/m^3
975	Diethyl ethylphosphonate	78-38-6	0.37	4.1	460	mg/m^3
976	Diethyl malonate; (Ethyl malonate)	105-53-3	6.9	76	450	ppm
977	Diethyl mercury	627-44-1	0.039	0.052	13	mg/m^3
978	Diethyl methylphosphonate; (DEMP)	683-08-9	7.3	81	480	mg/m^3
979	Diethyl oxalate	95-92-1	1.2	13	79	mg/m^3
980	Diethyl phosphite	762-04-9	12	130	770	mg/m^3
981	Diethyl phthalate; (Ethyl phthalate)	84-66-2	5	5	1,700	mg/m^3
982	Diethyl pyrocarbonate	1609-47-8	3.7	41	240	mg/m^3
983	Diethyl sulfate	64-67-5	0.013	0.15	9.7	ppm
984	Diethyl tartrate	87-91-2	30	330	2,000	mg/m^3
985	Diethyl telluride	627-54-3	0.1	0.1	1.1	mg/m^3
986	Diethyl trichloromethylphosphonate	866-23-9	2.4	26	160	mg/m^3
987	Diethylamine	109-89-7	15	15	2,000	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
988	Diethylaminoacetone	1620-14-0	1.5	10	50	ppm
989	Diethylaminopropylamine	104-78-9	1.7	18	110	mg/m^3
990	Diethylaniline, N,N-	91-66-7	1.3	14	85	mg/m^3
991	Diethylbenzene, m-	141-93-5	31	340	2,000	mg/m^3
992	Diethylbenzene, o-	135-01-3	4.8	53	700	mg/m^3
993	**Diethyldichlorosilane**	**1719-53-5**	**0.9**	**11**	**50**	ppm
994	Diethylene glycol	111-46-6	6.9155	80	250	ppm
995	Diethylene glycol di(3-aminopropyl) ether; (Polyglycol diamine)	4246-51-9	13	140	850	mg/m^3
996	Diethylene glycol diacetate; (2,2'-Oxybisethanol diacetate)	628-68-2	73	810	4,800	mg/m^3
997	Diethylene glycol dimethyl ether; (Bis(2-methoxy ethyl)ether)	111-96-6	15	17	190	ppm
998	Diethylene glycol hexyl ether; (n-Hexyl carbitol)	112-59-4	1.3	15	480	mg/m^3
999	Diethylenetriamine	111-40-0	1	1	1	ppm
1000	Diethylenetriaminepentaacetic acid	67-43-6	3.5	39	230	mg/m^3
1001	Diethylethanolamine, N,N-; (Diethylaminoethanol)	100-37-8	2	2	500	ppm
1002	Diethylphosphatoethyltriethoxy silane	757-44-8	52	570	3,400	mg/m^3
1003	Diethylstilbestrol; ((E)-4,4'-(1,2-Diethyl-1,2-ethenediyl)bisphenol)	56-53-1	0.018	0.2	13	mg/m^3
1004	Diethylthiourea, N,N'-	105-55-5	0.11	1.2	63	mg/m^3
1005	Diethylurea, 1,3-	623-76-7	4.6	50	300	ppm
1006	Diethylzinc	557-20-0	0.067	0.73	4.4	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1007	**Difluoroethane; (1,1-Difluoroethane; HFC 152a)**	**75-37-6**	**10,000**	**15,000**	**25,000**	ppm
1008	Digitoxin	71-63-6	0.016	0.18	0.31	mg/m^3
1009	Diglycidyl ether	2238-07-5	0.77	8.5	25	ppm
1010	Diglycol monoethyl ether acetate; (Carbitol acetate)	112-15-2	1.1	12	2,200	mg/m^3
1011	Digoxin	20830-75-5	0.018	0.2	0.25	mg/m^3
1012	Dihexyl((diethylcarbamoyl)methyl)phosphonate; (Dihexyl-N,N-diethylcarbamoylmethyl phosphonate)	7369-66-6	3	33	200	mg/m^3
1013	Dihydro-2(3H)-furanone; (4-Butanolide)	96-48-0	0.37	4.1	310	mg/m^3
1014	Dihydro-2H-pyran, 3,4-	110-87-2	0.067	0.73	4.4	ppm
1015	Dihydro-3-(nonenyl)-2,5-furandione	28928-97-4	30	330	2,000	mg/m^3
1016	Dihydro-4-methyl furan, 2,3-	34314-83-5	1.1	13	76	mg/m^3
1017	Dihydrogen hexachloroplatinate; (Chloroplatinic acid)	16941-12-1	0.013	3.2	19	mg/m^3
1018	Dihydroxy-1,3-indandione, 2,2-; (Ninhydrin monohydrate)	485-47-2	0.26	2.8	17	mg/m^3
1019	Dihydroxy-2-butene, 1,4-; (2-Butene-1,4-diol)	110-64-5	1	11	69	ppm
1020	Dihydroxyanthraquinone, 1,8-; (Dantron)	117-10-2	6.7	73	440	mg/m^3
1021	Dihydroxybenzoic acid, 2,4-	89-86-1	0.087	0.95	170	mg/m^3
1022	Dihydroxynaphthalene-2,7-disulfonic acid, disodium salt dihydrate, 4,5-	5808-22-0	30	330	2,000	mg/m^3
1023	Diiodomethane; (Methylene iodide)	75-11-6	100	1,100	6,700	mg/m^3
1024	Diisoamylamine	544-00-3	0.036	0.4	2.4	ppm
1025	Diisobutyl ketone	108-83-8	25	25	2,000	ppm

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Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1026	Diisobutylaluminum hydride; (Diisobutylhydroaluminum)	1191-15-7	5.4	49	290	ppm
1027	Diisobutylamine	110-96-3	0.15	1.6	9.7	ppm
1028	Diisooctyl acid phosphate	27215-10-7	6	66	400	mg/m^3
1029	Diisopropyl methylphosphonate	1445-75-6	0.58	6.4	160	mg/m^3
1030	Diisopropyl peroxydicarbonate	105-64-6	6.4	71	420	mg/m^3
1031	Diisopropylamine	108-18-9	5	5	1,000	ppm
1032	Diisopropylamino)ethyl chloride hydrochloride, 2-(-	4261-68-1	0.008	0.088	0.53	mg/m^3
1033	Diisopropylaminoethanol, 2-; (N,N-Diisopropyl ethanolamine)	96-80-0	1.5	17	99	mg/m^3
1034	Diisopropylaniline, 2,6-	24544-04-5	5.9	65	630	mg/m^3
1035	Diisopropylbenzene, 1,3-	99-62-7	2.2	24	160	mg/m^3
1036	Diisopropylethylamine, N,N-	7087-68-5	0.33	3.7	22	ppm
1037	Diisopropylfluorophosphate; (Phosphorofluoridic acid, bis(1-methylethyl) ester)	55-91-4	0.33	3.6	3.6	mg/m^3
1038	Diisopropylnaphthalene; (Bis(isopropyl)naphthalene)	38640-62-9	5.6	61	370	mg/m^3
1039	**Diketene; (Ketene dimer)**	**674-82-8**	**1**	**6**	**18**	ppm
1040	Dilauroyl peroxide	105-74-8	30	330	2,000	mg/m^3
1041	Dimefox; (bis(Dimethylamido)fluorophosphate)	115-26-4	0.091	1	1	mg/m^3
1042	Dimethoate	60-51-5	2.7	30	30	mg/m^3
1043	Dimethoxybenzene, 1,3-	151-10-0	3	32	190	mg/m^3
1044	Dimethoxybenzene, o-	91-16-7	2.7	29	180	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1045	Dimethoxybenzidene 3,3'-; (o-Dianisidine)	119-90-4	7.1	78	380	mg/m^3
1046	Dimethoxybutane, 1,3-	10143-66-5	4.7	52	310	ppm
1047	Dimethoxybutane, 2,2-	3453-99-4	4.4	48	290	ppm
1048	Dimethoxydiphenylsilane	6843-66-9	0.025	0.27	1.6	mg/m^3
1049	Dimethoxyethane, 1,2-	110-71-4	0.54	5.9	76	ppm
1050	Dimethoxypropane, 2,2-	77-76-9	0.067	0.73	4.4	ppm
1051	Dimethyglyoxime; (Diacetyldioxime)	95-45-4	1.5	17	100	mg/m^3
1052	Dimethyl butane, 2,2-	75-83-2	510	510	3,100	ppm
1053	Dimethyl carbamoyl chloride	79-44-7	0.015	0.026	9.1	ppm
1054	Dimethyl carbonate	616-38-6	11	120	700	ppm
1055	Dimethyl cyclopentanol, 1,3-	19550-46-0	30	330	2,000	mg/m^3
1056	**Dimethyl disulfide**	**624-92-0**	**0.01**	**50**	**250**	ppm
1057	Dimethyl mercury	593-74-8	0.034	0.046	11	mg/m^3
1058	Dimethyl methylphosphonate; (DMMP)	756-79-6	17	180	1,600	mg/m^3
1059	**Dimethyl phosphite**	**868-85-9**	8.6	**95**	**150**	mg/m^3
1060	Dimethyl phosphorochloridothioate	2524-03-0	0.29	3.2	15	mg/m^3
1061	Dimethyl siloxane; (Dimethylpolysiloxane; Syltherm XLT; Syltherm 800; Silicone 360)	63148-62-9	1.5	16	990	mg/m^3
1062	**Dimethyl sulfate**	**77-78-1**	**0.024**	**0.12**	**1.6**	ppm
1063	**Dimethyl sulfide; (2-Thiopropane)**	**75-18-3**	**0.5**	**1,000**	**5,000**	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1064	Dimethyl sulfone	67-71-0	15	170	990	mg/m^3
1065	Dimethyl sulfoxide; (DMSO)	67-68-5	250	250	900	ppm
1066	Dimethyl(1-phenylethyl)benzene	40766-31-2	0.74	8.2	410	mg/m^3
1067	Dimethyl(polysiloxane); (Polydimethylsiloxane, silanol terminated; Dimethylsiloxane, poly, hydroxy end-blocked)	70131-67-8	190	2,100	13,000	mg/m^3
1068	Dimethyl-1,3-dioxolane-4-methanol, 2,2-	100-79-8	3.9	43	260	ppm
1069	Dimethyl-1,3-propanediamine, N,N-; (1-Amino-3-dimethylaminopropane)	109-55-7	0.44	4.9	89	ppm
1070	Dimethyl-1-butanamine, N,N-	927-62-8	120	1,300	7,700	mg/m^3
1071	Dimethyl-2-pentene, (E)-3,4-	4914-92-5	0.067	0.73	4.4	ppm
1072	Dimethyl-3-nitrobenzene, 1,2-	83-41-0	30	330	2,000	mg/m^3
1073	Dimethyl-3-pentanone, 2,4-	565-80-0	0.18	2	100	ppm
1074	Dimethyl-5-phenylphenazinium chloride, 3,7-diamino-2,8-; (Safranine; Gossypimine)	477-73-6	0.17	1.9	11	mg/m^3
1075	Dimethylacetamide, N,N-	127-19-5	12	12	400	ppm
1076	Dimethylacrylamide, N,N-	2680-03-7	0.056	0.61	50	mg/m^3
1077	**Dimethylamine**	**124-40-3**	**10**	**66**	**250**	ppm
1078	Dimethylamino)benzaldehyde, p-(	100-10-7	3	33	250	mg/m^3
1079	Dimethylamino)phenyl)azo)benzenesulfonic acid, sodium salt, p-((p-(; (Methyl orange, sodium salt)	547-58-0	0.18	2	12	mg/m^3
1080	Dimethylaminoazobenzene, 4-	60-11-7	0.67	7.4	40	mg/m^3
1081	Dimethylaminocyclohexane, N,N-	98-94-2	1	11	66	mg/m3
1082	Dimethylaminoethanol, 2-	108-01-0	0.67	7.4	72	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1083	Dimethylaminoethyl chloride hydrochloride, 2-	4584-46-7	0.12	1.4	47	mg/m^3
1084	Dimethylammonium N,N-dimethylcarbamate	4137-10-4	1.2	13	79	mg/m^3
1085	Dimethylaniline, N,N-	121-69-7	10	10	2,000	ppm
1086	Dimethylbenzidene 3,3'-; (o-Tolidine)	119-93-7	0.18	2	56	mg/m^3
1087	Dimethylbutyric acid, 2,2-	595-37-9	6	66	400	mg/m^3
1088	**Dimethylchlorosilane; (Chlorodimethylsilane)**	**1066-35-9**	**1.8**	**22**	**100**	ppm
1089	Dimethylcyclohexane, cis-1,4-	624-29-3	0.52	5.8	35	ppm
1090	Dimethyldecane, 2,2-	17302-37-3	50	259	1,600	ppm
1091	**Dimethyldichlorosilane**	**75-78-5**	**0.9**	**11**	**50**	ppm
1092	Dimethyldicyclopentadiene	26472-00-4	2.2	24	140	mg/m^3
1093	Dimethyldimethoxysilane	1112-39-6	13	140	830	mg/m^3
1094	Dimethylethyl hydroperoxide, 1,1-; (tert-Butylhydroperoxide)	75-91-2	0.068	0.74	22	ppm
1095	**Dimethylformamide, N,N-**	**68-12-2**	**2**	**91**	**530**	ppm
1096	Dimethylheptane, 2,2-	1071-26-7	67	340	2,000	ppm
1097	Dimethylhexane, 3,3-	563-16-6	75	390	***2,300***	ppm
1098	**Dimethylhydrazine, 1,1-**	**57-14-7**	0.27	**3**	**11**	ppm
1099	**Dimethylhydrazine, 1,2-**	**540-73-8**	0.27	**3**	**11**	ppm
1100	Dimethylimidizole, 1,2-	1739-84-0	3.4	37	220	mg/m^3
1101	Dimethylisopropylamine, N,N-	996-35-0	10.8	120	710	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1102	Dimethylnonane, 4,5-	17302-23-7	250	625	1,250	ppm
1103	Dimethyloctane, 3,5-	15869-93-9	200	500	***1,000***	ppm
1104	Dimethylphenol, 2,4-; (2,4-Xylenol)	105-67-9	4.5	49	460	mg/m^3
1105	Dimethylphenol, 2,6-; (2,6-Xylenol)	576-26-1	0.045	0.49	59	mg/m^3
1106	Dimethylphthalate	131-11-3	15	1,600	9,300	mg/m^3
1107	Dimethylpolysilane; (Poly(dimethylsilane))	28883-63-8	2.5	10	25	ppm
1108	Dimethyl-p-phenylenediamine, N,N-	99-98-9	0.012	0.13	0.13	mg/m^3
1109	Dimethylpropane, 2,2-; (Neopentane)	463-82-1	600	610	15,000	ppm
1110	Dimethylpyridine, 2,4-; (2,4-Lutidine)	108-47-4	0.14	1.5	9	ppm
1111	Dimethyltetramethoxydisiloxane, 1,3-	18186-97-5	30	330	2,000	mg/m^3
1112	Dimetilan	644-64-4	2.3	25	25	mg/m^3
1113	Di-n-amylamine	2050-92-2	0.037	0.41	2.4	ppm
1114	Di-n-butylamine	111-92-2	0.45	5	19	ppm
1115	Dinitraniline orange; (Hansa orange RN)	3468-63-1	30	330	2,000	mg/m^3
1116	Dinitroaniline, 2,4-	97-02-9	0.035	0.38	5.6	mg/m^3
1117	Dinitrobenzene, m-	99-65-0	1	1	200	mg/m^3
1118	Dinitrobenzene, o-	528-29-0	3	33	200	mg/m^3
1119	Dinitrobenzene, p-	100-25-4	1	1	200	mg/m^3
1120	Dinitro-o-cresol, 4,6-	534-52-1	0.2	0.5	5	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1121	Dinitrophenol	25550-58-7	0.0072	0.08	0.48	mg/m^3
1122	Dinitrophenol, 2,3-	66-56-8	1.1	13	75	mg/m^3
1123	Dinitrophenol, 2,4-	51-28-5	0.22	2.5	39	mg/m^3
1124	Dinitrophenol, 2,6-	573-56-8	0.23	2.5	15	mg/m^3
1125	Dinitro-p-toluidine, 2,6-; (4-Amino-3,5-dinitrotoluene)	6393-42-6	1	12	69	mg/m^3
1126	Dinitrosopiperazine; (Piperazine, 1,4-dinitroso-)	140-79-4	0.081	0.89	32	mg/m^3
1127	Dinitrotoluene	25321-14-6	0.6	1.1	200	mg/m^3
1128	Dinitrotoluene, 2,4-	121-14-2	0.6	4.9	200	mg/m^3
1129	Dinitrotoluene, 2,6-	606-20-2	0.6	12	200	mg/m^3
1130	Dinitrotoluene, 3,4-	610-39-9	0.6	33	200	mg/m^3
1131	Dinoseb; (2-sec-Butyl-4,6-dinitrophenol)	88-85-7	0.41	4.5	4.5	mg/m^3
1132	Dinoterb; (2-(1,1-Dimethylethyl)-4,6-dinitrophenol)	1420-07-1	2.3	25	25	mg/m^3
1133	Dioctyl phthalate, n-	117-84-0	6.8	74	9,300	mg/m^3
1134	Dioctyl sebacate; (Bis(2-ethylhexyl) sebacate)	122-62-3	5.4	59	360	mg/m^3
1135	Dioctyl sodium sulfosuccinate; (Di-(2-ethylhexyl) sodium sulfosuccinate)	577-11-7	5.7	63	380	mg/m^3
1136	**Dioxane, 1,4-; (1,4-Diethyleneoxide)**	**123-91-1**	**17**	**320**	**760**	ppm
1137	Dioxathion	78-34-2	0.31	3.4	39	mg/m^3
1138	Dioxin; (TCDD; 2,3,7,8-Tetrachlorodibenzo-p-dioxin)	1746-01-6	3.00E-08	0.0023	0.004	mg/m^3
1139	Dioxolane, 1,3-	646-06-0	20	69	300	ppm

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Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1140	Dipentaerythritol; (Dipentek)	126-58-9	30	330	2,000	mg/m^3
1141	Dipentyl pentylphosphonate	6418-56-0	20	220	1,300	mg/m^3
1142	Diphacinone; (Diphenadione)	82-66-6	0.082	0.9	88	mg/m^3
1143	Diphenyl chlorophosphate; (Diphenylphosphoryl chloride)	2524-64-3	0.67	7.3	44	mg/m3
1144	Diphenyl cresol phosphate	26444-49-5	0.48	5.3	280	mg/m^3
1145	Diphenyl mercury	587-85-9	0.18	0.18	50	mg/m^3
1146	**Diphenyl; (Biphenyl)**	**92-52-4**	0.87	**9.6**	300	ppm
1147	Diphenylamine	122-39-4	30	65	220	mg/m^3
1148	**Diphenylchloroarsine; (Chlorodiphenylarsine)**	**712-48-1**	0.39	**0.39**	**1.2**	mg/m^3
1149	**Diphenyldichlorosilane**	**80-10-4**	**0.9**	**11**	**50**	ppm
1150	Diphenylguanidine, 1,3-	102-06-7	0.032	0.36	64	mg/m^3
1151	Diphenylhydrazine, 1,2-	122-66-7	0.72	7.9	48	mg/m^3
1152	Diphenylmethane	101-81-5	6.8	74	450	mg/m^3
1153	Diphenylnitrosamine	86-30-6	1.4	16	360	mg/m^3
1154	Diphenyloxazole, 2,5-	92-71-7	2.5	27	160	mg/m^3
1155	Dipicolinic acid; (2,6-Pyridinedicarboxylic acid)	499-83-2	30	330	2,000	mg/m^3
1156	Dipotassium cadmium oxide	z-0013	0.059	17	99	mg/m^3
1157	Dipotassium dihydrogen silicate	z-0014	30	330	2,000	mg/m^3
1158	Dipotassium metasilicate	10006-28-7	15	125	500	mg/m^3

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No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1159	Dipropyl ketone; (4-Heptanone)	123-19-3	140	140	140	ppm
1160	Dipropylamine	142-84-7	2.9	32	190	mg/m^3
1161	Dipropylene glycol methyl ether	34590-94-8	150	150	510	ppm
1162	Direct Black 38; (Apomine black GX)	1937-37-7	4.1	45	4,400	mg/m^3
1163	Di-sec-octylphthalate	117-81-7	10	31	5,900	mg/m^3
1164	Disodium (2-ethylhexyl)phosphate	15505-13-2	0.06	0.4	2	mg/m^3
1165	Disodium 3,6-endoxohexahydrophthalate	129-67-9	0.19	2	10	mg/m^3
1166	Disodium butylphosphate	64114-42-7	0.06	0.4	2	mg/m^3
1167	Disodium cadmium oxide	z-0016	0.051	14	85	mg/m^3
1168	Disodium dihydrogen silicate	z-0017	30	330	2,000	mg/m^3
1169	Disodium ethylenediaminediacetate (S and U isomers)	38011-25-5	12.5	75	400	mg/m^3
1170	Disodium hexafluorosilicate (2-)	16893-85-9	4.1	4.1	820	mg/m^3
1171	Disodium iminodiacetate	928-72-3	3.3	37	220	ppm
1172	Disodium monoxide; (Disodium oxide; Sodium oxide)	1313-59-3	0.5	5	50	mg/m^3
1173	Disulfiram	97-77-8	2	2	180	mg/m^3
1174	Disulfoton	298-04-4	0.18	2	8.8	mg/m^3
1175	Di-tert-butyl dicarbonate	24424-99-5	0.067	0.73	4.4	mg/m^3
1176	Di-tert-butylhydroquinone, 2,5-	88-58-4	2.3	25	110	mg/m^3
1177	Dithiazanine iodide; (3,3'-Diethylpentamethinethiacyanine iodide)	514-73-8	1.8	20	20	mg/m^3

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No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1178	Dithiobiuret	541-53-7	0.45	5	5	mg/m^3
1179	Dithiodiethanol, 2,2-; (Dithiodiglycol)	1892-29-1	0.52	5.7	34	mg/m^3
1180	Dithioerythritol, 1,4-	6892-68-8	0.25	2.8	17	mg/m^3
1181	Diurethane dimethacrylate	72869-86-4	60	660	4,000	mg/m^3
1182	Divinylbenzene, m-; (m-Vinylstyrene)	108-57-6	28	28	170	ppm
1183	Divinylbenzene, mixed isomers; (Vinylstyrene)	1321-74-0	28	28	170	ppm
1184	Dodecamethylcyclohexasiloxane	540-97-6	30	50	500	mg/m^3
1185	Dodecane	112-40-3	0.0028	0.031	7.9	ppm
1186	Dodecanethiol, 1-; (Dodecyl mercaptan; Lauryl mercaptan)	112-55-0	0.1	0.5	3	ppm
1187	Dodecen-1-yl)succinic anhydride, (2-; (DDSA)	19780-11-1	30	330	2,000	mg/m^3
1188	Dodecenyl succine anhydride; (Tetrapropenylsuccinic anhydride)	26544-38-7	7.7	84	510	mg/m^3
1189	Dodecenylsuccinic anhydride	25377-73-5	0.72	7.9	47	mg/m^3
1190	Dodecyl alcohol	112-53-8	12	140	820	mg/m^3
1191	Dodecyl methacrylate	142-90-5	6.9	76	460	ppm
1192	Dodecylbenzene sulfonic acid; (Laurylbenzenesulfonic acid)	27176-87-0	2	21	130	mg/m^3
1193	Dodecylphenol, 4- (mixture of isomers)	27193-86-8	1.5	16	420	mg/m^3
1194	Dodecylsarcosine sodium salt, N-; (N-Lauryl sarcosine sodium salt)	7631-98-3	0.59	6.5	39	mg/m^3
1195	**Dodecyltrichlorosilane**	**4484-72-4**	**0.6**	**7.3**	**33**	ppm
1196	Dowex 50WX4 (50-400 ion exchange resin)	11113-61-4	30	330	2,000	mg/m^3

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No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1197	Dv methyl ester; (Methyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate)	61898-95-1	30	330	2,000	mg/m^3
1198	Dysprosium	7429-91-6	30	330	2,000	mg/m^3
1199	Dysprosium nickelide	12175-27-8	30	330	2,000	mg/m^3
1200	Dysprosium nitrate	10143-38-1	7.2	79	470	mg/m^3
1201	Dysprosium oxide; (Dysprosium(III) oxide)	1308-87-8	15	170	990	mg/m^3
1202	Ecolite	z-0018	16	170	1,000	mg/m^3
1203	Emetine dihydrochloride, l-	316-42-7	9.10E-04	0.01	0.27	mg/m^3
1204	Endosulfan	115-29-7	0.1	0.8	280	mg/m^3
1205	Endothion	2778-04-3	1.5	17	17	mg/m^3
1206	Endrin	72-20-8	1.8	20	2,000	mg/m^3
1207	Epibatidine	140111-52-0	5.30E-04	0.0059	0.022	mg/m^3
1208	Epibromohydrin	3132-64-7	0.98	11	65	mg/m^3
1209	**Epichlorohydrin**	**106-89-8**	**5.7**	**24**	**72**	ppm
1210	Epinephrine; (Vasotonin; (R)-4-(1-Hydroxy-2-(methylamino)ethyl)-1,2-benzenediol)	51-43-4	0.0015	0.0015	0.0015	mg/m^3
1211	EPN; (O-Ethyl-O-(4-nitrophenyl) phenylthiophosphonate)	2104-64-5	0.45	5	50	mg/m^3
1212	Epoxy resin (EPON 1001)	25068-38-6a	90	990	5,900	mg/m^3
1213	Epoxy resin (EPON 1007)	25068-38-6b	90	990	5,900	mg/m^3
1214	Epoxy resin (EPON 820)	25068-38-6c	41	450	2,700	mg/m^3
1215	Epoxy resin ERL-2795	25068-38-6d	32	350	2,100	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1216	Epoxy resin, cured; (4,4'-(1-Methylethylidene)biscyclohexanol, polymer with (chloromethyl)oxirane)	30583-72-3	30	330	2,000	mg/m^3
1217	Epoxy resin; (Bisphenol A-Bisphenol A diglycidyl ether polymer)	25036-25-3	6	66	400	mg/m^3
1218	Epoxy resin; (Epichlorhydrin, polymer with diethylene glycol)	25928-94-3	3.6	40	240	mg/m^3
1219	**Epoxybutane, 1,2-; (1,2-Butylene oxide)**	**106-88-7**	**72**	**140**	**330**	ppm
1220	Epoxyethyl)-7-oxabicyclo(4.1.0)heptane, 3-(; (Vinyl cyclohexene dioxide)	106-87-6	0.11	0.11	35	ppm
1221	Erbium nitrate pentahydrate	10031-51-3	30	330	2,000	mg/m^3
1222	Erbium(III) nitrate	10168-80-6	1.1	12	70	mg/m^3
1223	Erbium(III) nitrate hexahydrate	13476-05-6	1.4	15	91	mg/m^3
1224	Erbium(III) oxide	12061-16-4	15	170	990	mg/m^3
1225	Ergocalciferol; (Vitamin D2)	50-14-6	3.6	40	40	mg/m^3
1226	Ergotamine tartrate	379-79-3	0.91	10	32	mg/m^3
1227	Estane; (Polyurethane resin; Urethane rubber)	61789-63-7	30	330	2,000	mg/m^3
1228	Ethanaminium, N,N,N-triethyl-, iodide (1:1); (Tetraethylammoniumiodide; Ammonium, tetraethyl-, iodide)	68-05-3	0.315	1.3	7.6	mg/m^3
1229	Ethane	74-84-0	3,000	33,000	2.00E+05	ppm
1230	Ethanedioic acid, dimethyl ester	553-90-2	3.1	34	200	mg/m^3
1231	Ethanedithiol, 1,2-	540-63-6	0.15	1.6	9.6	ppm
1232	Ethanediyl)bisbenzene, 1,1'-(1,2-; (Bibenzyl)	103-29-7	14	150	890	mg/m^3
1233	Ethanediylbis(N-(carboxymethyl)glycine), N,N'-1,2-, dipotassium salt	2001-94-7	1.5	16	97	mg/m^3
1234	Ethanediylbis(oxy))bisbenzene, 1,1'-(1,2-	104-66-5	30	330	2,000	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1235	**Ethanethiol; (Ethyl mercaptan)**	**75-08-1**	**1**	**120**	**360**	ppm
1236	Ethanol, titanium(4+) salt	3087-36-3	30	330	2,000	mg/m^3
1237	Ethanolamine	141-43-5	6	6	1,000	ppm
1238	Ethenylsilanetriol triacetate	4130-08-9	30	330	2,000	mg/m^3
1239	Ethidium bromide; (2,7-Diamino-10-ethyl-9-phenylphenanthridinium bromide)	1239-45-8	0.036	0.4	2.4	mg/m^3
1240	Ethion	563-12-2	1.2	13	38	mg/m^3
1241	Ethoxyethanol, 2-	110-80-5	15	23	6,000	ppm
1242	Ethoxyethoxy)ethanol, 2-(2-; (Carbitol cellosolve; Diethylene glycol monoethyl ether)	111-90-0	75	79	200	ppm
1243	Ethoxyethyl methacrylate, 2-	2370-63-0	3	33	200	mg/m^3
1244	Ethoxyethylacetate, 2-	111-15-9	15	420	2,500	ppm
1245	Ethoxyimino)butyl)-5-(2-ethylthiopropyl)-3-hydroxycyclohex-2-en-1-one, 2-(1-(; (Checkmate)	74051-80-2	9.6	110	630	mg/m^3
1246	Ethoxylated alcohols, C16-18; (Nonionic surfactant)	68439-49-6	3.8	42	250	mg/m^3
1247	Ethoxylated alcohols, C7-C21	68991-48-0	30	330	2,000	mg/m^3
1248	Ethoxylated nonylphenol; (Nonyl phenyl polyethylene glycol ether)	9016-45-9	0.37	4.1	260	mg/m^3
1249	Ethyl (or dimethyl) pyrrolidine	z-0020	15	100	500	mg/m^3
1250	Ethyl acetate	141-78-6	400	400	10,000	ppm
1251	Ethyl acetoacetate	141-97-9	12	130	790	mg/m^3
1252	**Ethyl acrylate**	**140-88-5**	**8.3**	**36**	**240**	ppm
1253	**Ethyl alcohol; (Ethanol)**	**64-17-5**	***1,800***	***3,300***	***15,000***	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1254	Ethyl alcohol-d; (Ethanol-d)	925-93-9	1,800	***3,300***	***15,000***	ppm
1255	**Ethyl benzene**	**100-41-4**	**33**	**1,100**	**1,800**	ppm
1256	Ethyl benzoate	93-89-0	6.3	69	420	mg/m^3
1257	Ethyl bromoacetate	105-36-2	6.80E-05	7.50E-04	0.0045	ppm
1258	Ethyl butyl ketone; (3-Heptanone)	106-35-4	75	500	3,000	ppm
1259	Ethyl cellulose	9004-57-3	15	170	990	mg/m^3
1260	Ethyl chloride; (Chloroethane)	75-00-3	100	100	20,000	ppm
1261	Ethyl chloroacetate	105-39-5	0.11	1.2	7.1	ppm
1262	**Ethyl chloroformate**	**541-41-3**	1	**1.6**	**4.8**	ppm
1263	**Ethyl dimethylamido-cyanophosphate; (Tabun; GA)**	**77-81-6**	**4.20E-04**	**0.0053**	**0.039**	ppm
1264	Ethyl ether	60-29-7	500	500	19,000	ppm
1265	Ethyl formate	109-94-4	100	100	***8,000***	ppm
1266	Ethyl hexanoic acid, 2-; (Butyl ethyl acetic acid)	149-57-5	15	51	590	mg/m^3
1267	**Ethyl isocyanate**	**109-90-0**	0.0048	**0.053**	**0.16**	ppm
1268	Ethyl lactate; (Ethyl (S)-(-)-lactate)	687-47-8	5.7	63	380	mg/m^3
1269	Ethyl mercury chloride; (Chloroethyl mercury)	107-27-7	0.04	0.53	13	mg/m^3
1270	Ethyl methacrylate; (2-Methyl-2-propenoic acid, ethyl ester)	97-63-2	2.8	31	370	ppm
1271	Ethyl nitrite	109-95-5	0.11	1.2	7.1	ppm
1272	Ethyl O-2-diisopropylaminoethylmethylphosphonite, O-; (QL)	57856-11-8	30	330	2,000	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1273	Ethyl propionate	105-37-3	6.3	69	410	ppm
1274	Ethyl S,S-dipropylphosphorodithioate, O-; (Mocap PC-84; Ethoprophos)	13194-48-4	2.4	26	26	mg/m^3
1275	Ethyl sec-amyl ketone; (5-Methyl-3-heptanone)	541-85-5	30	500	3,000	ppm
1276	Ethyl silicate polymer; (Silicic acid, ethyl ester)	11099-06-2	30	330	2,000	mg/m^3
1277	Ethyl-1,3-hexanediol, 2-; (Ethyl hexylene glycol)	94-96-2	2.5	27	230	ppm
1278	**Ethyl-1-hexanol, 2-**	**104-76-7**	**0.1**	**100**	**200**	ppm
1279	Ethyl-2-methylheptane, 3-	14676-29-0	200	500	***1,000***	ppm
1280	Ethyl-2-methyloctane, 6-	62016-19-7	200	500	***1,000***	ppm
1281	Ethyl-2-oxazoline, 2-	10431-98-8	0.067	0.73	4.4	ppm
1282	Ethyl-4-hydroxybenzoate; (p-Hydroxybenzoic acid ethyl ester)	120-47-8	45	320	320	mg/m^3
1283	Ethyl-5-methylheptane, 3-	52896-90-9	200	500	1,000	ppm
1284	Ethyl-6-methyl-4-phenyl-3-cyclohexene-1-carboxylic acid sodium salt, 5-; (Mebane sodium salt)	16550-39-3	1.90E-04	0.002	0.012	mg/m^3
1285	**Ethylamine; (Monoethylamine; Ethylamine anhydrous)**	**75-04-7**	**7.5**	**49**	**270**	ppm
1286	Ethylbenzaldehyde, 2-	22927-13-5	6.7	73	440	ppm
1287	**Ethylbis(2-chloroethyl)amine; (Bis(2-chloroethyl)ethylamine; Nitrogen mustard-1)**	**538-07-8**	0.002	**0.022**	**0.37**	mg/m^3
1288	**Ethylchlorothioformate**	**2941-64-2**	0.024	**0.26**	**0.79**	ppm
1289	**Ethyldichloroarsine; (Dichloroethylarsine)**	**598-14-1**	0.029	**0.029**	**0.086**	mg/m^3
1290	Ethylene	74-85-1	600	6,600	40,000	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1291	**Ethylene chlorohydrin; (2-Chloroethanol)**	**107-07-3**	1	**4**	**12**	ppm
1292	**Ethylene dibromide; (Dibromoethane)**	**106-93-4**	**17**	**24**	**46**	ppm
1293	**Ethylene dichloride; (1,2-Dichloroethane)**	**107-06-2**	**50**	**200**	**300**	ppm
1294	Ethylene fluorohydrin; (2-Fluoroethanol)	371-62-0	0.0024	0.027	0.35	ppm
1295	Ethylene glycol	107-21-1	10	40	60	ppm
1296	Ethylene glycol diacetate	111-55-7	0.41	4.5	1,400	mg/m^3
1297	Ethylene glycol dimethacrylate	97-90-5	9.9	110	650	mg/m^3
1298	Ethylene glycol monomethyl ether acetate; (EGMEA; 2-Methoxyethyl acetate)	110-49-6	0.3	670	4,000	ppm
1299	Ethylene glycol monomethyl ether; (2-Methoxyethanol; EGME; Methyl Cellosolve(R))	109-86-4	0.3	330	***2,000***	ppm
1300	Ethylene glycol monopropyl ether; (Propyl cellosolve; Ektasolve EP)	2807-30-9	20	20	400	ppm
1301	Ethylene glycol mono-sec-butyl ether	7795-91-7	2.4	26	160	mg/m^3
1302	**Ethylene oxide; (Oxirane)**	**75-21-8**	5	**45**	**200**	ppm
1303	Ethylene/vinyl acetate copolmer	24937-78-8	30	330	2,000	mg/m^3
1304	Ethylenediamine dihydrochloride	333-18-6	0.018	0.2	15	mg/m^3
1305	**Ethylenediamine, 1,2-**	**107-15-3**	9.7	**9.7**	**20**	ppm
1306	Ethylenediaminetetraacetic acid, disodium salt	139-33-3	11	120	400	mg/m^3
1307	Ethylenediaminetetraacetic acid, disodium salt, dihydrate	6381-92-6	30	330	2,000	mg/m^3
1308	Ethylenediaminetetraacetic acid, ferric ammonium salt	21265-50-9	2	22	130	mg/m^3
1309	Ethylenediaminetetraacetic acid, tetrasodium salt, dihydrate	10378-23-1	6	66	400	mg/m^3

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Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1310	Ethylenediaminetetraacetic acid, tetrasodiumn salt; (Tetrasodium EDTA)	64-02-8	30	330	2,000	mg/m^3
1311	Ethylenediaminetetraacetic acid; (EDTA)	60-00-4	7.1	78	160	mg/m^3
1312	Ethylenedinitrilo)tetra-2-propanol, 1,1',1'',1'''-(	102-60-3	34	370	2,200	mg/m^3
1313	**Ethyleneimine**	**151-56-4**	0.1	**4.6**	**9.9**	ppm
1314	Ethylenethiourea; (2-Imidazolidinethione)	96-45-7	0.031	0.34	110	mg/m^3
1315	Ethylheptane, 4-	2216-32-2	2.3	25	150	ppm
1316	Ethylhexyl acrylate, 2-; (Acrylic acid, 2-ethylhexyl ester)	103-11-7	15	21	150	ppm
1317	Ethylhexyl bromide, 2-	18908-66-2	30	330	2,000	mg/m^3
1318	**Ethylhexylchloroformate, 2-**	**24468-13-1**	0.088	**0.97**	**2.9**	ppm
1319	Ethylhexyloxy)ethanol, 2-(2-	1559-35-9	21	230	610	mg/m^3
1320	Ethylidene chloride, 1,1-; (1,1-Dichloroethane)	75-34-3	160	160	4,000	ppm
1321	**Ethylidene norbornene**	**16219-75-3**	**0.2**	**100**	**500**	ppm
1322	Ethylmagnesium chloride; (Chloroethyl magnesium)	2386-64-3	30	330	2,000	mg/m^3
1323	**Ethylphosphorodichloridate**	**1498-51-7**	0.055	**0.6**	**6**	ppm
1324	**Ethyl-S-dimethylaminoethyl methylphosphonothiolate; (VX nerve agent)**	**50782-69-9**	**1.60E-05**	**2.70E-04**	**9.10E-04**	ppm
1325	Ethylthiocyanate	542-90-5	9.1	100	100	mg/m^3
1326	Ethyltoluene, o-	611-14-3	12	130	2,400	mg/m^3
1327	Ethyltoluene, p-	622-96-8	12	130	2,400	mg/m^3

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No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1328	Europium	7440-53-1	30	330	2,000	mg/m^3
1329	Europium nitrate; (Europium trinitrate)	10138-01-9	11	130	760	mg/m^3
1330	Europium oxide	1308-96-9	15	170	990	mg/m^3
1331	Europium(II) iodide	22015-35-6	30	330	2,000	mg/m^3
1332	Farnesol	4602-84-0	18	200	1,200	mg/m^3
1333	Fatty acids, tall-oil, polymers with glycerol, pentaerythritol and phthalic anhydride	66070-62-0	30	330	2,000	mg/m^3
1334	Fenamiphos	22224-92-6	0.082	0.9	4	mg/m^3
1335	Fensulfothion	115-90-2	0.18	2	3.1	mg/m^3
1336	Fenthion	55-38-9	0.15	27	27	mg/m^3
1337	Ferric ammonium citrate	1185-57-5	5.4	98	400	mg/m^3
1338	Ferric ammonium sulfate dodecahydrate	7783-83-7	26	280	1,700	mg/m^3
1339	Ferric ammonium sulfate; (Sulfuric acid, ammonium iron(3e+) salt (2:1:1))	10138-04-2	14	160	950	mg/m^3
1340	Ferric chloride	7705-08-0	8.7	10	63	mg/m^3
1341	Ferric chloride hexahydrate	10025-77-1	15	51	56	mg/m^3
1342	Ferric fluoride	7783-50-8	15	170	990	mg/m^3
1343	Ferric hydroxide; (Iron(III) hydroxide)	1309-33-7	3.1	35	210	mg/m^3
1344	Ferric nitrate	10421-48-4	13	110	640	mg/m^3
1345	Ferric nitrate nonahydrate; (Iron(III) nitrate nonahydrate (1:3:9))	7782-61-8	22	110	640	mg/m^3
1346	Ferric phosphate	10045-86-0	8.1	89	530	mg/m^3

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No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1347	Ferric sulfate; (Iron(III) sulfate)	10028-22-5	6.1	6.1	36	mg/m^3
1348	Ferrous ammonium sulfate	10045-89-3	15	170	1,000	mg/m^3
1349	Ferrous carbonate	563-71-3	6.2	69	410	mg/m^3
1350	Ferrous chloride	7758-94-3	2.3	2.3	89	mg/m^3
1351	Ferrous disulfide; (Iron disulfide)	12068-85-8	6.4	69	420	mg/m^3
1352	Ferrous hydroxide; (Iron(II) hydroxide)	18624-44-7	6.5	71	430	mg/m^3
1353	Ferrous Oxalate; (Iron(II) oxalate)	516-03-0	7.7	86	510	mg/m3
1354	Ferrous sulfamate	14017-39-1	8.4	92	550	mg/m^3
1355	Ferrous sulfate	7720-78-7	2.7	2.7	59	mg/m^3
1356	Ferrous sulfate heptahydrate	7782-63-0	15	27	160	mg/m^3
1357	Fibrous glass; (Fiber glass; Glass frit; Synthetic vitreous fibers)	65997-17-3	15	170	990	mg/m^3
1358	Fluenetil	4301-50-2	0.55	6	6	mg/m^3
1359	Fluoboric acid; (Tetrafluoroboric acid)	16872-11-0	8.7	97	580	mg/m^3
1360	Fluoranthene	206-44-0	1.5	16	400	mg/m^3
1361	Fluorene, 9H-	86-73-7	6.6	72	430	mg/m^3
1362	Fluorides (as F)	16984-48-8	2.5	2.5	500	mg/m^3
1363	**Fluorine**	**7782-41-4**	**1.7**	**5**	**13**	ppm
1364	Fluoro-2-nitrobenzene, 1-; (o-Fluoronitrobenzene)	1493-27-2	6	66	400	mg/m^3
1365	Fluoro-4-nitrophenol, 2-	403-19-0	2.5	15	75	mg/m^3

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No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1366	Fluoro-6-nitrophenol, 2-	1526-17-6	2.5	15	75	mg/m^3
1367	Fluoroacetamide	640-19-7	0.53	5.8	5.8	mg/m^3
1368	Fluoroacetic acid, sodium salt; (Sodium fluoroacetate)	62-74-8	0.15	0.5	5	mg/m^3
1369	Fluoroacetic acid; (Fluoroethanoic acid)	144-49-0	0.043	0.47	0.93	mg/m^3
1370	Fluoroacetyl chloride	359-06-8	0.91	10	10	mg/m^3
1371	Fluoroaniline, p-	371-40-4	1.3	14	83	mg/m^3
1372	Fluorobenzene	462-06-6	5.5	61	1,200	mg/m^3
1373	**Fluorosulfonic acid; (Fluorosulfuric acid)**	**7789-21-1**	**2**	**10**	**30**	mg/m^3
1374	Fluorotrimethylsilane	420-56-4	1.7	18	110	ppm
1375	Fluorouracil	51-21-8	1.7	19	46	mg/m^3
1376	Fonofos	944-22-9	0.12	1.3	53	mg/m^3
1377	Food Red 15; (FD&C Red No. 19)	81-88-9	0.12	1.3	44	mg/m^3
1378	Forane	26675-46-7	24	270	610	ppm
1379	**Formaldehyde**	**50-00-0**	**0.9**	**14**	**56**	ppm
1380	Formaldehyde cyanohydrin; (Hydroxyacetonitrile; Glycolonitrile)	107-16-4	0.24	2.6	2.6	ppm
1381	Formamide	75-12-7	13	13	600	ppm
1382	Formetanate hydrochloride	23422-53-9	1.6	18	18	mg/m^3
1383	**Formic acid**	**64-18-6**	**3**	**25**	**250**	ppm
1384	Formic acid, 2-propenyl ester; (Allyl formate)	1838-59-1	0.65	7.2	43	mg/m^3

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No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1385	Formic acid, butyl ester; (n-Butyl formate)	592-84-7	3.3	37	300	ppm
1386	Formothion	2540-82-1	0.025	0.27	140	mg/m^3
1387	Formparanate	17702-57-7	0.65	7.2	7.2	mg/m^3
1388	Formylpiperidine, 1-	2591-86-8	0.71	7.8	38	ppm
1389	Fosthietan	21548-32-3	0.43	4.7	4.7	mg/m^3
1390	Fuberidazole	3878-19-1	0.3	3.3	15	mg/m^3
1391	Fuel oil, residual	68476-33-5	0.85	9.3	56	mg/m^3
1392	Fulminic acid; (Carbyloxime)	506-85-4	0.27	2.9	18	ppm
1393	Fumaric acid	110-17-8	28	310	1,800	mg/m^3
1394	**Furan**	**110-00-9**	0.62	**6.8**	**19**	ppm
1395	**Furancarboxaldehyde, 2-; (Furfural)**	**98-01-1**	**2**	**10**	**100**	ppm
1396	Furancarboxylic acid, ethyl ester, 2-; (Ethyl furoate)	614-99-3	0.1	1.1	6.8	ppm
1397	Furfuryl alcohol	98-00-0	15	15	250	ppm
1398	Fusariotoxin T2; (T2-Trichothecene)	21259-20-1	2.30E-04	0.0025	0.093	mg/m^3
1399	Gadolinium	7440-54-2	51	560	3,300	mg/m^3
1400	Gadolinium chloride hexahydrate	13450-84-5	7.4	22	22	mg/m^3
1401	Gadolinium hydroxide	16469-18-4	0.75	2.5	75	mg/m^3
1402	Gadolinium nitrate, solid	10168-81-7	11	130	750	mg/m^3
1403	Gadolinium nitrite	z-0022	0.125	0.75	75	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1404	Gadolinium(III) oxide	12064-62-9	15	170	990	mg/m^3
1405	Gallic acid monohydrate	5995-86-8	12	130	790	mg/m^3
1406	Gallium	7440-55-3	30	330	2,000	mg/m^3
1407	Gallium oxide	12024-21-4	16	180	1,100	mg/m^3
1408	Gallium trichloride	13450-90-3	2.9	32	32	mg/m^3
1409	Gallium trifluoride	7783-51-9	17	180	1,100	mg/m^3
1410	**Gasoline**	**86290-81-5**	**200**	**1,000**	**4,000**	ppm
1411	Gelatin; (Pharmagel A)	9000-70-8	0.81	8.9	54	mg/m^3
1412	**Germane; (Germanium tetrahydride)**	**7782-65-2**	0.17	**0.17**	**0.5**	ppm
1413	Germanium	7440-56-4	0.58	6.4	150	mg/m^3
1414	Germanium oxide	1310-53-8	3.8	41	250	mg/m^3
1415	Germanium tetrafluoride	7783-58-6	15	160	980	mg/m^3
1416	Germanous acid	z-0023	1.5	17	99	mg/m^3
1417	Giemsa's stain; (Blood stain)	51811-82-6	30	330	2,000	mg/m^3
1418	Gluconic acid, D-	526-95-4	30	330	2,000	mg/m^3
1419	Glucose monohydrate, D(+)-; (Dextrose)	14431-43-7	77	850	5,100	mg/m^3
1420	Glucose, alpha-D-; (alpha-Dextrose)	492-62-6	77	850	5,100	mg/m^3
1421	Glucose, D-; (Dextrose, anhydrous)	50-99-7	77	850	5,100	mg/m^3
1422	Glutamic acid, L-; ((S)-(+)-Glutamic acid)	56-86-0	1.4	16	93	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1423	**Gluteraldehyde**	**111-30-8**	**0.2**	**1**	**5**	ppm
1424	Glycerine (mist); (Glycerol; Glycerin)	56-81-5	30	310	2,500	mg/m^3
1425	Glycerine carbonate; (4-Hydroxymethyl-1,3-dioxolan-2-one)	931-40-8	30	330	2,000	mg/m^3
1426	Glyceryl monostearate; (Octadecanoic acid, monoester with 1,2,3-propanetriol)	31566-31-1	0.66	7.2	43	mg/m^3
1427	Glycidaldehyde	765-34-4	0.081	0.89	11	ppm
1428	Glycidol; (Oxiranemethanol)	556-52-5	2	2	500	ppm
1429	Glycidoxypropyltrimethoxysilane; (3-(2,3-Epoxypropoxy) propyltrimethoxysilane)	2530-83-8	1.7	19	210	mg/m^3
1430	Glycidyl acrylate; (2,3-Epoxypropyl acrylate)	106-90-1	0.073	0.81	4.8	ppm
1431	Glycine; (Aminoacetic acid)	56-40-6	2.2	25	1,600	mg/m^3
1432	Glycol carbonate; (Ethylene carbonate)	96-49-1	30	330	2,000	mg/m^3
1433	Glycolic acid; (Hydroxyacetic acid)	79-14-1	4.7	51	390	mg/m^3
1434	Glycols, polyethylene, dimethyl ether	24991-55-7	13	150	3,100	mg/m^3
1435	Glycols, polyethylene, mono(p-nonylphenyl) ether; (Nonoxynol-9)	26027-38-3	9.9	110	300	mg/m^3
1436	Glycoluril; (Acetyleneurea)	496-46-8	30	330	2,000	mg/m^3
1437	Glyoxal	107-22-2	0.3	24	40	mg/m^3
1438	Goethite; (Iron hydroxide oxide)	1310-14-1	7.5	12.5	250	mg/m^3
1439	Gold	7440-57-5	0.74	8.2	47	mg/m^3
1440	Graphite; (Mineral carbon)	7782-42-5	2	2	95	mg/m^3
1441	Grease; (Animal grease, inedible)	68153-81-1	30	330	2,000	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1442	Guanidine, N-methyl-N'-nitro-N-nitroso-	70-25-7	0.037	0.41	18	mg/m^3
1443	Guanidinehydrochloride	50-01-1	1.4	16	94	mg/m^3
1444	Hafnium	7440-58-6	1.5	17	99	mg/m^3
1445	Hafnium oxide	12055-23-1	1.8	19	120	mg/m^3
1446	Halon 1211; (Bromochlorodifluoromethane)	353-59-3	0.85	9.4	1,400	ppm
1447	Hansa yellow	13515-40-7	30	330	2,000	mg/m^3
1448	Helium	7440-59-7	65,000	2.30E+05	4.00E+05	ppm
1449	Hematoxylin	517-28-2	0.016	0.18	1.1	mg/m^3
1450	Heptachlor	76-44-8	0.15	4.9	700	mg/m^3
1451	Heptachlor epoxide; (Epoxyheptachlor)	1024-57-3	0.15	3	3	mg/m^3
1452	Heptachlorodibenzofuran, 1,2,3,4,6,7,8-; (HeptaCDF, 1,2,3,4,6,7,8-)	67562-39-4	0.045	0.5	3	mg/m^3
1453	Heptachlorodibenzofuran, 1,2,3,4,7,8,9-; (HeptaCDF, 1,2,3,4,7,8,9-)	55673-89-7	0.06	0.66	4	mg/m^3
1454	Heptachlorodibenzo-p-dioxin, 1,2,3,4,6,7,8-; (HeptaCDD, 1,2,3,4,6,7,8-)	35822-46-9	0.03	0.33	1.3	mg/m^3
1455	Heptadecane	629-78-7	6.8	74	450	ppm
1456	Heptafluorobutyric acid	375-22-4	0.5	5.5	33	mg/m^3
1457	Heptafluorotetrahydro-5-(nonafluorobutyl)furan, 2,2,3,3,4,4,5-; (Perfluoro-2-butyltetrahydrofuran; Fluorinert FC-75)	335-36-4	10	110	680	mg/m^3
1458	Heptane	142-82-5	440	440	5,000	ppm
1459	Heptanoic acid	111-14-8	3.9	43	260	ppm
1460	Heptanol, 1-; (Heptyl alcohol)	111-70-6	0.63	6.9	230	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1461	Heptene, 1-	592-76-7	24	270	1,600	ppm
1462	Hexacarbonylchromium; (Chromium hexacarbonyl)	13007-92-6	0.13	22	130	mg/m^3
1463	Hexachloroacetone	116-16-5	0.079	0.86	29	mg/m^3
1464	Hexachlorobenzene	118-74-1	0.006	8.9	160	mg/m^3
1465	**Hexachlorobutadiene**	**87-68-3**	**1**	**3**	**10**	ppm
1466	Hexachlorocyclohexane, alpha-; (Benzene hexachloride-alpha-isomer)	319-84-6	1.5	1.6	35	mg/m^3
1467	Hexachlorocyclohexane, beta-1,2,3,4,5,6-; (Benzene hexachloride, trans-alpha-)	319-85-7	1.5	2	1,200	mg/m^3
1468	Hexachlorocylopentadiene	77-47-4	0.01	0.018	0.071	ppm
1469	Hexachlorodibenzodioxin, 1,2,3,4,7,8-; (HexaCDD, 1,2,3,4,7,8-)	39227-28-6	7.40E-05	8.20E-04	0.18	mg/m^3
1470	Hexachlorodibenzofuran, 1,2,3,4,7,8-	70648-26-9	7.40E-05	8.20E-04	0.0049	mg/m^3
1471	Hexachlorodibenzofuran, 1,2,3,6,7,8-	57117-44-9	3.70E-05	4.10E-04	0.0025	mg/m^3
1472	Hexachlorodibenzofuran, 1,2,3,7,8,9-; (HexaCDF, 1,2,3,7,8,9-)	72918-21-9	0.03	0.33	2	mg/m^3
1473	Hexachlorodibenzofuran, 2,3,4,6,7,8-	60851-34-5	4.90E-04	0.0054	0.032	mg/m^3
1474	Hexachlorodibenzo-p-dioxin, 1,2,3,6,7,8-	57653-85-7	7.50E-04	0.0083	0.05	mg/m^3
1475	Hexachlorodibenzo-p-dioxin, 1,2,3,7,8,9-; (HexaCDD, 1,2,3,7,8,9-)	19408-74-3	0.0039	0.043	0.26	mg/m^3
1476	Hexachloroethane	67-72-1	3	6.7	300	ppm
1477	Hexachloronaphthalene	1335-87-1	0.2	0.2	2	mg/m^3
1478	Hexachlorophene	70-30-4	11	120	220	mg/m^3
1479	Hexachloropropene	1888-71-7	0.089	0.98	5.9	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1480	Hexadecanamine, 1-	143-27-1	0.018	0.2	43	mg/m^3
1481	Hexadecane	544-76-3	13	140	4,400	mg/m^3
1482	Hexadecanoic acid; (Palmitic acid)	57-10-3	2	12	12	mg/m^3
1483	Hexadecanol, 1-	36653-82-4	1.5	16	98	mg/m^3
1484	Hexadecene, 1-	629-73-2	0.34	3.8	23	ppm
1485	Hexadecylpyridinium chloride, 1-; (Cepacol chloride)	123-03-5	0.06	0.66	4	mg/m^3
1486	Hexadecyltrimethylammonium chloride	112-02-7	1.1	12	70	mg/m^3
1487	Hexafluoro-2-propanol, 1,1,1,3,3,3-	920-66-1	1.3	15	87	ppm
1488	**Hexafluoroacetone**	**684-16-2**	0.1	**0.2**	**80**	ppm
1489	Hexafluorobenzene	392-56-3	13	140	480	ppm
1490	Hexafluorobutyne-2; (1,1,1,4,4,4-Hexafluoro-2-butyne)	692-50-2	0.054	0.6	3.6	ppm
1491	Hexafluoroethane; (Freon 116; Perfluoroethane)	76-16-4	730	6,100	6,100	ppm
1492	**Hexafluoropropylene; (Hexafluoropropene)**	**116-15-4**	**40**	**91**	**480**	ppm
1493	Hexafluoropropylene-vinylidene fluoride polymer; (Viton)	9011-17-0	30	330	2,000	mg/m^3
1494	Hexamethylcyclotrisiloxane	541-05-9	7.5	83	500	mg/m^3
1495	Hexamethyldisilazane	999-97-3	0.2	2.2	170	mg/m^3
1496	Hexamethyldisiloxane	107-46-0	2.3	26	150	ppm
1497	Hexamethylene diisocyanate polymer	28182-81-2	7.8	86	510	mg/m^3
1498	Hexamethylene diisocyanate; (1,6-Diisocyanatohexane)	822-06-0	0.005	0.02	0.8	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1499	Hexamethyleneimine	111-49-9	5.7	63	380	mg/m^3
1500	Hexamethylenetetraamine hydrochloride	58713-21-6	30	330	2,000	mg/m^3
1501	Hexamethylenetetraamine; (Methenamine)	100-97-0	55	610	3,600	mg/m^3
1502	Hexamethylphosphoramide	680-31-9	0.12	1.3	15	ppm
1503	Hexamethyltetracosane, 2,6,10,15,19,23-; (Squalane)	111-01-3	3.3	37	220	ppm
1504	Hexanal	66-25-1	2.2	24	77	ppm
1505	**Hexane**	**110-54-3**	300	**3,300**	**8,600**	ppm
1506	Hexanediol diacrylate, 1,6-	13048-33-4	3	170	990	mg/m^3
1507	Hexanediol, 1,6-; (Hexamethylene glycol)	629-11-8	20	220	730	mg/m^3
1508	Hexanehexol, 1,2,3,4,5,6-; (Mannitol)	69-65-8	340	2,700	2,700	mg/m^3
1509	Hexanenitrile	628-73-9	0.19	2.1	13	ppm
1510	Hexanethiol, 1-; (N-Hexylmercaptan)	111-31-9	0.045	0.5	48	ppm
1511	Hexanitrostilbene	20062-22-0	0.05	0.55	3.3	mg/m^3
1512	Hexanoic acid	142-62-1	2.2	24	140	mg/m^3
1513	Hexanol, 2-; (2-Hydroxyhexane)	626-93-7	0.35	3.8	23	mg/m^3
1514	Hexanol, n-; (n-Hexyl alcohol)	111-27-3	0.52	5.7	34	ppm
1515	Hexanone, 2-; (Methyl n-butyl ketone)	591-78-6	10	51	***5,000***	ppm
1516	Hexanone, 3-; (Ethyl propyl ketone)	589-38-8	2.3	26	150	ppm
1517	Hexanoyl chloride	142-61-0	1.2	13	79	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1518	Hexaphenylcyclotrisiloxane	512-63-0	6	66	400	mg/m^3
1519	**Hexene, 1-**	**592-41-6**	50	**500**	**5,000**	ppm
1520	Hexylene glycol	107-41-5	10	25	150	ppm
1521	**Hexyltrichlorosilane**	**928-65-4**	**0.6**	**7.3**	**33**	ppm
1522	Holmium	7440-60-0	6	66	400	mg/m^3
1523	Holmium trioxide	12055-62-8	30	330	2,000	mg/m^3
1524	Humic acid, sodium salt	68131-04-4	0.74	8.2	200	mg/m^3
1525	**Hydrazine**	**302-01-2**	**0.1**	**13**	**35**	ppm
1526	Hydrazine hydrate; (Hydrazine monohydrate; aqueous solutions - 10217-52-4)	7803-57-8	0.156	20	55	mg/m^3
1527	Hydrazine hydrochloride; (Hydrazine monochloride)	2644-70-4	0.38	4.2	25	mg/m^3
1528	Hydrazine nitrate; (Hydrazinium nitrate)	13464-97-6	0.3	39	100	mg/m^3
1529	Hydrazine sulfate	10034-93-2	0.5	5.5	120	mg/m^3
1530	Hydrazine, dihydrochloride	5341-61-7	0.67	7.4	44	mg/m^3
1531	**Hydriodic acid; (Hydrogen iodide)**	**10034-85-2**	**1**	**25**	**120**	ppm
1532	**Hydrobromic acid; (Hydrogen bromide)**	**10035-10-6**	**1**	**25**	**120**	ppm
1533	Hydrogen	1333-74-0	65,000	2.30E+05	4.00E+05	ppm
1534	**Hydrogen chloride; (Hydrochloric acid)**	**7647-01-0**	**1.8**	**22**	**100**	ppm
1535	**Hydrogen cyanide; (Hydrocyanic acid)**	**74-90-8**	**2**	**7.1**	**15**	ppm
1536	**Hydrogen fluoride; (Hydrofluoric acid)**	**7664-39-3**	**1**	**24**	**44**	ppm

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Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1537	**Hydrogen peroxide**	**7722-84-1**	**10**	**50**	**100**	ppm
1538	Hydrogen peroxide - 30%	7722-84-1a	33	170	330	ppm
1539	Hydrogen potassium phthalate; (Phthalic acid, monopotassium salt; Potassium acid phthalate; Potassium biphthalate)	877-24-7	9.6	110	630	mg/m^3
1540	**Hydrogen selenide**	**7783-07-5**	0.05	**0.33**	**1.1**	ppm
1541	**Hydrogen sulfide**	**7783-06-4**	**0.51**	**27**	**50**	ppm
1542	Hydrogenated terphenyl	61788-32-7	1.5	47	280	ppm
1543	Hydroquinone	123-31-9	1.8	20	32	mg/m^3
1544	Hydrotreated (mild & severe) heavy paraffinic distillates	64742-54-7	45	500	3,000	mg/m^3
1545	Hydrotreated middle distillate (Petroleum base oil)	64742-46-7	0.23	2.5	15	mg/m^3
1546	Hydroxy-2-methylpropanoic acid, 2-; (2-Methyllactic acid)	594-61-6	30	330	2,000	mg/m^3
1547	Hydroxy-4'-hydroxyethoxy-2-methylpropiophenone, 2-	106797-53-9	12	130	810	mg/m^3
1548	Hydroxy-4-methyl-2-pentanone, 4-; (Diacetone alcohol)	123-42-2	50	50	2,100	ppm
1549	Hydroxyapatite; (Calcium hydroxyapatite)	1306-06-5	35	60	500	mg/m^3
1550	Hydroxybenezenesulfonic acid, 4-; (4-Hydroxyphenylsulfonic acid)	98-67-9	10	120	690	mg/m^3
1551	Hydroxybenzoic acid, 4-; (p-Salicylic acid)	99-96-7	15	41	240	mg/m^3
1552	Hydroxybenzotriazole, 1-; (1-Hydroxybenzotriazole hydrate)	2592-95-2	31	340	2,000	mg/m^3
1553	Hydroxyethyl acrylate, 2-; (Acrylic acid, 2-hydroxyethyl ester)	818-61-1	0.019	0.21	19	ppm
1554	Hydroxyethyl methacrylate, 2-	868-77-9	0.71	7.8	1,000	mg/m^3
1555	Hydroxyethyl)-1-piperazineethanesulfonic acid, 4-(2-	7365-45-9	0.69	7.6	46	mg/m^3

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Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1556	Hydroxyethylenediaminetriacetic acid, N-	150-39-0	2	22	130	mg/m^3
1557	Hydroxyethylidene-1,1-diphosphonic acid, 1-; (Hydroxyethylidine bisphosphonic acid, 1-)	2809-21-4	7.2	79	480	mg/m^3
1558	Hydroxylamine	7803-49-8	0.35	3.9	23	mg/m^3
1559	Hydroxylamine chloride; (Hydroxylamine hydrochloride)	5470-11-1	2.1	23	28	mg/m^3
1560	Hydroxylamine nitrate	13465-08-2	15	40	150	mg/m^3
1561	Hydroxylamine sulfate; (Oxammonium sulfate)	10039-54-0	2.8	31	190	mg/m^3
1562	Hydroxymethanesulfinic acid, monosodium salt; (Formaldehyde hydrosulfite)	149-44-0	6.6	72	430	mg/m^3
1563	Hydroxy-N-phenylbenzamide, N-; (Phenylbenzohydroxamic acid, N-)	304-88-1	30	330	2,000	mg/m^3
1564	Hydroxyphenyl)benzothiazole, 2-(2-	3411-95-8	27	300	1,800	mg/m^3
1565	Hydroxyphenylacetic acid, alpha-	90-64-2	25	270	1,600	mg/m^3
1566	Hydroxypropyl cellulose	9004-64-2	31	340	2,000	mg/m^3
1567	Hydroxyquinoline sulfate, 8-	134-31-6	3.6	40	240	mg/m^3
1568	Hypophosphorous acid-d3; (Hydrophosphorus acid-d3 solution, 50 wt.% in D2O)	57583-56-9	30	330	2,000	mg/m^3
1569	Hypophosphorus acid; (Phosphonic acid)	6303-21-5	30	330	2,000	mg/m^3
1570	Imidazole	288-32-4	1.2	13	44	mg/m^3
1571	Imidazole hydrochloride	1467-16-9	6	66	400	mg/m^3
1572	Iminodiacetic acid	142-73-4	0.82	9	54	mg/m^3
1573	Iminodiacetic acid, disodium salt hydrate	17593-73-6	24	270	1,600	mg/m^3
1574	Indan	496-11-7	31	340	2,000	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
Bold, green italics: 10% LEL ≤ PAC < 50% LEL; bold, underlined, pink italics: 50% LEL ≤ PAC < 100% LEL; bold, double underlined, red italcs: PAC ≥ LEL.

Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1575	Indene	95-13-6	5	5	130	ppm
1576	Indeno(1,2,3-cd)pyrene	193-39-5	0.015	0.17	1	mg/m^3
1577	Indigo carmine; (FD&C blue No 2)	860-22-0	0.23	2.6	37	mg/m^3
1578	Indium	7440-74-6	0.1	0.1	0.45	mg/m^3
1579	Indium oxide (vapor)	1312-43-2b	0.32	0.88	5.3	mg/m^3
1580	Indium sulfate	13464-82-9	0.23	0.23	0.89	mg/m^3
1581	Indium trichloride	10025-82-8	0.58	0.94	0.94	mg/m^3
1582	Indium(III) oxide	1312-43-2a	0.36	370	2,200	mg/m^3
1583	Indole-3-carboxaldehyde, 1H-; (3-Formylindole)	487-89-8	0.68	7.5	45	ppm
1584	Iodic acid	7782-68-5	1	1	10	mg/m^3
1585	**Iodine**	**7553-56-2**	**0.1**	**0.5**	**5**	ppm
1586	Iodine 125	17144-19-3	0.1	0.5	5	ppm
1587	Iodobenzene	591-50-4	0.2501	150	720	mg/m^3
1588	Iodoethane; (Ethyl iodide)	75-03-6	0.03	24	140	ppm
1589	Iodoheptafluoropropane, 1-; (Heptafluoropropyl iodide)	754-34-7	0.03	190	1,200	ppm
1590	Iodopentane, 1-	628-17-1	0.2429	63	380	mg/m^3
1591	Iotalamic acid	2276-90-6	120	1,300	7,800	mg/m^3
1592	Iridium	7439-88-5	4.7	51	310	mg/m^3
1593	Iron	7439-89-6	1	11	110	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1594	Iron carbide	12011-67-5	16	180	1,100	mg/m^3
1595	Iron hydroxide oxide	20344-49-4	24	260	1,600	mg/m^3
1596	Iron oxide; (Ferric oxide)	1309-37-1	15	360	2,200	mg/m^3
1597	**Iron pentacarbonyl**	**13463-40-6**	0.06	**0.06**	**0.18**	ppm
1598	Iron sulfide	1317-37-9	4.7	53	320	mg/m^3
1599	Iron(II) chloride tetrahydrate	13478-10-9	3.6	3.6	20	mg/m^3
1600	Iron(II) oxide; (Ferrous oxide)	1345-25-1	4.5	500	3,000	mg/m3
1601	Iron(II) perchlorate hexahydrate	13520-69-9	19	210	1,200	mg/m^3
1602	Iron(II,III) oxide; (Ferrosoferric oxide; Iron(III) oxide)	1317-61-9	21	230	1,400	mg/m^3
1603	Iron(III) perchlorate	13537-24-1	19	210	1,200	mg/m^3
1604	Iron(III) sulfate heptahydrate	35139-28-7	15	27	160	mg/m^3
1605	Isoamyl acetate; (Isopentyl acetate)	123-92-2	100	500	3,000	ppm
1606	Isoamyl alcohol (primary); (3-Methyl-1-butanol)	123-51-3	125	125	***10,000***	ppm
1607	Isoamyl alcohol (secondary); (3-Pentanol)	584-02-1	125	***1,700***	***10,000***	ppm
1608	Isoamyl nitrite; (Isopentyl nitrite)	110-46-3	0.48	5.3	32	ppm
1609	Isobenzan	297-78-9	0.091	1	1	mg/m^3
1610	Isobutanol-2-amine	124-68-5	6.3	69	570	mg/m^3
1611	Isobutyl acetate	110-19-0	450	1,300	7,500	ppm
1612	Isobutyl alcohol	78-83-1	150	***1,300***	***8,000***	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1613	Isobutyl chloride; (1-Chloro-2-methylpropane)	513-36-0	0.067	0.73	4.4	ppm
1614	**Isobutyl chloroformate**	**543-27-1**	0.2	**2.2**	**6.7**	ppm
1615	Isobutyl isobutyrate	97-85-8	23	250	1,500	mg/m^3
1616	Isobutylamine	78-81-9	2	10	15	ppm
1617	Isobutyraldehyde	78-84-2	65	65	470	ppm
1618	Isobutyric acid	79-31-2	0.23	2.6	15	ppm
1619	Isobutyric anhydride; (2-Methylpropionic anhydride)	97-72-3	0.067	0.73	4.4	ppm
1620	**Isobutyronitrile**	**78-82-0**	**10**	**18**	**68**	ppm
1621	Isocyanate-bearing waste (as CNs N.O.S.)	z-0024	8.3	8.3	50	mg/m^3
1622	**Isocyanatoethyl methacrylate, 2-**	**30674-80-7**	0.0091	**0.1**	**1**	ppm
1623	Isocyanic acid	75-13-8	0.042	0.46	2.8	ppm
1624	Isocyanic acid, 3,4-dichlorophenyl ester; (3,4-Dichlorophenyl isocyanate)	102-36-3	1.3	14	120	mg/m^3
1625	Isodrin	465-73-6	0.64	7	7	mg/m^3
1626	Isonate 181 MDI prepolymer	z-0113	0.75	6	75	mg/m^3
1627	Isooctane; (2,2,4-Trimethylpentane)	540-84-1	300	300	5,000	ppm
1628	Isopentane; (Ethyldimethylmethane; 2-Methylbutane)	78-78-4	600	610	***4,400***	ppm
1629	Isophorone	78-59-1	4	5	800	ppm
1630	Isophorone diisocyanate	4098-71-9	0.02	0.14	0.6	ppm
1631	Isophthalic acid; (Phthalic acid, m isomer)	121-91-5	30	340	2,100	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1632	**Isoprene**	**78-79-5**	**5**	**1,000**	**4,000**	ppm
1633	Isopropyl acetate	108-21-4	200	200	***16,000***	ppm
1634	Isopropyl alcohol	67-63-0	400	400	***12,000***	ppm
1635	Isopropyl chloride; (2-Chloropropane)	75-29-6	150	520	1,600	ppm
1636	**Isopropyl chloroformate; (Isopropyl chlorocarbonate)**	**108-23-6**	0.3	**3.3**	**10**	ppm
1637	Isopropyl ether; (Diisopropyl ether)	108-20-3	310	310	10,000	ppm
1638	**Isopropyl methanefluoro-phosphonate; (Sarin; GB)**	**107-44-8**	**4.80E-04**	**0.006**	**0.022**	ppm
1639	Isopropyl nitrate	1712-64-7	15	50	300	ppm
1640	Isopropyl titanate(IV); (Titanium(IV) isopropoxide)	546-68-9	22	250	1,500	mg/m^3
1641	Isopropylamine; (2-Propanamine)	75-31-0	10	670	4,000	ppm
1642	Isopropylmagnesium chloride; (Chloro(1-methylethyl)magnesium)	1068-55-9	0.75	8.3	50	mg/m^3
1643	Isopropylmethylpyrazolyl dimethylcarbamate; (Isolan)	119-38-0	0.51	5.6	5.6	mg/m^3
1644	Isopropyltoluene, 4-; (p-Cymene)	99-87-6	60	660	730	mg/m^3
1645	Jeffamine M-600	77110-54-4	30	330	2,000	mg/m^3
1646	**Jet fuels, (JP-5 and JP-8)**	**70892-10-3**	**290**	**1,100**	1,100	mg/m^3
1647	Kaolin; (Aluminum silicate hydroxide; Fuller's earth [8031-18-3])	1332-58-7	2	2	4.6	mg/m^3
1648	Kepone; (Chlordecone)	143-50-0	0.003	3.3	18	mg/m^3
1649	**Kerosene; (Fuel Oil No 1)**	**8008-20-6**	**290**	**1,100**	1,100	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1650	**Ketene; (Carbomethene, Ethenone)**	**463-51-4**	**0.19**	**0.66**	**2**	ppm
1651	Krypton	7439-90-9	65,000	2.30E+05	4.00E+05	ppm
1652	Lactic acid	50-21-5	0.47	5.2	700	mg/m^3
1653	Lactic acid, sodium salt, DL-; (Propanoic acid, 2-hydroxy-, monosodium salt)	312-85-6	30	330	2,000	mg/m^3
1654	Lactonitrile	78-97-7	1.6	18	18	mg/m^3
1655	Lactose, beta-D-; (beta-D-Glucopyranose, 4-O-beta-D-galactopyranosyl-)	5965-66-2	30	330	2,000	mg/m^3
1656	Lanthanum	7439-91-0	30	330	2,000	mg/m^3
1657	Lanthanum alizarin	z-0026	30	330	2,000	mg/m^3
1658	Lanthanum boride	12008-21-8	30	330	2,000	mg/m^3
1659	Lanthanum carbonate	6487-39-4	30	330	2,000	mg/m^3
1660	Lanthanum chloride	10099-58-8	0.16	1.8	470	mg/m^3
1661	Lanthanum fluoride	13709-38-1	26	280	1,700	mg/m^3
1662	Lanthanum hydroxide	14507-19-8	0.75	2	2.5	mg/m^3
1663	Lanthanum nitrate	10099-59-9	14	150	890	mg/m^3
1664	Lanthanum oxide	1312-81-8	4	44	270	mg/m^3
1665	Lanthanum phosphate	14913-14-5	0.75	3	3	mg/m^3
1666	Lanthanum(III) nitrate hexahydrate	10277-43-7	1.3	15	89	mg/m^3
1667	Laromin C 260; (bis(4-Amino-3-methylcyclohexyl) methane; Dimethyldicyane)	6864-37-5	0.28	3.1	19	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1668	Lauryl sulfate; (Dodecyl sulfate)	151-41-7	3.9	43	260	mg/m^3
1669	Lead	7439-92-1	0.15	120	700	mg/m^3
1670	Lead acetate(II), trihydrate; (Bis(acetato)trihydroxytrilead)	6080-56-4	7.4	82	920	mg/m^3
1671	Lead acetate, basic; (Lead subacetate)	1335-32-6	6.6	73	440	mg/m^3
1672	Lead acetate; (Lead diacetate)	301-04-2	2.8	31	780	mg/m^3
1673	Lead acid arsenate; (Dibasic lead arsenate)	7784-40-9	0.14	18	460	mg/m^3
1674	Lead arsenate; (Trilead diarsenate)	3687-31-8	0.18	2	600	mg/m^3
1675	Lead bromide	10031-22-8	0.27	200	1,200	mg/m^3
1676	Lead carbonate	598-63-0	0.19	8.5	900	mg/m^3
1677	Lead chloride	7758-95-4	0.2	2	940	mg/m^3
1678	Lead chromate	7758-97-6	0.31	3.2	97	mg/m^3
1679	Lead dioxide	1309-60-0	0.17	140	810	mg/m^3
1680	Lead fluoborate	13814-96-5	0.28	220	1,300	mg/m^3
1681	Lead fluoride	7783-46-2	0.18	140	830	mg/m^3
1682	Lead hydroxide	19783-14-3	0.17	140	810	mg/m^3
1683	Lead iodide	10101-63-0	0.33	270	1,600	mg/m^3
1684	Lead nitrate	10099-74-8	0.24	180	1,100	mg/m^3
1685	Lead nitrite	13826-65-8	0.22	170	1,000	mg/m^3
1686	Lead oxalate	814-93-7	0.21	170	1,000	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1687	Lead oxide; (Lead monoxide)	1317-36-8	0.16	130	750	mg/m^3
1688	Lead phosphate	7446-27-7	0.2	150	910	mg/m^3
1689	Lead sulfate; (Sulfuric acid, lead(2+) salt (1:1))	7446-14-2	0.22	170	1,000	mg/m^3
1690	Lead sulfide	1314-87-0	0.17	33	810	mg/m^3
1691	Lead tetroxide	1314-41-6	0.17	130	770	mg/m^3
1692	Lead(II) arsenite	10031-13-7	0.084	47	280	mg/m^3
1693	Lead(II) perchlorate trihydrate	13453-62-8	0.33	270	1,600	mg/m^3
1694	Leco set 7007 powder	z-0027	30	330	2,000	mg/m^3
1695	Leptophos; (Fosvel)	21609-90-5	2.7	30	30	mg/m^3
1696	**Lewisite 2; (Bis(2-chlorovinyl)chloroarsine)**	**40334-69-8**	0.12	**0.12**	**0.74**	mg/m^3
1697	**Lewisite 3; (Tris(2-chlorovinyl)arsine)**	**40334-70-1**	0.12	**0.12**	**0.74**	mg/m^3
1698	Lignosulfonate (aqueous)	8062-15-5	15	170	1,000	mg/m^3
1699	Limestone; (Calcium carbonate; Dolomite)	1317-65-3	27	27	1,300	mg/m^3
1700	Limonene, d-	5989-27-5	20	20	160	ppm
1701	Lindane; (gamma-Benzenehexachloride)	58-89-9	9.1	100	1,000	mg/m^3
1702	Linseed oil	8001-26-1	22	250	1,500	mg/m^3
1703	Liquified petroleum gas; (L.P.G.)	68476-85-7	3,000	3,200	19,000	ppm
1704	Lithium	7439-93-2	0.56	6.1	220	mg/m^3
1705	Lithium acetate dihydrate	6108-17-4	5.1	56	330	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1706	Lithium aluminate	12003-67-7	37	400	2,400	mg/m^3
1707	Lithium aluminum oxide; (Lithium aluminate)	11089-89-7	37	400	2,400	mg/m^3
1708	Lithium aluminum silicate; (Petalite)	1302-66-5	3	33	200	mg/m^3
1709	Lithium azide	19597-69-4	30	330	2,000	mg/m^3
1710	Lithium borohydride; (Lithium tetrahydroborate)	16949-15-8	6	6	9.5	mg/m^3
1711	Lithium bromide	7550-35-8	1.4	15	360	mg/m^3
1712	Lithium carbonate	554-13-2	0.16	1.8	100	mg/m^3
1713	Lithium chloride	7447-41-8	0.37	4.1	73	mg/m^3
1714	Lithium chromate; (Lithium chromium oxide)	14307-35-8	0.12	0.13	39	mg/m^3
1715	Lithium deuteride	13587-16-1	0.025	0.1	0.5	mg/m^3
1716	Lithium diisopropylamide; (LDA)	4111-54-0	30	330	2,000	mg/m^3
1717	Lithium fluoride	7789-24-4	10	110	680	mg/m^3
1718	**Lithium hydride**	**7580-67-8**	**0.025**	**0.1**	**0.5**	mg/m^3
1719	Lithium hydroxide	1310-65-2	0.091	1	42	mg/m^3
1720	Lithium hydroxide monohydrate	1310-66-3	0.091	1	42	mg/m^3
1721	Lithium iodide	10377-51-2	30	330	2,000	mg/m^3
1722	Lithium metaborate, anhydrous	13453-69-5	28	300	1,800	mg/m^3
1723	Lithium molybdate	13568-40-6	2.7	30	180	mg/m^3
1724	Lithium niobium oxide; (Lithium niobate)	12031-63-9	50	540	3,300	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1725	Lithium nitrate	7790-69-4	0.089	0.98	5.9	mg/m^3
1726	Lithium nitride	26134-62-3	30	330	2,000	mg/m^3
1727	Lithium nitrite	13568-33-7	0.06	0.4	40	mg/m^3
1728	Lithium oxide	12057-24-8	0.091	1	1.5	mg/m3
1729	Lithium perchlorate, anhydrous	7791-03-9	4.00E-04	0.0044	0.026	mg/m^3
1730	Lithium silicon	68848-64-6	2.8	31	1,100	mg/m^3
1731	Lithium stearate	4485-12-5	45	500	3,000	mg/m^3
1732	Lithium sulfate	10377-48-7	0.11	1.2	130	mg/m^3
1733	Lithium tetraborate	12007-60-2	23	260	1,500	mg/m^3
1734	Lithium tetraborate pentahydrate	1303-94-2	36	400	2,400	mg/m^3
1735	Lithium tetrahydroaluminate(1-); (Lithium aluminum hydride)	16853-85-3	2.8	2.8	9.2	mg/m^3
1736	Lithium triethylborodeuteride; (Super-deuteride)	74540-86-6	30	330	2,000	mg/m^3
1737	Lithium triethylborohydride; (Super-hydride)	22560-16-3	1.2	13	79	mg/m^3
1738	Lubricating oil, rerefined	68476-77-7	30	330	2,000	mg/m^3
1739	Lutetium	7439-94-3	1.2	13	79	mg/m^3
1740	Lutetium oxide	12032-20-1	30	330	2,000	mg/m^3
1741	Lutidine, 2,6-; (2,6-Dimethylpyridine)	108-48-5	28	300	1,800	ppm
1742	Magnesium	7439-95-4	0.016	0.17	1	mg/m^3
1743	Magnesium acetate tetrahydrate	16674-78-5	26	280	1,700	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1744	**Magnesium aluminum phosphide**	**z-0116**	0.12	**0.67**	**1.2**	ppm
1745	Magnesium carbonate hydroxide	7760-50-1	30	330	2,000	mg/m^3
1746	Magnesium carbonate; (Magnesite)	546-93-0	15	15	1,600	mg/m^3
1747	Magnesium carbonate-magnesium hydroxide, pentahydrate	39409-82-0	45	500	3,000	mg/m^3
1748	Magnesium chloride	7786-30-3	4.1	45	550	mg/m^3
1749	Magnesium chloride hexahydrate	7791-18-6	12	130	1,600	mg/m^3
1750	Magnesium ethoxide	2414-98-4	30	130	750	mg/m^3
1751	Magnesium fluoride	7783-40-6	12	140	820	mg/m^3
1752	Magnesium formate	557-39-1	30	330	2,000	mg/m^3
1753	Magnesium hydroxide	1309-42-8	31	340	1,700	mg/m^3
1754	Magnesium iodate tetrahydrate	7790-32-1	30	330	2,000	mg/m^3
1755	Magnesium nitrate; (Magnesium(II) nitrate (1:2))	10377-60-3	30	330	2,000	mg/m^3
1756	Magnesium oxide	1309-48-4	22	22	130	mg/m^3
1757	**Magnesium phosphide**	**12057-74-8**	0.091	**1**	**1.8**	ppm
1758	Magnesium silicate hydrate	1343-90-4	30	330	2,000	mg/m^3
1759	Magnesium silicate; (Florisil)	1343-88-0	30	1,300	8,000	mg/m^3
1760	Magnesium sulfate (1:1)	7487-88-9	0.18	2	160	mg/m^3
1761	Magnesium sulfate heptahydrate	10034-99-8	3.6	40	5,200	mg/m^3
1762	Magnesium(II) nitrate (1:2), hexahydrate	13446-18-9	16	180	1,100	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1763	**Malathion**	**121-75-5**	**15**	**120**	**390**	mg/m^3
1764	Maleic acid	110-16-7	2.1	23	140	mg/m^3
1765	Maleic acid, disodium salt	371-47-1	21	230	1,400	mg/m^3
1766	**Maleic anhydride**	**108-31-6**	**0.2**	**2**	**20**	ppm
1767	Maleic hydrazide; (3,6-Pyridazinedione, 1,2-dihydro-)	123-33-1	11	130	750	mg/m^3
1768	Malic acid, DL-	617-48-1	2.6	29	170	mg/m^3
1769	Malonic acid; (Carboxyacetic acid)	141-82-2	7.4	82	590	mg/m^3
1770	Mancozeb; (Dithane M-45)	8018-01-7	3	20	990	mg/m^3
1771	Manganese	7439-96-5	3	5	1,800	mg/m^3
1772	Manganese carbonate	598-62-9	6.3	10	60	mg/m^3
1773	Manganese dioxide	1313-13-9	4.7	7.9	690	mg/m^3
1774	Manganese hydroxide	18933-05-6	4.9	8.1	49	mg/m^3
1775	Manganese nitrite	18488-90-9	8	13	78	mg/m^3
1776	Manganese oxalate	640-67-5	7.8	13	78	mg/m^3
1777	Manganese oxide; (Manganese tetroxide)	1317-35-7	4.2	6.9	6.9	mg/m^3
1778	Manganese phosphate	10124-54-6	6.5	11	66	mg/m^3
1779	Manganese tricarbonyl methylcyclopentadienyl	12108-13-3	0.6	0.6	3.4	mg/m^3
1780	Manganese(II) chloride (1:2); (Manganous chloride)	7773-01-5	6.9	11	50	mg/m^3
1781	Manganese(II) chloride tetrahydrate	13446-34-9	11	18	290	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1782	Manganese(II) nitrate hexahydrate	10377-66-9	16	26	26	mg/m^3
1783	Manganese(II) nitrate hydrate	15710-66-4	11	18	110	mg/m^3
1784	Manganese(II) sulfate monohydrate	10034-96-5	9.2	15	90	mg/m^3
1785	Manganese(III) oxide	1317-34-6	4.3	7.2	13	mg/m^3
1786	Manganese(VII) oxide	12057-92-0	6.1	10	60	mg/m^3
1787	Manganous oxide; (Manganese(II) oxide)	1344-43-0	3.9	6.5	22	mg/m^3
1788	Manganous sulfate	7785-87-7	8.2	14	430	mg/m^3
1789	Manganous sulfide; (Manganese(II) sulfide)	18820-29-6	4.8	7.9	47	mg/m^3
1790	Mastic (resin)	61789-92-2	0.82	9	2,000	mg/m^3
1791	Melamine	108-78-1	10	10	140	mg/m^3
1792	Memtetrahydrophthalic anhydride; (Tetrahydrophthalic anhydride)	85-43-8	16	180	1,100	mg/m^3
1793	Mephosfolan	950-10-7	0.82	9	9	mg/m^3
1794	Mercaptoacetic acid; (Thioglycolic acid)	68-11-1	1	1	2.5	ppm
1795	Mercaptobenzoic acid, o-	147-93-3	0.16	1.8	11	mg/m^3
1796	Mercaptobenzothiazole, 2-; (2-Benzothiazolethiol)	149-30-4	8.2	8.2	20	mg/m^3
1797	Mercaptoethanol, 2-	60-24-2	0.6	1.3	29	ppm
1798	Mercaptopropionic acid, 3-	107-96-0	0.02	0.22	19	mg/m^3
1799	Mercuric acetate	1600-27-7	0.048	16	16	mg/m^3
1800	Mercuric cyanide	592-04-1	0.12	1.3	35	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1801	Mercuric iodide; (Mercury(II) iodide)	7774-29-0	0.057	0.23	63	mg/m^3
1802	Mercuric sulfate; (Mercury(II) sulfate)	7783-35-9	0.037	0.15	41	mg/m^3
1803	Mercuric thiocyanate; (Mercuric sulfocyanate)	592-85-8	0.039	0.16	44	mg/m^3
1804	Mercuric trifluoroacetate	13257-51-7	0.064	0.085	21	mg/m^3
1805	Mercurol; (Mercury nucleate)	12002-19-6	0.025	0.1	28	mg/m^3
1806	Mercurous chloride; (Mercury monochloride)	7546-30-7	0.029	0.12	33	mg/m^3
1807	Mercurous nitrate monohydrate	7782-86-7	0.035	0.14	39	mg/m^3
1808	Mercurous nitrate; (Mercury(I) nitrate(1:1))	10415-75-5	0.033	0.13	37	mg/m^3
1809	Mercurous oxide; (Mercury(I) oxide)	15829-53-5	0.026	0.1	29	mg/m^3
1810	Mercury hydroxide	12135-13-6	0.029	0.12	33	mg/m^3
1811	Mercury nitrate; (Mercury(II) nitrate (1:2))	10045-94-0	0.04	0.16	45	mg/m^3
1812	Mercury nitrite; (Mercury(II) nitrite)	18541-72-5	0.036	0.15	41	mg/m^3
1813	**Mercury vapor**	**7439-97-6**	0.15	**1.7**	**8.9**	mg/m^3
1814	Mercury(I) chloride; (Dimercury dichloride)	10112-91-1	0.029	0.12	33	mg/m^3
1815	Mercury(II) chloride; (Mercury bichloride)	7487-94-7	2.7	30	38	mg/m^3
1816	Mercury(II) nitrate monohydrate	7783-34-8	0.043	0.17	48	mg/m^3
1817	Mercury(II) oxide; (Mercuric oxide)	21908-53-2	1.5	16	30	mg/m^3
1818	**Mesitylene; (1,3,5-Trimethylbenzene)**	**108-67-8**	**140**	**360**	360	ppm
1819	Metaphosphoric acid	37267-86-0	30	330	2,000	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1820	Methacrolein diacetate; (Acetic acid, 2-methyl-2-propene-1,1-diol diester)	10476-95-6	4	44	44	mg/m^3
1821	**Methacrylaldehyde**	**78-85-3**	**0.2**	**2.8**	**4.7**	ppm
1822	Methacrylamide	79-39-0	0.49	5.4	91	mg/m^3
1823	**Methacrylic acid**	**79-41-4**	**6.7**	**61**	**220**	ppm
1824	Methacrylic acid, diester with triethylene glycol; (Polyester TGM3)	109-16-0	33	360	2,100	mg/m^3
1825	Methacrylic anhydride	760-93-0	0.41	4.5	16	mg/m^3
1826	**Methacrylonitrile; (Methylacrylonitrile)**	**126-98-7**	**1**	**13**	**25**	ppm
1827	Methacryloyl chloride	920-46-7	0.013	0.14	0.62	ppm
1828	Methamidophos	10265-92-6	0.68	7.5	7.5	mg/m^3
1829	Methane	74-82-8	2,900	2,900	17,000	ppm
1830	Methane-d3	676-80-2	3,000	3,000	***18,000***	ppm
1831	Methanesulfonic acid	75-75-2	2.2	24	140	mg/m^3
1832	Methanesulfonic acid, ethyl ester; (Ethyl methanesulfonate)	62-50-0	0.2	2.2	140	mg/m^3
1833	**Methanesulfonyl chloride**	**124-63-0**	0.19	**2.1**	**6.2**	ppm
1834	Methanesulfonyl fluoride	558-25-8	0.32	3.5	3.5	ppm
1835	Methidathion; (O,O-Dimethyl-S-(5-methoxy-1,3,4-thiadiazolinyl-3-methyl)dithiophosphate)	950-37-8	1.8	20	160	mg/m^3
1836	Methiocarb; (Mercaptodimethur)	2032-65-7	1.4	15	15	mg/m^3
1837	Methomyl	16752-77-5	2.5	10	23	mg/m^3
1838	Methoxybenzaldehyde; (p-Anisaldehyde)	123-11-5	7.5	83	300	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1839	Methoxybenzyl alcohol, 4-	105-13-5	0.81	9	260	mg/m^3
1840	Methoxychlor	72-43-5	30	53	7,000	mg/m^3
1841	Methoxyethoxy)ethanol, 2-(2-; (Diethylene glycol monomethyl ether)	111-77-3	0.25	2.8	9.9	ppm
1842	Methoxyethylamine, 2-	109-85-3	0.43	4.7	28	ppm
1843	Methoxyethylmercuric acetate	151-38-2	0.048	16	16	mg/m^3
1844	Methoxyphenol, p-	150-76-5	15	18	320	mg/m^3
1845	Methoxypropylamine, 3-; (3-MPA)	5332-73-0	15	15	15	ppm
1846	Methoxytrimethylsilane	1825-61-2	0.5	2	5	ppm
1847	Methyl 2-cyanoacrylate; (Permabond 910 adhesive)	137-05-3	4	4	5.1	ppm
1848	Methyl 2-pyrrolidinone, 1-; (N-Methylpyrrolidone)	872-50-4	10	10	10	ppm
1849	Methyl acetate	79-20-9	250	250	***10,000***	ppm
1850	Methyl acetylene	74-99-7	1,000	1,000	***15,000***	ppm
1851	Methyl acetylene-propadiene mixture; (MAPP)	59355-75-8	1,250	***2,500***	***15,000***	ppm
1852	Methyl acrylate	96-33-3	6	170	1,000	ppm
1853	**Methyl alcohol; (Methanol)**	**67-56-1**	**530**	**2,100**	***7,200***	ppm
1854	Methyl alcohol-d	1455-13-6	530	2,100	***7,200***	ppm
1855	Methyl alcohol-d4	811-98-3	530	2,100	***7,200***	ppm
1856	Methyl benzoate; (Benzoic acid, methyl ester)	93-58-3	0.39	4.3	42	ppm
1857	**Methyl bromide; (Bromomethane)**	**74-83-9**	19	**210**	**740**	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1858	Methyl butylacrylate, 2-; (Butyl methacrylate)	97-88-1	0.93	10	1,300	mg/m^3
1859	**Methyl chloride**	**74-87-3**	100	**910**	***3,000***	ppm
1860	**Methyl chloroformate; (Methyl chlorocarbonate)**	**79-22-1**	0.2	**2.2**	**6.7**	ppm
1861	**Methyl chlorosilane; (Chloromethylsilane)**	**993-00-0**	**1.8**	**22**	**100**	ppm
1862	**Methyl cyclohexylfluorophosphonate; (GF)**	**329-99-7**	**0.0002**	**0.0024**	**0.018**	ppm
1863	Methyl demeton methyl; (Phosphorothioic acid, O,O-dimethyl-S-(2-methylthio)ethyl ester)	2587-90-8	1.8	20	20	mg/m^3
1864	**Methyl dichlorosilane; (Dichloromethylsilane)**	**75-54-7**	**0.9**	**11**	**50**	ppm
1865	Methyl difluorophosphite; (Methylphosphonic difluoride)	676-99-3	0.34	3.7	22	mg/m^3
1866	Methyl ether; (Dimethyl ether)	115-10-6	1,000	1,000	7,200	ppm
1867	Methyl ethyl ketone peroxide	1338-23-4	0.18	2	8.8	ppm
1868	Methyl fluoride; (Fluoromethane)	593-53-3	13	150	900	mg/m^3
1869	Methyl fluoroacetate	453-18-9	0.013	0.14	1.4	mg/m^3
1870	Methyl fluorosulfate	421-20-5	0.0021	0.023	0.14	ppm
1871	Methyl formate; (Formic acid, methyl ester)	107-31-3	150	830	5,000	ppm
1872	**Methyl iodide**	**74-88-4**	**25**	**50**	**125**	ppm
1873	Methyl isobutyl ketone; (Hexone)	108-10-1	75	75	3,000	ppm
1874	**Methyl isocyanate**	**624-83-9**	**0.025**	**0.067**	**0.2**	ppm
1875	Methyl isopropyl ketone; (3-Methyl-2-butanone)	563-80-4	37	37	220	ppm
1876	**Methyl isothiocyanate; (Isothiocyanatomethane)**	**556-61-6**	**0.8**	**23**	**70**	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1877	Methyl lithium	917-54-4	0.64	7.1	42	mg/m^3
1878	**Methyl mercaptan**	**74-93-1**	**0.005**	**47**	**68**	ppm
1879	Methyl mercury	22967-92-6	0.032	0.043	11	mg/m^3
1880	**Methyl methacrylate**	**80-62-6**	**17**	**120**	**570**	ppm
1881	Methyl n-amyl ketone	110-43-0	50	50	***4,000***	ppm
1882	Methyl nitrate; (Nitric acid, methyl ester)	598-58-3	0.85	9.4	56	ppm
1883	**Methyl nonafluorobutyl ether (40%) and Methyl nonafluoroisobutyl ether (60%) (ppm) (HFE-7100)**	**163702-07-6 163702-08-7**	**2500**	**8,200**	**15,000**	ppm
1884	**Methyl parathion**	**298-00-0**	0.11	**1.2**	**3.5**	mg/m^3
1885	Methyl phencapton	3735-23-7	1	11	44	mg/m^3
1886	Methyl phosphonic dichloride	676-97-1	0.13	1.4	6.2	mg/m^3
1887	Methyl phosphonothioic dichloride	676-98-2	1	11	67	mg/m^3
1888	Methyl pyridine, 3-; (3-Picoline)	108-99-6	5	45	270	ppm
1889	Methyl salicylate	119-36-8	0.0059	0.065	18	ppm
1890	Methyl sulfoxide-d6; (Dimethyl-d6-sulfoxide)	2206-27-1	250	250	900	ppm
1891	**Methyl tert-butyl ether; (MTBE)**	**1634-04-4**	**50**	**570**	**5,300**	ppm
1892	Methyl thiocyanate	556-64-9	2.6	28	28	ppm
1893	Methyl vinyl carbinol; (3-Buten-2-ol)	598-32-3	0.016	0.18	1.1	ppm
1894	**Methyl vinyl ketone; (3-Buten-2-one)**	**78-94-4**	**0.17**	**1.2**	**2.4**	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1895	Methyl-1-butene, 2-	563-46-2	***65,000***	***2.30E+05***	***4.00E+05***	ppm
1896	Methyl-1H-benzotriazole	29385-43-1	2	22	130	mg/m^3
1897	Methyl-1-phenyl-2-pyrazolin-5-one, 3-	89-25-8	11	120	690	mg/m^3
1898	Methyl-1-propanethiol, 1-; (sec-Butyl mercaptan; 2-Butanethiol)	513-53-1	0.33	3.7	22	ppm
1899	Methyl-1-propen-1-one, 2-; (Dimethylketene)	598-26-5	0.011	0.12	0.69	ppm
1900	Methyl-2-(1-methylethyl)phenol, 5-; (Thymol)	89-83-8	2.9	32	190	mg/m^3
1901	Methyl-2-butene, 2-	513-35-9	0.33	3.7	22	ppm
1902	Methyl-2-chloroacrylate	80-63-7	0.091	1	3.6	ppm
1903	Methyl-2-heptanone, 6-	928-68-7	30	330	2,000	mg/m^3
1904	Methyl-2-hexanone, 5-; (Methyl isoamyl ketone)	110-12-3	50	50	150	ppm
1905	Methyl-3-penten-2-one, 4-; (Mesityl oxide)	141-79-7	25	25	***5,000***	ppm
1906	Methyl-4-penten-2-one, 4-	3744-02-3	25	25	***1,400***	ppm
1907	Methyl-5-nitroaniline, 2-; (5-Nitro-o-toluidine; Benzenamine, 2-methyl-5-nitro-)	99-55-8	3	12	110	mg/m^3
1908	Methyl-5-vinylpyridine, 2-	140-76-1	0.17	1.9	6.6	mg/m^3
1909	Methyl-8-quinolinol, 2-	826-81-3	30	330	2,000	mg/m^3
1910	Methylal; (Dimethoxymethane)	109-87-5	1,000	1,000	15,000	ppm
1911	Methylamine hydrochloride	593-51-1	0.99	11	320	mg/m^3
1912	Methylamino)ethanol, 2-(	109-83-1	2.3	25	150	ppm
1913	Methylaniline, N-	100-61-8	0.5	0.5	100	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1914	Methylaziridine, 1-	1072-44-2	2	2	100	ppm
1915	Methylbutanamide, 3-; (Isovaleramide)	541-46-8	2.7	30	180	mg/m^3
1916	Methylbutylamine, N-	110-68-9	1.2	13	77	ppm
1917	Methylcellulose	9004-67-5	6.8	74	450	mg/m^3
1918	Methylchlorodisilane; (Chloromethyldisilane)	68937-17-7	0.067	0.73	4.4	ppm
1919	Methylcholanthrene, 3-	56-49-5	0.074	0.82	45	mg/m^3
1920	Methylcyclohexane	108-87-2	400	400	10,000	ppm
1921	Methylcyclohexanone	1331-22-2	1.6	17	100	ppm
1922	Methylcyclohexanone, 2-; (o-Methylcyclohexanone)	583-60-8	75	420	2,500	ppm
1923	Methylcyclopentane	96-37-7	0.77	8.5	850	ppm
1924	Methyldecane, 4-	2847-72-5	4.8	53	320	ppm
1925	**Methyldichloroarsine; (Dichloromethylarsine)**	**593-89-5**	0.053	**0.053**	**0.16**	mg/m^3
1926	Methylene bis(2-chloroaniline), 4,4'-; (MBOCA)	101-14-4	0.03	1.5	21	ppm
1927	Methylene bis(4-isocyanatocyclohexane), 1,1'-	5124-30-1	0.005	0.01	0.13	ppm
1928	**Methylene chloride; (Dichloromethane)**	**75-09-2**	**200**	**560**	**6,900**	ppm
1929	**Methylene diphenyl diisocyanate; (Diphenylmethane diisocyanate; MDI)**	**101-68-8**	0.45	**5**	**55**	mg/m^3
1930	Methylene fluoride; (Difluoromethane; HFC-32)	75-10-5	1,300	1,300	39,000	ppm
1931	Methylenebis(isocyanato-benzene), 1,1'-; (Diphenyl methane diisocyanate)	26447-40-5	40	40	240	mg/m^3
1932	Methylenebisacrylamide, N,N'-	110-26-9	0.23	2.6	77	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1933	Methylenedianiline, 4,4'-	101-77-9	0.1	0.23	2.4	ppm
1934	Methylethyl hydroperoxide, 1-; (Isopropyl hydroperoxide)	3031-75-2	0.42	4.6	27	mg/m^3
1935	Methylformamide, N-	123-39-7	0.93	10	220	ppm
1936	Methylfuran, 2-	534-22-5	0.37	4.1	22	ppm
1937	Methylheptane, 2-	592-27-8	300	385	5,000	ppm
1938	Methylheptane, 4-	589-53-7	300	385	***5,000***	ppm
1939	Methylhydrosiloxane (3-4%) + dimethylsiloxane (96-97%) copolymer	68037-59-2	30	330	2,000	mg/m^3
1940	Methylimidazole, 1-	616-47-7	2.3	25	150	mg/m^3
1941	Methylimidazole, 4-	822-36-6	3.7	41	150	mg/m^3
1942	Methyllactic acid ethyl ester, 2-; (Ethyl 2-hydroxyisobutyrate)	80-55-7	9.2	100	610	mg/m^3
1943	**Methyllactonitrile, 2-; (Acetone cyanohydrin)**	**75-86-5**	**2**	**7.1**	**15**	ppm
1944	Methylmagnesium bromide, 3.0 m in diethyl ether	75-16-1	0.067	0.73	4.4	ppm
1945	Methylmagnesium chlordie	676-58-4	1.2	13	79	mg/m^3
1946	Methylmercuric dicyanamide	502-39-6	0.045	15	15	mg/m^3
1947	Methylmorpholine, 4-	109-02-4	1.2	13	77	ppm
1948	Methylnaphthalene, 1-	90-12-0	20	20	360	mg/m^3
1949	Methylnaphthalene, 2-	91-57-6	3	3	320	mg/m^3
1950	Methylnitrosopiperidine, 3-; (Piperidine, 3-methyl-1-nitroso-)	13603-07-1	0.01	0.11	0.67	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1951	Methylnonane, 4-	17301-94-9	0.37	4	24	ppm
1952	Methylpentane, 2-; (Isohexane)	107-83-5	510	510	3,100	ppm
1953	Methylpentane, 3-	96-14-0	510	510	***3,100***	ppm
1954	Methylpentanol-1, 2-; (Amyl methyl alcohol)	105-30-6	0.016	0.18	67	ppm
1955	Methylphenol, 2-; (o-Cresol)	95-48-7	4.5	25	250	ppm
1956	Methylphenol, 3-; (m-Cresol)	108-39-4	4.52	25	250	ppm
1957	Methylphenol, 4-; (p-Cresol)	106-44-5	4.52	25	250	ppm
1958	Methylphenylthiourea, 2-; (o-Tolyl thiourea)	614-78-8	4.5	50	50	mg/m^3
1959	Methylphosphonate	993-13-5	30	330	2,000	mg/m^3
1960	Methylphosphonothioic acid, O-(4-nitrophenyl) O-phenyl ester	2665-30-7	0.73	8	8	mg/m^3
1961	Methylphosphonothioic acid-, O-ethyl O-(4-(methylthio)phenyl) ester	2703-13-1	0.91	10	10	mg/m^3
1962	Methylphosphonothioic acid, S-(2-(dimethylamino)ethyl) O-ethyl ester	20820-80-8	7.40E-05	8.10E-04	0.0049	ppm
1963	Methylpropane, 2-; (Isobutane)	75-28-5	800	800	4,000	ppm
1964	Methylpropene, 2-; (Isobutene)	115-11-7	750	***1,800***	***11,000***	ppm
1965	Methylpropylnitrosoamine; (N-Methyl-N-nitroso-1-propanamine)	924-46-9	0.0018	0.019	1	ppm
1966	Methylpyridine, 2-; (2-Picoline)	109-06-8	5	5	83	ppm
1967	Methylpyrrole, N-	96-54-8	60	660	4,000	mg/m^3
1968	Methylpyrrolidine; (Methylpyrrolidine, 1-)	120-94-5	0.58	6.4	39	mg/m^3
1969	Methylstyrene, alpha-	98-83-9	100	100	5,000	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1970	Methyltetrahydrofuran, 2-	96-47-9	4	44	260	ppm
1971	Methyltriacetoxysilane	4253-34-3	6.2	68	410	mg/m^3
1972	**Methyltrichlorosilane; (Trichloromethyl silane)**	**75-79-6**	**0.6**	**7.3**	**33**	ppm
1973	Methyltriethoxysilane	2031-67-6	3	33	200	ppm
1974	Methyl-trifluoromethanesulfonate	333-27-7	22	230	1,400	mg/m^3
1975	Methyltrimethoxysilane	1185-55-3	38	410	2,500	mg/m^3
1976	Methyltrioctylammonium chloride	5137-55-3	0.67	7.4	44	mg/m^3
1977	**Methylvinyldichlorosilane; (Dichloromethylvinylsilane)**	**124-70-9**	**0.9**	**11**	**50**	ppm
1978	Methylvinylsiloxane-dimethylsiloxane copolymer, vinyl terminated	68083-18-1	30	330	2,000	mg/m^3
1979	Metolcarb; (Methylcarbamic acid m-tolyl ester)	1129-41-5	0.44	4.8	21	mg/m^3
1980	Mevinphos; (Phosdrin)	7786-34-7	0.3	4	36.6	mg/m^3
1981	Mexacarbate; (4-(Dimethylamine)-3,5-xylyl N-methylcarbamate)	315-18-4	1.3	14	14	mg/m^3
1982	Mica; (mica silicates)	12001-26-2	9	99	590	mg/m^3
1983	Michler's ketone; (4,4'-Bis(dimethylamino)benzophenone)	90-94-8	0.2	2.2	14	mg/m^3
1984	Mineral fibers, fine	z-0032	30	330	2,000	mg/m^3
1985	Mineral oil, heavy or light; (Paraffin oil; Deobase, deodorized)	8020-83-5	15	190	8,900	mg/m^3
1986	Mineral oil, petroleum distillates, heavy naphthenic	64741-53-3	5	5	23	mg/m^3
1987	Mineral oil, petroleum distillates, solvent refined light naphthenic	64741-97-5	15	340	2,000	mg/m^3
1988	Mineral oil, petroleum distillates, solvent-refined (mild) heavy paraffinic	64741-88-4	15	170	990	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1989	Mineral oil, white	8042-47-5	15	82	490	mg/m^3
1990	Mineral oil; (Oil mist, mineral)	8012-95-1	10	10	2,400	mg/m^3
1991	Mirex; (Perchloropentacyclodecane)	2385-85-5	0.018	0.2	47	mg/m^3
1992	Mitomycin C	50-07-7	2.1	23	23	mg/m^3
1993	Molecular sieve 13X	63231-69-6	6	66	400	mg/m^3
1994	Molybdate orange	12656-85-8	8.9	98	590	mg/m^3
1995	Molybdenum	7439-98-7	10	10	17	mg/m^3
1996	Molybdenum carbide	12011-97-1	11	11	51	mg/m^3
1997	Molybdenum dioxide	18868-43-4	1.1	1.1	6.9	mg/m^3
1998	Molybdenum disilicide	12136-78-6	48	530	3,200	mg/m^3
1999	Molybdenum hexacarbonyl	13939-06-5	83	920	5,500	mg/m^3
2000	Molybdenum pentachloride	10241-05-1	4.3	150	880	mg/m^3
2001	Molybdenum trioxide	1313-27-5	0.75	0.75	25	mg/m^3
2002	Molybdenum(IV) sulfide	1317-33-5	50	66	400	mg/m^3
2003	Molybdic acid	7782-91-4	2.5	28	170	mg/m^3
2004	Molybdic acid, ammonium salt; (Ammonium molibdate)	11098-84-3	3.5	82	2,700	mg/m^3
2005	Molybdic acid, disodium salt; (Disodium molybdate)	7631-95-0	1.1	1.1	230	mg/m^3
2006	Molybdic acid, hexaammonium salt; (Ammonium heptamolybdate)	12027-67-7	2.6	29	170	mg/m^3
2007	Molybdophosphoric acid	12026-57-2	2.4	26	160	mg/m^3

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Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2008	Molybdophosphoric acid hydrate; (Phosphomolybdic acid hydrate)	51429-74-4	2.4	27	160	mg/m^3
2009	Monobutyl phosphite	16456-56-7	2.7	30	180	mg/m^3
2010	Monochloroamine; (Chloramide)	10599-90-3	0.0095	0.1	0.63	ppm
2011	Monochloropentafluoroethane; (CFC-115)	76-15-3	3,000	5,700	34,000	ppm
2012	Monocrotophos	6923-22-4	0.057	0.63	2.8	mg/m^3
2013	**Monomethylamine; (Methylamine)**	**74-89-5**	**15**	**64**	**350**	ppm
2014	**Monomethylhydrazine; (Methyl hydrazine)**	**60-34-4**	0.2	**0.9**	**2.7**	ppm
2015	Monosodium titanate	60704-88-3	30	330	2,000	mg/m^3
2016	Montmorillonite	1318-93-0	0.21	2.3	14	mg/m^3
2017	Morpholine	110-91-8	30	30	8,000	ppm
2018	Morpholinepropanesulfonic acid, 4-	1132-61-2	0.69	7.6	46	mg/m^3
2019	Morpholino)ethanesulfonic acid monohydrate, 2-(N-	4432-31-9	0.69	7.6	46	mg/m^3
2020	Muscimol; (5-Aminomethyl-3-isoxyzole)	2763-96-4	1.5	17	17	mg/m^3
2021	Mustard gas sulfoxide; (bis(2-Chloroethyl)sulfoxide)	5819-08-9	0.085	0.93	5.6	mg/m^3
2022	Myoglobins	9008-45-1	30	330	2,000	mg/m^3
2023	Myristic acid, butyl ester; (Tetradecanoic acid, butyl ester)	110-36-1	2.1	23	140	ppm
2024	Myristic acid, isopropyl ester; (Tetradecanoic acid, isopropyl; Isopropyl myristate)	110-27-0	81	900	***5,400***	mg/m^3
2025	Nabumetone; (Relafen; 4-(6-Methoxy-2-naphthyl)-2-butanone)	42924-53-8	0.57	6.3	770	mg/m^3
2026	Nadic methyl anhydride	25134-21-8	0.44	4.8	29	mg/m^3

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Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2027	Naphtha (coal tar); (Naphtha [petroleum] light aliphatic; Aliphatic naphtha)	8030-30-6	300	1,700	10,000	ppm
2028	Naphtha (petroleum), heavy catalytic cracked	64741-54-4	2.7	29	220	mg/m^3
2029	Naphtha (petroleum), light straight-run	64741-46-4	300	1,700	10,000	ppm
2030	Naphtha, heavy aliphatic solvent	64742-96-7	2.6	29	220	mg/m^3
2031	Naphtha, hydrotreated heavy; (Isopar L-rev 2)	64742-48-9	171	171	570	ppm
2032	Naphthalenamine, 1-; (1-Naphthylamine)	134-32-7	0.21	2.3	150	mg/m^3
2033	Naphthalene	91-20-3	15	15	500	ppm
2034	Naphthaleneacetamide, 1-	86-86-2	5.1	56	330	mg/m^3
2035	Naphthalenetrisulfonic acid sodium salt, 1,3,6-	19437-42-4	30	330	2,000	mg/m^3
2036	Naphthenic acid, lead salt	61790-14-5	15	170	1,000	mg/m^3
2037	Naphthol, 1-	90-15-3	8.7	96	370	mg/m^3
2038	Naphthol, 2-	135-19-3	1.5	16	390	mg/m^3
2039	Naphthol-8-sulfonic acid, sodium salt, 2-	832-85-9	0.85	9.3	56	mg/m^3
2040	Naphthoquinone, 1,4-	130-15-4	1.5	16	38	mg/m^3
2041	Naphthylamine, beta-	91-59-8	0.32	3.5	140	mg/m^3
2042	Naphthylthiourea, alpha-; (ANTU)	86-88-4	0.91	10	100	mg/m^3
2043	Neatsfoot oil; (Fats and glyceridic oils)	8002-64-0	30	330	2,000	mg/m^3
2044	Neodecanoic acid	26896-20-8	6	66	400	mg/m^3
2045	Neodecanoic acid, calcium salt; (Calcium neodecanoate)	27253-33-4	6	66	400	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2046	Neodymium	7440-00-8	30	330	2,000	mg/m^3
2047	Neodymium bromide	13536-80-6	5	10	160	mg/m^3
2048	Neodymium fluoride	13709-42-7	26	300	1,800	mg/m^3
2049	Neodymium hydroxide	16469-17-3	0.75	2	75	mg/m^3
2050	Neodymium nitrate	10045-95-1	6.2	68	410	mg/m^3
2051	Neodymium nitrate, pentahydrate	14517-29-4	30	330	2,000	mg/m^3
2052	Neodymium nitrite	z-0033	0.1	0.75	75	mg/m^3
2053	Neodymium(III) chloride	10024-93-8	0.9	9.9	59	mg/m^3
2054	Neodymium(III) oxide	1313-97-9	15	170	990	mg/m^3
2055	Neon	7440-01-9	65,000	2.30E+05	4.00E+05	ppm
2056	Nickel	7440-02-0	4.5	50	99	mg/m^3
2057	Nickel acetate tetrahydrate	6018-89-9	12	12	69	mg/m^3
2058	Nickel aluminide	12003-78-0	0.81	8.9	53	mg/m^3
2059	Nickel carbonate hydroxide; (Basic nickel carbonate tetrahydrate)	39430-27-8	1.3	28	170	mg/m^3
2060	Nickel carbonate hydroxide; (Basic nickel(II) carbonate)	12607-70-4	1	12	69	mg/m^3
2061	**Nickel carbonyl**	**13463-39-3**	0.036	**0.036**	**0.16**	ppm
2062	Nickel chloride; (Nickelous chloride)	7718-54-9	0.22	0.22	21	mg/m^3
2063	Nickel cyanide	557-19-7	1.1	13	75	mg/m^3
2064	Nickel fluoride	13940-83-5	1.7	19	110	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2065	Nickel formate	3349-06-2	7.6	83	500	mg/m^3
2066	Nickel oxalate (liquids)	6018-94-6a	0.75	8.3	50	mg/m^3
2067	Nickel oxalate (solids)	6018-94-6b	1.9	20	120	mg/m^3
2068	Nickel oxide; (Nickel(II) oxide)	1313-99-1	0.76	0.77	1.1	mg/m^3
2069	Nickel perchlorate	13637-71-3	3.7	40	240	mg/m^3
2070	Nickel sulfamate; (Nickel(II) sulfamate)	13770-89-3	1.3	19	110	mg/m^3
2071	Nickel sulfate hexahydrate; (Nickel(II) sulfate hexahydrate)	10101-97-0	1.3	2.2	54	mg/m^3
2072	Nickel sulfate; (Nickel(II) sulfate)	7786-81-4	0.26	0.26	13	mg/m^3
2073	Nickel(2+) stearate	2223-95-2	32	360	2,200	mg/m^3
2074	Nickel(II) bromide	13462-88-9	1.1	12	73	mg/m^3
2075	Nickel(II) carbonate (1:1)	3333-67-3	0.59	0.59	3.5	mg/m^3
2076	Nickel(II) chloride hexahydrate	7791-20-0	1.2	11	21	mg/m^3
2077	Nickel(II) hydroxide; (Nickelous hydroxide)	12054-48-7	0.071	8.8	53	mg/m^3
2078	Nickel(II) nitrate hexahydrate	13478-00-7	1.5	53	320	mg/m^3
2079	Nickel(II) nitrate; (Nickelous nitrate)	13138-45-9	0.6	0.6	1.3	mg/m^3
2080	Nickel(II) nitrite	17861-62-0	0.3	3.3	20	mg/m^3
2081	Nickel(II) phosphate	10381-36-9	0.6	6.6	40	mg/m^3
2082	Nickel(III) hydroxide; (Nickelic hydroxide)	12125-56-3	0.37	0.37	0.54	mg/m^3
2083	Nicotinamide	98-92-0	2	22	690	mg/m^3

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Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2084	Nicotine sulfate	65-30-5	0.82	9	9	mg/m^3
2085	Nicotine, dl-beta-; (DL-Nicotine)	22083-74-5	0.56	6.2	37	mg/m^3
2086	Nicotine; (Pyridine, (S)-3-(1-methyl-2-pyrrolidinyl)-)	54-11-5	0.5	3.5	35	mg/m^3
2087	Nicotinic acid; (Niacin)	59-67-6	0.57	6.2	1,400	mg/m^3
2088	Niobium	7440-03-1	30	330	2,000	mg/m^3
2089	Niobium chloride	10026-12-7	4.2	46	280	mg/m^3
2090	Niobium pentoxide; (Niobium(V) oxide)	1313-96-8	0.93	10	430	mg/m^3
2091	Niobium(IV) carbide	12069-94-2	30	330	2,000	mg/m^3
2092	Nitrapyrin; (2-Chloro-6-(trichloromethyl)pyridine)	1929-82-4	20	20	190	mg/m^3
2093	Nitrate(s)	14797-55-8	30	330	2,000	mg/m^3
2094	**Nitric acid**	**7697-37-2**	**0.53**	**24**	**92**	ppm
2095	Nitric acid, butyl ester; (Butyl nitrate)	928-45-0	6.1619	68	410	ppm
2096	Nitric acid, ethyl ester; (Ethyl nitrate)	625-58-1	0.59	6.5	39	ppm
2097	Nitric acid, pentyl ester; (Amyl nitrate)	1002-16-0	1.3	15	89	ppm
2098	**Nitric oxide**	**10102-43-9**	**0.5**	**12**	**20**	ppm
2099	Nitrilotriacetic acid, disodium salt; (Disodium nitrilotriacetate)	15467-20-6	4.4	48	290	mg/m^3
2100	Nitrilotriacetic acid, trisodium salt, monohydrate	18662-53-8	9.2	100	110	mg/m^3
2101	Nitrilotriacetic acid; (Aminotriacetic acid)	139-13-9	6.1	67	220	mg/m^3
2102	Nitrilotris(methylene)trisphosphonic acid; (Amino, tris[methylene phosphonic acid])	6419-19-8	10	10	420	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2103	Nitroaniline, 2-; (o-Nitroaniline)	88-74-4	4.8	53	320	mg/m^3
2104	Nitroaniline, 3-; (m-Nitroaniline)	99-09-2	0.11	1.2	110	mg/m^3
2105	Nitroaniline, p-	100-01-6	9	13	300	mg/m^3
2106	Nitrobenzene	98-95-3	1.8	20	200	ppm
2107	Nitrobenzenesulfonic acid, sodium salt, 3-	127-68-4	33	360	2,200	mg/m^3
2108	Nitrobiphenyl, 4-; (p-Nitrobiphenyl)	92-93-3	0.15	1.6	440	mg/m^3
2109	Nitrochlorobenzene, m-; (1-Chloro-3-nitrobenzene; m-Chloronitrobenzene)	121-73-3	0.9	9.9	59	mg/m^3
2110	Nitrocyclohexane	1122-60-7	0.14	1.5	6.6	mg/m^3
2111	Nitrocyclohexene, 1-; (1-Nitrocyclohex-1-ene)	2562-37-0	1	7.5	40	ppm
2112	Nitrodiphenylamine, 2-	119-75-5	24	260	1,600	mg/m^3
2113	Nitroethane	79-24-3	170	170	1,000	ppm
2114	Nitrogen	7727-37-9	***7.96E+05***	***8.32E+05***	***8.69E+05***	ppm
2115	**Nitrogen dioxide**	**10102-44-0**	**0.5**	**12**	**20**	ppm
2116	Nitrogen mustard hydrochloride	55-86-7	0.15	1.6	2	mg/m^3
2117	**Nitrogen mustard; (Bis(b-chloroethyl)methylamine; Nitrogen mustard-2)**	**51-75-2**	0.002	**0.022**	**0.37**	mg/m^3
2118	**Nitrogen tetroxide**	**10544-72-6**	**0.94**	**23**	**38**	mg/m^3
2119	**Nitrogen trifluoride**	**7783-54-2**	**200**	**530**	**860**	ppm
2120	Nitrogen trioxide; (Dinitrogen trioxide)	10544-73-7	0.32	3.5	21	ppm

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No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2121	Nitroglycerin	55-63-0	0.1	2	500	mg/m^3
2122	Nitromethane	75-52-5	38	38	1,000	ppm
2123	Nitromethane-d3; (Trideuteronitromethane)	13031-32-8	38	38	1,000	ppm
2124	Nitro-m-xylene, 2-; (1,3-Dimethyl-2-nitrobenzene)	81-20-9	7.9	86	520	mg/m^3
2125	Nitronium Tetrafluoroborate	13826-86-3	13	150	870	mg/m^3
2126	Nitrophenol (mixed isomers)	25154-55-6	1.2	13	40	mg/m^3
2127	Nitrophenol, 2-; (o-Nitrophenol)	88-75-5	1	11	66	mg/m^3
2128	Nitrophenol, 3-; (m-Nitrophenol)	554-84-7	0.98	11	65	mg/m^3
2129	Nitrophenol, 4-; (p-Nitrophenol)	100-02-7	1.2	13	40	mg/m^3
2130	Nitropropane, 1-	108-03-2	25	25	2,300	ppm
2131	Nitropropane, 2-	79-46-9	10	10	***2,300***	ppm
2132	Nitropyrene, 1-	5522-43-0	0.0012	0.013	0.077	mg/m^3
2133	Nitropyridine-N-oxide, 4-; (Pyridine, 4-nitro, 1-oxide)	1124-33-0	7.3	80	80	mg/m^3
2134	Nitrosodimethylamine	62-75-9	1.7	19	19	mg/m^3
2135	Nitrosodiphenylamine, p-	156-10-5	0.019	0.2	39	mg/m^3
2136	Nitrosodipropylamine; (DPNA)	621-64-7	2	22	95	mg/m^3
2137	Nitrosomorpholine	59-89-2	0.074	0.82	4.1	mg/m^3
2138	Nitroso-N-methylurea, N-	684-93-5	0.74	8.2	22	mg/m^3
2139	Nitrosophenol, p-	104-91-6	1.7	19	110	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2140	Nitrosotoluene, 2-; (o-Nitrosotoluene)	611-23-4	1.5	16	99	mg/m^3
2141	Nitrosyl chloride	2696-92-6	0.012	0.14	0.81	ppm
2142	Nitrosylsulfuric acid	7782-78-7	1.2	13	79	mg/m^3
2143	Nitrotoluene, m-	99-08-1	5	5	200	ppm
2144	Nitrotoluene, o-	88-72-2	2	2	200	ppm
2145	Nitrotoluene, p-	99-99-0	3.6	3.6	200	ppm
2146	Nitrous acid	7782-77-6	1.4	62	240	mg/m^3
2147	Nitrous oxide	10024-97-2	910	10,000	20,000	ppm
2148	Nonacosane	630-03-5	30	330	2,000	mg/m^3
2149	Nonanal	124-19-6	0.31	3.4	370	mg/m^3
2150	Nonane; (Shellsol 140)	111-84-2	200	200	200	ppm
2151	Nonanenitrile; (1-Octyl cyanide)	2243-27-8	45	45	270	ppm
2152	Nonanoic acid	112-05-0	20	220	1,300	mg/m^3
2153	Nonanone, 2-	821-55-6	0.18	2	30	ppm
2154	Nonene, 1-	124-11-8	0.33	3.7	22	ppm
2155	Nonoxynol-4	7311-27-5	30	330	2,000	mg/m^3
2156	Nonyl alcohol	143-08-8	0.37	4	190	mg/m^3
2157	Nonyl phenol (mixed isomers)	25154-52-3	0.89	9.8	110	mg/m^3
2158	Nonyl phenol, 4- (branched)	84852-15-3	0.074	0.82	260	mg/m^3

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Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2159	Nonyl phenol, p-	104-40-5	1.5	16	320	mg/m^3
2160	Nonylphenol, 4-, branched, ethoxylated	127087-87-0	1.9	20	120	mg/m^3
2161	Nonylphenoxypolyethoxyethanol	68412-54-4	30	330	2,000	mg/m^3
2162	**Nonyltrichlorosilane**	**5283-67-0**	**0.6**	**7.3**	**33**	ppm
2163	Norbormide	991-42-4	0.35	3.8	3.8	mg/m^3
2164	Norchlorofluoroepibatidine	z-0034	7.40E-06	8.20E-05	5.90E-04	mg/m^3
2165	Octachlorodibenzodioxin, 1,2,3,4,6,7,8,9-; (OCDD, Octachlorodibenzo-p-dioxin)	3268-87-9	0.003	0.033	0.2	mg/m^3
2166	Octachlorodibenzofuran, 1,2,3,4,6,7,8,9-	39001-02-0	0.075	0.83	5	mg/m^3
2167	Octachloronaphthalene	2234-13-1	0.3	3.3	20	mg/m^3
2168	Octacosane	630-02-4	21	110	660	ppm
2169	Octadecane, n-	593-45-3	33	170	1,000	ppm
2170	Octadecanoic acid, n-; (Stearic acid)	57-11-4	0.13	1.4	8.5	mg/m^3
2171	Octadecanol, 1-	112-92-5	0.18	2	360	ppm
2172	Octadecenoic acid, 9-; (Oleic acid)	112-80-1	220	2,400	***15,000***	mg/m^3
2173	Octadecyl methacrylate	32360-05-7	30	330	2,000	mg/m^3
2174	**Octadecyltrichlorosilane**	**112-04-9**	**0.6**	**7.3**	**33**	ppm
2175	Octafluorocyclobutane; (Cyclooctafluorobutane; Freon C-318)	115-25-3	210	2,400	23,000	ppm
2176	Octamethylcyclotetrasiloxane	556-67-2	0.7	7.7	130	ppm
2177	Octamethyldiphosphoramide; (Octamethylpyrophosphoramide)	152-16-9	0.073	0.8	0.8	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2178	Octanal, 1-; (Octanal; Octanaldehyde)	124-13-0	17	190	1,100	mg/m^3
2179	Octanamine, 1-	111-86-4	0.31	3.4	20	mg/m^3
2180	Octane, n-	111-65-9	300	385	5,000	ppm
2181	Octanedione, 2,5-	3214-41-3	3.9	43	260	mg/m^3
2182	Octanenitrile	124-12-9	0.57	6.2	37	ppm
2183	Octanethiol, 1-	111-88-6	0.045	0.5	66	ppm
2184	Octanoic acid; (Caprylic acid)	124-07-2	30	330	2,000	mg/m^3
2185	Octanol, 2-	123-96-6	0.29	3.2	470	mg/m^3
2186	Octanone, 2-	111-13-7	200	220	560	mg/m^3
2187	Octaphenylcyclotetrasiloxane	546-56-5	14	150	920	mg/m^3
2188	**Octene, 1-**	**111-66-0**	**40**	**800**	**2,000**	ppm
2189	**Octyl alcohol; (n-Octanol)**	**111-87-5**	**5**	**20**	**150**	ppm
2190	**Octyl mercaptan, t-**	**141-59-3**	0.055	**0.6**	**1.8**	ppm
2191	Octyl(phenyl)-N,N-diisobutylcarbamoylmethylphosphine oxide	83242-95-9	30	330	2,000	mg/m^3
2192	**Octyltrichlorosilane**	**5283-66-9**	**0.6**	**7.3**	**33**	ppm
2193	Oil gas; (Oil fog)	z-0035	6	66	860	ppm
2194	**Oleum; (fuming Sulfuric acid)**	**8014-95-7**	**0.2**	**8.7**	**160**	mg/m^3
2195	Organorhodium complex	z-0036	0.8	0.8	3.5	mg/m^3
2196	Orthoformic acid, trimethyl ester; (Trimethyl orthoformate)	149-73-5	0.067	0.73	4.4	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2197	Osmium	7440-04-2	0.44	4.8	29	mg/m^3
2198	**Osmium tetroxide**	**20816-12-0**	6.00E-04	**0.0084**	**4**	ppm
2199	**Otto Fuel (mainly Propylene glycol dinitrate 6423-43-4)**	**106602-80-6**	**0.17**	**1**	**13**	ppm
2200	Ouabain	630-60-4	0.75	8.3	8.3	mg/m^3
2201	Oxalic acid dihydrate	6153-56-6	1	12	74	mg/m^3
2202	Oxalic acid, anhydrous; (Ethanedioic acid)	144-62-7	2	7.4	500	mg/m^3
2203	Oxalyl chlorine	79-37-8	0.77	8.5	51	ppm
2204	Oxamide	471-46-5	1.3	15	89	mg/m^3
2205	Oxamyl	23135-22-0	0.15	1.7	4.7	mg/m^3
2206	Oxathiane, 1,4-	15980-15-1	2.3	26	150	ppm
2207	Oxirane, ethenyl-; (3,4-Epoxy-1-butene)	930-22-3	0.24	2.7	23	ppm
2208	Oxone, monopersulfate compound	37222-66-5	30	330	2,000	mg/m^3
2209	Oxybis(N,N-dimethylethanamine), 2,2'-; (Bis(2-dimethylaminoethyl) ether; DMAEE)	3033-62-3	0.15	1.7	5.9	ppm
2210	Oxydiacetic acid; (Oxodiacetic acid)	110-99-6	1.5	17	99	mg/m^3
2211	Oxydiethylenedicarbonic acid, diallyl ester	142-22-3	0.5	5.5	53	mg/m^3
2212	Oxydiphenoxarsine, 10,10'-; (Phenoxarsine oxide)	58-36-6	1.7	14	14	mg/m^3
2213	Oxydisulfoton	2497-07-6	0.32	3.5	3.5	mg/m^3
2214	**Oxygen difluoride; (Fluorine monoxide)**	**7783-41-7**	0.075	**0.83**	**2.5**	ppm
2215	Ozone	10028-15-6	0.091	1	10	ppm

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No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2216	Palladium	7440-05-3	0.093	1	6.1	mg/m^3
2217	Palladium chloride	7647-10-1	8.1	89	540	mg/m^3
2218	Palladium hydroxide	12135-22-7	0.3	2.5	75	mg/m^3
2219	Palladium nitrate	10102-05-3	30	330	2,000	mg/m3
2220	Palladium oxide	1314-08-5	15	160	970	mg/m3
2221	Paraffin waxes, petroleum, clay-treated, reaction products with petroleum white mineral oil, stearic acid and triethanolamine	71808-29-2	30	330	2,000	mg/m^3
2222	Paraffin, n-	8002-74-2	4.9	4.9	29	mg/m^3
2223	Paraffins, petroleum, normal C5-C20	64771-72-8	900	9,900	59,000	ppm
2224	Paraformaldehyde	30525-89-4	0.74	8.2	47	mg/m^3
2225	Paraldehyde	123-63-7	5.6	62	180	mg/m^3
2226	Paraquat	4685-14-7	0.1	0.1	1.5	mg/m^3
2227	Paraquat dichloride	1910-42-5	0.1	0.15	1	mg/m^3
2228	Paraquat methosulfate; (Paraquat dimethyl sulphate)	2074-50-2	0.014	0.15	20	mg/m^3
2229	**Parathion**	**56-38-2**	0.14	**1.5**	**2**	mg/m^3
2230	Paris Green; (Cupric acetoarsenite)	12002-03-8	2	22	22	mg/m^3
2231	Particulate material (PNOS)	z-0037	30	330	2,000	mg/m^3
2232	PBX (mixture of HMX and nitrocellulose [CTN])	z-0038	2.9	3	500	mg/m^3
2233	**Pentaborane**	**19624-22-7**	0.015	**0.14**	**0.7**	ppm
2234	Pentachlorobenzene	608-93-5	1.6	18	220	mg/m^3

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No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2235	Pentachlorodibenzofuran, 1,2,3,7,8-	57117-41-6	2.40E-04	0.0027	0.016	mg/m^3
2236	Pentachlorodibenzofuran, 2,3,4,7,8-	57117-31-4	7.40E-05	8.20E-04	0.18	mg/m^3
2237	Pentachlorodibenzo-p-dioxin, 1,2,3,7,8-	40321-76-4	1.00E-04	0.0011	0.041	mg/m^3
2238	Pentachloroethane	76-01-7	320	3,500	3,500	mg/m^3
2239	Pentachloronitrobenzene	82-68-8	1.5	10	62	mg/m^3
2240	Pentachlorophenol	87-86-5	1.4	15	150	mg/m^3
2241	Pentadecafluorooctanoic acid	335-67-1	0.015	16	75	mg/m^3
2242	Pentadecane	629-62-9	1.3	15	87	ppm
2243	Pentadecanoic acid	1002-84-2	0.018	0.2	1.2	ppm
2244	Pentadecylamine	2570-26-5	0.18	2	40	mg/m^3
2245	Pentaerythritol	115-77-5	30	81	490	mg/m^3
2246	Pentaerythritol tetra(3-mercaptopropionate), reaction products with 2-(hydroxymethyl)-2-((3-mercapto-1-oxopropoxy)methyl)-1,3-propanediyl bis(3-mercaptopropanoate) and 1-octene	95823-35-1	30	330	2,000	mg/m^3
2247	Pentaerythritol tetranitrate	78-11-5	0.44	4.8	330	mg/m^3
2248	Pentafluorobenzoic acid	602-94-8	0.58	6.4	39	mg/m^3
2249	Pentafluoropropane, 1,1,1,3,3-	460-73-1	900	1,300	4,600	ppm
2250	Pentane, n-	109-66-0	120	610	15,000	ppm
2251	Pentanediol, 1,5-	111-29-5	6	66	400	mg/m^3
2252	Pentanedione, 2,4-; (Acetylacetone)	123-54-6	25	25	39	ppm

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No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2253	Pentanenitrile	110-59-8	0.21	2.3	6.1	ppm
2254	Pentanol, 2-; (sec-Amyl alcohol; Methyl propyl carbinol; Isoamyl alcohol, secondary)	6032-29-7	60	1,700	10,000	ppm
2255	Pentanone, 2-; (Methyl propyl ketone)	107-87-9	150	150	***5,000***	ppm
2256	Pentanone, 3-; (Diethyl ketone)	96-22-0	300	300	310	ppm
2257	Pentatriacontane	630-07-9	30	330	2,000	mg/m^3
2258	Pentene, 1-	109-67-1	19	210	7,700	ppm
2259	Pentobarbital sodium; (Nembutal sodium)	57-33-0	0.13	1.4	23	mg/m^3
2260	Pentyl alcohol, tert-; (tert-Amyl alcohol)	75-85-4	3.5	38	67	ppm
2261	Peptone; (Hydrolized protein, Tryptones)	73049-73-7	30	330	2,000	mg/m^3
2262	**Peracetic acid**	**79-21-0**	**0.52**	**1.6**	**15**	mg/m^3
2263	Perboric acid, sodium salt	7632-04-4	8	88	530	mg/m^3
2264	Perchloric acid	7601-90-3	0.61	6.7	40	ppm
2265	Perchloric acid, zinc salt, hexahydrate	10025-64-6	0.51	5.7	34	mg/m^3
2266	**Perchloroethylene; (Tetrachloroethylene)**	**127-18-4**	**35**	**230**	**1,200**	ppm
2267	**Perchloromethyl mercaptan**	**594-42-3**	**0.013**	**0.3**	**0.9**	ppm
2268	**Perchloryl fluoride; (Chlorine oxyfluoride)**	**7616-94-6**	**1.5**	**4**	**12**	ppm
2269	Percoll	65455-52-9	30	330	2,000	mg/m^3
2270	Perfluoro compounds, C5-C18; (Fluorinert electronic liquid perfluoro compounds)	86508-42-1	2.1	23	1,800	ppm
2271	Perfluoroalkylether polymer; (Capped homopolymers of hexafluoropropylene epoxide, Fluorine End-)	60164-51-4	60	660	4,000	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2272	**Perfluoroisobutylene; (Octafluoro-sec-butene)**	**382-21-8**	0.01	**0.11**	**0.33**	ppm
2273	Perfluoropolyether; (1,1,2,3,3,3-Hexafluoro-1-propene, oxidized, polymerized; Vacuum pump oil)	69991-67-9	6.7	73	440	mg/m^3
2274	Periodic acid	10450-60-9	1.8	1.8	26	mg/m^3
2275	Periodic acid, sodium salt	7790-28-5	0.19	2.1	13	mg/m^3
2276	Perlite; (Fused NaKAl silicate, < 1% quartz)	93763-70-3	45	230	1,400	mg/m^3
2277	Permafluor E+	z-0039	150	500	500	mg/m^3
2278	Permafluor-V (85+% toluene)	z-0040	200	1,250	4,500	ppm
2279	Peroxydicarbonic acid, disodium salt	3313-92-6	3.4	37	220	mg/m^3
2280	Petrolatum	8009-03-8	2.5	28	11,000	mg/m^3
2281	Petroleum 50 thinner; (Paint thinner)	z-0041	5.5	61	370	ppm
2282	Petroleum asphalt	8052-42-4b	0.5	5	30	mg/m^3
2283	Petroleum coke, calcined	64743-05-1	30	6,800	40,500	mg/m^3
2284	Petroleum distillates, clay-treated light naphthenic	64742-45-6	1.5	17	99	mg/m^3
2285	Petroleum distillates, low boiling	68477-31-6	350	1,800	40,500	mg/m^3
2286	Petroleum distillates; (Petroleum crude oil)	8002-05-9	87.5	450	10,000	ppm
2287	Petroleum mineral oil; (Extracts, petroleum, middle distillate solvent)	64742-06-9	30	1,700	10,000	mg/m^3
2288	Petroleum spirits; (Mineral spirits; Soltrol)	64475-85-0	3.6	40	240	ppm
2289	Petroleum spirits; (VM & P Naphtha, Ligroine, Paint solvent)	8032-32-4	75	400	400	ppm
2290	Phenacetin; (p-Acetophenetidide)	62-44-2	0.4	4.4	40	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2291	Phenaglycodol; (Ultran; 2-p-Chlorophenyl-3-methyl-2,3-butanediol)	79-93-6	2.5	27	160	mg/m^3
2292	Phenanthrene	85-01-8	0.76	8.3	360	mg/m^3
2293	Phenanthroline ferrous sulfate, 1,10-	14634-91-4	30	330	2,000	mg/m^3
2294	Phenanthroline, 1,10-	66-71-7	0.03	0.33	16	mg/m^3
2295	**Phenol**	**108-95-2**	**15**	**23**	**200**	ppm
2296	Phenol red, sodium salt	34487-61-1	6	66	400	mg/m^3
2297	Phenol, polymer with formaldehyde, oxiranylmethyl ether	28064-14-4	12	130	790	mg/m^3
2298	Phenolphthalein	77-09-8	0.58	6.3	200	mg/m^3
2299	Phenoxyethanol, 2-; (Phenyl cellosolve)	122-99-6	20	20	44	ppm
2300	**Phenyl Chloroformate; (Carbonochloridic acid, phenyl ester)**	**1885-14-9**	0.017	**0.19**	**0.57**	ppm
2301	**Phenyl dichloroarsine; (Dichlorophenylarsine)**	**696-28-6**	0.061	**0.061**	**0.18**	mg/m^3
2302	Phenyl ether; (Diphenyl ether)	101-84-8	2	16	96	ppm
2303	**Phenyl isocyanate**	**103-71-9**	**0.02**	**0.15**	**0.24**	ppm
2304	Phenyl sepharose cl-4b	69106-59-8	30	330	2,000	mg/m^3
2305	Phenyl-1,2-propanedione, 1-	579-07-7	0.4	4.5	27	mg/m^3
2306	Phenyl-2-oxazoline, 2-	7127-19-7	30	330	2,000	ppm
2307	Phenyl-2-propanol, 2-; (Dimethylphenylmethanol)	617-94-7	0.7	7.7	46	ppm
2308	Phenylacetylene; (Ethynylbenzene)	536-74-3	28	310	1,900	mg/m^3
2309	Phenylazo)aniline, p-(	60-09-3	0.048	0.53	43	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2310	Phenylboric acid; (Benzeneboronic acid)	98-80-6	2.2	24	150	mg/m^3
2311	Phenylcyclohexane; (Cyclohexylbenzene)	827-52-1	31	340	2,000	mg/m^3
2312	Phenylene diisocyanate, 1,4-	104-49-4	0.19	2.1	13	mg/m^3
2313	Phenylenediamine dihydrochloride, 1,2-	615-28-1	1.8	19	110	mg/m^3
2314	Phenylenediamine dihydrochloride, 1,4-	624-18-0	0.44	4.9	29	mg/m^3
2315	Phenylenediamine, 1,2-; (o-Phenylenediamine)	95-54-5	0.3	1.8	83	mg/m^3
2316	Phenylenediamine, 1,3-; (m-Phenylenediamine)	108-45-2	0.3	2	55	mg/m^3
2317	Phenylenediamine, p-	106-50-3	0.3	16	41	mg/m^3
2318	Phenylhydrazine	100-63-0	0.3	2.3	295	ppm
2319	Phenylhydrazine hydrochloride	59-88-1	23	250	250	mg/m^3
2320	Phenylmagnesium bromide	100-58-3	1.2	13	79	mg/m^3
2321	Phenylmercury acetate; (Acetoxyphenylmercury)	62-38-4	2	22	47	mg/m^3
2322	Phenylphenol, 2-	90-43-7	10	110	400	mg/m^3
2323	Phenylphosphine	638-21-1	0.0045	0.05	1.7	ppm
2324	Phenylpropanolamine hydrochloride; (Propadrine hydrochloride)	154-41-6	4.5	49	300	mg/m^3
2325	Phenylsilatrane	2097-19-0	0.091	1	1	mg/m^3
2326	Phenylthiourea; (1-Phenyl-2-thiourea)	103-85-5	0.27	3	3	mg/m^3
2327	Phenyltriethoxysilane	780-69-8	8.5	93	560	mg/m^3
2328	Phenyltrimethoxysilane	2996-92-1	0.59	6.5	39	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2329	Phenylxylylethane; (PXE)	6196-95-8	30	330	2,000	mg/m^3
2330	Phloroglucinol dihydrate	6099-90-7	3.4	37	220	mg/m^3
2331	**Phorate**	**298-02-2**	0.04	**0.04**	**0.12**	mg/m^3
2332	Phosacetim	4104-14-7	0.34	3.7	3.7	mg/m^3
2333	Phosfolan	947-02-4	0.82	9	9	mg/m^3
2334	**Phosgene**	**75-44-5**	0.1	**0.3**	**0.75**	ppm
2335	**Phosgene oxime**	**1794-86-1**	**0.028**	**0.083**	**13**	mg/m^3
2336	Phosmet	732-11-6	0.049	0.54	55	mg/m^3
2337	Phosphamidon; (Famfos)	13171-21-6	0.027	0.3	6	mg/m^3
2338	**Phosphine**	**7803-51-2**	1	**2**	**3.6**	ppm
2339	Phosphomolybdic acid	11104-88-4	2.5	27	160	mg/m^3
2340	Phosphonic acid	13598-36-2	0.42	4.6	380	mg/m^3
2341	Phosphonic acid, dioctadecyl ester	19047-85-9	0.06	0.4	2	mg/m^3
2342	Phosphonic acid, methyl-, mono(1-methylethyl) ester; (Isopropyl methylphosphonic acid)	1832-54-8	21	230	1,400	mg/m3
2343	Phosphonic acid, tridodecyl ester	3076-63-9	9.5	100	630	mg/m^3
2344	Phosphonoacetic acid	4408-78-0	0.3	3.3	20	mg/m3
2345	**Phosphoric acid**	**7664-38-2**	**3**	**30**	**150**	mg/m^3
2346	Phosphoric acid, dimethyl-p-(methylthio)phenyl ester	3254-63-5	0.64	7	7	mg/m^3
2347	Phosphorous acid, o-; (Phosphonic acid)	10294-56-1	3	30	150	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2348	Phosphorous pentafluoride	7647-19-0	1.9	22	130	ppm
2349	Phosphorous trifluoride	7783-55-3	3.2	35	210	ppm
2350	Phosphorus (red)	7723-14-0	0.27	3	3	mg/m^3
2351	Phosphorus (yellow); (White phosphorus)	12185-10-3	0.3	0.51	0.77	mg/m^3
2352	**Phosphorus oxychloride**	**10025-87-3**	0.48	0.48	**0.85**	ppm
2353	Phosphorus pentachloride	10026-13-8	1.8	20	200	mg/m^3
2354	Phosphorus pentasulfide	1314-80-3	3	130	750	mg/m^3
2355	**Phosphorus pentoxide**	**1314-56-3**	**1**	**10**	**50**	mg/m^3
2356	**Phosphorus trichloride**	**7719-12-2**	**0.34**	**2**	**5.6**	ppm
2357	Phosphorus trioxide	1314-24-5	0.27	2.9	18	mg/m^3
2358	Phthalic acid	88-99-3	22	240	1,600	mg/m^3
2359	Phthalic acid, benzyl butyl ester; (Benzyl butyl phthalate)	85-68-7	15	20	460	mg/m^3
2360	Phthalic anhydride	85-44-9	18.3	20	10,000	mg/m^3
2361	Phthaloyl dichloride; (Phthaloyl chloride)	88-95-9	0.067	0.73	4.4	ppm
2362	Phyllomedusin	26145-48-2	30	330	2,000	mg/m^3
2363	Physostigmine	57-47-6	0.41	4.5	4.5	mg/m^3
2364	Physostigmine salicylate (1:1)	57-64-7	0.23	2.5	2.5	mg/m^3
2365	Picolinic acid; (2-Pyridinecarboxylic acid)	98-98-6	3.2	36	78	mg/m^3
2366	Picric acid	88-89-1	0.3	17	100	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2367	Picrotoxin	124-87-8	1.4	15	15	mg/m^3
2368	Pigment green 36	14302-13-7	12	130	790	mg/m^3
2369	Pigment yellow 13; (Butanamide, 2,2'-((3,3'-dichloro(1,1'-biphenyl)-4,4'-diyl)bis(azo))bis(N-(2,4-dimethylphenyl)-3-oxo-)	5102-83-0	0.95	10	990	mg/m^3
2370	Pigment yellow 14	5468-75-7	15	170	990	mg/m^3
2371	Pigment yellow 36; (Zinc chromate)	13530-65-9	0.17	0.18	54	mg/m^3
2372	Pinacolone; (3,3-Dimethyl-2-butanone)	75-97-8	0.74	8.1	49	ppm
2373	Pinacolyl alcohol; (tert-Butyl methyl carbinol)	464-07-3	2.7	30	120	ppm
2374	Piperazine	110-85-0	0.99	11	190	mg/m^3
2375	**Piperidine**	**110-89-4**	**6.6**	**33**	**110**	ppm
2376	Piperonyl butoxide	51-03-6	1.2	13	1,200	mg/m^3
2377	Pirimifos-ethyl	23505-41-1	2.3	25	28	mg/m^3
2378	Pivalic anhydride; (Trimethylacetic anhydride)	1538-75-6	30	330	2,000	mg/m^3
2379	Platinum	7440-06-4	3	33	200	mg/m^3
2380	Platinum cyanide	592-06-3	0.0076	0.083	0.5	mg/m^3
2381	Poly alpha olefin; (Synthetic hydrocarbon mixture, PAO; Hydrogenated trimer and tetramer of decene)	68649-12-7	2	22	130	mg/m^3
2382	Poly(1-(2-oxo-1-pyrrolidinyl)ethylene)iodine complex; (Iodine solutions)	25655-41-8	6.8	74	140	mg/m^3
2383	Poly(1-vinyl-2-pyrrolidinone) homopolymer; (Polyvinylpyrrolidone; Plasdone)	9003-39-8	19	200	20,000	mg/m^3
2384	Poly(acrylamide-co-diallyldimethylammonium chloride)	26590-05-6	30	330	2,000	mg/m^3
2385	Poly(dimethylsiloxane), ethoxylated, dihydroxy terminated; (Silicon oil polymer)	68037-63-8	60	660	4,000	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2386	Poly(dimethylsiloxane), hydride terminated	70900-21-9	30	330	2,000	mg/m^3
2387	Poly(dimethylsiloxane), vinyl dimethylsiloxy terminated	68083-19-2	48	530	3,200	mg/m^3
2388	Poly(divinylbenzene); (Diethenylbenzene homopolymer)	9003-69-4	6	66	400	mg/m^3
2389	Poly(ethylene glycol methyl ether)	9004-74-4	66	730	4,400	mg/m^3
2390	Poly(ethylene glycol)diacrylate	26570-48-9	1.2	13	79	mg/m^3
2391	Poly(melamine-co-formaldehyde), methylated	68002-20-0	44	490	2,900	mg/m^3
2392	Poly(oxy-1,2-ethanediyl), alpha-(4-octylphenyl)-omega-hydroxy-; (Polyethylene glycol mono(p-octylphenol)ether)	26636-32-8	1.2	14	81	mg/m^3
2393	Poly(oxyethylene)(2) stearyl ether	9005-00-9	5.7	63	380	mg/m^3
2394	Poly(styrene-co-divinylbenzene); (Dowex Optipore V-502)	69011-14-9	30	330	2,000	mg/m^3
2395	Poly[oxy(methyl-1,2-ethanediyl)], alpha-hydro-omega-(2-aminomethylethoxy)-, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1); (Polyoxypropylene polyamine)	39423-51-3	30	330	2,000	mg/m^3
2396	Polyamide 6; (Capron; Poly(iminocarbonylpentamethylene))	25038-54-4	2.3	25	150	mg/m^3
2397	Polybutyl acrylate	9003-49-0	30	330	2,000	mg/m^3
2398	Polychlorinated biphenyl (Aroclor 1016); (Chlorodiphenyl (41% Cl))	12674-11-2	2	22	460	mg/m^3
2399	Polychlorinated biphenyl (Aroclor 1016/1242): (Chlorodiphenyl (37% Cl))	z-0042	13	140	860	mg/m^3
2400	Polychlorinated biphenyl (Aroclor 1221); (Chlorodiphenyl (21% Cl))	11104-28-2	0.28	3.1	790	mg/m^3
2401	Polychlorinated biphenyl (Aroclor 1232); (Chlorodiphenyl (32% Cl))	11141-16-5	0.28	3.1	890	mg/m^3
2402	Polychlorinated biphenyl (Aroclor 1242); (Chlorodiphenyl (42% Cl))	53469-21-9	3	410	840	mg/m^3
2403	Polychlorinated biphenyl (Aroclor 1248); (Chlorodiphenyl (48% Cl))	12672-29-6	2.4	26	2,200	mg/m^3
2404	Polychlorinated biphenyl (Aroclor 1254); (Chlorodiphenyl (54% Cl))	11097-69-1	1.5	25	200	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2405	Polychlorinated biphenyl (Aroclor 1260); (Chlorodiphenyl (60% Cl))	11096-82-5	0.15	1.6	260	mg/m^3
2406	Polychlorinated biphenyl (Aroclor 1260/1262): (Chlorodiphenyl (61% Cl))	z-0043	0.15	1.6	260	mg/m^3
2407	Polychlorinated biphenyl (Aroclor 1262); (Chlorodiphenyl (62% Cl))	37324-23-5	34	370	2,200	mg/m^3
2408	Polychlorinated biphenyl (Aroclor 1268); (Chlorodiphenyl (68% Cl))	11100-14-4	33	360	2,200	mg/m^3
2409	Polychlorinated biphenyl; (Aroclor; PCBs)	1336-36-3	1.1	12	840	mg/m^3
2410	Polydimethyl siloxane; (Dimethylpolysiloxane)	9016-00-6	0.74	8.2	790	mg/m^3
2411	Polyether polyol ester	z-0112	12	140	820	mg/m^3
2412	**Polyethylbenzene residue; (Dowtherm Q)**	**68987-42-8**	1.7	**19.2**	120	ppm
2413	Polyethylene	9002-88-4	10	110	1,000	mg/m^3
2414	Polyethylene glycol	25322-68-3	30	200	18,000	mg/m^3
2415	Polyethylene glycol 20M	37225-26-6	270	3,000	18,000	mg/m^3
2416	Polyethylene glycol dimethacrylate	25852-47-5	30	330	2,000	mg/m^3
2417	Polyglycol 15-200; (Oxirane, 2-methyl-, polymer with oxirane, ether with 1,2,3-propanetriol (3:1); Calthane NF and ND "B")	9082-00-2	30	330	2,000	mg/m^3
2418	Polyisocyanate prepolymer (based on MDI)	z-0115	0.0072	0.079	0.48	mg/m^3
2419	Polymaleic acid; (2-Butenedioic acid (2Z)-, homopolymer)	26099-09-2	30	330	2,000	mg/m^3
2420	Polymerized linseed oil	67746-08-1	6	66	400	mg/m^3
2421	Polymethylene polyphenyl isocyanate; (Polymeric diphenylmethane diisocyanate)	9016-87-9	0.15	0.26	22	mg/m^3
2422	Polymethylhydrosiloxane; (Methyl hydrogen polysiloxane)	63148-57-2	30	330	2,000	mg/m^3
2423	Polymethylmethacrylate; (Lucite)	9011-14-7	0.47	5.2	31	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2424	Polyoxyalkyleneamine; (Poly(oxypropylene)diamine)	9046-10-0	0.73	8	48	mg/m^3
2425	Polyoxyethylene (20) sorbitan monolaurate	9005-64-5	0.9	9.9	1,500	mg/m^3
2426	Polyoxyethylene monooctylphenyl ether	9036-19-5	13	140	830	mg/m^3
2427	Polyoxyethylene sorbitan monopalmitate; (Tween 40)	9005-66-7	9.5	100	630	mg/m^3
2428	Polyphosphoric acid	8017-16-1	3.6	40	240	mg/m^3
2429	Polypropylene	9003-07-0	5.2	58	350	mg/m^3
2430	Polypropylene glycol, (chloromethyl) oxirane polymer	9072-62-2	6	66	400	mg/m^3
2431	Polypropylene glycol, polytetramethylene glycol, 1,3-diisocyanatomethylbenzene polymer	65636-36-4	30	330	2,000	mg/m^3
2432	Polypropylene glycols	25322-69-4	30	80	480	mg/m^3
2433	Polypropylene-polyethylene glycol; (Pluronic L-81)	9003-11-6	6.9	76	460	mg/m^3
2434	Polysorbate 85; (Tween 85)	9005-70-3	60	660	4,000	mg/m^3
2435	Polystyrene resin; (Styrene polymer)	9003-53-6	0.21	2.3	790	mg/m^3
2436	Polysulfone resin	25135-51-7	30	330	2,000	mg/m^3
2437	Polytetrafluoroethylene; (Teflon)	9002-84-0	0.3	3.3	20	mg/m^3
2438	Polyurethane foam; (Urethane polymers)	9009-54-5	0.031	0.34	2	mg/m^3
2439	Polyurethane prepolymer of MDI and PEP	68092-58-0	30	330	2,000	mg/m^3
2440	Polyvinyl alcohol	9002-89-5	3.7	41	3,300	mg/m^3
2441	Polyvinyl chloride	9002-86-2	3	33	200	mg/m^3
2442	Potassium	7440-09-7	2.3	25	150	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
Bold, green italics: 10% LEL ≤ PAC < 50% LEL; bold, underlined, pink italics: 50% LEL ≤ PAC < 100% LEL; bold, double underlined, red italcs: PAC ≥ LEL.

Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2443	Potassium acetate	127-08-2	9.8	110	640	mg/m^3
2444	Potassium acid fluoride	7789-29-9	15	170	1,000	mg/m^3
2445	Potassium aluminate	12003-63-3	6	66	400	mg/m^3
2446	Potassium aluminite	z-0044	7.5	12.5	500	mg/m^3
2447	Potassium aluminosilicate	1327-44-2	30	50	500	mg/m^3
2448	Potassium antimonate; (Antimony potassium oxide)	29638-69-5	3.2	28	170	mg/m^3
2449	Potassium antimonate; (Potassium hexahydroxyantimonate)	12208-13-8	3.2	28	170	mg/m^3
2450	Potassium antimonite	z-0045	2.8	25	150	mg/m^3
2451	Potassium argentate	z-0046	0.05	0.56	3.4	mg/m^3
2452	Potassium arsenate; (Monopotassium arsenate)	7784-41-0	0.072	40	240	mg/m^3
2453	Potassium arsenite; (Arsenous acid, potassium salt)	13464-35-2	0.058	0.89	190	mg/m^3
2454	Potassium beryllium oxide	z-0047	0.018	0.2	0.8	mg/m^3
2455	Potassium bicarbonate	298-14-6	35	60	500	mg/m^3
2456	Potassium bi-iodate	13455-24-8	1.8	20	120	mg/m^3
2457	Potassium bismuthate	12589-75-2	4	25	200	mg/m^3
2458	Potassium bisulfate	7646-93-7	7	77	460	mg/m^3
2459	Potassium bromate	7758-01-2	0.3	31	31	mg/m^3
2460	Potassium bromide	7758-02-3	9.2	100	610	mg/m^3
2461	Potassium cadminate	z-0048	0.069	20	120	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2462	Potassium carbonate	584-08-7	0.1	1.1	370	mg/m^3
2463	Potassium chlorate	3811-04-9	2.3	25	900	mg/m^3
2464	Potassium chloride	7447-40-7	1.1	12	22	mg/m^3
2465	Potassium chromate(VI)	7789-00-6	0.19	1.9	58	mg/m^3
2466	Potassium citrate	866-84-2	2.1	23	140	mg/m^3
2467	Potassium citrate, monohydrate	6100-05-6	30	330	2,000	mg/m^3
2468	Potassium columbate; (Potassium niobate)	12030-85-2	9	99	590	mg/m^3
2469	**Potassium cyanide**	**151-50-8**	**5.3**	**19**	**40**	mg/m^3
2470	Potassium dichromate	7778-50-9	0.14	1.5	44	mg/m^3
2471	Potassium dideuterium phosphate	13761-79-0	29	320	1,900	mg/m^3
2472	Potassium ferricyanide	13746-66-2	18	54	320	mg/m^3
2473	Potassium ferrocyanide; (Tetrapotassium hexacyanoferrate)	13943-58-3	12	12	120	mg/m^3
2474	Potassium fluoride	7789-23-3	7.6	7.6	1,500	mg/m^3
2475	Potassium fluoride dihydrate	13455-21-5	37	420	2,500	mg/m^3
2476	Potassium formate	590-29-4	9	99	600	mg/m^3
2477	Potassium glycolate	1932-50-9	20	150	750	ppm
2478	Potassium gold cyanide	554-07-4	47	47	280	mg/m^3
2479	Potassium hexacyanoferrate(II) trihydrate; (Potassium ferricyanide trihydrate)	14459-95-1	23	23	140	mg/m^3
2480	Potassium hexafluorosilicate; (Silicate(2-), hexafluoro-, dipotassium)	16871-90-2	0.072	0.79	31	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2481	Potassium hydride	7693-26-7	1.2	13	79	mg/m^3
2482	Potassium hydrogen lead oxide	z-0049	1.9	21	125	mg/m^3
2483	Potassium hydrogen metasilicate	z-0051	30	330	2,000	mg/m^3
2484	Potassium hydrogen pyrophosphate	z-0050	12.5	20	400	mg/m^3
2485	Potassium hydroxide	1310-58-3	0.18	2	54	mg/m^3
2486	Potassium iminodiacetate; (Potassium IDA)	z-0052	12.5	100	500	ppm
2487	Potassium iodate	7758-05-6	3.1	29	29	mg/m^3
2488	Potassium iodide	7681-11-0	0.18	1.9	140	mg/m^3
2489	Potassium lanthanate	z-0053	1.25	2.5	2.5	mg/m^3
2490	Potassium metaarsenite; (Potassium arsenite)	10124-50-2	1.3	14	530	mg/m^3
2491	Potassium metaborate	13709-94-9	35	250	500	mg/m^3
2492	Potassium molybdate	13446-49-6	3.7	40	240	mg/m^3
2493	Potassium nickel oxide (liquids); (Nickel potassium oxide)	50811-97-7	0.86	9.6	57	mg/m^3
2494	Potassium nickelate (liquids)	z-0055	1	12	69	mg/m^3
2495	Potassium nickelate (solids)	z-0056	2.1	23	140	mg/m^3
2496	Potassium nitrate	7757-79-1	0.074	0.82	600	mg/m^3
2497	Potassium nitrilotriacetate; (Potassium NTA)	2399-85-1	3.7	40	240	mg/m^3
2498	Potassium nitrite	7758-09-0	1.5	16	3,000	mg/m^3
2499	Potassium orthovanadate	14293-78-8	4.8	53	320	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2500	Potassium oxalate	583-52-8	15	160	980	mg/m^3
2501	Potassium oxalate monohydrate	6487-48-5	15	160	980	mg/m^3
2502	Potassium oxide	12136-45-7	0.18	2	54	mg/m^3
2503	Potassium perchlorate	7778-74-7	23	250	1,500	mg/m^3
2504	Potassium periodate	7790-21-8	0.63	6.9	41	mg/m^3
2505	Potassium permanganate	7722-64-7	8.6	14	78	mg/m^3
2506	Potassium peroxymonosulfate; (Peroxymonosulfuric acid, monopotassium salt)	10058-23-8	30	330	2,000	mg/m3
2507	Potassium persulfate; (Dipotassium persulfate)	7727-21-1	0.3	26	160	mg/m^3
2508	Potassium phosphate dibasic trihydrate	16788-57-1	30	330	2,000	mg/m^3
2509	Potassium phosphate, dibasic	7758-11-4	30	330	2,000	mg/m^3
2510	Potassium phosphate, monobasic	7778-77-0	29	320	1,900	mg/m^3
2511	Potassium phosphate, tribasic	7778-53-2	29	320	1,900	mg/m^3
2512	**Potassium phosphide**	**20770-41-6**	0.18	**2**	**3.6**	ppm
2513	Potassium pyrophosphate; (Tetrapotassium diphosphorate)	7320-34-5	22	250	1,900	mg/m^3
2514	Potassium pyrosulfate; (Disulfuric acid, dipotassium salt)	7790-62-7	30	330	2,000	mg/m^3
2515	Potassium pyrosulfite; (Potassium metabisulfite)	16731-55-8	3.7	41	250	mg/m^3
2516	Potassium selenate	7790-59-2	0.56	0.56	3.5	mg/m^3
2517	Potassium selenite	10431-47-7	1.6	17	100	mg/m^3
2518	Potassium silicate; (Silicic acid, potassium salt)	1312-76-1	30	330	2,000	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2519	Potassium silver cyanide	506-61-6	1.8	20	20	mg/m^3
2520	Potassium stannate	12142-33-5	7.5	12.5	125	mg/m^3
2521	Potassium strontium phosphate	53201-92-6	30	50	500	mg/m^3
2522	Potassium sulfate (2:1); (Dipotassium sulfate)	7778-80-5	20	220	1,300	mg/m^3
2523	Potassium sulfite	10117-38-1	17	180	1,100	mg/m^3
2524	Potassium tellurate	15571-91-2	0.63	6.9	42	mg/m^3
2525	Potassium tellurite	7790-58-1	0.6	1.3	4.2	mg/m^3
2526	Potassium tetrafluoroborate(1-)	14075-53-7	12	140	830	mg/m^3
2527	Potassium tetraphenylborate	3244-41-5	3	33	200	mg/m^3
2528	Potassium thiocyanate	333-20-0	8.5	88	88	mg/m^3
2529	Potassium trihydrogen silicate	z-0058	30	330	2,000	mg/m^3
2530	Potassium tungstate (liquids)	7790-60-5a	5.3	58	350	mg/m^3
2531	Potassium tungstate (solids)	7790-60-5b	18	200	1,200	mg/m^3
2532	Potassium uranyl carbonate	z-0059	1.2	9.8	59	mg/m^3
2533	Potassium zirconate; (Potassium zirconium oxide; Dipotassium zirconate)	12030-98-7	24	200	1,200	mg/m^3
2534	Potassium-tert-butoxide; (tert-Butyl alcohol, potassium derivitave)	865-47-4	1.2	13	79	mg/m^3
2535	Praseodymium	7440-10-0	1.2	13	79	mg/m^3
2536	Praseodymium nitrate	10361-80-5	5.6	61	370	mg/m^3
2537	Praseodymium oxide	12036-32-7	6	66	400	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2538	Praseodymium(III,IV) oxide	12037-29-5	15	170	990	mg/m^3
2539	Promecarb; (m-Cym-5-yl methylcarbamate)	2631-37-0	1.5	16	16	mg/m^3
2540	Propanamine, 1-; (Propylamine)	107-10-8	0.98	11	100	ppm
2541	**Propane**	**74-98-6**	***5,500***	***17,000***	***33,000***	ppm
2542	Propane sultone, 1,3-	1120-71-4	1.4	16	95	mg/m^3
2543	Propanediamine, 1,2-	78-90-0	6.7	74	440	mg/m^3
2544	Propanediamine, 1,3-	109-76-2	0.059	0.65	20	ppm
2545	**Propanedinitrile; (Malononitrile)**	**109-77-3**	3	**4.9**	**10**	ppm
2546	Propanediol, 1,3-	504-63-2	7.8	86	520	mg/m^3
2547	Propanediol, 2,2-dimethyl-1,3-	126-30-7	26	290	1,700	ppm
2548	Propanethiol; (n-Propylmercaptan)	107-03-9	0.045	0.5	320	ppm
2549	Propanol, zirconium(4+) salt, 1-	23519-77-9	36	300	1,800	mg/m^3
2550	**Propargyl alcohol**	**107-19-7**	**2.5**	**16**	**72**	ppm
2551	Propargyl bromide	106-96-7	0.03	0.03	10	mg/m^3
2552	Propiolactone, b-	57-57-8	0.5	0.51	1.3	ppm
2553	**Propionaldehyde**	**123-38-6**	**45**	**260**	**840**	ppm
2554	Propionic acid	79-09-4	15	15	170	ppm
2555	Propionic acid, 3-ethoxy-, ethyl ester; (Ethyl-3-ethoxypropionate)	763-69-9	100	100	100	ppm
2556	Propionic acid, sodium salt	137-40-6	1.5	16	690	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2557	Propionic anhydride	123-62-6	7.1	78	470	mg/m^3
2558	**Propionitrile; (Propiononitrile)**	**107-12-0**	6	**7**	**37**	ppm
2559	Propionyl chloride	79-03-8	0.05	0.55	3.3	ppm
2560	Propoxur	114-26-1	0.5	0.5	23	mg/m^3
2561	Propoxypropanol, n-; (Propylene glycol monpropyl ether)	30136-13-1	0.93	10	61	ppm
2562	Propyl acetate, n-	109-60-4	250	250	8,000	ppm
2563	Propyl alcohol, n-; (n-Propanol)	71-23-8	250	250	***4,000***	ppm
2564	**Propyl chloroformate; (Propyl chlorocarbonate)**	**109-61-5**	0.34	**3.7**	**11**	ppm
2565	Propyl nitrate	627-13-4	40	330	2,000	ppm
2566	Propyl-1-butanamine, N-	20193-21-9	50	350	500	mg/m^3
2567	Propylbenzene, n-; (Isocumene)	103-65-1	1.1	12	2,300	ppm
2568	Propylene carbonate, 1,2-	108-32-7	3.3	37	220	mg/m^3
2569	**Propylene glycol dinitrate**	**6423-43-4**	**0.17**	**1**	**13**	ppm
2570	**Propylene glycol monomethyl ether acetate, alpha-isomer; (1-Methoxypropyl-2-acetate)**	**108-65-6**	**50**	**1,000**	**5,000**	ppm
2571	**Propylene glycol monomethyl ether acetate, beta-isomer; (2-Methoxypropoyl-1-acetate)**	**70657-70-4**	**50**	**1,000**	***5,000***	ppm
2572	Propylene glycol monomethyl ether; (Ucar Triol HG-170)	107-98-2	150	150	470	ppm
2573	Propylene glycol mono-n-butyl ether; (3-Butoxy-1-propanol)	10215-33-5	0.78	8.6	220	ppm
2574	Propylene glycol; (1,2-Propanediol)	57-55-6	30	1,300	7,900	mg/m^3
2575	**Propylene oxide; (Methyl ethylene oxide)**	**75-56-9**	**73**	**290**	**870**	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2576	Propylene; (1-Propene)	115-07-1	500	500	***1,900***	ppm
2577	**Propyleneimine, 1,2-**	**75-55-8**	0.4	**12**	**23**	ppm
2578	**Propyltrichlorosilane**	**141-57-1**	**0.6**	**7.3**	**33**	ppm
2579	Prothoate; (Isopropyl diethyldithiophosphorylacetamide)	2275-18-5	0.15	1.7	10	mg/m^3
2580	Pump oil	64742-65-0	15	170	990	mg/m^3
2581	Pyrene	129-00-0	0.15	1.7	7.5	mg/m^3
2582	Pyrethrin 1; (Cyclopropaneacrylic acid, 2,2-dimethyl-3-(2-methylpropenyl)-, ester with 4-hydroxy-3-methyl-2-(2,4-pentadienyl)-2-cyclopenten-1-one)	121-21-1	3	8.6	51	mg/m^3
2583	Pyridine	110-86-1	3	6.9	3,600	ppm
2584	Pyridinecarboxaldehyde, 4-; (Isonicotinaldehyde)	872-85-5	5.4	60	360	mg/m^3
2585	Pyridine-d5	7291-22-7	3	600	3,600	ppm
2586	Pyriminil; (Pyriminyl)	53558-25-1	0.56	6.2	24	mg/m^3
2587	Pyrogallic acid	87-66-1	0.15	1.6	31	mg/m^3
2588	Pyromellitic acid	89-05-4	0.98	11	65	mg/m^3
2589	Pyroxylin; (Cellulose tetranitrate)	9004-70-0	15	170	990	mg/m^3
2590	Pyrrole; (Imidole)	109-97-7	0.0073	0.08	0.48	ppm
2591	Pyrrolidine	123-75-1	0.69	7.6	45	mg/m^3
2592	Pyrrolidinone, 2-	616-45-5	0.17	1.9	19	ppm
2593	Pyruvate kinase	9001-59-6	0.9	9.9	76	mg/m^3
2594	Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides	68424-85-1	1.3	14	84	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2595	Quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, chlorides; (Methyl bis(2-hydroxyethyl) cocoalkyl quaternary ammonium chlorides)	70750-47-9	1.2	13	79	mg/m^3
2596	Quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, nitrates (salts); (Methyl bis(2-hydroxyethyl) cocoalkyl quaternary ammonium nitrates)	71487-00-8	1.2	13	79	mg/m^3
2597	Quinhydrone	106-34-3	0.21	2.3	14	mg/m^3
2598	Quinoline	91-22-5	0.003	0.46	12	ppm
2599	Quinolinol, 8-	148-24-3	0.85	9.4	240	mg/m^3
2600	Red Arrow Insect Spray	z-0117	10	60	200	mg/m^3
2601	Resorcinol	108-46-3	20	20	20	ppm
2602	Rexyn I-300; (Ethylene glycol dimethacrylate polymer with styrene, chloromethylated, trimethylamine-quaternized, hydroxide)	69011-49-0	30	330	2,000	mg/m^3
2603	Rhenium hexafluoride	10049-17-9	20	220	1,300	mg/m^3
2604	Rhenium oxide; (Rhenium(VII) oxide)	1314-68-7	3	33	200	mg/m^3
2605	Rhodium	7440-16-6	3	33	200	mg/m^3
2606	Rhodium oxide (liquids); (Rhodium(IV) oxide)	12137-27-8a	0.039	0.43	2.6	mg/m^3
2607	Rhodium oxide (solids); (Rhodium((IV) oxide)	12137-27-8b	3.9	43	260	mg/m^3
2608	Rhodium(III) hydroxide (liquids)	21656-02-0a	0.045	0.5	3	mg/m^3
2609	Rhodium(III) hydroxide (solids)	21656-02-0b	4.5	50	300	mg/m^3
2610	Rhodium(III) oxide (solids)	12036-35-0	3.7	40	240	mg/m^3
2611	Riboflavine	83-88-5	3	33	200	mg/m^3
2612	Ribonuclease T1	9026-12-4	30	330	2,000	mg/m^3
2613	Rosin core solder decomposition products; (Colophony Gum)	8050-09-7	0.3	4.9	4.9	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
Bold, green italics: 10% LEL ≤ PAC < 50% LEL; bold, underlined, pink italics: 50% LEL ≤ PAC < 100% LEL; bold, double underlined, red italcs: PAC ≥ LEL.

Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2614	Rotenone	83-79-4	5	5	160	mg/m^3
2615	Rubber solvent; (Naphtha (petroleum) light aliphatic)	64742-89-8	264	1,700	10,000	ppm
2616	Rubidium	7440-17-7	3.9	43	260	mg/m^3
2617	Rubidium bromide	7789-39-1	30	330	2,000	mg/m^3
2618	Rubidium chloride	7791-11-9	13	150	880	mg/m^3
2619	Rubidium hydroxide	1310-82-3	1.8	19	120	mg/m^3
2620	Rubidium nitrate	13126-12-0	14	150	920	mg/m^3
2621	Ruthenium	7440-18-8	30	330	2,000	mg/m^3
2622	Ruthenium trichloride	10049-08-8	2.2	24	140	mg/m^3
2623	Ruthenium(IV) oxide	12036-10-1	0.05	0.55	1.3	mg/m^3
2624	Safrol; (5-(2-Propenyl)-1,3-benzodioxole)	94-59-7	1.6	18	390	mg/m^3
2625	Salcomine; (bis(Salicylaldehyde)ethylenediimine cobalt(II))	14167-18-1	3.5	39	39	mg/m^3
2626	Salicylaldehyde	90-02-8	0.054	0.59	100	mg/m^3
2627	Salicylic acid	69-72-7	0.11	1.2	180	mg/m^3
2628	Salicylic acid, monoammonium salt	528-94-9	1.1	12	120	mg/m^3
2629	Salicylic acid, phenyl ester	118-55-8	0.74	8.2	590	mg/m^3
2630	Samarium	7440-19-9	30	330	2,000	mg/m^3
2631	Samarium nitrate	10361-83-8	6.5	71	430	mg/m^3
2632	Samarium(II) iodide solution	32248-43-4	6	66	400	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2633	Samarium(III) chloride hexahydrate	13465-55-9	9.2	100	610	mg/m^3
2634	Samarium(III) oxide	12060-58-1	15	170	990	mg/m^3
2635	Saxitoxin	35523-89-8	3.30E-05	3.60E-04	0.0022	mg/m^3
2636	Scandium	7440-20-2	30	330	2,000	mg/m^3
2637	Scandium oxide	12060-08-1	30	330	2,000	mg/m^3
2638	Selenious acid	7783-00-8	23	250	250	mg/m^3
2639	Selenium	7782-49-2	0.2	0.2	1.6	mg/m^3
2640	Selenium dioxide	7446-08-4	0.84	2.3	2.3	mg/m^3
2641	**Selenium hexafluoride**	**7783-79-1**	**0.053**	**0.087**	**0.26**	ppm
2642	Selenium monosulfide	7446-34-6	0.84	1.2	7.5	mg/m^3
2643	Selenium oxychloride	7791-23-3	0.91	10	10	mg/m^3
2644	Selenium sulfide; (Selenium(IV) disulfide (1:2))	7488-56-4	1.1	4.6	27	mg/m^3
2645	Semicarbazide hydrochloride	563-41-7	9.1	100	100	mg/m^3
2646	Sephacryl s-200, superfine	65546-95-4	30	330	2,000	mg/m^3
2647	Sephacryl s-300	82785-74-8	30	330	2,000	mg/m^3
2648	Sephadex G-25	9041-35-4	30	330	2,000	mg/m^3
2649	Sepharose cl-4b	61970-08-9	30	330	2,000	mg/m^3
2650	**Silane; (Silicon tetrahydride)**	**7803-62-5**	**100**	**130**	**270**	ppm
2651	Silica amorphous hydrated	7631-86-9	6	6	85	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2652	Silica gel	63231-67-4	18	200	1,200	mg/m^3
2653	Silica gel dessicant	1343-98-2	6	6	6	mg/m^3
2654	Silica gel, amorphous synthetic	112926-00-8	6	6	6	mg/m^3
2655	Silica, amorphous fume	69012-64-2	0.3	0.3	1.6	mg/m^3
2656	Silica, amorphous fumed	112945-52-5	6	6	630	mg/m^3
2657	Silica, crystalline-quartz; (Silicon dioxide)	14808-60-7	0.025	0.025	0.025	mg/m^3
2658	Silicic acid	7699-41-4	0.9	17	100	mg/m^3
2659	Silicic acid, aluminum calcium sodium salt	1344-01-0	10	10	28	mg/m^3
2660	Silicic acid, sodium salt; (Sodium silicate)	1344-09-8	5.9	65	390	mg/m^3
2661	Silicofluoric acid; (Fluorosilicic acid)	16961-83-4	9.5	110	630	mg/m^3
2662	Silicon	7440-21-3	45	100	630	mg/m^3
2663	Silicon carbide	409-21-2	15	15	15	mg/m^3
2664	Silicon nitride	12033-89-5	30	330	2,000	mg/m^3
2665	**Silicon tetrafluoride; (Tetrafluorosilane)**	**7783-61-1**	**0.05**	**3.3**	**10**	ppm
2666	Silicon(II) oxide; (Silicon oxide)	10097-28-6	30	330	2,000	mg/m^3
2667	Siloprene k 1000	63394-02-5	3.3	37	990	mg/m^3
2668	Siloxanes and silicones, dimethyl, reaction products with silica; (Hydrophobic silicon dioxide, amorphous)	67762-90-7	0.07	0.77	4.6	mg/m^3
2669	Siloxanes and silicones, methyl phenyl; (Silicon Y-6607; Silicone fluid, high temp)	67762-92-9	1.6	17	100	mg/m^3
2670	Silver	7440-22-4	0.1	0.1	11	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2671	Silver carbonate; (Silver(I) carbonate)	534-16-7	0.038	120	740	mg/m^3
2672	Silver chloride	7783-90-6	0.04	370	2,200	mg/m^3
2673	Silver cyanide	506-64-9	0.037	4.1	24	mg/m^3
2674	Silver hydroxide	12673-77-7	0.035	0.4	2.4	mg/m^3
2675	Silver nitrate	7761-88-8	0.047	13	16	mg/m^3
2676	Silver nitrite; (Silver(I) nitrite)	7783-99-5	0.043	0.46	2.8	mg/m^3
2677	Silver oxide	20667-12-3	0.3	93	560	mg/m^3
2678	Soda lime	8006-28-8	6	10	25	mg/m^3
2679	Sodium	7440-23-5	13	140	870	mg/m^3
2680	Sodium acetate	127-09-3	11	120	700	mg/m^3
2681	Sodium acetate trihydrate; (Acetic acid, sodium salt trihydrate)	6131-90-4	11	120	690	mg/m^3
2682	Sodium aluminate anhydrous; (Aluminum sodium dioxide anhydrous)	11138-49-1	18	200	1,200	mg/m^3
2683	Sodium aluminate; (Aluminum sodium dioxide)	1302-42-7	18	200	1,200	mg/m^3
2684	Sodium aluminosilicate	1344-00-9	10	150	500	mg/m^3
2685	Sodium aluminum hydride	13770-96-2	1.2	13	80	mg/m^3
2686	Sodium aluminum silicate	73987-94-7	10	15	500	mg/m^3
2687	Sodium antimonate; (Antimonic acid, sodium salt)	11112-10-0	3	27	160	mg/m^3
2688	Sodium antimonite	z-0061	2.6	23	140	mg/m^3
2689	Sodium argentate	z-0062	0.046	0.5	3	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2690	Sodium arsenate	7631-89-2	0.081	2.8	270	mg/m^3
2691	Sodium arsenite	7784-46-5	0.91	10	170	mg/m^3
2692	Sodium azide	26628-22-8	1.8	20	32	mg/m^3
2693	Sodium beryllium oxide	z-0063	0.014	0.16	0.62	mg/m^3
2694	Sodium bicarbonate	144-55-8	13	140	840	mg/m^3
2695	Sodium bifluoride; (Sodium hydrogen fluoride)	1333-83-1	12	140	820	mg/m^3
2696	Sodium bis(2-methoxyethoxy) aluminum hydride	22722-98-1	45	500	3,000	mg/m^3
2697	Sodium bismuthate	12232-99-4	1.3	14	83	mg/m^3
2698	Sodium bisulfate monohydrate	10034-88-5	0.63	7	42	mg/m^3
2699	Sodium bisulfate; (Sodium acid sulfate)	7681-38-1	0.82	9	54	mg/m^3
2700	Sodium bisulfite	7631-90-5	15	17	400	mg/m^3
2701	Sodium borate decahydrate	1303-96-4	6	22	780	mg/m^3
2702	Sodium borate; (Disodium tetraborate; Borates, tetrasodium salts)	1330-43-4	6	6	240	mg/m^3
2703	Sodium borohydride	16940-66-2	0.0026	0.029	1.6	mg/m^3
2704	Sodium bromate	7789-38-0	0.46	5.1	30	mg/m^3
2705	Sodium bromide	7647-15-6	0.3	3.3	690	mg/m^3
2706	Sodium butyl (2-ethylhexyl)phosphate	z-0064	0.06	0.4	2	mg/m^3
2707	Sodium butyl butylphosphonate	z-0065	0.06	0.4	2	mg/m^3
2708	Sodium cacodylate; (Sodium dimethylarsinate)	124-65-2	1.1	4	510	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2709	Sodium cadminate	z-0066	0.06	17	100	mg/m^3
2710	Sodium carbonate	497-19-8	12	130	780	mg/m^3
2711	Sodium carbonate monohydrate	5968-11-6	14	152	913	mg/m^3
2712	Sodium carboxymethyl cellulose; (Dowex 11)	9004-32-4	7.1	78	5,300	mg/m^3
2713	Sodium chloride	7647-14-5	11	120	1,100	mg/m^3
2714	Sodium chlorite	7758-19-2	0.15	1.6	33	mg/m^3
2715	Sodium chromate decahydrate	13517-17-4	0.33	0.34	100	mg/m^3
2716	Sodium chromate tetrahydrate	10034-82-9	0.29	0.3	91	mg/m^3
2717	Sodium chromate(VI); (Disodium chromate)	7775-11-3	0.16	0.16	49	mg/m^3
2718	Sodium citrate; (Monosodium citrate)	18996-35-5	4	44	270	mg/m^3
2719	Sodium cobaltinitrite	13600-98-1	0.041	0.45	2.7	mg/m^3
2720	**Sodium cyanide**	**143-33-9**	**4**	**14**	**30**	mg/m^3
2721	Sodium cyclopentadienylide; (Cyclopentadienyl sodium)	4984-82-1	30	330	2,000	mg/m^3
2722	Sodium deuteroxide	14014-06-3	0.5	5	50	mg/m^3
2723	Sodium dichromate dihydrate	7789-12-0	0.14	1.5	45	mg/m^3
2724	Sodium dichromate; (Disodium dichromate)	10588-01-9	0.13	0.13	39	mg/m^3
2725	Sodium diethyldithiocarbamate trihydrate	20624-25-3	6	50	300	mg/m^3
2726	Sodium diethyldithiocarbamate; (Diethyldithiocarbamic acid, sodium salt)	148-18-5	6	9.8	300	mg/m^3
2727	Sodium dihydrogen phosphate; (Sodium phosphate monobasic, monohydrate)	10049-21-5	25	270	1,600	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2728	Sodium dithionate dihydrate	7631-94-9	30	330	2,000	mg/m^3
2729	Sodium dodecylbenzenesulfonate; (Dodecyl benzene sodium sulfonate)	25155-30-0	0.75	8.3	87	mg/m^3
2730	Sodium ethoxide	141-52-6	1.2	13	79	mg/m^3
2731	Sodium ferrocyanide	13601-19-9	58	58	580	mg/m^3
2732	Sodium fluoride	7681-49-4	5.5	5.5	1,100	mg/m^3
2733	Sodium formate	141-53-7	18	200	1,200	mg/m^3
2734	Sodium gluconate	527-07-1	1	11	69	mg/m^3
2735	Sodium glycinate	6000-44-8	0.47	5.1	31	ppm
2736	Sodium glycolate; (Sodium hydroxyacetate)	2836-32-0	1.9	20	350	ppm
2737	Sodium hexahydroxoantimonate; (Sodium antimonate)	33908-66-6	2.4	22	130	mg/m^3
2738	Sodium hexamethyldisilazane; (Sodium bis(trimethylsilyl)amide)	1070-89-9	30	330	2,000	mg/m^3
2739	Sodium hydride	7646-69-7	0.27	2.9	18	mg/m^3
2740	Sodium hydrogen lead oxide	z-0067	1.9	21	125	mg/m^3
2741	Sodium hydrogen metasilicate	z-0068	12.5	75	400	mg/m^3
2742	Sodium hydrogen pyrophosphate	z-0069	12.5	20	400	mg/m^3
2743	Sodium hydrosulfite	7775-14-6	30	330	2,000	mg/m^3
2744	**Sodium hydroxide**	**1310-73-2**	**0.5**	**5**	**50**	mg/m^3
2745	Sodium hypobromite	13824-96-9	30	330	2,000	mg/m^3
2746	Sodium hypochlorite	7681-52-9	2	20	630	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2747	Sodium hypochlorite pentahydrate	10022-70-5	4.6	51	290	mg/m^3
2748	Sodium hypophosphite	7681-53-0	5.2	57	340	mg/m^3
2749	Sodium hypophosphite hydrate	123333-67-5	5.2	57	340	mg/m^3
2750	Sodium iodate	7681-55-2	0.83	9.1	55	mg/m^3
2751	Sodium iodide	7681-82-5	0.55	6	860	mg/m^3
2752	Sodium isothiocyanate; (Thiocyanic acid, sodium salt)	540-72-7	0.041	0.45	46	mg/m^3
2753	Sodium lactate; (Lactic acid, monosodium salt)	72-17-3	2.8	30	790	mg/m^3
2754	Sodium lanthanate	z-0070	1.25	2.5	2.5	mg/m^3
2755	Sodium lauryl sulfate	151-21-3	3.9	43	260	mg/m^3
2756	Sodium metabisulfite	7681-57-4	5	5	220	mg/m^3
2757	Sodium metaborate	7775-19-1	6	77	460	mg/m^3
2758	Sodium metaphosphate	10361-03-2	2.7	30	180	mg/m^3
2759	Sodium metasilicate nonahydrate	13517-24-3	61	61	250	mg/m^3
2760	Sodium metasilicate pentahydrate	10213-79-3	45	45	170	mg/m^3
2761	Sodium metavanadate; (Sodium vanadate)	13718-26-8	0.059	0.65	170	mg/m^3
2762	Sodium methylate	124-41-4	6.1	67	400	mg/m^3
2763	Sodium molybdate dihydrate; (Disodium molybdate dihydrate)	10102-40-6	2.9	2.9	210	mg/m^3
2764	Sodium monoxide; (Sodium oxide)	12401-86-4	0.5	5	50	mg/m^3
2765	Sodium nickel oxide (Liquid)	37367-09-2	0.7	7.6	46	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2766	Sodium nickelate (Liquids)	z-0073	0.88	9.6	57	mg/m^3
2767	Sodium nickelate (Solids)	z-0074	1.8	19	120	mg/m^3
2768	Sodium nitrate	7631-99-4	12	130	250	mg/m^3
2769	Sodium nitrite	7632-00-0	2.3	26	280	mg/m^3
2770	Sodium nitroferricyanide	14402-89-2	0.3	3.3	20	mg/m^3
2771	Sodium o-benzyl-p-chlorophenate	3184-65-4	30	330	2,000	mg/m^3
2772	Sodium orthovanadate	13721-39-6	0.54	5.9	250	mg/m^3
2773	Sodium oxalate	62-76-0	0.56	6.2	37	mg/m^3
2774	Sodium pentachlorophenate	131-52-2	0.22	2.4	8.4	mg/m^3
2775	Sodium perchlorate	7601-89-0	6.3	69	420	mg/m^3
2776	Sodium perchlorate monohydrate	7791-07-3	3.8	41	250	mg/m^3
2777	Sodium permanganate	10101-50-5	7.8	13	78	mg/m^3
2778	Sodium peroxide	1313-60-6	0.5	5	50	mg/m^3
2779	Sodium perrhenate; (Rhenium(VII) sodium oxide)	13472-33-8	13	140	860	mg/m^3
2780	Sodium persulfate	7775-27-1	0.3	8.2	49	mg/m^3
2781	Sodium phosphate	7632-05-5	2.2	25	150	mg/m^3
2782	Sodium phosphate, dibasic	7558-79-4	51	560	3,400	mg/m^3
2783	Sodium phosphate, dibasic, dodecahydrate	10039-32-4	1.4	16	93	mg/m^3
2784	Sodium phosphate, dibasic, heptahydrate	7782-85-6	39	430	2,600	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2785	Sodium phosphate, monobasic	7558-80-7	25	270	1,600	mg/m^3
2786	Sodium phosphate, tribasic, dodecahydrate	10101-89-0	22	240	1,500	mg/m^3
2787	Sodium phosphate, tribasic; (Sodium hexametaphosphate; Calgon)	10124-56-8	19	200	1,200	mg/m^3
2788	Sodium phosphate, tribasic; (Sodium trimetaphosphate)	7785-84-4	22	240	1,400	mg/m^3
2789	Sodium phosphate, tribasic; (Trisodium phosphate)	7601-54-9	5	250	1,500	mg/m^3
2790	**Sodium phosphide**	**12058-85-4**	0.18	**2**	**3.6**	ppm
2791	Sodium polyphosphate	68915-31-1	9.2	100	600	mg/m^3
2792	Sodium polytungstate	12141-67-2	14	150	920	mg/m^3
2793	Sodium potassium tartrate tetrahydrate	6381-59-5	3.2	36	210	mg/m^3
2794	Sodium potassium tartrate; (Potassium sodium tartrate)	304-59-6	3.2	36	210	mg/m^3
2795	Sodium p-tert-amylphenate; (4-(1,1-Dimethylpropyl)phenol, sodium salt)	31366-95-7	30	330	2,000	mg/m^3
2796	Sodium pyrophosphate decahydrate	13472-36-1	4.3	48	290	mg/m^3
2797	Sodium pyrophosphate, di-	7758-16-9	4.3	48	290	mg/m^3
2798	Sodium pyruvate; (Pyruvic acid, sodium salt)	113-24-6	30	330	2,000	mg/m^3
2799	Sodium salicylate; (Salicylic acid, sodium salt)	54-21-7	12	140	770	mg/m^3
2800	Sodium selenate; (Disodium selenate)	13410-01-0	0.48	1.6	1.6	mg/m^3
2801	Sodium selenite	10102-18-8	0.44	2.3	2.3	mg/m^3
2802	Sodium silicate; (Sodium metasilicate)	6834-92-0	18	230	230	mg/m^3
2803	Sodium stannate	12058-66-1	11	120	720	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2804	Sodium stearate	822-16-2	0.26	2.8	17	mg/m^3
2805	Sodium strontium phosphate	19553-80-1	30	50	500	mg/m^3
2806	Sodium succinate	150-90-3	2.2	25	150	ppm
2807	Sodium succinate, hexahydrate	6106-21-4	15	160	970	mg/m^3
2808	Sodium sulfamate	13845-18-6	6	66	400	mg/m^3
2809	Sodium sulfate, anhydrous	7757-82-6	11	130	650	mg/m^3
2810	Sodium sulfhydrate; (Sodium hydrosulfide)	16721-80-5	0.088	0.96	5.8	mg/m^3
2811	Sodium sulfide	1313-82-2	0.62	6.9	41	mg/m^3
2812	Sodium sulfide nonahydrate	1313-84-4	0.17	1.9	11	mg/m^3
2813	Sodium sulfite	7757-83-7	0.69	7.6	46	mg/m^3
2814	Sodium tartrate dihydrate	6106-24-7	3.9	43	260	mg/m^3
2815	Sodium tellurate	10101-83-4	0.56	13	76	mg/m^3
2816	Sodium tellurite	10102-20-2	1.8	20	33	mg/m^3
2817	Sodium tetrafluoroborate(1-)	13755-29-8	11	120	720	mg/m^3
2818	Sodium Tetrahydroxoaluminate	z-0123	26	290	1,700	mg/m3
2819	Sodium tetraphenyl borate	143-66-8	0.86	9.5	57	mg/m^3
2820	Sodium thiosulfate	7772-98-7	3	33	1,100	mg/m^3
2821	Sodium thiosulfate pentahydrate	10102-17-7	0.85	9.4	1,200	mg/m^3
2822	Sodium titanate	12034-34-3	30	330	2,000	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2823	Sodium tolyltriazole; (1H-Benzotriazole, 4(or 5)-methyl-, sodium salt)	64665-57-2	1.9	21	130	mg/m^3
2824	Sodium tridecylbenzene sulfonate	26248-24-8	4	44	270	mg/m^3
2825	Sodium triethylborohydride	17979-81-6	6	13	79	mg/m^3
2826	Sodium trihydrogen silicate	z-0076	30	330	2,000	mg/m^3
2827	Sodium tripolyphosphate	7758-29-4	0.22	2.5	620	mg/m^3
2828	Sodium tungstate	13472-45-2	3	3	240	mg/m^3
2829	Sodium tungstate dihydrate	10213-10-2	5.4	13	81	mg/m^3
2830	Sodium uranate; (Disodium uranate hexahydrate)	66018-57-3	0.94	7.8	47	mg/m^3
2831	Sodium uranium oxide monohydrate; (Sodium uranate(VI) monohydrate)	10135-92-9	0.82	6.8	41	mg/m^3
2832	Sodium uranyl carbonate	z-0078	1.1	9	54	mg/m^3
2833	Sodium zirconate; (Disodium zirconium oxide)	12201-48-8	22	180	1,100	mg/m^3
2834	Sodium-Potassium	11135-81-2	0.5	5	50	mg/m^3
2835	Solvent naphtha, petroleum, medium aliphatic; (Mineral spirits, naphtha)	64742-88-7	0.32	3.5	21	mg/m^3
2836	Solvent Yellow 3	97-56-3	0.32	3.6	300	mg/m^3
2837	**Soman; (3,3-Dimethyl-2-butyl methylphosphonofluoridate; GD)**	**96-64-0**	**1.80E-04**	**0.0022**	**0.017**	ppm
2838	Sorbitan monolaurate; (D-Glucitol, 1,4-anhydro-, 6-dodecanoate)	5959-89-7	30	330	2,000	mg/m^3
2839	Sorbitan monostearate polyoxyethylene; (Ethoxylated sorbitan monostearate)	9005-67-8	7.3	81	480	mg/m^3
2840	Sorbitan trioleate	26266-58-0	3	33	200	mg/m^3
2841	Sorbitan, monolaurate	1338-39-2	59	650	6,700	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2842	Sorbitan, monooleate	1338-43-8	45	490	3,000	mg/m^3
2843	Sorbitan, monooleate polyoxyethylene; (Polyethylene sorbitan monooleate; Tween 80)	9005-65-6	41	450	2,700	mg/m^3
2844	Sorbitan, monostearate	1338-41-6	74	820	6,100	mg/m^3
2845	Sorbitol, D-; (D-Glucitol)	50-70-4	30	330	3,100	mg/m^3
2846	Soybean oil; (Glycine soja)	8001-22-7	3.4	38	6,500	mg/m^3
2847	Spiro(isobenzofuran-1(3H),9'-(9H)xanthen)-3-one, 3',6'-dihydroxy-; (Fluorescein)	2321-07-5	0.28	3.1	65	mg/m^3
2848	Squalene; (2,6,10,15,19,23-Hexamethyl-2,6,10,14,18,22-tetracosahexene, (all-E)-)	111-02-4	8.2	90	540	mg/m^3
2849	Stannic chloride; (Tin(IV) chloride; Tin(IV) tetrachloride)	7646-78-8	4.4	4.4	880	mg/m^3
2850	Stannous chloride; (Tin(II) chloride (1:2))	7772-99-8	3.2	3.2	640	mg/m^3
2851	Stannous octoate	301-10-0	0.68	110	670	mg/m^3
2852	Starch dust	9005-25-8	30	1,200	1,400	mg/m^3
2853	**Stibine; (Antimony hydride)**	**7803-52-3**	0.14	**1.5**	**9.6**	ppm
2854	Stilbene	588-59-0	3.8	41	250	mg/m^3
2855	Stilbene 3; (Stilbene 420; Tinopal CBS; Disodium 4,4'-bis(2-sulfostyryl)biphenyl)	27344-41-8	0.087	0.96	160	mg/m^3
2856	Stoddard solvent; (Mineral spirits, 85% nonane and 15% trimethyl benzene)	8052-41-3	100	350	29,500	ppm
2857	Strontium	7440-24-6	7.1	78	470	mg/m^3
2858	Strontium carbonate	1633-05-2	0.93	10	61	mg/m^3
2859	Strontium chloride	10476-85-4	1.4	15	360	mg/m^3
2860	Strontium hydroxide	18480-07-4	0.75	2	75	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2861	Strontium nitrate	10042-76-9	0.2	2.2	370	mg/m^3
2862	Strontium nitrite; (Nitrous acid, strontium salt)	13470-06-9	0.1	0.75	75	mg/m^3
2863	Strontium oxalate	814-95-9	25	60	75	mg/m^3
2864	Strontium phosphate; (Strontium orthophosphate)	14414-90-5	30	50	500	mg/m^3
2865	**Strontium phosphide**	**12504-13-1**	0.091	**1**	**1.8**	ppm
2866	Strontium sulfate	7759-02-6	30	330	2,000	mg/m^3
2867	Strychnine	57-24-9	0.15	0.3	3	mg/m^3
2868	Strychnine sulfate (2:1)	60-41-3	0.45	5	40	mg/m^3
2869	**Styrene**	**100-42-5**	**20**	**130**	**1,100**	ppm
2870	Styrene oxide; (1,2-Epoxyethylbenzene)	96-09-3	0.24	2.7	19	ppm
2871	Styrene-allyl alcohol copolymer	25119-62-4	30	330	2,000	mg/m^3
2872	Styrene-divinylbenzene resin, chloromethylated, aminated with trimethylamine; (Bio-Rad AG1-X8 anion exchange resin, formate form)	60177-39-1	30	330	2,000	mg/m^3
2873	Styrenesulfonate), poly(sodium 4-	25704-18-1	30	330	1,600	mg/m^3
2874	Succinic acid	110-15-6	6.8	75	450	mg/m^3
2875	Succinic anhydride	108-30-5	0.21	2.4	300	mg/m^3
2876	Succinimidyl-6-(beta-maleimidopropionamido)hexanoate; (SMPH)	z-0120	30	330	2,000	mg/m^3
2877	Sucrose	57-50-1	30	980	5,900	mg/m^3
2878	Sucrose, diacetate hexaisobutyrate; (Sucrose acetate isobutyrate; SAIB)	126-13-6	7.8	85	10,000	mg/m^3
2879	Sulfamic acid	5329-14-6	9.5	100	630	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2880	Sulfanilamide	63-74-1	0.62	6.8	770	mg/m^3
2881	Sulfanilic acid	121-57-3	37	410	2,400	mg/m^3
2882	Sulfonic acids, petroleum; (Petrolatum acid sulfonate)	61789-85-3	30	330	2,000	mg/m^3
2883	Sulfonylbis-ethanol, 2,2'-	2580-77-0	1.2	13	79	mg/m^3
2884	Sulfosalicylic acid	97-05-2	7.4	81	490	mg/m^3
2885	Sulfosalicylic acid, dihydrate, crystal	5965-83-3	5.6	61	370	mg/m^3
2886	Sulfotep; (TEDP)	3689-24-5	0.32	3.5	35	mg/m^3
2887	Sulfur	7704-34-9	2.8	31	190	mg/m^3
2888	**Sulfur dioxide**	**7446-09-5**	**0.2**	**0.75**	**30**	ppm
2889	Sulfur hexafluoride	2551-62-4	1,000	1,000	1,000	ppm
2890	**Sulfur monochloride**	**10025-67-9**	**0.53**	**6.4**	**15**	ppm
2891	Sulfur pentafluoride	5714-22-7	0.01	0.01	1	ppm
2892	Sulfur tetrafluoride	7783-60-0	0.19	2.1	2.1	ppm
2893	**Sulfur trioxide**	**7446-11-9**	**0.2**	**8.7**	**160**	mg/m^3
2894	**Sulfuric acid**	**7664-93-9**	**0.2**	**8.7**	**160**	mg/m^3
2895	Sulfuric acid-d2; (Deuterosulfuric acid)	13813-19-9	0.2	8.7	160	mg/m^3
2896	Sulfurous acid	7782-99-2	0.0099	0.11	0.66	mg/m^3
2897	**Sulfuryl chloride**	**7791-25-5**	**0.3**	**3.7**	**11**	ppm
2898	**Sulfuryl fluoride**	**2699-79-8**	10	**21**	**64**	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2899	Talc	14807-96-6	2	2	2.6	mg/m^3
2900	Tall oil (alkyd resin)	68333-62-0	30	330	2,000	mg/m^3
2901	Tantalum	7440-25-7	10	11	64	mg/m^3
2902	Tantalum carbide	12070-06-3	11	120	730	mg/m^3
2903	Tantalum(V) ethoxide	6074-84-6	30	330	2,000	mg/m^3
2904	Tantalum(V) fluoride	7783-71-3	22	250	1,500	mg/m^3
2905	Tantalum(V) oxide	1314-61-0	12	12	1,600	mg/m^3
2906	Tartaric acid	87-69-4	1.6	17	100	mg/m^3
2907	Tartaric acid, monopotassium salt	868-14-4	140	1,500	9,000	mg/m^3
2908	Tartaric acid, monosodium salt	526-94-3	7.1	79	470	mg/m^3
2909	Technetium(IV) oxide	12036-16-7	30	330	2,000	mg/m^3
2910	Tellurium	13494-80-9	1.8	20	20	mg/m^3
2911	Tellurium chloride	10026-07-0	0.63	0.88	5.3	mg/m^3
2912	**Tellurium hexafluoride**	**7783-80-4**	0.018	**0.018**	**0.053**	ppm
2913	Tellurium oxide; (Tellurium dioxide)	7446-07-3	0.38	0.89	16	mg/m^3
2914	Tellurous acid	10049-23-7	0.42	4.6	28	mg/m^3
2915	Terbium	7440-27-9	1.2	13	79	mg/m^3
2916	Terbium oxide	12036-41-8	30	330	2,000	mg/m^3
2917	Terbium(III,IV) oxide	12037-01-3	30	330	2,000	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2918	Terbufos	13071-79-9	0.091	1	1	mg/m^3
2919	Terephthalic acid	100-21-0	30	81	350	mg/m^3
2920	Terephthaloyl chloride	100-20-9	0.17	1.9	500	mg/m^3
2921	Terphenyl, p-	92-94-4	0.45	5	240	mg/m^3
2922	Terphenyls; (Diphenylbenzene)	26140-60-3	0.45	5	1,400	mg/m^3
2923	Tert-butyl alcohol; (tert-Butanol)	75-65-0	150	150	8,000	ppm
2924	Tert-butyl benzoic acid, p-	98-73-7	2	2	94	mg/m^3
2925	Tert-butyllithium	594-19-4	1.2	13	79	mg/m^3
2926	Tert-butylphenol, p-; (Tert-butylphenol, 4-)	98-54-4	1.5	36	220	mg/m^3
2927	Tert-butylpyridine, 4-	3978-81-2	30	330	2,000	mg/m^3
2928	Tetraamminepalladium(II) nitrate	13601-08-6	1.2	13	79	mg/m^3
2929	Tetrabromoethane, 1,1,2,2-; (Acetylene tetrabromide)	79-27-6	0.3	0.79	10	ppm
2930	Tetrabutyl ammonium phosphate	5574-97-0	30	330	2,000	mg/m^3
2931	Tetrabutyl titanate; (Butyl titanate)	5593-70-4	0.67	7.4	44	ppm
2932	Tetrabutylammonium fluoride; (N,N,N-Tributyl-1-butanaminium, fluoride)	429-41-4	100	1,200	6,900	mg/m^3
2933	Tetrabutylammonium hydroxide	2052-49-5	0.013	0.14	0.85	mg/m^3
2934	Tetrabutylammonium nitrate	1941-27-1	0.033	0.36	2.2	mg/m^3
2935	Tetrachloro-1,2-difluoroethane, 1,1,2,2-	76-12-0	150	290	15,000	ppm
2936	Tetrachlorobenzene, 1,2,3,4-	634-66-2	2.2	25	230	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2937	Tetrachlorobenzene, 1,2,4,5-	95-94-3	0.24	2.6	340	mg/m^3
2938	Tetrachlorodibenzofuran, 2,3,7,8-	51207-31-9	7.40E-05	8.20E-04	0.2	mg/m^3
2939	Tetrachlorodibenzo-p-dioxin, 1,2,3,8-	53555-02-5	0.003	0.033	0.2	mg/m^3
2940	Tetrachloroethane (mixed isomers)	25322-20-7	0.12	1.3	39	ppm
2941	Tetrachloroethane, 1,1,1,2-	630-20-6	0.54	6	13	ppm
2942	Tetrachloroethane, 1,1,2,2-	79-34-5	1	1	150	ppm
2943	Tetrachlorohexafluorobutane, 2,2,3,3-; (FLON; CFC316)	375-34-8	0.07	0.77	4.6	ppm
2944	**Tetrachlorosilane; (Silicon chloride)**	**10026-04-7**	**0.45**	**5.5**	**25**	ppm
2945	Tetracosafluorotetradecahydro-phenanthrene; (Perfluorophenanthrene)	306-91-2	10	110	680	mg/m^3
2946	Tetracyanoquinodimethane	1518-16-7	0.18	2	12	mg/m^3
2947	Tetracycline hydrochloride	64-75-5	0.57	6.3	1,300	mg/m^3
2948	Tetradecafluorohexane; (Perfluoro-n-hexane; Fluorinert FC72)	355-42-0	2.1	23	1,800	ppm
2949	Tetradecane; (n-Tetradecane)	629-59-4	4.8	53	320	ppm
2950	Tetradecanoic acid; (Myristic acid)	544-63-8	0.14	1.6	9.3	mg/m^3
2951	Tetradecyltrimethylammonium bromide	1119-97-7	12	130	770	mg/m^3
2952	Tetraethyl lead	78-00-2	0.36	4	62	mg/m^3
2953	**Tetraethyl orthosilicate; (Ethyl silicate; Tetraethoxysilane)**	**78-10-4**	**25**	**100**	**300**	ppm
2954	Tetraethyl pyrophosphate; (TEPP)	107-49-3	0.091	1	10	mg/m^3
2955	Tetraethylammonium chloride	56-34-8	0.2	2.2	520	mg/m^3

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Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2956	Tetraethylene glycol	112-60-7	87	960	5,700	mg/m^3
2957	Tetraethylene glycol diacrylate	17831-71-9	2.1	2.1	160	mg/m^3
2958	Tetraethylenepentamine	112-57-2	15	130	790	mg/m^3
2959	Tetraethyltin; (Tetraethylstannane)	597-64-8	0.4	7	7	mg/m^3
2960	**Tetrafluoroethane, 1,1,1,2-; (HFC 134a)**	**811-97-2**	**8,000**	**13,000**	**27,000**	ppm
2961	Tetrafluoroethane, 1,1,2,2-; (HFC 134)	359-35-3	8,000	13,000	27,000	ppm
2962	**Tetrafluoroethylene**	**116-14-3**	**220**	**550**	**3,300**	ppm
2963	Tetrafluorohydrazine	10036-47-2	0.8	0.8	680	ppm
2964	Tetrahydro-2,5-dimethyl furan	1003-38-9	12	130	790	mg/m^3
2965	**Tetrahydrofuran**	**109-99-9**	**100**	**500**	**5,000**	ppm
2966	Tetrahydrofuran-d8	1693-74-9	100	500	***5,000***	ppm
2967	Tetrahydromethyl-1,3-isobenzofurandione, 3A,4,7,7A-; (Methyltetrahydrophthalic anhydride)	26590-20-5	7.7	85	510	mg/m^3
2968	Tetrahydronaphthalene, 1,2,3,4-; (Tetralin)	119-64-2	0.0039	0.043	12	ppm
2969	Tetrahydropyridine, 1,2,3,6-	694-05-3	8.8297	97	580	ppm
2970	Tetramethoxypropane, 1,1,3,3-; (Malonaldehyde bis(dimethyl acetal))	102-52-3	6	66	400	mg/m^3
2971	**Tetramethoxysilane; (Methyl silicate)**	**681-84-5**	0.91	**0.91**	**1.4**	ppm
2972	Tetramethyl ammonium, tetrahydroborate(1-)	16883-45-7	0.23	2.5	15	mg/m^3
2973	Tetramethyl ethylene diamine	110-18-9	0.58	6.4	58	ppm
2974	Tetramethyl lead	75-74-1	0.36	4	52	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2975	Tetramethyl-1,3-butanediamine, N,N,N',N'-; (Tetramethyl butanediamine)	97-84-7	1.4	16	94	mg/m^3
2976	Tetramethyl-3,5-heptanedione, 2,2,6,6-; (Dipivaloylmethane)	1118-71-4	30	330	2,000	mg/m^3
2977	Tetramethyl-5-decyne-4,7-diol, 2,4,7,9-	126-86-3	30	330	2,000	mg/m^3
2978	Tetramethylammonium chloride	75-57-0	0.15	1.7	9.9	mg/m^3
2979	Tetramethylammonium hydroxide	75-59-2	0.027	0.29	0.67	mg/m^3
2980	Tetramethylammonium hydroxide pentahydrate	10424-65-4	0.053	0.58	1.3	mg/m^3
2981	Tetramethylammonium silicate	53116-81-7	30	330	2,000	mg/m^3
2982	Tetramethylbenzene, 1,2,3,5-	527-53-7	15	170	1,000	mg/m^3
2983	Tetramethylbenzene, 1,2,4,5-	95-93-2	20	220	1,300	mg/m^3
2984	Tetramethylbenzidine, 3,3',5,5'-	54827-17-7	0.44	4.9	29	mg/m^3
2985	Tetramethylene sulfone; (Sulfolane; Tetrahydrothiophene-1,1-dioxide)	126-33-0	1.3	12	12	mg/m^3
2986	Tetramethylsilane	75-76-3	100	130	270	ppm
2987	**Tetranitromethane**	**509-14-8**	0.047	**0.52**	**1.7**	ppm
2988	Tetraoxadodecane, 2,5,8,11-	112-49-2	0.14	1.5	9.2	ppm
2989	Tetraoxatetracosan-1-ol, 3,6,9,12-; ((Lauryl alcohol tri(oxyethylene) ethanol; BRIJ 30)	5274-68-0	30	330	2,000	mg/m^3
2990	Tetraphenylarsonium chloride; (Tetraphenylarsenium chloride)	507-28-8	2.8	2.8	6.9	mg/m^3
2991	Tetrapotassium ethylenediaminetetraacetate; (EDTA tetrapotassium salt)	5964-35-2	15	75	400	mg/m^3
2992	Tetrapropoxysilane	682-01-9	6	66	400	mg/m^3
2993	Tetrapropylammonium hydroxide	4499-86-9	0.035	0.39	2.3	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2994	Tetrapropylorthotitanate	3087-37-4	30	330	2,000	mg/m^3
2995	Tetrasodium pyrophosphate	7722-88-5	15	130	790	mg/m^3
2996	Tetrazole, 1H-	288-94-8	1.2	13	79	mg/m^3
2997	Thallium	7440-28-0	0.06	1.2	1.9	mg/m^3
2998	Thallium chloride; (Thallium(I) chloride)	7791-12-0	0.18	2	23	mg/m^3
2999	Thallium hydroxide	12026-06-1	0.065	3.7	22	mg/m^3
3000	Thallium nitrate; (Thallium(I) nitrate)	10102-45-1	0.078	16	26	mg/m^3
3001	Thallium nitrite	13826-63-6	0.074	4.2	25	mg/m^3
3002	Thallium oxide	1314-12-1	0.062	3.5	21	mg/m^3
3003	Thallium sulfate; (Sulfuric acid, dithallium(1+) salt)	10031-59-1	0.18	2	21	mg/m^3
3004	Thallium(I) acetate; (Acetic acid, thallium(1+) salt)	563-68-8	0.077	0.25	26	mg/m^3
3005	Thallium(I) carbonate (2:1)	6533-73-9	0.18	2	23	mg/m^3
3006	Thallium(I) sulfate; (Sulfuric acid, dithallium(1+) salt)	7446-18-6	0.18	2	25	mg/m^3
3007	Thallium(III) oxide; (Thallium sesquioxide; Thallic oxide)	1314-32-5	0.18	2	8.7	mg/m^3
3008	Thallium(III) perchlorate hexahydrate	15596-83-5	0.18	10	60	mg/m^3
3009	Thallous malonate	2757-18-8	0.18	2	25	mg/m^3
3010	Thenoyltrifluoroacetone	326-91-0	0.9	9.9	59	mg/m^3
3011	Thioacetamide	62-55-5	0.33	3.7	60	mg/m^3
3012	Thioacetic acid	507-09-5	0.079	0.87	5.2	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3013	Thiobis(4-chloro-6-methyl)phenol, 2,2'-	4418-66-0	0.12	1.3	1.3	mg/m^3
3014	Thiocarbazide; (Thiocarbohydrazide)	2231-57-4	9.1	100	100	mg/m^3
3015	Thiocresol, p-; (p-Toluenethiol)	106-45-6	0.66	7.2	43	mg/m^3
3016	Thiocyanic acid, compound with guanidine (1:1); (Guanidine thiocyanate salt)	593-84-0	0.98	11	65	mg/m^3
3017	Thiodiglycol	111-48-8	20	220	1,300	mg/m^3
3018	Thiofanox; (Dacamox)	39196-18-4	0.77	8.5	8.5	mg/m^3
3019	Thionazin; (Ethyl pyrazinyl phosphorothioate)	297-97-2	0.32	3.5	3.5	mg/m^3
3020	**Thionyl chloride**	**7719-09-7**	**0.2**	**2.4**	**14**	ppm
3021	Thiophosphoryl chloride	3982-91-0	0.24	2.7	6.1	mg/m^3
3022	Thiosemicarbazide	79-19-6	0.84	9.2	9.2	mg/m^3
3023	Thiourea	62-56-6	0.84	9.3	80	mg/m^3
3024	Thiram; (Tetramethylthioperoxydicarbonic diamide)	137-26-8	0.15	6.8	1,500	mg/m^3
3025	Thorium	7440-29-1	30	330	2,000	mg/m^3
3026	Thorium hydroxide	13825-36-0	30	330	2,000	mg/m^3
3027	Thorium nitrite	z-0079	30	330	2,000	mg/m^3
3028	Thorium oxalate	2040-52-0	57	630	3,800	mg/m^3
3029	Thorium oxide; (Thorium dioxide)	1314-20-1	30	330	2,000	mg/m^3
3030	Thorium perchlorate	16045-17-3	43	460	2,800	mg/m^3
3031	Thorium(IV) nitrate	13823-29-5	2.9	32	190	mg/m^3

Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.
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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3032	Thulium	7440-30-4	30	330	2,000	mg/m^3
3033	Thulium chloride	13537-18-3	7	77	460	mg/m^3
3034	Thulium oxide	12036-44-1	30	330	2,000	mg/m^3
3035	Thymol blue; (6,6'-(3H-2,1-benzoxathiol-3-ylidene)dithymol, S,S-dioxide)	76-61-9	30	330	2,000	mg/m^3
3036	Thyodene; (Amylodextrin)	9005-84-9	30	330	2,000	mg/m^3
3037	Tin	7440-31-5	6	67	400	mg/m^3
3038	Tin fluoroborate	13814-97-6	15	170	990	mg/m^3
3039	Tin hydroxide	12026-24-3	7.7	85	510	mg/m^3
3040	Tin nitrate	41480-79-9	12	140	820	mg/m^3
3041	Tin nitrite	100737-27-7	11	120	710	mg/m^3
3042	Tin(II) chloride dihydrate; (Stannous chloride dihydrate)	10025-69-1	3.8	3.8	760	mg/m^3
3043	Tin(II) oxide	1332-29-2	7.6	85	510	mg/m^3
3044	Tin(II) sulfate; (Stannous sulfate)	7488-55-3	3.6	3.6	720	mg/m^3
3045	Tin(IV) isopropoxide	1184-61-8	0.7	7.7	46	mg/m^3
3046	Tin(IV) oxide; (Stannic oxide)	18282-10-5	7.6	85	510	mg/m^3
3047	Titanium	7440-32-6	0.12	1.3	7.7	mg/m^3
3048	Titanium aluminide	39410-63-4	3	33	200	mg/m^3
3049	Titanium boride	12045-63-5	19	210	1,300	mg/m^3
3050	Titanium carbide	12070-08-5	30	330	2,000	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3051	Titanium chloride	7705-07-9	0.046	0.5	3	mg/m^3
3052	Titanium hydride	7704-98-5	0.019	0.2	1.2	mg/m^3
3053	Titanium oxide; (Titanium dioxide)	13463-67-7	10	10	10	mg/m^3
3054	**Titanium tetrachloride**	**7550-45-0**	**0.645**	**1**	**5.7**	ppm
3055	Titanium(II) oxide	12137-20-1	30	330	2,000	mg/m^3
3056	Titanium(III) fluoride	13470-08-1	14	150	920	mg/m^3
3057	Titanium-based alloy; (Titanium compounds)	z-0081	30	330	2,000	mg/m^3
3058	**Toluene**	**108-88-3**	**200**	**1,200**	**4,500**	ppm
3059	Toluene diisocyanate (mixed isomers)	26471-62-5	0.045	0.43	0.43	ppm
3060	Toluene diisocyanate, trimethylolpropane, epsilon-caprolactone polymer, methylated	71342-93-3	30	330	2,000	mg/m^3
3061	**Toluene-2,4-diisocyanate; (TDI)**	**584-84-9**	**0.02**	**0.083**	**0.51**	ppm
3062	Toluene-2,6-diamine; (2-Methyl-1,3-benzenediamine)	823-40-5	1.1	12	69	mg/m^3
3063	**Toluene-2,6-diisocyanate**	**91-08-7**	**0.02**	**0.083**	**0.51**	ppm
3064	Toluene-d8; (Deuterated toluene)	2037-26-5	200	1,200	4,500	ppm
3065	Toluenediamine, 2,4-; (2,4-Diaminotoluene)	95-80-7	0.015	1.1	23	ppm
3066	Toluenesulfonamide, p-; (Pasam)	70-55-3	0.82	9	54	mg/m^3
3067	Toluenesulfonic acid, methyl ester, p-	80-48-8	0.074	0.82	68	mg/m^3
3068	Toluenesulfonyl chloride, p-	98-59-9	0.45	5	30	mg/m^3
3069	Toluenesulphonic acid monohydrate, para-; (4-Methylbenzenesulphonic acid monohydrate)	6192-52-5	7.7	85	510	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3070	Toluenethiol, m-	108-40-7	0.16	1.8	11	mg/m^3
3071	Toluidine, m-; (3-Methylaniline)	108-44-1	5.2	5.2	20	ppm
3072	Toluidine, o-	95-53-4	2	2	100	ppm
3073	Toluidine, p-; (4-Methylbenzenamine)	106-49-0	6	12	67	mg/m^3
3074	Toxaphene; (Chlorinated camphene)	8001-35-2	1	20	200	mg/m^3
3075	Trans-1,4-dichlorobutene; (2-Butylene dichloride)	110-57-6	0.078	0.86	3.8	ppm
3076	Transformer oil; (Mineral oil, petroleum distillates, hydrotreated (mild) light naphthenic)	64742-53-6	0.35	3.8	990	mg/m^3
3077	Tri(2-ethylhexyl) phosphate; (Tris(2-ethylhexyl)phosphate)	78-42-2	2.2	6.3	6.3	mg/m^3
3078	Triacetin; (Triacetyl glycerin)	102-76-1	9	99	590	mg/m^3
3079	Triamiphos	1031-47-6	0.91	10	10	mg/m^3
3080	Triaryl sulfonium chloride salts	109037-76-5	1.1	12	72	mg/m^3
3081	Triazine-1,3,5(2H,4H,6H)-triethanol, s-; (Onyxide 200)	4719-04-4	2.3	25	150	mg/m^3
3082	Triazofos; (Triazophos)	24017-47-8	0.25	2.8	12	mg/m^3
3083	Tribenzylamine	620-40-6	30	330	2,000	mg/m^3
3084	Tributyl citrate	77-94-1	0.32	3.5	43	ppm
3085	Tributyl phosphate	126-73-8	0.6	3.5	125	ppm
3086	Tributyl(2,4-dichlorobenzyl)phosphonium chloride	115-78-6	0.53	5.9	35	mg/m^3
3087	Tributyl-1-butanaminium iodide, N,N,N-; (Tetrabutylammonium iodide)	311-28-4	6	66	390	mg/m^3
3088	Tributylphosphine	998-40-3	0.27	3	18	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3089	Tributyltetradecylphosphonium chloride	81741-28-8	30	330	2,000	mg/m^3
3090	Trichloramine; (Nitrogen chloride)	10025-85-1	0.022	0.25	3.9	ppm
3091	**Trichloro(dichlorophenyl) silane; (Dichlorophenyltrichlorosilane)**	**27137-85-5**	**0.6**	**7.3**	**33**	ppm
3092	Trichloro-2,2,2-trifluoroethane, 1,1,1-	354-58-5	100	1,200	6,900	mg/m^3
3093	Trichloro-2-nitrosobenzene, 1,3,5-	1196-13-0	3.6	40	240	mg/m3
3094	Trichloroacetaldehyde hydrate; (Chloral hydrate)	302-17-0	6	66	160	mg/m^3
3095	Trichloroacetaldehyde; (Chloral)	75-87-6	0.16	1.8	19	mg/m^3
3096	Trichloroacetic acid	76-03-9	1	1	12	ppm
3097	Trichloroacetyl chloride	76-02-8	0.055	0.61	2.8	ppm
3098	Trichlorobenzene, 1,2,3-	87-61-6	6.3	6.3	360	mg/m^3
3099	Trichlorobenzene, 1,2,4-	120-82-1	0.45	5	20	ppm
3100	**Trichloroethane, 1,1,1-; (Methyl chloroform)**	**71-55-6**	**230**	**600**	***4,200***	ppm
3101	Trichloroethane, 1,1,2-	79-00-5	15	15	500	ppm
3102	Trichloroethanol, 2,2,2-	115-20-8	2.2	25	120	mg/m^3
3103	**Trichloroethylene**	**79-01-6**	**130**	**450**	**3,800**	ppm
3104	**Trichloroethylsilane; (Ethyl trichlorosilane)**	**115-21-9**	**0.6**	**7.3**	**33**	ppm
3105	Trichlorofluoromethane; (Fluorotrichloromethane; Freon 11)	75-69-4	1,000	1,500	10,000	ppm
3106	Trichlorohydroxyethyl dimethylphosphonate; ((2,2,2-Trichloro-1-hydroxyethyl)dimethylphosphonate; Trichlorphon)	52-68-6	1.2	13	57	mg/m^3
3107	Trichloroisocyanuric acid	87-90-1	59	650	3,900	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3108	Trichloronaphthalene	1321-65-9	15	170	990	mg/m^3
3109	Trichloronate; (Ethyl trichlorophenylethylphosphonothioate)	327-98-0	0.91	10	27	mg/m^3
3110	Trichloronitrobenzene, 2,4,5-	89-69-0	3.6	40	240	mg/m3
3111	Trichlorophenol, 2,3,6-	933-75-5	1.8	20	120	mg/m^3
3112	Trichlorophenol, 2,4,5-	95-95-4	7.4	82	160	mg/m^3
3113	Trichlorophenol, 2,4,6-	88-06-2	1.8	20	160	mg/m^3
3114	Trichlorophenoxy)propionic acid, 2-(2,4,5-; (Silvex)	93-72-1	0.3	3.3	130	mg/m^3
3115	Trichlorophenoxyacetic acid, 2,4,5-; (2,4,5-T)	93-76-5	10	10	59	mg/m^3
3116	**Trichlorophenylsilane**	**98-13-5**	**0.6**	**7.3**	**33**	ppm
3117	Trichloropropane, 1,2,3-	96-18-4	10	10	1,000	ppm
3118	**Trichlorosilane**	**10025-78-2**	**0.6**	**7.3**	**33**	ppm
3119	Trichlorotrifluoroethane; (Freon 113; CFC113)	76-13-1	***1,250***	***1,500***	***4,500***	ppm
3120	Tridecane	629-50-5	0.0026	0.029	2.3	ppm
3121	Tridodecylamine; (Alamine 304; N,N-didodecyl-1-dodecanamine)	102-87-4	6	66	400	mg/m^3
3122	Triethanolamine; (Trihydroxytriethylamine)	102-71-6	15	51	1,100	mg/m^3
3123	**Triethoxysilane**	**998-30-1**	**0.5**	**4**	**10**	ppm
3124	Triethoxyvinylsilane	78-08-0	2.3	26	150	ppm
3125	Triethyl phosphate; (TEP)	78-40-0	4.2	46	9,200	mg/m^3
3126	Triethyl phosphite	122-52-1	1.2	14	82	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3127	Triethylaluminum	97-93-8	12	12	69	mg/m^3
3128	Triethylamine	121-44-8	3	3	1,000	ppm
3129	Triethylammonium bicarbonate buffer ph 8.5	15715-58-9	30	330	2,000	mg/m^3
3130	Triethylbenzene (mixed isomers)	25340-18-5	4.7	51	310	ppm
3131	Triethylene glycol	112-27-6	1,000	1,000	***5,500***	mg/m^3
3132	Triethylene glycol monomethyl ether	112-35-6	34	370	2,200	mg/m^3
3133	Triethylenetetramine	112-24-3	3	5.7	83	ppm
3134	Triethylethanaminium hydroxide, N,N,N-; (Tetraethyl ammonium hydroxide)	77-98-5	0.072	0.8	4.8	mg/m^3
3135	Triethyloxonium tetrafluoroborate	368-39-8	19	220	1,300	mg/m^3
3136	Triethylphosphorothioate; (Tepto)	126-68-1	0.027	0.3	1.8	ppm
3137	Trifluoro-1-(2-thienyl)-1,3-butanedione, 4,4,4-, boron difluoride	22502-27-8	0.33	3.6	22	mg/m^3
3138	Trifluoro-4-nitro-m-cresol, alpha,alpha,alpha-; (4-Nitro-3-(trifluoromethyl)phenol)	88-30-2	0.42	4.7	28	mg/m^3
3139	Trifluoroacetaldehyde hydrate; (2,2,2-Trifluoro-1,1-ethanediol)	421-53-4	0.98	11	65	mg/m^3
3140	Trifluoroacetic acid anhydride	407-25-0	14	150	920	mg/m^3
3141	Trifluoroacetic acid; (Trifluoroethanoic acid)	76-05-1	0.17	1.9	8.5	ppm
3142	Trifluoroacetyl chloride	354-32-5	3.2	200	1,200	ppm
3143	Trifluoroethanol, 2,2,2-; (Trifluoroethyl alcohol)	75-89-8	0.9	1.9	24	ppm
3144	Trifluoromethanesulfonic acid; (Triflic acid)	1493-13-6	0.067	0.73	4.4	ppm
3145	Trifluoromethanesulfonic anhydride	358-23-6	1.2	13	79	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3146	Trifluoromethyl iodide; (Iodotrifluoromethane)	2314-97-8	48	390	390	ppm
3147	Trifluoromethyl)benzenamine, 3-(; (m-Aminobenzal fluoride)	98-16-8	0.4	4.4	19	mg/m^3
3148	Trifluralin; (2,6-Dinitro-N,N-dipropyl-4-(trifluoromethyl) benzenamine)	1582-09-8	2.3	26	78	mg/m^3
3149	Triisobutylaluminum	100-99-2	44	260	1,600	mg/m^3
3150	Trimethoxy(3,3,3-trifluoropropyl)silane	429-60-7	29	320	1,900	mg/m^3
3151	Trimethoxyboroxine	102-24-9	15	170	1,000	mg/m^3
3152	**Trimethoxysilane**	**2487-90-3**	**0.5**	**0.83**	**2.5**	ppm
3153	Trimethoxysilyl)-1-propanamine, 3-(	13822-56-5	30	330	2,000	mg/m^3
3154	Trimethoxysilyl-1-propanethiol, 3-; (3-Mercaptopropyltrimethoxysilane)	4420-74-0	2.2	24	150	mg/m^3
3155	Trimethoxysilylpropyl methacrylate, 3-; (Silane A-174)	2530-85-0	71	780	4,700	mg/m^3
3156	Trimethoxysilylpropyl) ethylenediamine, N-(3-	1760-24-3	23	250	1,500	mg/m^3
3157	Trimethoxyvinylsilane; (Vinyltrimethoxysilane; Silane, trimethoxyvinyl-)	2768-02-7	1.7	19	120	ppm
3158	Trimethyl borate	121-43-7	4.3	48	290	ppm
3159	Trimethyl phosphate; (TMP)	512-56-1	1.4	16	29	ppm
3160	**Trimethyl phosphite**	**121-45-9**	**6.1**	**61**	**310**	ppm
3161	Trimethyl-1,3-pentanediol monoisobutyrate, 2,2,4-; (Texanol)	25265-77-4	20	220	1,300	mg/m^3
3162	Trimethyl-1-pentene, 2,4,4-; (Diisobutylene)	107-39-1	225	***2,500***	***15,000***	ppm
3163	Trimethyl-2,5,8,11-tetraoxatetradecan-13-ol, 4,7,10-	20324-34-9	30	330	2,000	mg/m^3
3164	Trimethyl-2-hexene, 4,4,5-	55702-61-9	30	330	2,000	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3165	Trimethyl-2-oxepanone (mixed isomers); (Hexanoic acid, 6-hydroxytrimethyl, epsilon-lactone)	64047-30-9	22	250	1,500	mg/m^3
3166	Trimethylacetic acid; (Pivalic acid)	75-98-9	2.7	30	180	mg/m^3
3167	**Trimethylacetyl chloride; (Pivaloyl chloride)**	**3282-30-2**	0.048	**0.53**	**1.6**	ppm
3168	Trimethylaluminum	75-24-1	16	170	1,000	mg/m^3
3169	**Trimethylamine**	**75-50-3**	**8**	**120**	**380**	ppm
3170	Trimethylaniline, 2,4,6-	88-05-1	0.26	2.9	10	mg/m^3
3171	**Trimethylbenzene, 1,2,3-**	**526-73-8**	**140**	**360**	740	ppm
3172	**Trimethylbenzene, 1,2,4-; (Pseudocumene)**	**95-63-6**	**140**	**360**	360	ppm
3173	Trimethylbicyclo(3.1.1)-2-hept-2-ene, 2,6,6-; (alpha-Pinene)	80-56-8	22	22	130	ppm
3174	**Trimethylchlorosilane**	**75-77-4**	**1.8**	**22**	**100**	ppm
3175	Trimethyldecane, 2,2,3-	62338-09-4	47	240	1,400	ppm
3176	Trimethyldecane, 2,2,8-	62238-01-1	47	240	***1,400***	ppm
3177	Trimethyldecane, 2,5,6-	62108-23-0	47	240	***1,400***	ppm
3178	Trimethylene oxide; (Oxetane)	503-30-0	0.0085	0.093	20	mg/m^3
3179	Trimethylgallium	1445-79-0	1.2	13	79	mg/m^3
3180	Trimethylhexane, 2,2,5-	3522-94-9	67	340	2,000	ppm
3181	Trimethyl-N'-(hydroxyethyl)-1,3-propanediamine, N,N,N'-; (2-((3-(Dimethylamino)propyl)methylamino)ethanol)	82136-26-3	30	330	2,000	mg/m^3
3182	Trimethyloctane	98060-52-7	55	280	440	ppm
3183	Trimethyloctane, 2,2,6-	62016-28-8	55	280	***1,700***	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3184	Trimethyloctane, 2,3,7-	62016-34-6	55	280	***1,700***	ppm
3185	Trimethyloctane, 2,4,6-	62016-37-9	55	280	***1,700***	ppm
3186	Trimethyloctane, 2,6,6-	54166-32-4	55	280	***1,700***	ppm
3187	Trimethylolpropane ethoxylate	50586-59-9	30	330	2,000	mg/m^3
3188	Trimethylolpropane phosphite	824-11-3	0.23	2.5	2.6	mg/m^3
3189	Trimethylphosphine	594-09-2	0.067	0.73	4.4	ppm
3190	Trimethylpyridine, 2,4,6-	108-75-8	1.2	13	77	ppm
3191	Trimethylsilanol	1066-40-6	0.5	2	5	ppm
3192	Trimethylsilylmethyllithium	1822-00-0	1.2	13	79	mg/m^3
3193	Trimethyltin chloride; (Chlorotrimethylstannane)	1066-45-1	0.34	20	20	mg/m^3
3194	Trimethyltriheptylamine, 6,6',6''-; (Triisooctylamine)	2757-28-0	4.3	48	290	mg/m^3
3195	Tri-n-butylamine	102-82-9	0.0071	0.078	2.9	ppm
3196	Trinitrobenzene, 1,3,5-	99-35-4	0.53	5.8	54	mg/m^3
3197	Trinitrochlorobenzene; (Picryl chloride)	28260-61-9	30	330	2,000	mg/m^3
3198	Trinitrophenylmethylnitramine, 2,4,6-; (Tetryl)	479-45-8	4.5	5.1	2,000	mg/m^3
3199	Trinitrotoluene, 2,4,6-	118-96-7	0.3	6.2	1,000	mg/m^3
3200	Tri-n-octylphosphine oxide; (Trioctylphophine oxide)	78-50-2	0.37	4.1	25	mg/m^3
3201	Trioctylamine; (N,N-Dioctyl-1-octanamine)	1116-76-3	6	66	400	mg/m^3
3202	Trioctylphosphine; (Tri-n-octylphosphine)	4731-53-7	0.099	1.1	6.5	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3203	Tri-o-tolyl phosphate; (Triorthocresyl phosphate)	78-30-8	0.3	4.6	40	ppm
3204	Tripentaerythritol	78-24-0	30	330	2,000	mg/m^3
3205	Triphenyl phosphate	115-86-6	9	84	690	mg/m^3
3206	Triphenyl phosphite	101-02-0	0.75	8.3	88	mg/m^3
3207	Triphenylborane	960-71-4	6	66	400	mg/m^3
3208	Triphenylethoxysilane	1516-80-9	30	330	2,000	mg/m^3
3209	Triphenylolmethane triglycidyl ether	66072-38-6	30	330	2,000	mg/m^3
3210	Triphenylphosphine	603-35-0	1.1	12	540	mg/m^3
3211	Triphenyltin chloride; (Chlorotriphenylstannane)	639-58-7	0.65	20	27	mg/m^3
3212	Tripotassium (2-hydroxyethyl)ethylenediaminetriacetate; (Tripotassium HEDTA)	62029-50-9	1	7.5	40	ppm
3213	Tripotassium arsenate	13464-36-3	0.1	57	340	mg/m^3
3214	Tripropyl phosphate; (TPP)	513-08-6	4.2	46	280	mg/m^3
3215	Tripropylamine	102-69-2	0.58	6.4	38	ppm
3216	Tripropylene glycol methyl ether	25498-49-1	9.6	110	630	mg/m^3
3217	Tripropylene glycol monomethyl ether; (1-(2-(2-Methoxy-1-methylethoxy)-1-methylethoxy)-2-propanol)	20324-33-8	0.72	7.9	75	ppm
3218	Tripropylene glycol; (((1-Methyl-1,2-ethanediyl)bis(oxy))bispropanol)	24800-44-0	1.1	13	76	ppm
3219	Tris hydrochloride; (Trizma hydrochloride; Tris(hydroxymethyl) aminomethane hydrochloride)	1185-53-1	6	66	400	mg/m^3
3220	Tris((hydroxymethyl)methylamino)propane-1-sulphonic acid, 3-	29915-38-6	30	330	2,000	mg/m^3
3221	Tris(2-aminoethyl)amine	4097-89-6	0.38	4.2	49	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3222	Tris(2-chloroethyl) phosphate; (2-Chloroethanol phosphate)	115-96-8	1.3	15	240	mg/m^3
3223	**Tris(2-chloroethyl)amine; (Nitrogen mustard-3)**	**555-77-1**	0.002	**0.022**	**0.37**	mg/m^3
3224	Tris(dimethylaminomethyl)phenol, 2,4,6-	90-72-2	3.6	40	240	mg/m^3
3225	Tris-hydroxymethylaminomethane; (THAM)	77-86-1	18	190	1,200	mg/m^3
3226	Trisodium arsenate	13464-38-5	0.083	47	280	mg/m^3
3227	Trisodium arsenate, heptahydrate; (Arsenic(V) acid, trisodium salt, heptahydrate (1:3:7))	64070-83-3	0.13	75	450	mg/m^3
3228	Trisodium citrate	68-04-2	9.3	100	610	mg/m^3
3229	Trisodium N-hydroxyethylethylenediaminetriacetate; (Trisodium N-(2-hydroxyethyl)ethylenediaminetriacetate)	139-89-9	12.5	75	400	mg/m^3
3230	Triton X-100; (Poly(oxyethylene)-p-tert-octylphenyl ether)	9002-93-1	2.7	29	360	mg/m^3
3231	Trypan blue	72-57-1	0.37	4.1	1,200	mg/m^3
3232	Trypsin; (Parenzyme; Chymotrypsin inhibitor)	9002-07-7	2.4	26	160	mg/m^3
3233	Trypsinogen	9002-08-8	6	66	400	mg/m^3
3234	Tungsten	7440-33-7	10	10	2,000	mg/m^3
3235	Tungsten boride	12007-09-9	11	120	730	mg/m^3
3236	Tungsten carbide	12070-12-1	11	120	730	mg/m^3
3237	Tungsten hexafluoride	7783-82-6	4.9	4.9	64	mg/m^3
3238	Tungsten trioxide; (Tungsten(VI) oxide)	1314-35-8	13	13	210	mg/m^3
3239	Tungsten(IV) chloride; (Tungsten tetrachloride)	13470-13-8	5.3	58	350	mg/m^3
3240	Tungsten(IV) oxide	12036-22-5	12	130	790	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3241	Tungstic acid	7783-03-1	14	150	920	mg/m^3
3242	Tungstosilicic acid	11130-20-4	13	140	860	mg/m^3
3243	Turpentine	8006-64-2	20	20	1,500	ppm
3244	Undecane	1120-21-4	0.24	2.7	16	ppm
3245	Undecanone, 2-; (Methyl nonyl ketone)	112-12-9	0.058	0.64	140	ppm
3246	Uranine; (Fluorescein sodium)	518-47-8	4.1	45	1,300	mg/m^3
3247	Uranium	7440-61-1	0.6	0.6	30	mg/m^3
3248	**Uranium hexafluoride; (Uranium fluoride)**	**7783-81-5**	**3.6**	**9.6**	**36**	mg/m^3
3249	Uranium hydride; (Uranium(III) hydride)	13598-56-6	0.61	5	30	mg/m^3
3250	**Uranium oxide; (Triuranium octaoxide)**	**1344-59-8**	0.71	**10**	**50**	mg/m^3
3251	Uranium telluride	12138-37-3	1.2	10	62	mg/m^3
3252	Uranium telluride A	12138-37-3a	1	8.5	51	mg/m^3
3253	**Uranium trioxide**	**1344-58-7**	0.5	**0.5**	**3**	mg/m^3
3254	**Uranium(IV) oxide; (Uranium dioxide)**	**1344-57-6**	0.68	**10**	**30**	mg/m^3
3255	Uranium: insoluble compounds	z-0083	0.6	5	30	mg/m^3
3256	Uranium: soluble compounds	z-0084	0.6	3.3	20	mg/m^3
3257	Uranyl acetate; (Uranium oxyacetate)	541-09-3	0.98	5.5	33	mg/m^3
3258	Uranyl fluoride; (Uranium oxyfluoride)	13536-84-0	0.78	4.3	26	mg/m^3
3259	Uranyl hydroxide	13470-18-3a	0.77	4.3	26	mg/m^3

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Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3260	Uranyl hydroxide (liquids)	13470-18-3b	0.77	4.3	26	mg/m^3
3261	Uranyl nitrate (solid); (Bis(nitrato-O,O')dioxouranium)	10102-06-4	0.99	5.5	33	mg/m^3
3262	Uranyl nitrate (yellow salt)	36478-76-9	0.99	0.99	33	mg/m^3
3263	Uranyl nitrate hexahydrate	13520-83-7	1.3	1.3	42	mg/m^3
3264	Uranyl nitrite (liquids)	z-0087	0.91	5	30	mg/m^3
3265	Urea	57-13-6	10	10	1,700	mg/m^3
3266	Urea peroxide; (Urea hydrogen peroxide)	124-43-6	1.2	13	79	mg/m^3
3267	Urea), N,N''-(4-methyl-1,3-phenylene)bis(N',N'-dimethyl-	17526-94-2	1.2	13	79	mg/m^3
3268	Urethane; (Carbamic acid, ethyl ester; Ethyl carbamate)	51-79-6	5.1	56	360	mg/m^3
3269	Valeric acid	109-52-4	5.6	61	140	mg/m^3
3270	Valinomycin	2001-95-8	0.23	2.5	2.5	mg/m^3
3271	Vanadium	7440-62-2	0.11	1.2	70	mg/m^3
3272	Vanadium pentoxide; (Vanadium(V) oxide)	1314-62-1	0.64	7	250	mg/m^3
3273	Vanadium sulfate	16785-81-2	0.74	8.2	620	mg/m^3
3274	Vanadium tetrachloride	7632-51-1	0.48	5.3	32	mg/m^3
3275	Vanadium trioxide	1314-34-7	0.065	0.71	100	mg/m^3
3276	Vanadium(II) sulfate heptahydrate	36907-42-3	5.8	63	380	mg/m^3
3277	Vanadium(III) sulfate	13701-70-7	4.1	45	270	mg/m^3
3278	Vanadium, trichlorooxo-	7727-18-6	0.059	0.65	3.9	ppm

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3279	Vanadyl sulfate pentahydrate; (Vanadium(IV) sulfate oxide hydrate)	12439-96-2	0.15	1.7	350	mg/m^3
3280	Vanadyl sulfate; (Oxysulfatovanadium)	27774-13-6	3.3	37	220	mg/m^3
3281	Vanilin	121-33-5	10	10	310	mg/m^3
3282	Vegetable oil	68956-68-3	45	65	390	mg/m^3
3283	Veratraldehyde	120-14-9	6	66	400	mg/m^3
3284	Vermiculite, exfoliated	1318-00-9	3	33	200	mg/m^3
3285	Vinyl 2-chloroethylsulfide; (2-Chloroethylthio ethene)	81142-02-1	0.031	0.34	2	mg/m^3
3286	**Vinyl acetate**	**108-05-4**	**6.7**	**180**	**610**	ppm
3287	Vinyl acetate-vinyl chloride copolymer; (Acetic acid, vinyl ester, polymer with chloroethylene)	9003-22-9	2.4	27	790	mg/m^3
3288	Vinyl acrylic resin; (Vinyl acetate, polymer with n-butyl acrylate)	25067-01-0	30	330	2,000	mg/m^3
3289	Vinyl bromide	593-60-2	1.5	670	2,300	ppm
3290	**Vinyl chloride**	**75-01-4**	**250**	**1,200**	**4,800**	ppm
3291	Vinyl ethyl ether; (Ethoxy ethene)	109-92-2	9.4	100	620	ppm
3292	Vinyl fluoride	75-02-5	570	***6,200***	***37,000***	ppm
3293	Vinyl sulfoxide	1115-15-7	0.62	6.8	41	mg/m^3
3294	Vinyl terminated dimethylsiloxane-diphenylsiloxane copolymer	68951-96-2	60	660	4,000	mg/m^3
3295	**Vinyl trichlorosilane**	**75-94-5**	**0.6**	**7.3**	**33**	ppm
3296	Vinyl-2-pyrrolidinone, 1-	88-12-0	0.15	1.2	31	ppm
3297	Vinylbenzylchloride; (4-Vinylbenzyl chloride)	1592-20-7	1.2	13	79	mg/m^3

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No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3298	Vinylcyclohexene, 4-; (Cyclohexenylethylene)	100-40-3	0.3	38	310	ppm
3299	Vinylformamide, N-	13162-05-5	3.1	35	210	mg/m^3
3300	**Vinylidene chloride; (1,1-Dichloroethylene)**	**75-35-4**	45	**500**	**1,000**	ppm
3301	Vinylidene fluoride; (1,1-Difluoroethene)	75-38-7	500	500	***11,000***	ppm
3302	Vinylmagnesium bromide	1826-67-1	1.2	13	79	mg/m^3
3303	Vinylpyrrolidone/vinyl acetate copolymer	25086-89-9	21	120	120	mg/m^3
3304	Virginia refrigeration oil 150 and 300; (Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic)	64742-52-5	1	12	2,000	mg/m^3
3305	Warfarin	81-81-2	1.8	20	350	mg/m^3
3306	Warfarin sodium	129-06-6	0.82	9	9	mg/m^3
3307	Xenon	7440-63-3	65,000	2.30E+05	4.00E+05	ppm
3308	Xylene, m-	108-38-3	150	200	1,000	ppm
3309	Xylene, o-	95-47-6	150	200	1,000	ppm
3310	Xylene, p-	106-42-3	150	200	***1,000***	ppm
3311	**Xylenes**	**1330-20-7**	**130**	**920**	***2,500***	ppm
3312	Xylenol orange tetrasodium salt	3618-43-7	30	330	2,000	mg/m^3
3313	Xylidine	1300-73-8	10	25	150	ppm
3314	Xylidine, 2,6-	87-62-7	10	10	150	ppm
3315	Xylidine, o-; (2,3-Xylidine)	87-59-2	10	25	150	ppm
3316	Xylylene dichloride	28347-13-9	0.18	2	8.8	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3317	Yeast extract	8013-01-2	27	300	1,800	mg/m^3
3318	Ytterbium fluoride	13760-80-0	10	10	2,000	mg/m^3
3319	Ytterbium oxide	1314-37-0	30	330	2,000	mg/m^3
3320	Yttrium	7440-65-5	3	33	200	mg/m^3
3321	Yttrium chloride, hexahydrate	10025-94-2	10	34	34	mg/m^3
3322	Yttrium oxide	11130-29-3	1.8	1.8	91	mg/m^3
3323	Yttrium trioxide	1314-36-9	1.3	1.3	91	mg/m^3
3324	Zeolites, CaA	68989-20-8	6	66	400	mg/m^3
3325	Zeolites, KA	68989-21-9	30	330	2,000	mg/m^3
3326	Zeolites, NaA	68989-22-0	0.061	0.67	4	mg/m^3
3327	Zeolites, NaX	68989-23-1	30	330	2,000	mg/m^3
3328	Zinc	7440-66-6	1.9	21	120	mg/m^3
3329	Zinc acetate	557-34-6	0.18	2	500	mg/m^3
3330	Zinc acetate dihydrate	5970-45-6	4.8	52	160	mg/m^3
3331	Zinc bromide	7699-45-8	1.5	17	99	mg/m^3
3332	Zinc carbonate	3486-35-9	0.81	8.9	54	mg/m^3
3333	Zinc carbonate hydroxide	5263-02-5	30	330	2,000	mg/m^3
3334	Zinc chloride	7646-85-7	2	34	4,800	mg/m^3
3335	Zinc cyanide	557-21-1	23	23	230	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3336	Zinc fluoride	7783-49-5	20	230	1,400	mg/m^3
3337	Zinc hydroxide	20427-58-1	0.6	1.5	60	mg/m^3
3338	Zinc nitrate	7779-88-6	0.72	8	48	mg/m^3
3339	Zinc nitrate hexahydrate	10196-18-6	3.6	39	240	mg/m^3
3340	Zinc nitrite	10102-02-0	0.075	0.6	60	mg/m^3
3341	Zinc oxide	1314-13-2	10	15	2,500	mg/m^3
3342	Zinc perchlorate	13637-61-1	30	330	2,000	mg/m^3
3343	Zinc phenolsulfonate; (Zinc p-hydroxybenzenesulfonate)	127-82-2	5.4	59	360	mg/m^3
3344	Zinc phosphate (3:2)	7779-90-0	1.8	20	120	mg/m^3
3345	**Zinc phosphide**	**1314-84-7**	0.091	**1**	**1.8**	ppm
3346	Zinc stearate	557-05-1	13	13	77	mg/m^3
3347	Zinc sulfate	7733-02-0	0.13	1.4	340	mg/m^3
3348	Zinc sulfate heptahydrate (1:1:7)	7446-20-0	18	120	120	mg/m^3
3349	Zinc sulfide	1314-98-3	3.4	37	220	mg/m^3
3350	Zirconium	7440-67-7	10	10	500	mg/m^3
3351	Zirconium boride	12045-64-6	12	12	620	mg/m^3
3352	Zirconium carbide	12070-14-3	13	110	630	mg/m^3
3353	Zirconium chloride	10026-11-6	26	220	1,300	mg/m^3
3354	Zirconium chloride oxide octahydrate	13520-92-8	35	35	1,800	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3355	Zirconium fluoride	7783-64-4	66	730	4,400	mg/m^3
3356	Zirconium hydride	7704-99-6	10	10	510	mg/m^3
3357	Zirconium hydroxide	14475-63-9	17	150	870	mg/m^3
3358	Zirconium nitrate	13746-89-9	37	320	1,900	mg/m^3
3359	Zirconium nitride	25658-42-8	12	97	580	mg/m^3
3360	Zirconium nitrite	z-0088	15	130	750	mg/m^3
3361	Zirconium oxide	1314-23-4	14	110	680	mg/m^3
3362	Zirconium oxynitrate hydrate	14985-18-3	27	230	1,400	mg/m^3
3363	Zirconium phosphide	12037-80-8	17	140	840	mg/m^3
3364	Zirconium potassium fluoride; (Potassium fluorozirconate)	16923-95-8	110	1,300	7,500	mg/m^3
3365	Zirconium silane	z-0089	16	140	810	mg/m^3
3366	Zirconium silicate; (Zirconium silicon oxide; Zircon)	10101-52-7	21	170	1,000	mg/m^3
3367	Zirconium sulfate tetrahydrate	7446-31-3	39	39	1,900	mg/m^3
3368	Zirconyl chloride; (Zirconium oxychloride)	7699-43-6	20	65	980	mg/m^3
3369	Zirconyl nitrate; (Bis(nitrato-O)oxozirconium)	13826-66-9	25	220	1,300	mg/m^3
3370	Zonyl fsn fluorosurfactant	65545-80-4	41	460	2,700	mg/m^3
3371	zzAcrylic latex	z-0090	30	330	2,000	mg/m^3
3372	zzAlumination 301	z-0091	30	330	2,000	mg/m^3
3373	zzHydranal coulomat / AG	z-0092	30	330	2,000	mg/m^3

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Table 2: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed in alphabetical order)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3374	zzHydrocarbon polymer	z-0093	30	330	2,000	mg/m^3
3375	zzHydrocount(R), LSC cocktail	z-0094	30	330	2,000	mg/m^3
3376	zzIconol(R)	z-0095	30	330	2,000	mg/m^3
3377	zzMachine coolant 1	z-0096	30	330	2,000	mg/m^3
3378	zzMonophase- S	z-0097	30	330	2,000	mg/m^3
3379	zzMornar	z-0098	30	330	2,000	mg/m^3
3380	zzOpti-Fluor; (Alkyl benzene blend, 3% tributylphophate)	z-0099	25	42	250	mg/m^3
3381	zzPropanol (-2) aluminum derivative	z-0101	6	66	400	mg/m^3
3382	zzScintillation cocktail, Ultima Gold XR	z-0102	0.5	3	15	mg/m^3
3383	zzSicapent	z-0103	30	330	2,000	mg/m^3
3384	zzSynthetic resins	z-0104	30	330	2,000	mg/m^3
3385	zzTotal sequestrant reagent #5	z-0105	40	100	500	mg/m^3
3386	zzTrifluoroacetyl)-N,0,0,0-tetrakis((TMS)norepinephrine, N-(	z-0106	0.015	0.16	2.2	mg/m^3
3387	zzWaste oil	z-0107	30	330	2,000	mg/m^3

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