Table 3: Protective Action Criteria (PAC) Rev 27 based on applicable 60-minute AEGLs, ERPGs, or TEELs. The chemicals are listed by CASRN. February 2012

Table 3 presents a list of chemicals and associated PAC values in numerical order based on the CASRN[1] for each chemical. Chemicals without an identified CASRN number are issued an identification number, preceded by the letter "z" for purposes of identification in the PAC data set. PACs are presented in the units of the original request, either ppm or mg/m^3.

The columns presented in Table 3 provide the following information:

Heading	Definition
No.	The ordered numbering of the chemicals as they appear in this listing by CASRN
Chemical Name	The name of the chemical substance submitted to the PAC development team
CASRN	The Chemical Abstracts Service Registry Number for this 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 of the original request (ppm or mg/m^3)

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

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 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1	**Formaldehyde**	**50-00-0**	**0.90**	**14**	**56**	ppm
2	Guanidinehydrochloride	50-01-1	1.4	16	94	mg/m^3
3	Mitomycin C	50-07-7	2.1	23	23	mg/m^3
4	Ergocalciferol; (Vitamin D2)	50-14-6	3.6	40	40	mg/m^3
5	Lactic acid	50-21-5	0.47	5.2	700	mg/m^3
6	DDT; (Dichlorodiphenyltrichloroethane)	50-29-3	1	1	38	mg/m^3
7	Benzo(a)pyrene; (Coal tar pitch volatiles)	50-32-8	0.6	1.6	700	mg/m^3
8	Sorbitol, D-; (D-Glucitol)	50-70-4	30	330	3,100	mg/m^3
9	Ascorbic acid	50-81-7	46	500	1,800	mg/m^3
10	Glucose, D-; (Dextrose, anhydrous)	50-99-7	77	850	5,100	mg/m^3
11	Piperonyl butoxide	51-03-6	1.2	13	1,200	mg/m^3
12	Fluorouracil	51-21-8	1.7	19	46	mg/m^3
13	Dinitrophenol, 2,4-	51-28-5	0.22	2.5	39	mg/m^3
14	Epinephrine; (Vasotonin; (R)-4-(1-Hydroxy-2-(methylamino)ethyl)-1,2-benzenediol)	51-43-4	0.0015	0.0015	0.0015	mg/m^3
15	**Nitrogen mustard; (Bis(b-chloroethyl)methylamine; Nitrogen mustard-2)**	**51-75-2**	0.002	**0.022**	**0.37**	mg/m^3
16	Urethane; (Carbamic acid, ethyl ester; Ethyl carbamate)	51-79-6	5.1	56	360	mg/m^3
17	Carbachol chloride	51-83-2	1.4	15	15	mg/m^3

Compounds with unknown CASRNs are issued a “z-number” for identification purposes.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
18	Trichlorohydroxyethyl dimethylphosphonate; ((2,2,2-Trichloro-1-hydroxyethyl)dimethylphosphonate; Trichlorphon)	52-68-6	1.2	13	57	mg/m^3
19	Dibenza(a,h)anthracene	53-70-3	0.034	0.37	4.5	mg/m^3
20	Acetylaminofluorene, 2-	53-96-3	0.45	4.9	88	mg/m^3
21	Nicotine; (Pyridine, (S)-3-(1-methyl-2-pyrrolidinyl)-)	54-11-5	0.5	3.5	35	mg/m^3
22	Sodium salicylate; (Salicylic acid, sodium salt)	54-21-7	12	140	770	mg/m^3
23	Aminopterin; (Aminopteridine)	54-62-6	2.3	25	25	mg/m^3
24	Benzamide	55-21-0	4.7	52	310	mg/m^3
25	Fenthion	55-38-9	0.15	27	27	mg/m^3
26	Nitroglycerin	55-63-0	0.1	2	500	mg/m^3
27	Nitrogen mustard hydrochloride	55-86-7	0.15	1.6	2	mg/m^3
28	Diisopropylfluorophosphate; (Phosphorofluoridic acid, bis(1-methylethyl) ester)	55-91-4	0.33	3.6	3.6	mg/m^3
29	Diaminodipropylamine, 3,3-; (Aminobis(propylamine))	56-18-8	0.41	4.5	27	ppm
30	**Carbon tetrachloride**	**56-23-5**	**44**	**190**	**520**	ppm
31	Cantharidin	56-25-7	0.39	4.3	4.3	mg/m^3
32	Tetraethylammonium chloride	56-34-8	0.2	2.2	520	mg/m^3
33	**Parathion**	**56-38-2**	0.14	**1.5**	**2.0**	mg/m^3
34	Glycine; (Aminoacetic acid)	56-40-6	2.2	25	1,600	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
35	Methylcholanthrene, 3-	56-49-5	0.074	0.82	45	mg/m^3
36	Diethylstilbestrol; ((E)-4,4'-(1,2-Diethyl-1,2-ethenediyl)bisphenol)	56-53-1	0.018	0.2	13	mg/m^3
37	Benzo(a)anthracene	56-55-3	1.2	13	79	mg/m^3
38	Coumaphos	56-72-4	0.27	3	13	mg/m^3
39	Chloramphenicol	56-75-7	1.5	1.8	500	mg/m^3
40	Glycerine (mist); (Glycerol; Glycerin)	56-81-5	30	310	2,500	mg/m^3
41	Glutamic acid, L-; ((S)-(+)-Glutamic acid)	56-86-0	1.4	16	93	mg/m^3
42	Allyl isothiocyanate; (Mustard oil)	57-06-7	1	2	5.5	ppm
43	Ammonium, hexadecyltrimethyl-, bromide; (Hexadecyltrimethylammonium bromide)	57-09-0	1.2	14	81	mg/m^3
44	Hexadecanoic acid; (Palmitic acid)	57-10-3	2	12	12	mg/m^3
45	Octadecanoic acid, n-; (Stearic acid)	57-11-4	0.13	1.4	8.5	mg/m^3
46	Cyanide	57-12-5	8.3	8.3	50	mg/m^3
47	Urea	57-13-6	10	10	1,700	mg/m^3
48	**Dimethylhydrazine, 1,1-**	**57-14-7**	0.27	**3.0**	**11**	ppm
49	Strychnine	57-24-9	0.15	0.3	3	mg/m^3
50	Pentobarbital sodium; (Nembutal sodium)	57-33-0	0.13	1.4	23	mg/m^3
51	Physostigmine	57-47-6	0.41	4.5	4.5	mg/m^3

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
52	Sucrose	57-50-1	30	980	5,900	mg/m^3
53	Propylene glycol; (1,2-Propanediol)	57-55-6	30	1,300	7,900	mg/m^3
54	Propiolactone, b-	57-57-8	0.5	0.51	1.3	ppm
55	Physostigmine salicylate (1:1)	57-64-7	0.23	2.5	2.5	mg/m^3
56	Chlordane	57-74-9	4.5	50	500	mg/m^3
57	Oxydiphenoxarsine, 10,10'-; (Phenoxarsine oxide)	58-36-6	1.7	14	14	mg/m^3
58	Lindane; (gamma-Benzenehexachloride)	58-89-9	9.1	100	1,000	mg/m^3
59	Chloro-m-cresol, 4-	59-50-7	5.5	60	360	mg/m^3
60	Nicotinic acid; (Niacin)	59-67-6	0.57	6.2	1,400	mg/m^3
61	Phenylhydrazine hydrochloride	59-88-1	23	250	250	mg/m^3
62	Nitrosomorpholine	59-89-2	0.074	0.82	4.1	mg/m^3
63	Ethylenediaminetetraacetic acid; (EDTA)	60-00-4	7.1	78	160	mg/m^3
64	Phenylazo)aniline, p-(	60-09-3	0.048	0.53	43	mg/m^3
65	Dimethylaminoazobenzene, 4-	60-11-7	0.67	7.4	40	mg/m^3
66	Mercaptoethanol, 2-	60-24-2	0.6	1.3	29	ppm
67	Ethyl ether	60-29-7	500	500	19,000	ppm
68	**Monomethylhydrazine; (Methyl hydrazine)**	**60-34-4**	0.2	**0.9**	**2.7**	ppm

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
69	Acetamide	60-35-5	8.7	96	1,400	mg/m^3
70	Strychnine sulfate (2:1)	60-41-3	0.45	5	40	mg/m^3
71	Dimethoate	60-51-5	2.7	30	30	mg/m^3
72	Dieldrin	60-57-1	0.3	2.5	450	mg/m^3
73	Amitrole	61-82-5	0.6	8.2	220	mg/m^3
74	Phenylmercury acetate; (Acetoxyphenylmercury)	62-38-4	2	22	47	mg/m^3
75	Phenacetin; (p-Acetophenetidide)	62-44-2	0.4	4.4	40	mg/m^3
76	Methanesulfonic acid, ethyl ester; (Ethyl methanesulfonate)	62-50-0	0.2	2.2	140	mg/m^3
77	**Aniline**	**62-53-3**	**8.0**	**12**	**20**	ppm
78	Calcium acetate	62-54-4	13	140	850	mg/m^3
79	Thioacetamide	62-55-5	0.33	3.7	60	mg/m^3
80	Thiourea	62-56-6	0.84	9.3	80	mg/m^3
81	Dichlorovos; (Dichlorvos)	62-73-7	1.8	20	200	mg/m^3
82	Fluoroacetic acid, sodium salt; (Sodium fluoroacetate)	62-74-8	0.15	0.5	5	mg/m^3
83	Nitrosodimethylamine	62-75-9	1.7	19	19	mg/m^3
84	Sodium oxalate	62-76-0	0.56	6.2	37	mg/m^3
85	Carbaryl	63-25-2	1.5	100	600	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
86	Cytidine monophosphate; (Cytidine 5-monophosphate free acid)	63-37-6	6.8	74	450	mg/m^3
87	Sulfanilamide	63-74-1	0.62	6.8	770	mg/m^3
88	Cumenol methylcarbamate, m-; (3-(1-Methylethyl)phenol methylcarbamate)	64-00-6	1.5	16	16	mg/m^3
89	Ethylenediaminetetraacetic acid, tetrasodiumn salt; (Tetrasodium EDTA)	64-02-8	30	330	2,000	mg/m^3
90	**Ethyl alcohol; (Ethanol)**	**64-17-5**	**1,800**	**3,300**	15,000	ppm
91	**Formic acid**	**64-18-6**	**3**	**25**	**250**	ppm
92	**Acetic acid**	**64-19-7**	**5**	**35**	**250**	ppm
93	Ammonium, tetramethyl-, bromide; (Tetramethylammonium bromide)	64-20-0	0.15	1.7	9.9	mg/m^3
94	Diethyl sulfate	64-67-5	0.013	0.15	9.7	ppm
95	Tetracycline hydrochloride	64-75-5	0.57	6.3	1,300	mg/m^3
96	Colchicine	64-86-8	0.082	0.9	0.9	mg/m^3
97	Nicotine sulfate	65-30-5	0.82	9	9	mg/m^3
98	Benzoic acid	65-85-0	2.8	31	830	mg/m^3
99	Hexanal	66-25-1	2.2	24	77	ppm
100	Dinitrophenol, 2,3-	66-56-8	1.1	13	75	mg/m^3
101	Phenanthroline, 1,10-	66-71-7	0.03	0.33	16	mg/m^3
102	Cycloheximide	66-81-9	0.18	2	2	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
103	Diethylenetriaminepentaacetic acid	67-43-6	3.5	39	230	mg/m^3
104	Barbituric acid	67-52-7	1.1	12	990	mg/m^3
105	**Methyl alcohol; (Methanol)**	**67-56-1**	**530**	**2,100**	**7,200**	ppm
106	Isopropyl alcohol	67-63-0	400	400	12,000	ppm
107	**Acetone**	**67-64-1**	**200**	**3,200**	**5,700**	ppm
108	**Chloroform**	**67-66-3**	2	**64**	**3,200**	ppm
109	Dimethyl sulfoxide; (DMSO)	67-68-5	250	250	900	ppm
110	Dimethyl sulfone	67-71-0	15	170	990	mg/m^3
111	Hexachloroethane	67-72-1	3	6.7	300	ppm
112	Trisodium citrate	68-04-2	9.3	100	610	mg/m^3
113	Ethanaminium, N,N,N-triethyl-, iodide (1:1); (Tetraethylammoniumiodide; Ammonium, tetraethyl-, iodide)	68-05-3	0.315	1.3	7.6	mg/m^3
114	Mercaptoacetic acid; (Thioglycolic acid)	68-11-1	1	1	2.5	ppm
115	**Dimethylformamide, N,N-**	**68-12-2**	**2**	**91**	**530**	ppm
116	Hexanehexol, 1,2,3,4,5,6-; (Mannitol)	69-65-8	340	2,700	2,700	mg/m^3
117	Salicylic acid	69-72-7	0.11	1.2	180	mg/m^3
118	Guanidine, N-methyl-N'-nitro-N-nitroso-	70-25-7	0.037	0.41	18	mg/m^3
119	Hexachlorophene	70-30-4	11	120	220	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
120	Toluenesulfonamide, p-; (Pasam)	70-55-3	0.82	9	54	mg/m^3
121	Aminopropiophenone, 4-	70-69-9	0.51	5.6	35	mg/m^3
122	Propyl alcohol, n-; (n-Propanol)	71-23-8	250	250	4,000	ppm
123	Butyl alcohol, n-; (n-Butanol)	71-36-3	20	50	8,000	ppm
124	Amyl alcohol; (1-Pentanol)	71-41-0	20	20	43	ppm
125	**Benzene**	**71-43-2**	**52**	**800**	**4,000**	ppm
126	**Trichloroethane, 1,1,1-; (Methyl chloroform)**	**71-55-6**	**230**	**600**	**4,200**	ppm
127	Digitoxin	71-63-6	0.016	0.18	0.31	mg/m^3
128	Ammonium, tetraethyl-, bromide; (Tetraethyl ammonium bromide)	71-91-0	0.41	4.5	43	mg/m^3
129	Sodium lactate; (Lactic acid, monosodium salt)	72-17-3	2.8	30	790	mg/m^3
130	Endrin	72-20-8	1.8	20	2,000	mg/m^3
131	Methoxychlor	72-43-5	30	53	7,000	mg/m^3
132	Alizarin; (1,2-Dihydroxyanthraquinone; Turkey red oil)	72-48-0	0.18	2	12	mg/m^3
133	DDD; (1,1-bis(4-Chlorophenyl)-2,2-dichloroethane)	72-54-8	1.2	13	4,700	mg/m^3
134	DDE; (2,2-bis(p-Chlorophenyl)-1,1-dichloroethylene)	72-55-9	2.4	26	170	mg/m^3
135	Trypan blue	72-57-1	0.37	4.1	1,200	mg/m^3
136	Arginine, L-	74-79-3	30	330	2,000	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
137	Methane	74-82-8	2,900	2,900	17,000	ppm
138	**Methyl bromide; (Bromomethane)**	**74-83-9**	19	**210**	**740**	ppm
139	Ethane	74-84-0	3,000	33,000	2.00E+05	ppm
140	Ethylene	74-85-1	600	6,600	40,000	ppm
141	Acetylene	74-86-2	65,000	2.30E+05	4.00E+05	ppm
142	**Methyl chloride**	**74-87-3**	100	**910**	**3,000**	ppm
143	**Methyl iodide**	**74-88-4**	**25**	**50**	**125**	ppm
144	**Monomethylamine; (Methylamine)**	**74-89-5**	**15**	**64**	**350**	ppm
145	**Hydrogen cyanide; (Hydrocyanic acid)**	**74-90-8**	**2.0**	**7.1**	**15**	ppm
146	**Methyl mercaptan**	**74-93-1**	**0.005**	**47**	**68**	ppm
147	Dibromomethane; (Methylene dibromide)	74-95-3	0.23	2.5	200	ppm
148	Bromoethane; (Ethyl bromide)	74-96-4	15	67	3,500	ppm
149	Bromochloromethane	74-97-5	200	200	5,000	ppm
150	**Propane**	**74-98-6**	**5,500**	**17,000**	**33,000**	ppm
151	Methyl acetylene	74-99-7	1,000	1,000	15,000	ppm
152	Ethyl chloride; (Chloroethane)	75-00-3	100	100	20,000	ppm
153	**Vinyl chloride**	**75-01-4**	**250**	**1,200**	**4,800**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
154	Vinyl fluoride	75-02-5	570	6,200	37,000	ppm
155	Iodoethane; (Ethyl iodide)	75-03-6	0.03	24	140	ppm
156	**Ethylamine; (Monoethylamine; Ethylamine anhydrous)**	**75-04-7**	**7.5**	**49**	**270**	ppm
157	**Acetonitrile**	**75-05-8**	**13**	**320**	**670**	ppm
158	**Acetaldehyde**	**75-07-0**	**45**	**270**	**840**	ppm
159	**Ethanethiol; (Ethyl mercaptan)**	**75-08-1**	**1.0**	**120**	**360**	ppm
160	**Methylene chloride; (Dichloromethane)**	**75-09-2**	**200**	**560**	**6,900**	ppm
161	Methylene fluoride; (Difluoromethane; HFC-32)	75-10-5	1,300	1,300	39,000	ppm
162	Diiodomethane; (Methylene iodide)	75-11-6	100	1,100	6,700	mg/m^3
163	Formamide	75-12-7	13	13	600	ppm
164	Isocyanic acid	75-13-8	0.042	0.46	2.8	ppm
165	**Carbon disulfide**	**75-15-0**	**13.0**	**160**	**480**	ppm
166	Methylmagnesium bromide, 3.0 m in diethyl ether	75-16-1	0.067	0.73	4.4	ppm
167	**Dimethyl sulfide; (2-Thiopropane)**	**75-18-3**	**0.5**	**1,000**	**5,000**	ppm
168	Cyclopropane	75-19-4	13	140	5,000	ppm
169	Calcium carbide	75-20-7	30	330	2,000	mg/m^3
170	**Ethylene oxide; (Oxirane)**	**75-21-8**	5	**45**	**200**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
171	Trimethylaluminum	75-24-1	16	170	1,000	mg/m^3
172	Bromoform; (Tribromomethane)	75-25-2	1.5	6.7	15	ppm
173	Bromopropane, 2-	75-26-3	22	240	1,400	ppm
174	Bromodichloromethane	75-27-4	0.26	2.9	85	mg/m^3
175	Methylpropane, 2-; (Isobutane)	75-28-5	800	800	4,000	ppm
176	Isopropyl chloride; (2-Chloropropane)	75-29-6	150	520	1,600	ppm
177	Isopropylamine; (2-Propanamine)	75-31-0	10	670	4,000	ppm
178	Ethylidene chloride, 1,1-; (1,1-Dichloroethane)	75-34-3	160	160	4,000	ppm
179	**Vinylidene chloride; (1,1-Dichloroethylene)**	**75-35-4**	45	**500**	**1,000**	ppm
180	Acetyl chloride	75-36-5	0.85	9.4	56	ppm
181	**Difluoroethane; (1,1-Difluoroethane; HFC 152a)**	**75-37-6**	**10,000**	**15,000**	**25,000**	ppm
182	Vinylidene fluoride; (1,1-Difluoroethene)	75-38-7	500	500	11,000	ppm
183	Dichlorofluoromethane; (Freon 21, CFC 21)	75-43-4	91	1,000	50,000	ppm
184	**Phosgene**	**75-44-5**	0.1	**0.30**	**0.75**	ppm
185	Chlorodifluoromethane; (Freon 22; CFC 22)	75-45-6	1,250	2,100	2,400	ppm
186	Carbon trifluoride; (Trifluoromethane; Fluoroform)	75-46-7	64	700	4,200	ppm
187	**Trimethylamine**	**75-50-3**	**8.0**	**120**	**380**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
188	Nitromethane	75-52-5	38	38	1,000	ppm
189	**Methyl dichlorosilane; (Dichloromethylsilane)**	**75-54-7**	**0.90**	**11**	**50**	ppm
190	**Propyleneimine, 1,2-**	**75-55-8**	0.4	**12**	**23**	ppm
191	**Propylene oxide; (Methyl ethylene oxide)**	**75-56-9**	**73**	**290**	**870**	ppm
192	Tetramethylammonium chloride	75-57-0	0.15	1.7	9.9	mg/m^3
193	Tetramethylammonium hydroxide	75-59-2	0.027	0.29	0.67	mg/m^3
194	Cacodylic acid; (Arsenic acid, dimethyl-)	75-60-5	0.5	0.5	130	mg/m^3
195	Bromotrichloromethane	75-62-7	0.088	0.97	5.8	ppm
196	Bromotrifluoromethane; (Trifluorobromomethane)	75-63-8	2,300	25,000	40,000	ppm
197	Butylamine, tert-	75-64-9	0.034	0.38	56	ppm
198	Tert-butyl alcohol; (tert-Butanol)	75-65-0	150	150	8,000	ppm
199	**Chloro-1,1-difluoroethane, 1-; (HCFC-142b)**	**75-68-3**	**10,000**	**15,000**	**25,000**	ppm
200	Trichlorofluoromethane; (Fluorotrichloromethane; Freon 11)	75-69-4	1,000	1,500	10,000	ppm
201	Dichlorodifluoromethane; (Freon 12, CFC 12)	75-71-8	1,000	10,000	50,000	ppm
202	Chlorotrifluoromethane; (CFC-13)	75-72-9	3,000	33,000	2.00E+05	ppm
203	Carbon tetrafluoride; (Tetrafluoromethane)	75-73-0	83	910	5,500	ppm
204	Tetramethyl lead	75-74-1	0.36	4	52	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
205	Methanesulfonic acid	75-75-2	2.2	24	140	mg/m^3
206	Tetramethylsilane	75-76-3	100	130	270	ppm
207	**Trimethylchlorosilane**	**75-77-4**	**1.8**	**22**	**100**	ppm
208	**Dimethyldichlorosilane**	**75-78-5**	**0.90**	**11**	**50**	ppm
209	**Methyltrichlorosilane; (Trichloromethyl silane)**	**75-79-6**	**0.60**	**7.3**	**33**	ppm
210	Dimethyl butane, 2,2-	75-83-2	510	510	3,100	ppm
211	Pentyl alcohol, tert-; (tert-Amyl alcohol)	75-85-4	3.5	38	67	ppm
212	**Methyllactonitrile, 2-; (Acetone cyanohydrin)**	**75-86-5**	**2.0**	**7.1**	**15**	ppm
213	Trichloroacetaldehyde; (Chloral)	75-87-6	0.16	1.8	19	mg/m^3
214	Trifluoroethanol, 2,2,2-; (Trifluoroethyl alcohol)	75-89-8	0.9	1.9	24	ppm
215	Dimethylethyl hydroperoxide, 1,1-; (tert-Butylhydroperoxide)	75-91-2	0.068	0.74	22	ppm
216	**Vinyl trichlorosilane**	**75-94-5**	**0.60**	**7.3**	**33**	ppm
217	Pinacolone; (3,3-Dimethyl-2-butanone)	75-97-8	0.74	8.1	49	ppm
218	Trimethylacetic acid; (Pivalic acid)	75-98-9	2.7	30	180	mg/m^3
219	Pentachloroethane	76-01-7	320	3,500	3,500	mg/m^3
220	Trichloroacetyl chloride	76-02-8	0.055	0.61	2.8	ppm
221	Trichloroacetic acid	76-03-9	1	1	12	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
222	Trifluoroacetic acid; (Trifluoroethanoic acid)	76-05-1	0.17	1.9	8.5	ppm
223	**Chloropicrin; (Trichloronitromethane)**	**76-06-2**	**0.050**	**0.15**	**1.4**	ppm
224	Tetrachloro-1,2-difluoroethane, 1,1,2,2-	76-12-0	150	290	15,000	ppm
225	Trichlorotrifluoroethane; (Freon 113; CFC113)	76-13-1	1,250	1,500	4,500	ppm
226	Dichlorotetrafluoroethane, 1,2-; (Freon 114, CFC 114)	76-14-2	1,000	10,000	50,000	ppm
227	Monochloropentafluoroethane; (CFC-115)	76-15-3	3,000	5,700	34,000	ppm
228	Hexafluoroethane; (Freon 116; Perfluoroethane)	76-16-4	730	6,100	6,100	ppm
229	Camphor	76-22-2	19	19	200	mg/m^3
230	Heptachlor	76-44-8	0.15	4.9	700	mg/m^3
231	Bromothymol blue; (Dibromothymolsulfonphthalein)	76-59-5	30	330	2,000	mg/m^3
232	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
233	Thymol blue; (6,6'-(3H-2,1-benzoxathiol-3-ylidene)dithymol, S,S-dioxide)	76-61-9	30	330	2,000	mg/m^3
234	Phenolphthalein	77-09-8	0.58	6.3	200	mg/m^3
235	Hexachlorocylopentadiene	77-47-4	0.01	0.018	0.071	ppm
236	Dibutyltin dilaurate; (Dibutylbis(lauroyloxy)stannane)	77-58-7	1.1	3.3	5.2	mg/m^3
237	**Dicyclopentadiene**	**77-73-6**	**0.01**	**5**	**75**	ppm
238	Dimethoxypropane, 2,2-	77-76-9	0.067	0.73	4.4	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
239	**Dimethyl sulfate**	**77-78-1**	**0.024**	**0.12**	**1.6**	ppm
240	**Ethyl dimethylamido-cyanophosphate; (Tabun; GA)**	**77-81-6**	**4.20E-04**	**0.0053**	**0.039**	ppm
241	Tris-hydroxymethylaminomethane; (THAM)	77-86-1	18	190	1,200	mg/m^3
242	Acetyl triethyl citrate	77-89-4	1.9	21	1,400	mg/m^3
243	Citric acid	77-92-9	0.37	4	590	mg/m^3
244	Tributyl citrate	77-94-1	0.32	3.5	43	ppm
245	Triethylethanaminium hydroxide, N,N,N-; (Tetraethyl ammonium hydroxide)	77-98-5	0.072	0.8	4.8	mg/m^3
246	Tetraethyl lead	78-00-2	0.36	4	62	mg/m^3
247	Triethoxyvinylsilane	78-08-0	2.3	26	150	ppm
248	**Tetraethyl orthosilicate; (Ethyl silicate; Tetraethoxysilane)**	**78-10-4**	**25**	**100**	**300**	ppm
249	Pentaerythritol tetranitrate	78-11-5	0.44	4.8	330	mg/m^3
250	Tripentaerythritol	78-24-0	30	330	2,000	mg/m^3
251	Tri-o-tolyl phosphate; (Triorthocresyl phosphate)	78-30-8	0.3	4.6	40	ppm
252	Dioxathion	78-34-2	0.31	3.4	39	mg/m^3
253	Diethyl ethylphosphonate	78-38-6	0.37	4.1	460	mg/m^3
254	Triethyl phosphate; (TEP)	78-40-0	4.2	46	9,200	mg/m^3
255	Tri(2-ethylhexyl) phosphate; (Tris(2-ethylhexyl)phosphate)	78-42-2	2.2	6.3	6.3	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
256	Dibutyl butylphosphonate	78-46-6	0.018	0.2	1.2	ppm
257	Tri-n-octylphosphine oxide; (Trioctylphophine oxide)	78-50-2	0.37	4.1	25	mg/m^3
258	Butoxyethanol phosphate, 2-	78-51-3	1.3	15	590	mg/m^3
259	Amiton; (O,O-Diethyl-S-(2-diethylaminoethyl) thiophosphate)	78-53-5	0.3	3.3	3.3	mg/m^3
260	Isophorone	78-59-1	4	5	800	ppm
261	Diethoxydimethylsilane	78-62-6	2.8	31	180	ppm
262	Azobis(2-methylpropionitrile), 2,2'-	78-67-1	1.5	16	130	mg/m^3
263	Bis(chloromethyl)oxetane, 3,3-	78-71-7	0.18	2	7	mg/m^3
264	Isopentane; (Ethyldimethylmethane; 2-Methylbutane)	78-78-4	600	610	4,400	ppm
265	**Isoprene**	**78-79-5**	**5**	**1,000**	**4,000**	ppm
266	Isobutylamine	78-81-9	2	10	15	ppm
267	**Isobutyronitrile**	**78-82-0**	**10**	**18**	**68**	ppm
268	Isobutyl alcohol	78-83-1	150	1,300	8,000	ppm
269	Isobutyraldehyde	78-84-2	65	65	470	ppm
270	**Methacrylaldehyde**	**78-85-3**	**0.2**	**2.8**	**4.7**	ppm
271	Chlorobutane, 2-; (sec-Butyl chloride)	78-86-4	0.12	1.4	310	ppm
272	Dichloropropane, 1,2-; (Propylene dichloride)	78-87-5	30	51	2,000	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
273	Dichloropropene, 2,3-	78-88-6	0.36	4	24	ppm
274	Propanediamine, 1,2-	78-90-0	6.7	74	440	mg/m^3
275	Butyl alcohol, sec-; (2-Butanol)	78-92-2	150	150	10,000	ppm
276	**Butanone, 2-; (Methyl ethyl ketone; MEK)**	**78-93-3**	**200**	**2,700**	**4,000**	ppm
277	**Methyl vinyl ketone; (3-Buten-2-one)**	**78-94-4**	**0.17**	**1.2**	**2.4**	ppm
278	**Chloroacetone**	**78-95-5**	0.4	**4.4**	**13**	ppm
279	Lactonitrile	78-97-7	1.6	18	18	mg/m^3
280	Dichloropropane, 1,1-	78-99-9	2.3	26	150	ppm
281	Trichloroethane, 1,1,2-	79-00-5	15	15	500	ppm
282	**Trichloroethylene**	**79-01-6**	**130**	**450**	**3,800**	ppm
283	Propionyl chloride	79-03-8	0.05	0.55	3.3	ppm
284	**Chloroacetyl chloride**	**79-04-9**	**0.040**	**1.6**	**52**	ppm
285	Acrylamide	79-06-1	10	110	110	mg/m^3
286	Bromoacetic acid	79-08-3	0.021	0.23	1.4	mg/m^3
287	Propionic acid	79-09-4	15	15	170	ppm
288	**Acrylic acid**	**79-10-7**	**1.5**	**46**	**180**	ppm
289	**Chloroacetic acid; (Monochloroacetic acid)**	**79-11-8**	0.6	**6.6**	24	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
290	Glycolic acid; (Hydroxyacetic acid)	79-14-1	4.7	51	390	mg/m^3
291	Thiosemicarbazide	79-19-6	0.84	9.2	9.2	mg/m^3
292	Methyl acetate	79-20-9	250	250	10,000	ppm
293	**Peracetic acid**	**79-21-0**	**0.52**	**1.60**	**15**	mg/m^3
294	**Methyl chloroformate; (Methyl chlorocarbonate)**	**79-22-1**	0.2	**2.2**	**6.7**	ppm
295	Nitroethane	79-24-3	170	170	1,000	ppm
296	Tetrabromoethane, 1,1,2,2-; (Acetylene tetrabromide)	79-27-6	0.3	0.79	10	ppm
297	Isobutyric acid	79-31-2	0.23	2.6	15	ppm
298	Tetrachloroethane, 1,1,2,2-	79-34-5	1	1	150	ppm
299	**Dichloroacetyl chloride**	**79-36-7**	**0.040**	**1.60**	**52**	ppm
300	Oxalyl chlorine	79-37-8	0.77	8.5	51	ppm
301	**Chlorotrifluoroethylene**	**79-38-9**	**16**	**86**	**420**	ppm
302	Methacrylamide	79-39-0	0.49	5.4	91	mg/m^3
303	**Methacrylic acid**	**79-41-4**	**6.7**	**61**	**220**	ppm
304	Dichloroacetic acid	79-43-6	1.5	6.9	110	ppm
305	Dimethyl carbamoyl chloride	79-44-7	0.015	0.026	9.1	ppm
306	Nitropropane, 2-	79-46-9	10	10	2,300	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
307	Phenaglycodol; (Ultran; 2-p-Chlorophenyl-3-methyl-2,3-butanediol)	79-93-6	2.5	27	160	mg/m^3
308	Bisphenol A; (4,4'-Isopropylidenediphenol)	80-05-7	5	5	240	mg/m^3
309	Diaminodiphenylsulfone; (4,4'-Sulfonyldianiline)	80-08-0	0.72	7.9	200	mg/m^3
310	**Diphenyldichlorosilane**	**80-10-4**	**0.90**	**11**	**50**	ppm
311	Cumene hydroperoxide; (Isopropylbenzene hydroperoxide)	80-15-9	1.1	1.1	9.7	ppm
312	Toluenesulfonic acid, methyl ester, p-	80-48-8	0.074	0.82	68	mg/m^3
313	Methyllactic acid ethyl ester, 2-; (Ethyl 2-hydroxyisobutyrate)	80-55-7	9.2	100	610	mg/m^3
314	Trimethylbicyclo(3.1.1)-2-hept-2-ene, 2,6,6-; (alpha-Pinene)	80-56-8	22	22	130	ppm
315	**Methyl methacrylate**	**80-62-6**	**17**	**120**	**570**	ppm
316	Methyl-2-chloroacrylate	80-63-7	0.091	1	3.6	ppm
317	Nitro-m-xylene, 2-; (1,3-Dimethyl-2-nitrobenzene)	81-20-9	7.9	86	520	mg/m^3
318	Warfarin	81-81-2	1.8	20	350	mg/m^3
319	Food Red 15; (FD&C Red No. 19)	81-88-9	0.12	1.3	44	mg/m^3
320	Diphacinone; (Diphenadione)	82-66-6	0.082	0.9	88	mg/m^3
321	Pentachloronitrobenzene	82-68-8	1.5	10	62	mg/m^3
322	Acenaphthene	83-32-9	3.6	40	240	mg/m^3
323	Dimethyl-3-nitrobenzene, 1,2-	83-41-0	30	330	2,000	mg/m^3

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Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
324	Rotenone	83-79-4	5	5	160	mg/m^3
325	Riboflavine	83-88-5	3	33	200	mg/m^3
326	Anthraquinone	84-65-1	0.87	9.6	57	mg/m^3
327	Diethyl phthalate; (Ethyl phthalate)	84-66-2	5	5	1,700	mg/m^3
328	Dibutyl phthalate	84-74-2	15	31	9,300	mg/m^3
329	Phenanthrene	85-01-8	0.76	8.3	360	mg/m^3
330	Memtetrahydrophthalic anhydride; (Tetrahydrophthalic anhydride)	85-43-8	16	180	1,100	mg/m^3
331	Phthalic anhydride	85-44-9	18.3	20	10,000	mg/m^3
332	Phthalic acid, benzyl butyl ester; (Benzyl butyl phthalate)	85-68-7	15	20	460	mg/m^3
333	Diphenylnitrosamine	86-30-6	1.4	16	360	mg/m^3
334	Azinphos methyl; (Guthion)	86-50-0	0.2	0.7	20	mg/m^3
335	Amino-1,3-naphthalenedisulfonic acid, 7-	86-65-7	1.1	12	72	mg/m^3
336	Fluorene, 9H-	86-73-7	6.6	72	430	mg/m^3
337	Carbazole	86-74-8	0.66	7.2	43	mg/m^3
338	Naphthaleneacetamide, 1-	86-86-2	5.1	56	330	mg/m^3
339	Naphthylthiourea, alpha-; (ANTU)	86-88-4	0.91	10	100	mg/m^3
340	Xylidine, o-; (2,3-Xylidine)	87-59-2	10	25	150	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
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No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
341	Trichlorobenzene, 1,2,3-	87-61-6	6.3	6.3	360	mg/m^3
342	Xylidine, 2,6-	87-62-7	10	10	150	ppm
343	Dichlorophenol, 2,6-	87-65-0	8.8	97	580	mg/m^3
344	Pyrogallic acid	87-66-1	0.15	1.6	31	mg/m^3
345	**Hexachlorobutadiene**	**87-68-3**	**1**	**3**	**10**	ppm
346	Tartaric acid	87-69-4	1.6	17	100	mg/m^3
347	Pentachlorophenol	87-86-5	1.4	15	150	mg/m^3
348	Trichloroisocyanuric acid	87-90-1	59	650	3,900	mg/m^3
349	Diethyl tartrate	87-91-2	30	330	2,000	mg/m^3
350	Trimethylaniline, 2,4,6-	88-05-1	0.26	2.9	10	mg/m^3
351	Trichlorophenol, 2,4,6-	88-06-2	1.8	20	160	mg/m^3
352	Vinyl-2-pyrrolidinone, 1-	88-12-0	0.15	1.2	31	ppm
353	Chlorobenzotrifluoride, 2-	88-16-4	4.8	53	320	mg/m^3
354	Trifluoro-4-nitro-m-cresol, alpha,alpha,alpha-; (4-Nitro-3-(trifluoromethyl)phenol)	88-30-2	0.42	4.7	28	mg/m^3
355	Di-tert-butylhydroquinone, 2,5-	88-58-4	2.3	25	110	mg/m^3
356	Nitrotoluene, o-	88-72-2	2	2	200	ppm
357	Nitroaniline, 2-; (o-Nitroaniline)	88-74-4	4.8	53	320	mg/m^3

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Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
358	Nitrophenol, 2-; (o-Nitrophenol)	88-75-5	1	11	66	mg/m^3
359	Dinoseb; (2-sec-Butyl-4,6-dinitrophenol)	88-85-7	0.41	4.5	4.5	mg/m^3
360	Picric acid	88-89-1	0.3	17	100	mg/m^3
361	Phthaloyl dichloride; (Phthaloyl chloride)	88-95-9	0.067	0.73	4.4	ppm
362	Phthalic acid	88-99-3	22	240	1,600	mg/m^3
363	Pyromellitic acid	89-05-4	0.98	11	65	mg/m^3
364	Methyl-1-phenyl-2-pyrazolin-5-one, 3-	89-25-8	11	120	690	mg/m^3
365	Benzenetetracarboxylic dianhydride, 1,2,4,5-	89-32-7	0.33	3.6	5.8	mg/m^3
366	Chloro-2-nitrophenol, 4-	89-64-5	0.3	3.3	20	mg/m^3
367	Trichloronitrobenzene, 2,4,5-	89-69-0	3.6	40	240	mg/m^3
368	Methyl-2-(1-methylethyl)phenol, 5-; (Thymol)	89-83-8	2.9	32	190	mg/m^3
369	Dihydroxybenzoic acid, 2,4-	89-86-1	0.087	0.95	170	mg/m^3
370	Salicylaldehyde	90-02-8	0.054	0.59	100	mg/m^3
371	Anisidine, o-	90-04-0	1.5	8.3	50	mg/m^3
372	Bromonaphthalene	90-11-9	2.4	27	160	mg/m^3
373	Methylnaphthalene, 1-	90-12-0	20	20	360	mg/m^3
374	Chloronaphthalene, 1-; (alpha-Chloronaphthalene)	90-13-1	4.6	51	310	mg/m^3

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
375	Naphthol, 1-	90-15-3	8.7	96	370	mg/m^3
376	Phenylphenol, 2-	90-43-7	10	110	400	mg/m^3
377	Hydroxyphenylacetic acid, alpha-	90-64-2	25	270	1,600	mg/m^3
378	Tris(dimethylaminomethyl)phenol, 2,4,6-	90-72-2	3.6	40	240	mg/m^3
379	Michler's ketone; (4,4'-Bis(dimethylamino)benzophenone)	90-94-8	0.2	2.2	14	mg/m^3
380	**Toluene-2,6-diisocyanate**	**91-08-7**	**0.020**	**0.083**	**0.51**	ppm
381	Dimethoxybenzene, o-	91-16-7	2.7	29	180	mg/m^3
382	Decahydronaphthalene	91-17-8	0.032	0.35	31	ppm
383	Naphthalene	91-20-3	15	15	500	ppm
384	Quinoline	91-22-5	0.003	0.46	12	ppm
385	Methylnaphthalene, 2-	91-57-6	3	3	320	mg/m^3
386	Chloronaphthalene, 2-; (beta-Chloronaphthalene)	91-58-7	0.6	69	410	mg/m^3
387	Naphthylamine, beta-	91-59-8	0.32	3.5	140	mg/m^3
388	Coumarin	91-64-5	0.018	0.2	58	mg/m^3
389	Diethylaniline, N,N-	91-66-7	1.3	14	85	mg/m^3
390	Dichlorobenzidene, 3,3'-	91-94-1	0.035	0.38	73	ppm
391	Dicyclohexyl; (Cyclohexylcyclohexane)	92-51-3	6	66	400	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
392	**Diphenyl; (Biphenyl)**	**92-52-4**	0.87	**9.6**	300	ppm
393	Aminodiphenyl, p-	92-67-1	0.49	5.4	99	mg/m^3
394	Biphenylol, 4-	92-69-3	0.81	8.9	32	mg/m^3
395	Diphenyloxazole, 2,5-	92-71-7	2.5	27	160	mg/m^3
396	Benzidene	92-87-5	0.03	0.33	61	mg/m^3
397	Nitrobiphenyl, 4-; (p-Nitrobiphenyl)	92-93-3	0.15	1.6	440	mg/m^3
398	Terphenyl, p-	92-94-4	0.45	5	240	mg/m^3
399	Methyl benzoate; (Benzoic acid, methyl ester)	93-58-3	0.39	4.3	42	ppm
400	Trichlorophenoxy)propionic acid, 2-(2,4,5-; (Silvex)	93-72-1	0.3	3.3	130	mg/m^3
401	Trichlorophenoxyacetic acid, 2,4,5-; (2,4,5-T)	93-76-5	10	10	59	mg/m^3
402	Ethyl benzoate	93-89-0	6.3	69	420	mg/m^3
403	Benzoyl peroxide	94-36-0	15	1,200	7,000	mg/m^3
404	Safrol; (5-(2-Propenyl)-1,3-benzodioxole)	94-59-7	1.6	18	390	mg/m^3
405	Dichlorophenoxyacetic acid, 2,4-; (2,4-D)	94-75-7	14	14	500	mg/m^3
406	Ethyl-1,3-hexanediol, 2-; (Ethyl hexylene glycol)	94-96-2	2.5	27	230	ppm
407	Indene	95-13-6	5	5	130	ppm
408	Benzotriazole	95-14-7	1.2	13	77	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
409	Benzothiazole	95-16-9	1	11	75	mg/m^3
410	Dimethyglyoxime; (Diacetyldioxime)	95-45-4	1.5	17	100	mg/m^3
411	Xylene, o-	95-47-6	150	200	1,000	ppm
412	Methylphenol, 2-; (o-Cresol)	95-48-7	4.5	25	250	ppm
413	Chlorotoluene, 2-; (o-Chlorotoluene)	95-49-8	75	75	170	ppm
414	Dichlorobenzene, o-	95-50-1	50	50	1,000	ppm
415	Toluidine, o-	95-53-4	2	2	100	ppm
416	Phenylenediamine, 1,2-; (o-Phenylenediamine)	95-54-5	0.3	1.8	83	mg/m^3
417	Aminophenol, 2-; (Aminophenol, o-)	95-55-6	4.4	48	260	mg/m^3
418	Chlorophenol, o-	95-57-8	0.25	2.8	26	ppm
419	**Trimethylbenzene, 1,2,4-; (Pseudocumene)**	**95-63-6**	**140**	**360**	360	ppm
420	Toluenediamine, 2,4-; (2,4-Diaminotoluene)	95-80-7	0.015	1.1	23	ppm
421	Diethyl oxalate	95-92-1	1.2	13	79	mg/m^3
422	Tetramethylbenzene, 1,2,4,5-	95-93-2	20	220	1,300	mg/m^3
423	Tetrachlorobenzene, 1,2,4,5-	95-94-3	0.24	2.6	340	mg/m^3
424	Trichlorophenol, 2,4,5-	95-95-4	7.4	82	160	mg/m^3
425	Styrene oxide; (1,2-Epoxyethylbenzene)	96-09-3	0.24	2.7	19	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
426	Chlorodiethylaluminum; (Diethylaluminum chloride)	96-10-6	27	81	490	mg/m^3
427	Dibromo-3-chloropropane, 1,2-; (DBCP)	96-12-8	0.003	0.41	0.45	ppm
428	Methylpentane, 3-	96-14-0	510	510	3,100	ppm
429	Trichloropropane, 1,2,3-	96-18-4	10	10	1,000	ppm
430	Pentanone, 3-; (Diethyl ketone)	96-22-0	300	300	310	ppm
431	Dichloro-2-propanol, 1,3-	96-23-1	0.06	0.66	4.8	ppm
432	Chloro-1,2-propanediol, 3-; (Chlorohydrin)	96-24-2	0.0041	0.045	4.8	ppm
433	Butanone oxime; (Ethyl methyl ketoxime)	96-29-7	10	10	52	ppm
434	Bromo acetic acid, methyl ester	96-32-2	0.11	1.2	7.1	mg/m^3
435	Methyl acrylate	96-33-3	6	170	1,000	ppm
436	Methylcyclopentane	96-37-7	0.77	8.5	850	ppm
437	Ethylenethiourea; (2-Imidazolidinethione)	96-45-7	0.031	0.34	110	mg/m^3
438	Methyltetrahydrofuran, 2-	96-47-9	4	44	260	ppm
439	Dihydro-2(3H)-furanone; (4-Butanolide)	96-48-0	0.37	4.1	310	mg/m^3
440	Glycol carbonate; (Ethylene carbonate)	96-49-1	30	330	2,000	mg/m^3
441	Methylpyrrole, N-	96-54-8	60	660	4,000	mg/m^3
442	**Soman; (3,3-Dimethyl-2-butyl methylphosphonofluoridate; GD)**	**96-64-0**	**1.80E-04**	**0.0022**	**0.017**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
443	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
444	Diisopropylaminoethanol, 2-; (N,N-Diisopropyl ethanolamine)	96-80-0	1.5	17	99	mg/m^3
445	Chloro-2,4-dinitrobenzene, 1-	97-00-7	0.58	6.4	150	mg/m^3
446	Dinitroaniline, 2,4-	97-02-9	0.035	0.38	5.6	mg/m^3
447	Sulfosalicylic acid	97-05-2	7.4	81	490	mg/m^3
448	Dichlorophene	97-23-4	4.5	50	300	mg/m^3
449	Solvent Yellow 3	97-56-3	0.32	3.6	300	mg/m^3
450	Ethyl methacrylate; (2-Methyl-2-propenoic acid, ethyl ester)	97-63-2	2.8	31	370	ppm
451	Isobutyric anhydride; (2-Methylpropionic anhydride)	97-72-3	0.067	0.73	4.4	ppm
452	Disulfiram	97-77-8	2	2	180	mg/m^3
453	Tetramethyl-1,3-butanediamine, N,N,N',N'-; (Tetramethyl butanediamine)	97-84-7	1.4	16	94	mg/m^3
454	Isobutyl isobutyrate	97-85-8	23	250	1,500	mg/m^3
455	Methyl butylacrylate, 2-; (Butyl methacrylate)	97-88-1	0.93	10	1,300	mg/m^3
456	Ethylene glycol dimethacrylate	97-90-5	9.9	110	650	mg/m^3
457	Triethylaluminum	97-93-8	12	12	69	mg/m^3
458	Chloroacetaldehyde dimethyl acetal	97-97-2	6	66	400	mg/m^3
459	Furfuryl alcohol	98-00-0	15	15	250	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
460	**Furancarboxaldehyde, 2-; (Furfural)**	**98-01-1**	**2**	**10**	**100**	ppm
461	Benzenearsonic acid; (Phenylarsonic acid)	98-05-5	3.4	3.4	20	mg/m^3
462	Butylbenzene, tert-	98-06-6	1.7	18	110	ppm
463	Benzyl trichloride; (Trichloromethylbenzene)	98-07-7	0.064	0.7	5.3	mg/m^3
464	Benzotrifluoride	98-08-8	19	39	1,300	mg/m^3
465	Benzenesulfonic acid chloride; (Benzenesulfonyl chloride)	98-09-9	18	200	200	mg/m^3
466	**Trichlorophenylsilane**	**98-13-5**	**0.60**	**7.3**	**33**	ppm
467	Trifluoromethyl)benzenamine, 3-(; (m-Aminobenzal fluoride)	98-16-8	0.4	4.4	19	mg/m^3
468	Butylpyrocatechol, 4-tert-; (4-tert-Butylcatechol)	98-29-3	0.18	2	560	mg/m^3
469	Butylcyclohexanone, p-tert-	98-53-3	15	170	990	mg/m^3
470	Tert-butylphenol, p-; (Tert-butylphenol, 4-)	98-54-4	1.5	36	220	mg/m^3
471	Toluenesulfonyl chloride, p-	98-59-9	0.45	5	30	mg/m^3
472	Benzenesulfonic acid, 4-chloro	98-66-8	1.5	17	99	mg/m^3
473	Hydroxybenezenesulfonic acid, 4-; (4-Hydroxyphenylsulfonic acid)	98-67-9	10	120	690	mg/m^3
474	Tert-butyl benzoic acid, p-	98-73-7	2	2	94	mg/m^3
475	Phenylboric acid; (Benzeneboronic acid)	98-80-6	2.2	24	150	mg/m^3
476	**Cumene; (Isopropyl benzene)**	**98-82-8**	**50**	**300**	**730**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
477	Methylstyrene, alpha-	98-83-9	100	100	5,000	ppm
478	Acetophenone	98-86-2	10	10	53	mg/m^3
479	Benzal chloride	98-87-3	0.21	2.3	14	mg/m^3
480	**Benzoyl chloride**	**98-88-4**	**0.3**	**5**	**20**	ppm
481	Nicotinamide	98-92-0	2	22	690	mg/m^3
482	Dimethylaminocyclohexane, N,N-	98-94-2	1	11	66	mg/m^3
483	Nitrobenzene	98-95-3	1.8	20	200	ppm
484	Picolinic acid; (2-Pyridinecarboxylic acid)	98-98-6	3.2	36	78	mg/m^3
485	Nitrotoluene, m-	99-08-1	5	5	200	ppm
486	Nitroaniline, 3-; (m-Nitroaniline)	99-09-2	0.11	1.2	110	mg/m^3
487	Dibromo-4-nitrophenol, 2,6-	99-28-5	0.015	0.17	1	ppm
488	Dichloran; (2,6-Dichloro-4-nitroaniline; Resisan)	99-30-9	7.2	79	480	mg/m^3
489	Trinitrobenzene, 1,3,5-	99-35-4	0.53	5.8	54	mg/m^3
490	Methyl-5-nitroaniline, 2-; (5-Nitro-o-toluidine; Benzenamine, 2-methyl-5-nitro-)	99-55-8	3	12	110	mg/m^3
491	Diisopropylbenzene, 1,3-	99-62-7	2.2	24	160	mg/m^3
492	Dinitrobenzene, m-	99-65-0	1	1	200	mg/m^3
493	Isopropyltoluene, 4-; (p-Cymene)	99-87-6	60	660	730	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
494	Hydroxybenzoic acid, 4-; (p-Salicylic acid)	99-96-7	15	41	240	mg/m^3
495	Dimethyl-p-phenylenediamine, N,N-	99-98-9	0.012	0.13	0.13	mg/m^3
496	Nitrotoluene, p-	99-99-0	3.6	3.6	200	ppm
497	Chloronitrobenzene, p-; (p-Nitrochlorobenzene)	100-00-5	1.2	1.2	1,000	mg/m^3
498	Nitroaniline, p-	100-01-6	9	13	300	mg/m^3
499	Nitrophenol, 4-; (p-Nitrophenol)	100-02-7	1.2	13	40	mg/m^3
500	Dimethylamino)benzaldehyde, p-(	100-10-7	3	33	250	mg/m^3
501	Benzene, 1-(chloromethyl)-4-nitro-; (p-Nitrobenzyl chloride)	100-14-1	2.5	28	28	mg/m^3
502	Bis(1-methylethyl)benzene, 1,4-; (p- or 1,4-Diisopropylbenzene)	100-18-5	2.5	27	160	mg/m^3
503	Terephthaloyl chloride	100-20-9	0.17	1.9	500	mg/m^3
504	Terephthalic acid	100-21-0	30	81	350	mg/m^3
505	Dinitrobenzene, p-	100-25-4	1	1	200	mg/m^3
506	Diethylethanolamine, N,N-; (Diethylaminoethanol)	100-37-8	2	2	500	ppm
507	Bromotoluene, A-; (Benzyl bromide)	100-39-0	0.37	4.1	24	mg/m^3
508	Vinylcyclohexene, 4-; (Cyclohexenylethylene)	100-40-3	0.3	38	310	ppm
509	**Ethyl benzene**	**100-41-4**	**33**	**1,100**	**1,800**	ppm
510	**Styrene**	**100-42-5**	**20**	**130**	**1,100**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
511	**Benzyl chloride**	**100-44-7**	**1**	**10**	**50**	ppm
512	Benzylamine	100-46-9	2	22	130	mg/m^3
513	**Benzonitrile**	**100-47-0**	2	**22**	**56**	ppm
514	Benzyl alcohol	100-51-6	30	49	49	ppm
515	Benzaldehyde	100-52-7	4	4	180	ppm
516	Phenylmagnesium bromide	100-58-3	1.2	13	79	mg/m^3
517	Methylaniline, N-	100-61-8	0.5	0.5	100	ppm
518	Phenylhydrazine	100-63-0	0.3	2.3	295	ppm
519	Anisole; (Anisole anhydrous; Methoxybenzene)	100-66-3	1.6	18	110	mg/m^3
520	Dimethyl-1,3-dioxolane-4-methanol, 2,2-	100-79-8	3.9	43	260	ppm
521	Benzyltrimethylammonium hydroxide; (Triton b)	100-85-6	0.024	0.26	1.6	mg/m^3
522	Hexamethylenetetraamine; (Methenamine)	100-97-0	55	610	3,600	mg/m^3
523	Triisobutylaluminum	100-99-2	44	260	1,600	mg/m^3
524	Triphenyl phosphite	101-02-0	0.75	8.3	88	mg/m^3
525	Methylene bis(2-chloroaniline), 4,4'-; (MBOCA)	101-14-4	0.03	1.5	21	ppm
526	Bromophenyl phenyl ether, 4-	101-55-3	0.29	3.2	19	mg/m^3
527	**Methylene diphenyl diisocyanate; (Diphenylmethane diisocyanate; MDI)**	**101-68-8**	0.45	**5**	**55**	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
528	Methylenedianiline, 4,4'-	101-77-9	0.1	0.23	2.4	ppm
529	Diaminodiphenyl ether, 4,4'-; (4,4'-Oxydianiline)	101-80-4	0.088	0.97	140	mg/m^3
530	Diphenylmethane	101-81-5	6.8	74	450	mg/m^3
531	Phenyl ether; (Diphenyl ether)	101-84-8	2	16	96	ppm
532	Diphenylguanidine, 1,3-	102-06-7	0.032	0.36	64	mg/m^3
533	Trimethoxyboroxine	102-24-9	15	170	1,000	mg/m^3
534	Isocyanic acid, 3,4-dichlorophenyl ester; (3,4-Dichlorophenyl isocyanate)	102-36-3	1.3	14	120	mg/m^3
535	Tetramethoxypropane, 1,1,3,3-; (Malonaldehyde bis(dimethyl acetal))	102-52-3	6	66	400	mg/m^3
536	Ethylenedinitrilo)tetra-2-propanol, 1,1',1'',1'''-(	102-60-3	34	370	2,200	mg/m^3
537	Tripropylamine	102-69-2	0.58	6.4	38	ppm
538	Triethanolamine; (Trihydroxytriethylamine)	102-71-6	15	51	1,100	mg/m^3
539	Triacetin; (Triacetyl glycerin)	102-76-1	9	99	590	mg/m^3
540	Tri-n-butylamine	102-82-9	0.0071	0.078	2.9	ppm
541	Tridodecylamine; (Alamine 304; N,N-didodecyl-1-dodecanamine)	102-87-4	6	66	400	mg/m^3
542	Ethylhexyl acrylate, 2-; (Acrylic acid, 2-ethylhexyl ester)	103-11-7	15	21	150	ppm
543	Di-2-ethylhexyl adipate	103-23-1	0.74	8.2	1,500	mg/m^3
544	Ethanediyl)bisbenzene, 1,1'-(1,2-; (Bibenzyl)	103-29-7	14	150	890	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
545	Propylbenzene, n-; (Isocumene)	103-65-1	1.1	12	2,300	ppm
546	**Phenyl isocyanate**	**103-71-9**	**0.020**	**0.15**	**0.24**	ppm
547	Benzyldimethylamine; (Dimethylbenzylamine, N,N-; BDMA)	103-83-3	0.061	0.67	79	mg/m^3
548	Acetanilide	103-84-4	0.28	3.1	61	mg/m^3
549	Phenylthiourea; (1-Phenyl-2-thiourea)	103-85-5	0.27	3	3	mg/m^3
550	Nonyl phenol, p-	104-40-5	1.5	16	320	mg/m^3
551	Phenylene diisocyanate, 1,4-	104-49-4	0.19	2.1	13	mg/m^3
552	Butylbenzene, n-; (1-Phenylbutane)	104-51-8	0.12	1.3	7.9	ppm
553	Cinnamaldehyde	104-55-2	14	150	670	mg/m^3
554	Ethanediylbis(oxy))bisbenzene, 1,1'-(1,2-	104-66-5	30	330	2,000	mg/m^3
555	**Ethyl-1-hexanol, 2-**	**104-76-7**	**0.1**	**100**	**200**	ppm
556	Diethylaminopropylamine	104-78-9	1.7	18	110	mg/m^3
557	Nitrosophenol, p-	104-91-6	1.7	19	110	mg/m^3
558	Anisidine, p-	104-94-9	0.5	0.5	50	mg/m^3
559	Cyclohexanedimethanol, cis and trans, 1,4-	105-08-8	9.6	110	630	mg/m^3
560	Methoxybenzyl alcohol, 4-	105-13-5	0.81	9	260	mg/m^3
561	Methylpentanol-1, 2-; (Amyl methyl alcohol)	105-30-6	0.016	0.18	67	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
562	Ethyl bromoacetate	105-36-2	6.80E-05	7.50E-04	0.0045	ppm
563	Ethyl propionate	105-37-3	6.3	69	410	ppm
564	Ethyl chloroacetate	105-39-5	0.11	1.2	7.1	ppm
565	Butyl acetate, sec-	105-46-4	600	1,700	10,000	ppm
566	Diethyl malonate; (Ethyl malonate)	105-53-3	6.9	76	450	ppm
567	Diethylthiourea, N,N'-	105-55-5	0.11	1.2	63	mg/m^3
568	Diethyl carbonate	105-58-8	0.42	4.6	70	ppm
569	Caprolactam (dust)	105-60-2	3	3	10	mg/m^3
570	Diisopropyl peroxydicarbonate	105-64-6	6.4	71	420	mg/m^3
571	Dimethylphenol, 2,4-; (2,4-Xylenol)	105-67-9	4.5	49	460	mg/m^3
572	Dilauroyl peroxide	105-74-8	30	330	2,000	mg/m^3
573	Quinhydrone	106-34-3	0.21	2.3	14	mg/m^3
574	Ethyl butyl ketone; (3-Heptanone)	106-35-4	75	500	3,000	ppm
575	Bromochlorobenzene, p-	106-39-8	30	330	2,000	mg/m^3
576	Xylene, p-	106-42-3	150	200	1,000	ppm
577	Chlorotoluene, 4-; (p-Tolyl chloride)	106-43-4	2.6	28	230	ppm
578	Methylphenol, 4-; (p-Cresol)	106-44-5	4.52	25	250	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
579	Thiocresol, p-; (p-Toluenethiol)	106-45-6	0.66	7.2	43	mg/m^3
580	Dichlorobenzene, p-	106-46-7	10	10	1,000	ppm
581	Chloroaniline, p-	106-47-8	2.2	25	100	mg/m^3
582	Chlorophenol, 4-; (p-Chlorophenol)	106-48-9	1.5	17	99	mg/m^3
583	Toluidine, p-; (4-Methylbenzenamine)	106-49-0	6	12	67	mg/m^3
584	Phenylenediamine, p-	106-50-3	0.3	16	41	mg/m^3
585	Benzoquinone, p-; (Quinone)	106-51-4	0.2	0.2	67.8	ppm
586	Butanedioic acid, dimethyl ester; (Succinic acid, dimethyl ester)	106-65-0	2.5	28	170	ppm
587	Epoxyethyl)-7-oxabicyclo(4.1.0)heptane, 3-(; (Vinyl cyclohexene dioxide)	106-87-6	0.11	0.11	35	ppm
588	**Epoxybutane, 1,2-; (1,2-Butylene oxide)**	**106-88-7**	**72**	**140**	**330**	ppm
589	**Epichlorohydrin**	**106-89-8**	**5.7**	**24**	**72**	ppm
590	Glycidyl acrylate; (2,3-Epoxypropyl acrylate)	106-90-1	0.073	0.81	4.8	ppm
591	**Ethylene dibromide; (Dibromoethane)**	**106-93-4**	**17**	**24**	**46**	ppm
592	Bromopropane, 1-	106-94-5	18	18	700	ppm
593	Allyl bromide; (3-Bromopropene)	106-95-6	1.1	12	73	ppm
594	Propargyl bromide	106-96-7	0.03	0.03	10	mg/m^3
595	**Butane**	**106-97-8**	**5,500**	**17,000**	**53,000**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
596	Butene, 1-; (Butylene)	106-98-9	530	530	6,100	ppm
597	**Butadiene, 1,3-**	**106-99-0**	**670**	**5,300**	**22,000**	ppm
598	Butene, 2-	107-01-7	750	1,100	6,600	ppm
599	**Acrolein**	**107-02-8**	**0.030**	**0.10**	**1.4**	ppm
600	Propanethiol; (n-Propylmercaptan)	107-03-9	0.045	0.5	320	ppm
601	**Allyl chloride**	**107-05-1**	**2.8**	**54**	**140**	ppm
602	**Ethylene dichloride; (1,2-Dichloroethane)**	**107-06-2**	**50**	**200**	**300**	ppm
603	**Ethylene chlorohydrin; (2-Chloroethanol)**	**107-07-3**	1	**4.0**	**12**	ppm
604	Propanamine, 1-; (Propylamine)	107-10-8	0.98	11	100	ppm
605	**Allylamine**	**107-11-9**	**0.42**	**3.3**	**18**	ppm
606	**Propionitrile; (Propiononitrile)**	**107-12-0**	6	**7.0**	**37**	ppm
607	**Acrylonitrile**	**107-13-1**	**4.6**	**57**	**100**	ppm
608	**Chloroacetonitrile**	**107-14-2**	2.9	**32**	**67**	ppm
609	**Ethylenediamine, 1,2-**	**107-15-3**	9.7	**9.7**	**20**	ppm
610	Formaldehyde cyanohydrin; (Hydroxyacetonitrile; Glycolonitrile)	107-16-4	0.24	2.6	2.6	ppm
611	**Allyl alcohol**	**107-18-6**	**5.1**	**13**	**40**	ppm
612	**Propargyl alcohol**	**107-19-7**	**2.5**	**16**	**72**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
613	**Chloroacetaldehyde**	**107-20-0**	**1.3**	**2.2**	**9.9**	ppm
614	Ethylene glycol	107-21-1	10	40	60	ppm
615	Glyoxal	107-22-2	0.3	24	40	mg/m^3
616	Ethyl mercury chloride; (Chloroethyl mercury)	107-27-7	0.04	0.53	13	mg/m^3
617	**Chloromethyl methyl ether**	**107-30-2**	0.043	**0.47**	**2.0**	ppm
618	Methyl formate; (Formic acid, methyl ester)	107-31-3	150	830	5,000	ppm
619	**Allyltrichlorosilane**	**107-37-9**	**0.60**	**7.3**	**33**	ppm
620	Trimethyl-1-pentene, 2,4,4-; (Diisobutylene)	107-39-1	225	2,500	15,000	ppm
621	Hexylene glycol	107-41-5	10	25	150	ppm
622	Betaine, anhydrous; (Glycine betaine)	107-43-7	15	160	230	mg/m^3
623	**Isopropyl methanefluoro-phosphonate; (Sarin; GB)**	**107-44-8**	**4.80E-04**	**0.0060**	**0.022**	ppm
624	Hexamethyldisiloxane	107-46-0	2.3	26	150	ppm
625	Tetraethyl pyrophosphate; (TEPP)	107-49-3	0.091	1	10	mg/m^3
626	Dibutyl phosphate	107-66-4	2	21	125	ppm
627	**Amyltrichlorosilane; (Pentyltrichlorosilane)**	**107-72-2**	**0.60**	**7.3**	**33**	ppm
628	Bromo-3-methylbutane, 1-	107-82-4	6	66	390	ppm
629	Methylpentane, 2-; (Isohexane)	107-83-5	510	510	3,100	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
630	Pentanone, 2-; (Methyl propyl ketone)	107-87-9	150	150	5,000	ppm
631	Butanediol, 1,3-	107-88-0	140	1,500	3,600	mg/m^3
632	Cyanoacetamide	107-91-5	2.8	30	180	mg/m^3
633	Butyric acid; (n-Butyric acid)	107-92-6	0.26	2.8	110	ppm
634	Mercaptopropionic acid, 3-	107-96-0	0.02	0.22	19	mg/m^3
635	Propylene glycol monomethyl ether; (Ucar Triol HG-170)	107-98-2	150	150	470	ppm
636	Dimethylaminoethanol, 2-	108-01-0	0.67	7.4	72	ppm
637	Nitropropane, 1-	108-03-2	25	25	2,300	ppm
638	**Vinyl acetate**	**108-05-4**	**6.7**	**180**	**610**	ppm
639	Methyl isobutyl ketone; (Hexone)	108-10-1	75	75	3,000	ppm
640	Diisopropylamine	108-18-9	5	5	1,000	ppm
641	Isopropyl ether; (Diisopropyl ether)	108-20-3	310	310	10,000	ppm
642	Isopropyl acetate	108-21-4	200	200	16,000	ppm
643	**Isopropyl chloroformate; (Isopropyl chlorocarbonate)**	**108-23-6**	0.3	**3.3**	**10**	ppm
644	**Acetic anhydride**	**108-24-7**	**0.5**	**15**	**100**	ppm
645	Succinic anhydride	108-30-5	0.21	2.4	300	mg/m^3
646	**Maleic anhydride**	**108-31-6**	**0.2**	**2**	**20**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
647	Propylene carbonate, 1,2-	108-32-7	3.3	37	220	mg/m^3
648	Bromochlorobenzene, m-	108-37-2	30	330	2,000	mg/m^3
649	Xylene, m-	108-38-3	150	200	1,000	ppm
650	Methylphenol, 3-; (m-Cresol)	108-39-4	4.52	25	250	ppm
651	Toluenethiol, m-	108-40-7	0.16	1.8	11	mg/m^3
652	Chlorophenol, m-	108-43-0	2.1	23	140	mg/m^3
653	Toluidine, m-; (3-Methylaniline)	108-44-1	5.2	5.2	20	ppm
654	Phenylenediamine, 1,3-; (m-Phenylenediamine)	108-45-2	0.3	2	55	mg/m^3
655	Resorcinol	108-46-3	20	20	20	ppm
656	Dimethylpyridine, 2,4-; (2,4-Lutidine)	108-47-4	0.14	1.5	9	ppm
657	Lutidine, 2,6-; (2,6-Dimethylpyridine)	108-48-5	28	300	1,800	ppm
658	Divinylbenzene, m-; (m-Vinylstyrene)	108-57-6	28	28	170	ppm
659	Dichloroisopropyl ether	108-60-1	0.053	0.58	20	ppm
660	**Propylene glycol monomethyl ether acetate, alpha-isomer; (1-Methoxypropyl-2-acetate)**	**108-65-6**	**50**	**1,000**	**5,000**	ppm
661	**Mesitylene; (1,3,5-Trimethylbenzene)**	**108-67-8**	**140**	**360**	360	ppm
662	Trimethylpyridine, 2,4,6-	108-75-8	1.2	13	77	ppm
663	Cyanuric chloride	108-77-0	0.15	1.6	3.8	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
664	Melamine	108-78-1	10	10	140	mg/m^3
665	Cyanuric acid; (1,3,5-Triazine-2,4,6-triol)	108-80-5	10	10	1,500	mg/m^3
666	Diisobutyl ketone	108-83-8	25	25	2,000	ppm
667	Bromobenzene; (Phenyl bromide)	108-86-1	0.079	0.87	140	ppm
668	Methylcyclohexane	108-87-2	400	400	10,000	ppm
669	**Toluene**	**108-88-3**	**200**	**1,200**	**4,500**	ppm
670	**Chlorobenzene; (Benzene chloride)**	**108-90-7**	**10**	**150**	**400**	ppm
671	**Cyclohexylamine**	**108-91-8**	**1.8**	**8.6**	**30**	ppm
672	Cyclohexanol	108-93-0	50	50	3,500	ppm
673	Cyclohexanone; (Ketohexamethylene)	108-94-1	20	20	5,000	ppm
674	**Phenol**	**108-95-2**	**15**	**23**	**200**	ppm
675	**Benzenethiol; (Thiophenol; Phenyl mercaptan)**	**108-98-5**	0.1	**0.53**	**1.6**	ppm
676	Methyl pyridine, 3-; (3-Picoline)	108-99-6	5	45	270	ppm
677	Methylmorpholine, 4-	109-02-4	1.2	13	77	ppm
678	Methylpyridine, 2-; (2-Picoline)	109-06-8	5	5	83	ppm
679	Methacrylic acid, diester with triethylene glycol; (Polyester TGM3)	109-16-0	33	360	2,100	mg/m^3
680	Butanoic acid, butyl ester; (n-Butyl n-butanoate)	109-21-7	2.3	26	150	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
681	Valeric acid	109-52-4	5.6	61	140	mg/m^3
682	Dimethyl-1,3-propanediamine, N,N-; (1-Amino-3-dimethylaminopropane)	109-55-7	0.44	4.9	89	ppm
683	Propyl acetate, n-	109-60-4	250	250	8,000	ppm
684	**Propyl chloroformate; (Propyl chlorocarbonate)**	**109-61-5**	0.34	**3.7**	**11**	ppm
685	Boron trifluoride etherate	109-63-7	5.2	61	184	mg/m^3
686	Dibromopropane, 1,3-	109-64-8	1.6	17	100	mg/m^3
687	Butyl bromide, n-; (1-Bromobutane)	109-65-9	4.4	49	290	ppm
688	Pentane, n-	109-66-0	120	610	15,000	ppm
689	Pentene, 1-	109-67-1	19	210	7,700	ppm
690	Chlorobutane, 1-; (Butyl chloride)	109-69-3	1.5	16	310	ppm
691	Butyl lithium	109-72-8	120	690	3,700	mg/m^3
692	Butylamine, n-	109-73-9	2	5	2,000	ppm
693	Butanenitrile; (Butyronitrile)	109-74-0	8	8	8	ppm
694	Propanediamine, 1,3-	109-76-2	0.059	0.65	20	ppm
695	**Propanedinitrile; (Malononitrile)**	**109-77-3**	3	**4.9**	**10**	ppm
696	Butanethiol; (n-Butyl mercaptan)	109-79-5	0.5	5	2,500	ppm
697	Methylamino)ethanol, 2-(	109-83-1	2.3	25	150	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
698	Methoxyethylamine, 2-	109-85-3	0.43	4.7	28	ppm
699	Ethylene glycol monomethyl ether; (2-Methoxyethanol; EGME; Methyl Cellosolve(R))	109-86-4	0.3	330	2,000	ppm
700	Methylal; (Dimethoxymethane)	109-87-5	1,000	1,000	15,000	ppm
701	Diethylamine	109-89-7	15	15	2,000	ppm
702	**Ethyl isocyanate**	**109-90-0**	0.0048	**0.053**	**0.16**	ppm
703	Vinyl ethyl ether; (Ethoxy ethene)	109-92-2	9.4	100	620	ppm
704	Ethyl formate	109-94-4	100	100	8,000	ppm
705	Ethyl nitrite	109-95-5	0.11	1.2	7.1	ppm
706	Pyrrole; (Imidole)	109-97-7	0.0073	0.08	0.48	ppm
707	**Tetrahydrofuran**	**109-99-9**	**100**	**500**	**5,000**	ppm
708	**Furan**	**110-00-9**	0.62	**6.8**	**19**	ppm
709	Dibutyl peroxide, tert-	110-05-4	0.077	0.85	180	ppm
710	Methyl-2-hexanone, 5-; (Methyl isoamyl ketone)	110-12-3	50	50	150	ppm
711	Succinic acid	110-15-6	6.8	75	450	mg/m^3
712	Maleic acid	110-16-7	2.1	23	140	mg/m^3
713	Fumaric acid	110-17-8	28	310	1,800	mg/m^3
714	Tetramethyl ethylene diamine	110-18-9	0.58	6.4	58	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
715	Isobutyl acetate	110-19-0	450	1,300	7,500	ppm
716	Diacetyl peroxide; (Acetyl peroxide)	110-22-5	0.57	6.3	38	mg/m^3
717	Methylenebisacrylamide, N,N'-	110-26-9	0.23	2.6	77	mg/m^3
718	Myristic acid, isopropyl ester; (Tetradecanoic acid, isopropyl; Isopropyl myristate)	110-27-0	81	900	5,400	mg/m^3
719	Myristic acid, butyl ester; (Tetradecanoic acid, butyl ester)	110-36-1	2.1	23	140	ppm
720	Methyl n-amyl ketone	110-43-0	50	50	4,000	ppm
721	Isoamyl nitrite; (Isopentyl nitrite)	110-46-3	0.48	5.3	32	ppm
722	Ethylene glycol monomethyl ether acetate; (EGMEA; 2-Methoxyethyl acetate)	110-49-6	0.3	670	4,000	ppm
723	**Hexane**	**110-54-3**	300	**3,300**	**8,600**	ppm
724	Trans-1,4-dichlorobutene; (2-Butylene dichloride)	110-57-6	0.078	0.86	3.8	ppm
725	Amylamine, n-; (1-Pentylamine)	110-58-7	0.46	5.1	31	mg/m^3
726	Pentanenitrile	110-59-8	0.21	2.3	6.1	ppm
727	Butanediol, 1,4-; (1,4-Tetramethylene glycol)	110-63-4	0.22	2.5	150	mg/m^3
728	Dihydroxy-2-butene, 1,4-; (2-Butene-1,4-diol)	110-64-5	1	11	69	ppm
729	Butyne-1,4-diol, 2-; (1,4-Butynediol)	110-65-6	0.6	2	6.5	mg/m^3
730	Methylbutylamine, N-	110-68-9	1.2	13	77	ppm
731	Dimethoxyethane, 1,2-	110-71-4	0.54	5.9	76	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
732	Chloroethyl vinyl ether, 2-; (Ethene, 2-chloroethoxy-)	110-75-8	0.15	1.6	9.7	ppm
733	Ethoxyethanol, 2-	110-80-5	15	23	6,000	ppm
734	Cyclohexane	110-82-7	100	100	10,000	ppm
735	Cyclohexene	110-83-8	300	300	10,000	ppm
736	Piperazine	110-85-0	0.99	11	190	mg/m^3
737	Pyridine	110-86-1	3	6.9	3,600	ppm
738	Dihydro-2H-pyran, 3,4-	110-87-2	0.067	0.73	4.4	ppm
739	**Piperidine**	**110-89-4**	**6.6**	**33**	**110**	ppm
740	Morpholine	110-91-8	30	30	8,000	ppm
741	Diisobutylamine	110-96-3	0.15	1.6	9.7	ppm
742	Oxydiacetic acid; (Oxodiacetic acid)	110-99-6	1.5	17	99	mg/m^3
743	Hexamethyltetracosane, 2,6,10,15,19,23-; (Squalane)	111-01-3	3.3	37	220	ppm
744	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
745	Octanone, 2-	111-13-7	200	220	560	mg/m^3
746	Heptanoic acid	111-14-8	3.9	43	260	ppm
747	Ethoxyethylacetate, 2-	111-15-9	15	420	2,500	ppm
748	Bromohexane; (n-Hexyl bromide)	111-25-1	17	190	1,100	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
749	Hexanol, n-; (n-Hexyl alcohol)	111-27-3	0.52	5.7	34	ppm
750	Pentanediol, 1,5-	111-29-5	6	66	400	mg/m^3
751	**Gluteraldehyde**	**111-30-8**	**0.2**	**1**	**5**	ppm
752	Hexanethiol, 1-; (N-Hexylmercaptan)	111-31-9	0.045	0.5	48	ppm
753	**Butyl isocyanate, n-**	**111-36-4**	**0.013**	**0.023**	**0.25**	ppm
754	Diethylenetriamine	111-40-0	1	1	1	ppm
755	Aminoethylethanolamine	111-41-1	9	99	590	mg/m^3
756	Diethanolamine	111-42-2	3	5.1	130	mg/m^3
757	Dichloroethyl ether; (1,1'-Oxybis(2-chloro)ethane; Bis(2-chloroethyl)ether)	111-44-4	10	25	250	ppm
758	Diethylene glycol	111-46-6	6.9155	80	250	ppm
759	Thiodiglycol	111-48-8	20	220	1,300	mg/m^3
760	Hexamethyleneimine	111-49-9	5.7	63	380	mg/m^3
761	Ethylene glycol diacetate	111-55-7	0.41	4.5	1,400	mg/m^3
762	Caprylyl chloride; (Octanoyl chloride)	111-64-8	30	330	2,000	mg/m^3
763	Octane, n-	111-65-9	300	385	5,000	ppm
764	**Octene, 1-**	**111-66-0**	**40**	**800**	**2,000**	ppm
765	Adiponitrile	111-69-3	2	3.8	17	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
766	Heptanol, 1-; (Heptyl alcohol)	111-70-6	0.63	6.9	230	mg/m^3
767	Butoxyethanol, 2-; (Glycol ether EB)	111-76-2	20	20	700	ppm
768	Methoxyethoxy)ethanol, 2-(2-; (Diethylene glycol monomethyl ether)	111-77-3	0.25	2.8	9.9	ppm
769	Cyclooctadiene, 1,5-	111-78-4	1.2	13	77	ppm
770	Bromooctane , 1-; (Octyl bromide)	111-83-1	1.9	21	130	ppm
771	Nonane; (Shellsol 140)	111-84-2	200	200	200	ppm
772	Octanamine, 1-	111-86-4	0.31	3.4	20	mg/m^3
773	**Octyl alcohol; (n-Octanol)**	**111-87-5**	**5**	**20**	**150**	ppm
774	Octanethiol, 1-	111-88-6	0.045	0.5	66	ppm
775	Ethoxyethoxy)ethanol, 2-(2-; (Carbitol cellosolve; Diethylene glycol monoethyl ether)	111-90-0	75	79	200	ppm
776	Dichloromethoxy ethane; (bis(2-Chloroethoxy)methane)	111-91-1	0.13	1.4	2.4	ppm
777	Di-n-butylamine	111-92-2	0.45	5	19	ppm
778	Diethylene glycol dimethyl ether; (Bis(2-methoxy ethyl)ether)	111-96-6	15	17	190	ppm
779	Hexadecyltrimethylammonium chloride	112-02-7	1.1	12	70	mg/m^3
780	**Octadecyltrichlorosilane**	**112-04-9**	**0.60**	**7.3**	**33**	ppm
781	Nonanoic acid	112-05-0	20	220	1,300	mg/m^3
782	Butoxyethanol acetate, 2-; (Ethylene glycol monobutyl ether acetate)	112-07-2	20	20	73	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
783	Undecanone, 2-; (Methyl nonyl ketone)	112-12-9	0.058	0.64	140	ppm
784	Diglycol monoethyl ether acetate; (Carbitol acetate)	112-15-2	1.1	12	2,200	mg/m^3
785	Triethylenetetramine	112-24-3	3	5.7	83	ppm
786	Bis(2-chloroethoxy)ethane, 1,2-; (Triglycol dichloride)	112-26-5	0.75	8.3	50	mg/m^3
787	Triethylene glycol	112-27-6	1,000	1,000	5,500	mg/m^3
788	Bromodecane, 1-	112-29-8	0.25	2.7	16	ppm
789	Decyl alcohol; (1-Decanol)	112-30-1	0.32	3.5	930	mg/m^3
790	Decanal	112-31-2	1.8	19	120	ppm
791	Butoxyethoxy)ethanol, 2-(2-; (Diethylene glycol monobutyl ether)	112-34-5	10	10	170	ppm
792	Triethylene glycol monomethyl ether	112-35-6	34	370	2,200	mg/m^3
793	Bis(2-ethoxyethyl) ether; (Diethyl carbitol)	112-36-7	12	130	980	mg/m^3
794	Dodecane	112-40-3	0.0028	0.031	7.9	ppm
795	Tetraoxadodecane, 2,5,8,11-	112-49-2	0.14	1.5	9.2	ppm
796	Dodecyl alcohol	112-53-8	12	140	820	mg/m^3
797	Dodecanethiol, 1-; (Dodecyl mercaptan; Lauryl mercaptan)	112-55-0	0.1	0.5	3	ppm
798	Butoxyethoxy)ethyl thiocyanate, 2-(2-	112-56-1	0.27	3	18	mg/m^3
799	Tetraethylenepentamine	112-57-2	15	130	790	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
800	Diethylene glycol hexyl ether; (n-Hexyl carbitol)	112-59-4	1.3	15	480	mg/m^3
801	Tetraethylene glycol	112-60-7	87	960	5,700	mg/m^3
802	Bis(2-butoxyethyl) ether; (Dibutyl carbitol; Diethylene glycol dibutyl ether)	112-73-2	0.91	10	87	ppm
803	Octadecenoic acid, 9-; (Oleic acid)	112-80-1	220	2,400	15,000	mg/m^3
804	Octadecanol, 1-	112-92-5	0.18	2	360	ppm
805	Sodium pyruvate; (Pyruvic acid, sodium salt)	113-24-6	30	330	2,000	mg/m^3
806	Propoxur	114-26-1	0.5	0.5	23	mg/m^3
807	Azaserine; (L-Serine, diazoacetate (ester))	115-02-6	0.51	5.6	34	mg/m^3
808	Propylene; (1-Propene)	115-07-1	500	500	1,900	ppm
809	Methyl ether; (Dimethyl ether)	115-10-6	1,000	1,000	7,200	ppm
810	Methylpropene, 2-; (Isobutene)	115-11-7	750	1,800	11,000	ppm
811	Trichloroethanol, 2,2,2-	115-20-8	2.2	25	120	mg/m^3
812	**Trichloroethylsilane; (Ethyl trichlorosilane)**	**115-21-9**	**0.60**	**7.3**	**33**	ppm
813	Octafluorocyclobutane; (Cyclooctafluorobutane; Freon C-318)	115-25-3	210	2,400	23,000	ppm
814	Dimefox; (bis(Dimethylamido)fluorophosphate)	115-26-4	0.091	1	1	mg/m^3
815	Endosulfan	115-29-7	0.1	0.8	280	mg/m^3
816	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

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
817	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
818	Pentaerythritol	115-77-5	30	81	490	mg/m^3
819	Tributyl(2,4-dichlorobenzyl)phosphonium chloride	115-78-6	0.53	5.9	35	mg/m^3
820	Triphenyl phosphate	115-86-6	9	84	690	mg/m^3
821	Fensulfothion	115-90-2	0.18	2	3.1	mg/m^3
822	Tris(2-chloroethyl) phosphate; (2-Chloroethanol phosphate)	115-96-8	1.3	15	240	mg/m^3
823	Carbanolate; (Aldicarb; Methyl-2-(methylthio)propionaldehyde-O-(methylcarbamoyl)oxime, 2-)	116-06-3	0.027	0.3	9.5	mg/m^3
824	Acetyl carbinol; (Acetol (1); 1-Hydroxy-2-propanone)	116-09-6	6.6	73	440	mg/m^3
825	**Tetrafluoroethylene**	**116-14-3**	**220**	**550**	**3,300**	ppm
826	**Hexafluoropropylene; (Hexafluoropropene)**	**116-15-4**	**40**	**91**	**480**	ppm
827	Hexachloroacetone	116-16-5	0.079	0.86	29	mg/m^3
828	Dihydroxyanthraquinone, 1,8-; (Dantron)	117-10-2	6.7	73	440	mg/m^3
829	Aminoanthraquinone, 2-	117-79-3	1.6	17	590	mg/m^3
830	Di-sec-octylphthalate	117-81-7	10	31	5,900	mg/m^3
831	Dioctyl phthalate, n-	117-84-0	6.8	74	9,300	mg/m^3
832	Salicylic acid, phenyl ester	118-55-8	0.74	8.2	590	mg/m^3
833	Hexachlorobenzene	118-74-1	0.006	8.9	160	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
834	Anthranilic acid	118-92-3	0.33	3.6	1,100	mg/m^3
835	Trinitrotoluene, 2,4,6-	118-96-7	0.3	6.2	1,000	mg/m^3
836	Methyl salicylate	119-36-8	0.0059	0.065	18	ppm
837	Isopropylmethylpyrazolyl dimethylcarbamate; (Isolan)	119-38-0	0.51	5.6	5.6	mg/m^3
838	Benzophenone	119-61-9	1.5	33	310	mg/m^3
839	Tetrahydronaphthalene, 1,2,3,4-; (Tetralin)	119-64-2	0.0039	0.043	12	ppm
840	Nitrodiphenylamine, 2-	119-75-5	24	260	1,600	mg/m^3
841	Dimethoxybenzidene 3,3'-; (o-Dianisidine)	119-90-4	7.1	78	380	mg/m^3
842	Dimethylbenzidene 3,3'-; (o-Tolidine)	119-93-7	0.18	2	56	mg/m^3
843	Anthracene	120-12-7	0.27	3	530	mg/m^3
844	Veratraldehyde	120-14-9	6	66	400	mg/m^3
845	Bis(2-hydroxyethyl)dodecanamide, N,N-	120-40-1	0.045	0.5	46	ppm
846	Ethyl-4-hydroxybenzoate; (p-Hydroxybenzoic acid ethyl ester)	120-47-8	45	320	320	mg/m^3
847	Benzyl benzoate	120-51-4	1.9	21	380	mg/m^3
848	Catechol	120-80-9	5	5	11	ppm
849	Trichlorobenzene, 1,2,4-	120-82-1	0.45	5	20	ppm
850	**Dichlorophenol, 2,4-**	**120-83-2**	**0.2**	**2**	**20**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
851	Cyclopentanone	120-92-3	42	42	250	ppm
852	Methylpyrrolidine; (Methylpyrrolidine, 1-)	120-94-5	0.58	6.4	39	mg/m^3
853	Dinitrotoluene, 2,4-	121-14-2	0.6	4.9	200	mg/m^3
854	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
855	Vanilin	121-33-5	10	10	310	mg/m^3
856	Trimethyl borate	121-43-7	4.3	48	290	ppm
857	Triethylamine	121-44-8	3	3	1,000	ppm
858	**Trimethyl phosphite**	**121-45-9**	**6.1**	**61**	**310**	ppm
859	Sulfanilic acid	121-57-3	37	410	2,400	mg/m^3
860	Dimethylaniline, N,N-	121-69-7	10	10	2,000	ppm
861	Nitrochlorobenzene, m-; (1-Chloro-3-nitrobenzene; m-Chloronitrobenzene)	121-73-3	0.9	9.9	59	mg/m^3
862	**Malathion**	**121-75-5**	**15**	**120**	**390**	mg/m^3
863	Cyclotrimethylenetrinitramine; (RDX or Cyclonite)	121-82-4	3	12	20	mg/m^3
864	Isophthalic acid; (Phthalic acid, m isomer)	121-91-5	30	340	2,100	mg/m^3
865	Benzyldimethyloctadecylammonium chloride; (Dimethyloctadecylbenzylammonium chloride)	122-19-0	3.8	41	250	mg/m^3
866	Diphenylamine	122-39-4	30	65	220	mg/m^3
867	Triethyl phosphite	122-52-1	1.2	14	82	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
868	Dioctyl sebacate; (Bis(2-ethylhexyl) sebacate)	122-62-3	5.4	59	360	mg/m^3
869	Diphenylhydrazine, 1,2-	122-66-7	0.72	7.9	48	mg/m^3
870	Phenoxyethanol, 2-; (Phenyl cellosolve)	122-99-6	20	20	44	ppm
871	Hexadecylpyridinium chloride, 1-; (Cepacol chloride)	123-03-5	0.06	0.66	4	mg/m^3
872	Methoxybenzaldehyde; (p-Anisaldehyde)	123-11-5	7.5	83	300	mg/m^3
873	Dipropyl ketone; (4-Heptanone)	123-19-3	140	140	140	ppm
874	Butanedioic acid, diethyl ester; (Succinic acid, diethyl ester)	123-25-1	3.6	40	240	ppm
875	Hydroquinone	123-31-9	1.8	20	32	mg/m^3
876	Maleic hydrazide; (3,6-Pyridazinedione, 1,2-dihydro-)	123-33-1	11	130	750	mg/m^3
877	**Propionaldehyde**	**123-38-6**	**45**	**260**	**840**	ppm
878	Methylformamide, N-	123-39-7	0.93	10	220	ppm
879	Hydroxy-4-methyl-2-pentanone, 4-; (Diacetone alcohol)	123-42-2	50	50	2,100	ppm
880	Isoamyl alcohol (primary); (3-Methyl-1-butanol)	123-51-3	125	125	10,000	ppm
881	Pentanedione, 2,4-; (Acetylacetone)	123-54-6	25	25	39	ppm
882	Propionic anhydride	123-62-6	7.1	78	470	mg/m^3
883	Paraldehyde	123-63-7	5.6	62	180	mg/m^3
884	Butyraldehyde	123-72-8	0.0014	0.016	2.8	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
885	**Crotonaldehyde, trans-**	**123-73-9**	**0.19**	**4.4**	**14**	ppm
886	Pyrrolidine	123-75-1	0.69	7.6	45	mg/m^3
887	Azodicarbamide; (Azodicarbonamide)	123-77-3	0.48	5.3	170	mg/m^3
888	**Butyl acetate, n-**	**123-86-4**	**5**	**200**	**3,000**	ppm
889	**Dioxane, 1,4-; (1,4-Diethyleneoxide)**	**123-91-1**	**17**	**320**	**760**	ppm
890	Isoamyl acetate; (Isopentyl acetate)	123-92-2	100	500	3,000	ppm
891	Octanol, 2-	123-96-6	0.29	3.2	470	mg/m^3
892	Adipic acid	124-04-9	15	330	1,000	mg/m^3
893	Octanoic acid; (Caprylic acid)	124-07-2	30	330	2,000	mg/m^3
894	Nonene, 1-	124-11-8	0.33	3.7	22	ppm
895	Octanenitrile	124-12-9	0.57	6.2	37	ppm
896	Octanal, 1-; (Octanal; Octanaldehyde)	124-13-0	17	190	1,100	mg/m^3
897	Decane	124-18-5	1.9	20	440	ppm
898	Nonanal	124-19-6	0.31	3.4	370	mg/m^3
899	Carbon dioxide	124-38-9	30,000	30,000	50,000	ppm
900	**Dimethylamine**	**124-40-3**	**10**	**66**	**250**	ppm
901	Sodium methylate	124-41-4	6.1	67	400	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
902	Urea peroxide; (Urea hydrogen peroxide)	124-43-6	1.2	13	79	mg/m^3
903	Dibromochloromethane; (Chlorodibromomethane)	124-48-1	7.4	73	73	mg/m^3
904	**Methanesulfonyl chloride**	**124-63-0**	0.19	**2.1**	**6.2**	ppm
905	Sodium cacodylate; (Sodium dimethylarsinate)	124-65-2	1.1	4	510	mg/m^3
906	Isobutanol-2-amine	124-68-5	6.3	69	570	mg/m^3
907	**Methylvinyldichlorosilane; (Dichloromethylvinylsilane)**	**124-70-9**	**0.90**	**11**	**50**	ppm
908	Dibromotetrafluoroethane; (Halon 2402)	124-73-2	43	480	2,900	ppm
909	Picrotoxin	124-87-8	1.4	15	15	mg/m^3
910	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
911	Sucrose, diacetate hexaisobutyrate; (Sucrose acetate isobutyrate; SAIB)	126-13-6	7.8	85	10,000	mg/m^3
912	Bisbutenylenetetrahydrofurfural; (2,3,4,5-Bis(2-butylene)tetrahydro-2-furaldehyde)	126-15-8	7.5	83	500	mg/m^3
913	Propanediol, 2,2-dimethyl-1,3-	126-30-7	26	290	1,700	ppm
914	Tetramethylene sulfone; (Sulfolane; Tetrahydrothiophene-1,1-dioxide)	126-33-0	1.3	12	12	mg/m^3
915	Dipentaerythritol; (Dipentek)	126-58-9	30	330	2,000	mg/m^3
916	Triethylphosphorothioate; (Tepto)	126-68-1	0.027	0.3	1.8	ppm
917	Tributyl phosphate	126-73-8	0.6	3.5	125	ppm
918	Tetramethyl-5-decyne-4,7-diol, 2,4,7,9-	126-86-3	30	330	2,000	mg/m^3

Compounds with unknown CASRNs are issued a “z-number” for identification purposes.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
919	**Methacrylonitrile; (Methylacrylonitrile)**	**126-98-7**	**1.0**	**13**	**25**	ppm
920	Chloroprene; (beta-Chloroprene; Neoprene)	126-99-8	10	10	400	ppm
921	Potassium acetate	127-08-2	9.8	110	640	mg/m^3
922	Sodium acetate	127-09-3	11	120	700	mg/m^3
923	**Perchloroethylene; (Tetrachloroethylene)**	**127-18-4**	**35**	**230**	**1,200**	ppm
924	Dimethylacetamide, N,N-	127-19-5	12	12	400	ppm
925	Chloro-p-toluenesulfonamide sodium salt, N-; (Chloramine T)	127-65-1	0.052	0.57	33	mg/m^3
926	Nitrobenzenesulfonic acid, sodium salt, 3-	127-68-4	33	360	2,200	mg/m^3
927	Zinc phenolsulfonate; (Zinc p-hydroxybenzenesulfonate)	127-82-2	5.4	59	360	mg/m^3
928	Bromosuccinimide, N-	128-08-5	1.7	19	110	mg/m^3
929	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
930	Pyrene	129-00-0	0.15	1.7	7.5	mg/m^3
931	Warfarin sodium	129-06-6	0.82	9	9	mg/m^3
932	Disodium 3,6-endoxohexahydrophthalate	129-67-9	0.19	2	10	mg/m^3
933	Naphthoquinone, 1,4-	130-15-4	1.5	16	38	mg/m^3
934	Alizarine Red S, Monohydrate; (Sodium alizarin-3-sulfonate)	130-22-3	0.23	2.5	15	mg/m^3
935	Dimethylphthalate	131-11-3	15	1,600	9,300	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
936	Diallyl phthalate	131-17-9	15	33	140	mg/m^3
937	Sodium pentachlorophenate	131-52-2	0.22	2.4	8.4	mg/m^3
938	Ammonium picrate	131-74-8	30	330	2,000	mg/m^3
939	Biphenylol, sodium salt, 2-	132-27-4	0.41	4.5	130	mg/m^3
940	Dibenzofuran	132-64-9	30	330	2,000	mg/m^3
941	Captan	133-06-2	15	29	1,200	mg/m^3
942	Chloramben; (Amiben; 3-Amino-2,5-dichlorobenzoic acid)	133-90-4	11	120	690	mg/m^3
943	Hydroxyquinoline sulfate, 8-	134-31-6	3.6	40	240	mg/m^3
944	Naphthalenamine, 1-; (1-Naphthylamine)	134-32-7	0.21	2.3	150	mg/m^3
945	Diethylbenzene, o-	135-01-3	4.8	53	700	mg/m^3
946	Naphthol, 2-	135-19-3	1.5	16	390	mg/m^3
947	Cupferron; (Ammonium-N-nitrosophenylhydroxylamine)	135-20-6	1.7	18	39	mg/m^3
948	Butylbenzene, sec-; (2-Phenylbutane)	135-98-8	1.1	12	69	ppm
949	Methyl 2-cyanoacrylate; (Permabond 910 adhesive)	137-05-3	4	4	5.1	ppm
950	Thiram; (Tetramethylthioperoxydicarbonic diamide)	137-26-8	0.15	6.8	1,500	mg/m^3
951	Propionic acid, sodium salt	137-40-6	1.5	16	690	mg/m^3
952	Nitrilotriacetic acid; (Aminotriacetic acid)	139-13-9	6.1	67	220	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
953	Ethylenediaminetetraacetic acid, disodium salt	139-33-3	11	120	400	mg/m^3
954	Cerium oxalate	139-42-4	30	330	2,000	mg/m^3
955	Trisodium N-hydroxyethylethylenediaminetriacetate; (Trisodium N-(2-hydroxyethyl)ethylenediaminetriacetate)	139-89-9	12.5	75	400	mg/m^3
956	Benzyl acetate	140-11-4	10	10	14	ppm
957	Benzyl cyanide; (Phenylacetonitrile)	140-29-4	0.39	4.3	15	mg/m^3
958	Aminoethylpiperazine, N-	140-31-8	0.45	4.9	420	mg/m^3
959	Methyl-5-vinylpyridine, 2-	140-76-1	0.17	1.9	6.6	mg/m^3
960	Dinitrosopiperazine; (Piperazine, 1,4-dinitroso-)	140-79-4	0.081	0.89	32	mg/m^3
961	**Ethyl acrylate**	**140-88-5**	**8.3**	**36**	**240**	ppm
962	**Butyl acrylate, n-**	**141-32-2**	**8.3**	**130**	**480**	ppm
963	Ethanolamine	141-43-5	6	6	1,000	ppm
964	Sodium ethoxide	141-52-6	1.2	13	79	mg/m^3
965	Sodium formate	141-53-7	18	200	1,200	mg/m^3
966	**Propyltrichlorosilane**	**141-57-1**	**0.60**	**7.3**	**33**	ppm
967	**Octyl mercaptan, t-**	**141-59-3**	0.055	**0.60**	**1.8**	ppm
968	Dicrotophos	141-66-2	0.082	0.9	4	mg/m^3
969	Ethyl acetate	141-78-6	400	400	10,000	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
970	Methyl-3-penten-2-one, 4-; (Mesityl oxide)	141-79-7	25	25	5,000	ppm
971	Malonic acid; (Carboxyacetic acid)	141-82-2	7.4	82	590	mg/m^3
972	Diaminopyridine, 2,6-	141-86-6	0.33	3.6	22	mg/m^3
973	Diethylbenzene, m-	141-93-5	31	340	2,000	mg/m^3
974	Ethyl acetoacetate	141-97-9	12	130	790	mg/m^3
975	Oxydiethylenedicarbonic acid, diallyl ester	142-22-3	0.5	5.5	53	mg/m^3
976	Dichloropropane, 1,3-	142-28-9	0.96	11	42	ppm
977	Hexanoyl chloride	142-61-0	1.2	13	79	mg/m^3
978	Hexanoic acid	142-62-1	2.2	24	140	mg/m^3
979	Cupric acetate, anhydrous; (Copper acetate)	142-71-2	2.9	2.9	99	mg/m^3
980	Iminodiacetic acid	142-73-4	0.82	9	54	mg/m^3
981	Heptane	142-82-5	440	440	5,000	ppm
982	Dipropylamine	142-84-7	2.9	32	190	mg/m^3
983	Dodecyl methacrylate	142-90-5	6.9	76	460	ppm
984	Butyl ether, n-; (Dibutyl ether)	142-96-1	0.064	0.7	280	ppm
985	Nonyl alcohol	143-08-8	0.37	4	190	mg/m^3
986	Bromododecane, 1-	143-15-7	6	66	400	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
987	Hexadecanamine, 1-	143-27-1	0.018	0.2	43	mg/m^3
988	**Sodium cyanide**	**143-33-9**	**4.0**	**14**	**30**	mg/m^3
989	Kepone; (Chlordecone)	143-50-0	0.003	3.3	18	mg/m^3
990	Sodium tetraphenyl borate	143-66-8	0.86	9.5	57	mg/m^3
991	Fluoroacetic acid; (Fluoroethanoic acid)	144-49-0	0.043	0.47	0.93	mg/m^3
992	Sodium bicarbonate	144-55-8	13	140	840	mg/m^3
993	Oxalic acid, anhydrous; (Ethanedioic acid)	144-62-7	2	7.4	500	mg/m^3
994	Mercaptobenzoic acid, o-	147-93-3	0.16	1.8	11	mg/m^3
995	Sodium diethyldithiocarbamate; (Diethyldithiocarbamic acid, sodium salt)	148-18-5	6	9.8	300	mg/m^3
996	Quinolinol, 8-	148-24-3	0.85	9.4	240	mg/m^3
997	Mercaptobenzothiazole, 2-; (2-Benzothiazolethiol)	149-30-4	8.2	8.2	20	mg/m^3
998	Hydroxymethanesulfinic acid, monosodium salt; (Formaldehyde hydrosulfite)	149-44-0	6.6	72	430	mg/m^3
999	Ethyl hexanoic acid, 2-; (Butyl ethyl acetic acid)	149-57-5	15	51	590	mg/m^3
1000	Orthoformic acid, trimethyl ester; (Trimethyl orthoformate)	149-73-5	0.067	0.73	4.4	ppm
1001	Dichloromethylphenylsilane	149-74-6	1.8	20	20	mg/m^3
1002	Aminobenzoic acid, p-	150-13-0	9.3	9.3	310	mg/m^3
1003	Hydroxyethylenediaminetriacetic acid, N-	150-39-0	2	22	130	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1004	Methoxyphenol, p-	150-76-5	15	18	320	mg/m^3
1005	Sodium succinate	150-90-3	2.2	25	150	ppm
1006	Dimethoxybenzene, 1,3-	151-10-0	3	32	190	mg/m^3
1007	Sodium lauryl sulfate	151-21-3	3.9	43	260	mg/m^3
1008	Methoxyethylmercuric acetate	151-38-2	0.048	16	16	mg/m^3
1009	Lauryl sulfate; (Dodecyl sulfate)	151-41-7	3.9	43	260	mg/m^3
1010	**Potassium cyanide**	**151-50-8**	**5.3**	**19**	**40**	mg/m^3
1011	**Ethyleneimine**	**151-56-4**	0.1	**4.6**	**9.9**	ppm
1012	Octamethyldiphosphoramide; (Octamethylpyrophosphoramide)	152-16-9	0.073	0.8	0.8	mg/m^3
1013	Phenylpropanolamine hydrochloride; (Propadrine hydrochloride)	154-41-6	4.5	49	300	mg/m^3
1014	Nitrosodiphenylamine, p-	156-10-5	0.019	0.2	39	mg/m^3
1015	Butyric acid, sodium salt	156-54-7	27	290	1,800	mg/m^3
1016	**Dichloroethylene, cis-1,2-**	**156-59-2**	**140**	**500**	**850**	ppm
1017	**Dichloroethylene, trans-1,2-**	**156-60-5**	**280**	**1,000**	**1,700**	ppm
1018	Calcium cyanamide	156-62-7	1.5	14	620	mg/m^3
1019	Amino-1-propanol, 3-	156-87-6	8.3	91	550	mg/m^3
1020	Benzo(ghi)perylene	191-24-2	30	330	2,000	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1021	Dibenzo(a,e)pyrene; (Naphtho(1,2,3,4-def)chrysene)	192-65-4	30	330	2,000	mg/m^3
1022	Indeno(1,2,3-cd)pyrene	193-39-5	0.015	0.17	1	mg/m^3
1023	Benz(e)acephenanthrylene; (Benzo(b)fluoroanthene)	205-99-2	0.031	0.34	2	mg/m^3
1024	Fluoranthene	206-44-0	1.5	16	400	mg/m^3
1025	Benzo(k)fluoranthene	207-08-9	0.019	0.2	1.2	mg/m^3
1026	Acenaphthylene	208-96-8	10	110	660	mg/m^3
1027	Chrysene (coal tar volatile)	218-01-9	0.6	120	700	mg/m^3
1028	Dibenzo-p-dioxin	262-12-4	0.11	1.2	240	mg/m^3
1029	Diazabicyclo(2,2,2)octane, 1,4-	280-57-9	0.19	2.1	340	mg/m^3
1030	Cyclopentane	287-92-3	600	3,800	3,800	ppm
1031	Imidazole	288-32-4	1.2	13	44	mg/m^3
1032	Tetrazole, 1H-	288-94-8	1.2	13	79	mg/m^3
1033	Cyclooctane	292-64-8	3.3	37	220	ppm
1034	Isobenzan	297-78-9	0.091	1	1	mg/m^3
1035	Thionazin; (Ethyl pyrazinyl phosphorothioate)	297-97-2	0.32	3.5	3.5	mg/m^3
1036	**Methyl parathion**	**298-00-0**	0.11	**1.2**	**3.5**	mg/m^3
1037	**Phorate**	**298-02-2**	0.04	**0.040**	**0.12**	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1038	Disulfoton	298-04-4	0.18	2	8.8	mg/m^3
1039	Bis(2-ethylhexyl) hydrogen phosphate	298-07-7	15	160	960	mg/m^3
1040	Potassium bicarbonate	298-14-6	35	60	500	mg/m^3
1041	Amphetamine; (Benzedrine)	300-62-9	1.8	20	20	mg/m^3
1042	Lead acetate; (Lead diacetate)	301-04-2	2.8	31	780	mg/m^3
1043	Stannous octoate	301-10-0	0.68	110	670	mg/m^3
1044	**Hydrazine**	**302-01-2**	**0.10**	**13**	**35**	ppm
1045	Trichloroacetaldehyde hydrate; (Chloral hydrate)	302-17-0	6	66	160	mg/m^3
1046	Sodium potassium tartrate; (Potassium sodium tartrate)	304-59-6	3.2	36	210	mg/m^3
1047	Hydroxy-N-phenylbenzamide, N-; (Phenylbenzohydroxamic acid, N-)	304-88-1	30	330	2,000	mg/m^3
1048	**Dichloro-1,1,1-trifluoroethane, 2,2-; (HCFC-123)**	**306-83-2**	91	**1,000**	**10,000**	ppm
1049	Tetracosafluorotetradecahydro-phenanthrene; (Perfluorophenanthrene)	306-91-2	10	110	680	mg/m^3
1050	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
1051	Tributyl-1-butanaminium iodide, N,N,N-; (Tetrabutylammonium iodide)	311-28-4	6	66	390	mg/m^3
1052	Lactic acid, sodium salt, DL-; (Propanoic acid, 2-hydroxy-, monosodium salt)	312-85-6	30	330	2,000	mg/m^3
1053	Mexacarbate; (4-(Dimethylamine)-3,5-xylyl N-methylcarbamate)	315-18-4	1.3	14	14	mg/m^3
1054	Emetine dihydrochloride, l-	316-42-7	9.10E-04	0.01	0.27	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1055	Hexachlorocyclohexane, alpha-; (Benzene hexachloride-alpha-isomer)	319-84-6	1.5	1.6	35	mg/m^3
1056	Hexachlorocyclohexane, beta-1,2,3,4,5,6-; (Benzene hexachloride, trans-alpha-)	319-85-7	1.5	2	1,200	mg/m^3
1057	Thenoyltrifluoroacetone	326-91-0	0.9	9.9	59	mg/m^3
1058	Trichloronate; (Ethyl trichlorophenylethylphosphonothioate)	327-98-0	0.91	10	27	mg/m^3
1059	**Methyl cyclohexylfluorophosphonate; (GF)**	**329-99-7**	**0.00020**	**0.0024**	**0.018**	ppm
1060	Ethylenediamine dihydrochloride	333-18-6	0.018	0.2	15	mg/m^3
1061	Potassium thiocyanate	333-20-0	8.5	88	88	mg/m^3
1062	Methyl-trifluoromethanesulfonate	333-27-7	22	230	1,400	mg/m^3
1063	Diazomethane	334-88-3	0.6	2	2	ppm
1064	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
1065	Pentadecafluorooctanoic acid	335-67-1	0.015	16	75	mg/m^3
1066	**Boron trifluoride-dimethyl ether**	**353-42-4**	**2.5**	**29**	**88**	mg/m^3
1067	**Carbonyl fluoride**	**353-50-4**	0.28	**0.28**	**0.83**	ppm
1068	Halon 1211; (Bromochlorodifluoromethane)	353-59-3	0.85	9.4	1,400	ppm
1069	Bromo-2-chloro-1,1,2-trifluoroethane, 1-; (1,1,2-Trifluoro-1-bromo-2-chloroethane)	354-06-3	7.7	85	510	ppm
1070	Trifluoroacetyl chloride	354-32-5	3.2	200	1,200	ppm
1071	Trichloro-2,2,2-trifluoroethane, 1,1,1-	354-58-5	100	1,200	6,900	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1072	Tetradecafluorohexane; (Perfluoro-n-hexane; Fluorinert FC72)	355-42-0	2.1	23	1,800	ppm
1073	Brucine; (2,3-Dimethoxystrychnine)	357-57-3	0.1	1.1	36	mg/m^3
1074	Trifluoromethanesulfonic anhydride	358-23-6	1.2	13	79	mg/m^3
1075	Fluoroacetyl chloride	359-06-8	0.91	10	10	mg/m^3
1076	Tetrafluoroethane, 1,1,2,2-; (HFC 134)	359-35-3	8,000	13,000	27,000	ppm
1077	Triethyloxonium tetrafluoroborate	368-39-8	19	220	1,300	mg/m^3
1078	Fluoroaniline, p-	371-40-4	1.3	14	83	mg/m^3
1079	Maleic acid, disodium salt	371-47-1	21	230	1,400	mg/m^3
1080	Ethylene fluorohydrin; (2-Fluoroethanol)	371-62-0	0.0024	0.027	0.35	ppm
1081	Heptafluorobutyric acid	375-22-4	0.5	5.5	33	mg/m^3
1082	Tetrachlorohexafluorobutane, 2,2,3,3-; (FLON; CFC316)	375-34-8	0.07	0.77	4.6	ppm
1083	Ergotamine tartrate	379-79-3	0.91	10	32	mg/m^3
1084	**Perfluoroisobutylene; (Octafluoro-sec-butene)**	**382-21-8**	0.01	**0.11**	**0.33**	ppm
1085	Hexafluorobenzene	392-56-3	13	140	480	ppm
1086	Bis(trifluoromethyl)benzene, 1,3-	402-31-3	14	160	940	mg/m^3
1087	Fluoro-4-nitrophenol, 2-	403-19-0	2.5	15	75	mg/m^3
1088	Trifluoroacetic acid anhydride	407-25-0	14	150	920	mg/m^3

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1089	Silicon carbide	409-21-2	15	15	15	mg/m^3
1090	Cyanamide	420-04-2	2	2	3.3	mg/m^3
1091	Cyanic acid; (Hydrogen cyanate)	420-05-3	25	270	1,600	ppm
1092	Fluorotrimethylsilane	420-56-4	1.7	18	110	ppm
1093	Methyl fluorosulfate	421-20-5	0.0021	0.023	0.14	ppm
1094	Trifluoroacetaldehyde hydrate; (2,2,2-Trifluoro-1,1-ethanediol)	421-53-4	0.98	11	65	mg/m^3
1095	Tetrabutylammonium fluoride; (N,N,N-Tributyl-1-butanaminium, fluoride)	429-41-4	100	1,200	6,900	mg/m^3
1096	Trimethoxy(3,3,3-trifluoropropyl)silane	429-60-7	29	320	1,900	mg/m^3
1097	Butanedione, 2,3-	431-03-8	4	44	180	mg/m^3
1098	Benzoin oxime	441-38-3	0.49	5.4	32	mg/m^3
1099	Methyl fluoroacetate	453-18-9	0.013	0.14	1.4	mg/m^3
1100	Bromofluorobenzene, 4-; (p-Fluorobromobenzene)	460-00-4	12	130	790	mg/m^3
1101	**Cyanogen**	**460-19-5**	**2.0**	**8.3**	**25**	ppm
1102	Pentafluoropropane, 1,1,1,3,3-	460-73-1	900	1,300	4,600	ppm
1103	Cyanoguanidene; (Guanidine, cyano-; Dicyandiamido)	461-58-5	22	250	4,000	mg/m^3
1104	Fluorobenzene	462-06-6	5.5	61	1,200	mg/m^3
1105	Allene; (1,2-Propadiene)	463-49-0	6.7	73	440	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1106	**Ketene; (Carbomethene, Ethenone)**	**463-51-4**	**0.19**	**0.66**	**2.0**	ppm
1107	**Carbonyl sulfide**	**463-58-1**	5	**55**	**150**	ppm
1108	Dimethylpropane, 2,2-; (Neopentane)	463-82-1	600	610	15,000	ppm
1109	Pinacolyl alcohol; (tert-Butyl methyl carbinol)	464-07-3	2.7	30	120	ppm
1110	Isodrin	465-73-6	0.64	7	7	mg/m^3
1111	Chlorfenvinfos	470-90-6	0.91	10	10	mg/m^3
1112	Carbonic acid, calcium salt	471-34-1	45	210	1,300	mg/m^3
1113	Oxamide	471-46-5	1.3	15	89	mg/m^3
1114	Dimethyl-5-phenylphenazinium chloride, 3,7-diamino-2,8-; (Safranine; Gossypimine)	477-73-6	0.17	1.9	11	mg/m^3
1115	Trinitrophenylmethylnitramine, 2,4,6-; (Tetryl)	479-45-8	4.5	5.1	2,000	mg/m^3
1116	Dihydroxy-1,3-indandione, 2,2-; (Ninhydrin monohydrate)	485-47-2	0.26	2.8	17	mg/m^3
1117	Indole-3-carboxaldehyde, 1H-; (3-Formylindole)	487-89-8	0.68	7.5	45	ppm
1118	Glucose, alpha-D-; (alpha-Dextrose)	492-62-6	77	850	5,100	mg/m^3
1119	Decahydronaphthalene, cis-; (cis-Decalin)	493-01-6	0.032	0.35	31	ppm
1120	Decahydronaphthalene, trans-; (trans-Decalin)	493-02-7	0.032	0.35	31	ppm
1121	Bis(dimethylamino)acridine, 3,6-; (Acridine orange)	494-38-2	0.082	0.9	5.4	mg/m^3
1122	Indan	496-11-7	31	340	2,000	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1123	Glycoluril; (Acetyleneurea)	496-46-8	30	330	2,000	mg/m^3
1124	Sodium carbonate	497-19-8	12	130	780	mg/m^3
1125	Dipicolinic acid; (2,6-Pyridinedicarboxylic acid)	499-83-2	30	330	2,000	mg/m^3
1126	**Benzyl chloroformate; (Carbobenzoxy chloride)**	**501-53-1**	0.088	**0.97**	**2.9**	ppm
1127	Methylmercuric dicyanamide	502-39-6	0.045	15	15	mg/m^3
1128	Caprolactone; (epsilon-Lactone hexanoic acid)	502-44-3	13	140	850	mg/m^3
1129	Trimethylene oxide; (Oxetane)	503-30-0	0.0085	0.093	20	mg/m^3
1130	Aminopyridine, 4-; (4-Pyridinamine)	504-24-5	1.8	20	20	mg/m^3
1131	Propanediol, 1,3-	504-63-2	7.8	86	520	mg/m^3
1132	**Bis(2-chloroethyl)sulfide; (HD; Sulfur mustard)**	**505-60-2**	**0.010**	**0.020**	**0.32**	ppm
1133	Potassium silver cyanide	506-61-6	1.8	20	20	mg/m^3
1134	Silver cyanide	506-64-9	0.037	4.1	24	mg/m^3
1135	Cyanogen bromide	506-68-3	20	44	200	mg/m^3
1136	**Cyanogen chloride**	**506-77-4**	0.036	**0.4**	**4**	ppm
1137	Cyanogen iodide	506-78-5	29	180	290	mg/m^3
1138	Fulminic acid; (Carbyloxime)	506-85-4	0.27	2.9	18	ppm
1139	Ammonium carbonate	506-87-6	0.31	3.5	21	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1140	Acetyl bromide	506-96-7	0.16	1.8	11	ppm
1141	Thioacetic acid	507-09-5	0.079	0.87	5.2	ppm
1142	Chloro-2-methylpropane, 2-; (Tert-butyl chloride)	507-20-0	0.11	1.3	220	ppm
1143	Tetraphenylarsonium chloride; (Tetraphenylarsenium chloride)	507-28-8	2.8	2.8	6.9	mg/m^3
1144	**Tetranitromethane**	**509-14-8**	0.047	**0.52**	**1.7**	ppm
1145	Chlorobenzylate; (4,4'-Dichlorobenzilic acid ethyl ester)	510-15-6	0.26	2.9	140	mg/m^3
1146	Trimethyl phosphate; (TMP)	512-56-1	1.4	16	29	ppm
1147	Hexaphenylcyclotrisiloxane	512-63-0	6	66	400	mg/m^3
1148	Ascaridole	512-85-6	0.069	0.76	40	mg/m^3
1149	Tripropyl phosphate; (TPP)	513-08-6	4.2	46	280	mg/m^3
1150	Methyl-2-butene, 2-	513-35-9	0.33	3.7	22	ppm
1151	Isobutyl chloride; (1-Chloro-2-methylpropane)	513-36-0	0.067	0.73	4.4	ppm
1152	Butylamine, (S)-sec-	513-49-5	0.38	4.2	25	ppm
1153	Methyl-1-propanethiol, 1-; (sec-Butyl mercaptan; 2-Butanethiol)	513-53-1	0.33	3.7	22	ppm
1154	Barium carbonate	513-77-9	2.2	270	1,600	mg/m^3
1155	Cadmium carbonate	513-78-0	0.046	13	77	mg/m^3
1156	Cobaltous carbonate	513-79-1	0.12	21	130	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1157	Dithiazanine iodide; (3,3'-Diethylpentamethinethiacyanine iodide)	514-73-8	1.8	20	20	mg/m^3
1158	Ammonium lactate	515-98-0	30	330	2,000	mg/m^3
1159	Ferrous Oxalate; (Iron(II) oxalate)	516-03-0	7.7	86	510	mg/m^3
1160	Hematoxylin	517-28-2	0.016	0.18	1.1	mg/m^3
1161	Uranine; (Fluorescein sodium)	518-47-8	4.1	45	1,300	mg/m^3
1162	Aminoethyl)diphenylborinic acid, o-(2-; (Diphenylboronic acid, ethanolamine ester)	524-95-8	0.18	2	12	mg/m^3
1163	**Trimethylbenzene, 1,2,3-**	**526-73-8**	**140**	**360**	740	ppm
1164	Tartaric acid, monosodium salt	526-94-3	7.1	79	470	mg/m^3
1165	Gluconic acid, D-	526-95-4	30	330	2,000	mg/m^3
1166	Sodium gluconate	527-07-1	1	11	69	mg/m^3
1167	Tetramethylbenzene, 1,2,3,5-	527-53-7	15	170	1,000	mg/m^3
1168	Dinitrobenzene, o-	528-29-0	3	33	200	mg/m^3
1169	Salicylic acid, monoammonium salt	528-94-9	1.1	12	120	mg/m^3
1170	Benzoic acid, sodium salt	532-32-1	20	220	810	mg/m^3
1171	Bis(chloromethyl)ketone; (1,3-Dichloroacetone)	534-07-6	0.025	0.27	1	mg/m^3
1172	Silver carbonate; (Silver(I) carbonate)	534-16-7	0.038	120	740	mg/m^3
1173	Cesium carbonate	534-17-8	7	77	460	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1174	Methylfuran, 2-	534-22-5	0.37	4.1	22	ppm
1175	Dinitro-o-cresol, 4,6-	534-52-1	0.2	0.5	5	mg/m^3
1176	Crimidine; (Castrix)	535-89-7	0.11	1.2	1.2	mg/m^3
1177	Phenylacetylene; (Ethynylbenzene)	536-74-3	28	310	1,900	mg/m^3
1178	Cerium acetate	537-00-8	0.08	0.88	5.3	mg/m^3
1179	**Ethylbis(2-chloroethyl)amine; (Bis(2-chloroethyl)ethylamine; Nitrogen mustard-1)**	**538-07-8**	0.002	**0.022**	**0.37**	mg/m^3
1180	Dicyclohexylcarbodiimide	538-75-0	0.12	1.3	8	mg/m^3
1181	Bromoethanol, 2-; (Ethylene bromohydrin)	540-51-2	0.022	0.24	36	mg/m^3
1182	Dichloroethylene, 1,2-	540-59-0	200	200	4,000	ppm
1183	Ethanedithiol, 1,2-	540-63-6	0.15	1.6	9.6	ppm
1184	Ammonium formate	540-69-2	3.7	41	240	mg/m^3
1185	Sodium isothiocyanate; (Thiocyanic acid, sodium salt)	540-72-7	0.041	0.45	46	mg/m^3
1186	**Dimethylhydrazine, 1,2-**	**540-73-8**	0.27	**3.0**	**11**	ppm
1187	Isooctane; (2,2,4-Trimethylpentane)	540-84-1	300	300	5,000	ppm
1188	Butyl acetate, tert-	540-88-5	600	1,700	10,000	ppm
1189	Dodecamethylcyclohexasiloxane	540-97-6	30	50	500	mg/m^3
1190	Decamethylcyclopentasiloxane	541-02-6	0.37	4.1	6.9	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1191	Hexamethylcyclotrisiloxane	541-05-9	7.5	83	500	mg/m^3
1192	Uranyl acetate; (Uranium oxyacetate)	541-09-3	0.98	5.5	33	mg/m^3
1193	**Chlorovinylarsine dichloride; (Lewisite 1)**	**541-25-3**	0.12	**0.12**	**0.74**	mg/m^3
1194	**Ethyl chloroformate**	**541-41-3**	1	**1.6**	**4.8**	ppm
1195	Methylbutanamide, 3-; (Isovaleramide)	541-46-8	2.7	30	180	mg/m^3
1196	Dithiobiuret	541-53-7	0.45	5	5	mg/m^3
1197	Dichlorobenzene, m-	541-73-1	2.7	2.7	38	ppm
1198	Ethyl sec-amyl ketone; (5-Methyl-3-heptanone)	541-85-5	30	500	3,000	ppm
1199	Benzenamine, sulfate (2:1)	542-16-5	30	330	2,000	mg/m^3
1200	Barium cyanide	542-62-1	2.1	250	1,500	mg/m^3
1201	Dichloropropene, 1,3-; (including cis- and trans- isomers)	542-75-6	3	19	120	ppm
1202	Chloropropionitrile, 3-	542-76-7	0.22	2.5	5.4	ppm
1203	**Dichloromethyl ether; (bis(Chloromethyl)ether)**	**542-88-1**	0.004	**0.044**	**0.18**	ppm
1204	Ethylthiocyanate	542-90-5	9.1	100	100	mg/m^3
1205	**Isobutyl chloroformate**	**543-27-1**	0.2	**2.2**	**6.7**	ppm
1206	Barium acetate; (Barium acetate anhydrous)	543-80-6	2.8	330	2,000	mg/m^3
1207	Cadmium(II) acetate	543-90-8	0.062	2.5	100	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1208	Diisoamylamine	544-00-3	0.036	0.4	2.4	ppm
1209	Calcium formate	544-17-2	8	87	520	mg/m^3
1210	Tetradecanoic acid; (Myristic acid)	544-63-8	0.14	1.6	9.3	mg/m^3
1211	Hexadecane	544-76-3	13	140	4,400	mg/m^3
1212	Copper cyanide; (Copper(I) cyanide; Cuprous cyanide)	544-92-3	4.2	42	250	mg/m^3
1213	Octaphenylcyclotetrasiloxane	546-56-5	14	150	920	mg/m^3
1214	Isopropyl titanate(IV); (Titanium(IV) isopropoxide)	546-68-9	22	250	1,500	mg/m^3
1215	Acetic acid, lithium salt	546-89-4	5.1	56	330	mg/m^3
1216	Magnesium carbonate; (Magnesite)	546-93-0	15	15	1,600	mg/m^3
1217	Dimethylamino)phenyl)azo)benzenesulfonic acid, sodium salt, p-((p-(; (Methyl orange, sodium salt)	547-58-0	0.18	2	12	mg/m^3
1218	Crystal violet; (Aniline violet)	548-62-9	0.03	0.33	83	mg/m^3
1219	Ethanedioic acid, dimethyl ester	553-90-2	3.1	34	200	mg/m^3
1220	Potassium gold cyanide	554-07-4	47	47	280	mg/m^3
1221	Lithium carbonate	554-13-2	0.16	1.8	100	mg/m^3
1222	Nitrophenol, 3-; (m-Nitrophenol)	554-84-7	0.98	11	65	mg/m^3
1223	Aluminum(III) isopropylate	555-31-7	3	370	2,200	mg/m^3
1224	**Tris(2-chloroethyl)amine; (Nitrogen mustard-3)**	**555-77-1**	0.002	**0.022**	**0.37**	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1225	Glycidol; (Oxiranemethanol)	556-52-5	2	2	500	ppm
1226	**Methyl isothiocyanate; (Isothiocyanatomethane)**	**556-61-6**	**0.8**	**23**	**70**	mg/m^3
1227	Methyl thiocyanate	556-64-9	2.6	28	28	ppm
1228	Octamethylcyclotetrasiloxane	556-67-2	0.7	7.7	130	ppm
1229	Zinc stearate	557-05-1	13	13	77	mg/m^3
1230	Nickel cyanide	557-19-7	1.1	13	75	mg/m^3
1231	Diethylzinc	557-20-0	0.067	0.73	4.4	ppm
1232	Zinc cyanide	557-21-1	23	23	230	mg/m^3
1233	Zinc acetate	557-34-6	0.18	2	500	mg/m^3
1234	Magnesium formate	557-39-1	30	330	2,000	mg/m^3
1235	Chloropropylene, 2-	557-98-2	39	430	3,000	ppm
1236	Methanesulfonyl fluoride	558-25-8	0.32	3.5	3.5	ppm
1237	Ethion	563-12-2	1.2	13	38	mg/m^3
1238	Dimethylhexane, 3,3-	563-16-6	75	390	2,300	ppm
1239	Semicarbazide hydrochloride	563-41-7	9.1	100	100	mg/m^3
1240	Dichloroethylaluminum	563-43-9	10	10	10	mg/m^3
1241	Methyl-1-butene, 2-	563-46-2	65,000	2.30E+05	4.00E+05	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1242	Chloro-2-methyl-1-propene, 3-	563-47-3	0.15	1.6	9.8	ppm
1243	Dichloropropene, 1,2-	563-54-2	1.3	15	87	ppm
1244	Dichloropropene, 1,1-	563-58-6	1.3	15	87	ppm
1245	Thallium(I) acetate; (Acetic acid, thallium(1+) salt)	563-68-8	0.077	0.25	26	mg/m^3
1246	Bromonitromethane	563-70-2	0.62	6.8	41	mg/m^3
1247	Ferrous carbonate	563-71-3	6.2	69	410	mg/m^3
1248	Calcium oxalate	563-72-4	15	50	50	mg/m^3
1249	Methyl isopropyl ketone; (3-Methyl-2-butanone)	563-80-4	37	37	220	ppm
1250	Dimethyl-3-pentanone, 2,4-	565-80-0	0.18	2	100	ppm
1251	Aluminon	569-58-4	8.1	89	1,800	mg/m^3
1252	Basic Green 4; (Aizen malachite green)	569-64-2	0.13	1.4	8.7	mg/m^3
1253	Dinitrophenol, 2,6-	573-56-8	0.23	2.5	15	mg/m^3
1254	Dimethylphenol, 2,6-; (2,6-Xylenol)	576-26-1	0.045	0.49	59	mg/m^3
1255	Bromomesitylene, 2-; (2-Bromo-1,3,5-trimethylbenzene)	576-83-0	30	330	2,000	mg/m^3
1256	Dioctyl sodium sulfosuccinate; (Di-(2-ethylhexyl) sodium sulfosuccinate)	577-11-7	5.7	63	380	mg/m^3
1257	**Adamsite; (Phenarsazine chloride)**	**578-94-9**	**0.016**	**2.6**	**6.40**	mg/m^3
1258	Phenyl-1,2-propanedione, 1-	579-07-7	0.4	4.5	27	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1259	Potassium oxalate	583-52-8	15	160	980	mg/m^3
1260	Methylcyclohexanone, 2-; (o-Methylcyclohexanone)	583-60-8	75	420	2,500	ppm
1261	Isoamyl alcohol (secondary); (3-Pentanol)	584-02-1	125	1,700	10,000	ppm
1262	Potassium carbonate	584-08-7	0.1	1.1	370	mg/m^3
1263	**Toluene-2,4-diisocyanate; (TDI)**	**584-84-9**	**0.020**	**0.083**	**0.51**	ppm
1264	Diphenyl mercury	587-85-9	0.18	0.18	50	mg/m^3
1265	Stilbene	588-59-0	3.8	41	250	mg/m^3
1266	Hexanone, 3-; (Ethyl propyl ketone)	589-38-8	2.3	26	150	ppm
1267	Methylheptane, 4-	589-53-7	300	385	5,000	ppm
1268	Butyl propanoate; (Propanoic acid, butyl ester)	590-01-2	6.2	68	990	mg/m^3
1269	Butene, cis-2-; (cis-1,2-Dimethylethylene)	590-18-1	65,000	2.30E+05	4.00E+05	ppm
1270	Potassium formate	590-29-4	9	99	600	mg/m^3
1271	Aminoiminomethyl)urea sulfate(2:1), (	591-01-5	30	330	2,000	mg/m^3
1272	Aminophenol, m-	591-27-5	0.056	0.61	51	mg/m^3
1273	Iodobenzene	591-50-4	0.2501	150	720	mg/m^3
1274	Hexanone, 2-; (Methyl n-butyl ketone)	591-78-6	10	51	5,000	ppm
1275	Acetic acid, 2-propenyl ester	591-87-7	0.42	4.6	28	ppm

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1276	**Calcium cyanide**	**592-01-8**	**3.8**	**13**	**28**	mg/m^3
1277	Mercuric cyanide	592-04-1	0.12	1.3	35	mg/m^3
1278	Platinum cyanide	592-06-3	0.0076	0.083	0.5	mg/m^3
1279	Methylheptane, 2-	592-27-8	300	385	5,000	ppm
1280	**Butyl chloroformate, n-**	**592-34-7**	0.2	**2.2**	**6.7**	ppm
1281	**Hexene, 1-**	**592-41-6**	50	**500**	**5,000**	ppm
1282	Heptene, 1-	592-76-7	24	270	1,600	ppm
1283	Formic acid, butyl ester; (n-Butyl formate)	592-84-7	3.3	37	300	ppm
1284	Mercuric thiocyanate; (Mercuric sulfocyanate)	592-85-8	0.039	0.16	44	mg/m^3
1285	Octadecane, n-	593-45-3	33	170	1,000	ppm
1286	Methylamine hydrochloride	593-51-1	0.99	11	320	mg/m^3
1287	Methyl fluoride; (Fluoromethane)	593-53-3	13	150	900	mg/m^3
1288	Vinyl bromide	593-60-2	1.5	670	2,300	ppm
1289	Dimethyl mercury	593-74-8	0.034	0.046	11	mg/m^3
1290	Thiocyanic acid, compound with guanidine (1:1); (Guanidine thiocyanate salt)	593-84-0	0.98	11	65	mg/m^3
1291	**Methyldichloroarsine; (Dichloromethylarsine)**	**593-89-5**	0.053	**0.053**	**0.16**	mg/m^3
1292	Trimethylphosphine	594-09-2	0.067	0.73	4.4	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1293	Tert-butyllithium	594-19-4	1.2	13	79	mg/m^3
1294	Dichloropropane, 2,2-	594-20-7	2.4	26	160	ppm
1295	**Perchloromethyl mercaptan**	**594-42-3**	**0.013**	**0.30**	**0.90**	ppm
1296	Hydroxy-2-methylpropanoic acid, 2-; (2-Methyllactic acid)	594-61-6	30	330	2,000	mg/m^3
1297	Dimethylbutyric acid, 2,2-	595-37-9	6	66	400	mg/m^3
1298	Tetraethyltin; (Tetraethylstannane)	597-64-8	0.4	7	7	mg/m^3
1299	**Ethyldichloroarsine; (Dichloroethylarsine)**	**598-14-1**	0.029	**0.029**	**0.086**	mg/m^3
1300	Methyl-1-propen-1-one, 2-; (Dimethylketene)	598-26-5	0.011	0.12	0.69	ppm
1301	Butyllithium, sec-	598-30-1	0.067	0.73	4.4	ppm
1302	**Bromoacetone**	**598-31-2**	**0.011**	**0.33**	**0.98**	ppm
1303	Methyl vinyl carbinol; (3-Buten-2-ol)	598-32-3	0.016	0.18	1.1	ppm
1304	Methyl nitrate; (Nitric acid, methyl ester)	598-58-3	0.85	9.4	56	ppm
1305	Manganese carbonate	598-62-9	6.3	10	60	mg/m^3
1306	Lead carbonate	598-63-0	0.19	8.5	900	mg/m^3
1307	Bromotrifluoroethylene	598-73-2	1.3	1.3	1,400	ppm
1308	Pentafluorobenzoic acid	602-94-8	0.58	6.4	39	mg/m^3
1309	Triphenylphosphine	603-35-0	1.1	12	540	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1310	Dinitrotoluene, 2,6-	606-20-2	0.6	12	200	mg/m^3
1311	Dibromophenol, 2,6-	608-33-3	0.5	2.5	2.5	mg/m^3
1312	Benzene hexachloride; (Hexachlorocyclohexane, mixed isomers)	608-73-1	0.19	2.1	30	mg/m^3
1313	Pentachlorobenzene	608-93-5	1.6	18	220	mg/m^3
1314	Dinitrotoluene, 3,4-	610-39-9	0.6	33	200	mg/m^3
1315	Ethyltoluene, o-	611-14-3	12	130	2,400	mg/m^3
1316	Nitrosotoluene, 2-; (o-Nitrosotoluene)	611-23-4	1.5	16	99	mg/m^3
1317	Alpha-hydroxybenzeneacetic acid, (+-)-; (DL-mandelic acid)	611-72-3	25	270	1,600	mg/m^3
1318	Butyl perbenzoate, tert-	614-45-9	0.63	6.9	200	mg/m^3
1319	Methylphenylthiourea, 2-; (o-Tolyl thiourea)	614-78-8	4.5	50	50	mg/m^3
1320	Furancarboxylic acid, ethyl ester, 2-; (Ethyl furoate)	614-99-3	0.1	1.1	6.8	ppm
1321	Phenylenediamine dihydrochloride, 1,2-	615-28-1	1.8	19	110	mg/m^3
1322	Dimethyl carbonate	616-38-6	11	120	700	ppm
1323	Pyrrolidinone, 2-	616-45-5	0.17	1.9	19	ppm
1324	Methylimidazole, 1-	616-47-7	2.3	25	150	mg/m^3
1325	Malic acid, DL-	617-48-1	2.6	29	170	mg/m^3
1326	Phenyl-2-propanol, 2-; (Dimethylphenylmethanol)	617-94-7	0.7	7.7	46	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1327	Chloro-4-nitrophenol, 2-	619-08-9	0.38	4.2	25	ppm
1328	Tribenzylamine	620-40-6	30	330	2,000	mg/m^3
1329	Nitrosodipropylamine; (DPNA)	621-64-7	2	22	95	mg/m^3
1330	Ethyltoluene, p-	622-96-8	12	130	2,400	mg/m^3
1331	Diazoacetic acid, ethyl ester; (Ethyl diazoacetate)	623-73-4	0.037	0.41	79	mg/m^3
1332	Diethylurea, 1,3-	623-76-7	4.6	50	300	ppm
1333	Phenylenediamine dihydrochloride, 1,4-	624-18-0	0.44	4.9	29	mg/m^3
1334	Dimethylcyclohexane, cis-1,4-	624-29-3	0.52	5.8	35	ppm
1335	Butene, trans-2-; (trans-1,2-Dimethylethylene)	624-64-6	460	460	6,600	ppm
1336	**Methyl isocyanate**	**624-83-9**	**0.025**	**0.067**	**0.20**	ppm
1337	**Dimethyl disulfide**	**624-92-0**	**0.01**	**50**	**250**	ppm
1338	Nitric acid, ethyl ester; (Ethyl nitrate)	625-58-1	0.59	6.5	39	ppm
1339	Hexanol, 2-; (2-Hydroxyhexane)	626-93-7	0.35	3.8	23	mg/m^3
1340	Chloroethyl chloroformate	627-11-2	1.8	20	20	mg/m^3
1341	Propyl nitrate	627-13-4	40	330	2,000	ppm
1342	Chloropropanol, 3-; (1-Propanol, 3-chloro-)	627-30-5	6.9	76	460	mg/m^3
1343	Diethyl mercury	627-44-1	0.039	0.052	13	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1344	Diethyl telluride	627-54-3	0.1	0.1	1.1	mg/m^3
1345	Iodopentane, 1-	628-17-1	0.2429	63	380	mg/m^3
1346	Amyl acetate	628-63-7	100	100	4,000	ppm
1347	Diethylene glycol diacetate; (2,2'-Oxybisethanol diacetate)	628-68-2	73	810	4,800	mg/m^3
1348	Hexanenitrile	628-73-9	0.19	2.1	13	ppm
1349	Dibromohexane, 1,6-	629-03-8	0.89	9.7	58	mg/m^3
1350	Hexanediol, 1,6-; (Hexamethylene glycol)	629-11-8	20	220	730	mg/m^3
1351	Cyclooctatetraene, 1,3,5,7-	629-20-9	65,000	2.30E+05	4.00E+05	ppm
1352	Tridecane	629-50-5	0.0026	0.029	2.3	ppm
1353	Tetradecane; (n-Tetradecane)	629-59-4	4.8	53	320	ppm
1354	Pentadecane	629-62-9	1.3	15	87	ppm
1355	Hexadecene, 1-	629-73-2	0.34	3.8	23	ppm
1356	Heptadecane	629-78-7	6.8	74	450	ppm
1357	Octacosane	630-02-4	21	110	660	ppm
1358	Nonacosane	630-03-5	30	330	2,000	mg/m^3
1359	Pentatriacontane	630-07-9	30	330	2,000	mg/m^3
1360	**Carbon monoxide**	**630-08-0**	83	**83**	**330**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1361	Tetrachloroethane, 1,1,1,2-	630-20-6	0.54	6	13	ppm
1362	Ouabain	630-60-4	0.75	8.3	8.3	mg/m^3
1363	Ammonium acetate	631-61-8	4.6	50	250	mg/m^3
1364	Tetrachlorobenzene, 1,2,3,4-	634-66-2	2.2	25	230	mg/m^3
1365	Phenylphosphine	638-21-1	0.0045	0.05	1.7	ppm
1366	Acetic acid, manganese(II) salt (2:1)	638-38-0	9.4	16	580	mg/m^3
1367	Triphenyltin chloride; (Chlorotriphenylstannane)	639-58-7	0.65	20	27	mg/m^3
1368	Fluoroacetamide	640-19-7	0.53	5.8	5.8	mg/m^3
1369	Manganese oxalate	640-67-5	7.8	13	78	mg/m^3
1370	Dimetilan	644-64-4	2.3	25	25	mg/m^3
1371	Aminoacetaldehyde diethyl acetal; (2,2-Diethoxyethylamine)	645-36-3	6	66	400	mg/m^3
1372	Dioxolane, 1,3-	646-06-0	20	69	300	ppm
1373	Acetone-d6	666-52-4	200	3,200	5,700	ppm
1374	**Diketene; (Ketene dimer)**	**674-82-8**	**1**	**6**	**18**	ppm
1375	Cyanuric fluoride; (2,4,6-Trifluoro-s-triazine)	675-14-9	0.17	0.17	87	mg/m^3
1376	Methylmagnesium chlordie	676-58-4	1.2	13	79	mg/m^3
1377	Methane-d3	676-80-2	3,000	3,000	18,000	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1378	Dichloromethylphosphine; (Methylphosphonous dichloride)	676-83-5	0.067	0.73	4.4	ppm
1379	Methyl phosphonic dichloride	676-97-1	0.13	1.4	6.2	mg/m^3
1380	Methyl phosphonothioic dichloride	676-98-2	1	11	67	mg/m^3
1381	Methyl difluorophosphite; (Methylphosphonic difluoride)	676-99-3	0.34	3.7	22	mg/m^3
1382	Hexamethylphosphoramide	680-31-9	0.12	1.3	15	ppm
1383	**Tetramethoxysilane; (Methyl silicate)**	**681-84-5**	0.91	**0.91**	**1.4**	ppm
1384	Tetrapropoxysilane	682-01-9	6	66	400	mg/m^3
1385	Diethyl methylphosphonate; (DEMP)	683-08-9	7.3	81	480	mg/m^3
1386	**Hexafluoroacetone**	**684-16-2**	0.1	**0.20**	**80**	ppm
1387	Nitroso-N-methylurea, N-	684-93-5	0.74	8.2	22	mg/m^3
1388	Ethyl lactate; (Ethyl (S)-(-)-lactate)	687-47-8	5.7	63	380	mg/m^3
1389	Boric acid, tributyl ester; (Tri-n-butyl borate)	688-74-4	0.37	4.1	25	ppm
1390	Hexafluorobutyne-2; (1,1,1,4,4,4-Hexafluoro-2-butyne)	692-50-2	0.054	0.6	3.6	ppm
1391	Tetrahydropyridine, 1,2,3,6-	694-05-3	8.8297	97	580	ppm
1392	Cyclohexanediamine, 1,2-	694-83-7	1.9	21	120	mg/m^3
1393	**Phenyl dichloroarsine; (Dichlorophenylarsine)**	**696-28-6**	0.061	**0.061**	**0.18**	mg/m^3
1394	**Diphenylchloroarsine; (Chlorodiphenylarsine)**	**712-48-1**	0.39	**0.39**	**1.2**	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1395	Phosmet	732-11-6	0.049	0.54	55	mg/m^3
1396	Iodoheptafluoropropane, 1-; (Heptafluoropropyl iodide)	754-34-7	0.03	190	1,200	ppm
1397	Dimethyl methylphosphonate; (DMMP)	756-79-6	17	180	1,600	mg/m^3
1398	Diethylphosphatoethyltriethoxy silane	757-44-8	52	570	3,400	mg/m^3
1399	Methacrylic anhydride	760-93-0	0.41	4.5	16	mg/m^3
1400	Diethyl phosphite	762-04-9	12	130	770	mg/m^3
1401	Propionic acid, 3-ethoxy-, ethyl ester; (Ethyl-3-ethoxypropionate)	763-69-9	100	100	100	ppm
1402	Dichloro-2-butene, 1,4-	764-41-0	0.015	0.13	12	ppm
1403	Glycidaldehyde	765-34-4	0.081	0.89	11	ppm
1404	Phenyltriethoxysilane	780-69-8	8.5	93	560	mg/m^3
1405	Carbophenothion; (Trithion)	786-19-6	0.62	6.8	6.8	mg/m^3
1406	**Tetrafluoroethane, 1,1,1,2-; (HFC 134a)**	**811-97-2**	**8,000**	**13,000**	**27,000**	ppm
1407	Methyl alcohol-d4	811-98-3	530	2,100	7,200	ppm
1408	Diethyl chlorophosphate	814-49-3	0.73	8	8	mg/m^3
1409	Acrylyl chloride; (Acryloyl chloride)	814-68-6	0.022	0.24	0.87	ppm
1410	Copper(II) oxalate	814-91-5	7.3	79	480	mg/m^3
1411	Lead oxalate	814-93-7	0.21	170	1,000	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1412	Strontium oxalate	814-95-9	25	60	75	mg/m^3
1413	Hydroxyethyl acrylate, 2-; (Acrylic acid, 2-hydroxyethyl ester)	818-61-1	0.019	0.21	19	ppm
1414	Nonanone, 2-	821-55-6	0.18	2	30	ppm
1415	Hexamethylene diisocyanate; (1,6-Diisocyanatohexane)	822-06-0	0.005	0.02	0.8	ppm
1416	Sodium stearate	822-16-2	0.26	2.8	17	mg/m^3
1417	Methylimidazole, 4-	822-36-6	3.7	41	150	mg/m^3
1418	Dichlorocyclohexane, trans-1,2-	822-86-6	0.75	6	30	ppm
1419	Toluene-2,6-diamine; (2-Methyl-1,3-benzenediamine)	823-40-5	1.1	12	69	mg/m^3
1420	Trimethylolpropane phosphite	824-11-3	0.23	2.5	2.6	mg/m^3
1421	Methyl-8-quinolinol, 2-	826-81-3	30	330	2,000	mg/m^3
1422	Phenylcyclohexane; (Cyclohexylbenzene)	827-52-1	31	340	2,000	mg/m^3
1423	Naphthol-8-sulfonic acid, sodium salt, 2-	832-85-9	0.85	9.3	56	mg/m^3
1424	Indigo carmine; (FD&C blue No 2)	860-22-0	0.23	2.6	37	mg/m^3
1425	Potassium-tert-butoxide; (tert-Butyl alcohol, potassium derivitave)	865-47-4	1.2	13	79	mg/m^3
1426	Chloroform-d; (Deuterated chloroform)	865-49-6	2	64	3,200	ppm
1427	Diethyl trichloromethylphosphonate	866-23-9	2.4	26	160	mg/m^3
1428	Potassium citrate	866-84-2	2.1	23	140	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1429	Tartaric acid, monopotassium salt	868-14-4	140	1,500	9,000	mg/m^3
1430	Hydroxyethyl methacrylate, 2-	868-77-9	0.71	7.8	1,000	mg/m^3
1431	**Dimethyl phosphite**	**868-85-9**	8.6	**95**	**150**	mg/m^3
1432	Methyl 2-pyrrolidinone, 1-; (N-Methylpyrrolidone)	872-50-4	10	10	10	ppm
1433	Pyridinecarboxaldehyde, 4-; (Isonicotinaldehyde)	872-85-5	5.4	60	360	mg/m^3
1434	Hydrogen potassium phthalate; (Phthalic acid, monopotassium salt; Potassium acid phthalate; Potassium biphthalate)	877-24-7	9.6	110	630	mg/m^3
1435	Acetoxytriphenylstannane	900-95-8	0.69	20	25	mg/m^3
1436	Methyl lithium	917-54-4	0.64	7.1	42	mg/m^3
1437	Aminopropyltriethoxysilane; (3-(Triethoxysilyl)-1-propanamine)	919-30-2	0.34	3.8	350	mg/m^3
1438	Demeton-S-methyl	919-86-8	0.45	5	22	mg/m^3
1439	Methacryloyl chloride	920-46-7	0.013	0.14	0.62	ppm
1440	Hexafluoro-2-propanol, 1,1,1,3,3,3-	920-66-1	1.3	15	87	ppm
1441	Methylpropylnitrosoamine; (N-Methyl-N-nitroso-1-propanamine)	924-46-9	0.0018	0.019	1	ppm
1442	Bromoethylmagnesium	925-90-6	1.2	13	79	mg/m^3
1443	Ethyl alcohol-d; (Ethanol-d)	925-93-9	1,800	3,300	15,000	ppm
1444	Dimethyl-1-butanamine, N,N-	927-62-8	120	1,300	7,700	mg/m^3
1445	Nitric acid, butyl ester; (Butyl nitrate)	928-45-0	6.1619	68	410	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1446	Chloro-1-butanol, 4-	928-51-8	0.53	5.8	110	mg/m^3
1447	**Hexyltrichlorosilane**	**928-65-4**	**0.60**	**7.3**	**33**	ppm
1448	Methyl-2-heptanone, 6-	928-68-7	30	330	2,000	mg/m^3
1449	Disodium iminodiacetate	928-72-3	3.3	37	220	ppm
1450	Aminoethoxy)ethanol, 2-(2-	929-06-6	9	99	590	mg/m^3
1451	Oxirane, ethenyl-; (3,4-Epoxy-1-butene)	930-22-3	0.24	2.7	23	ppm
1452	Chlorocyclohexene; (4-Chlorocyclohexene)	930-65-4	60	500	2,500	ppm
1453	Glycerine carbonate; (4-Hydroxymethyl-1,3-dioxolan-2-one)	931-40-8	30	330	2,000	mg/m^3
1454	Cyclooctene, cis-	931-87-3	2.5	27	160	mg/m^3
1455	Trichlorophenol, 2,3,6-	933-75-5	1.8	20	120	mg/m^3
1456	Chloroperoxybenzoic acid, 3-	937-14-4	0.023	0.26	1.5	mg/m^3
1457	Fonofos	944-22-9	0.12	1.3	53	mg/m^3
1458	Phosfolan	947-02-4	0.82	9	9	mg/m^3
1459	Mephosfolan	950-10-7	0.82	9	9	mg/m^3
1460	Methidathion; (O,O-Dimethyl-S-(5-methoxy-1,3,4-thiadiazolinyl-3-methyl)dithiophosphate)	950-37-8	1.8	20	160	mg/m^3
1461	Triphenylborane	960-71-4	6	66	400	mg/m^3
1462	Basic Red 1; (Rhodamine 6G extra base)	989-38-8	0.0081	0.089	1.3	mg/m^3

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1463	Norbormide	991-42-4	0.35	3.8	3.8	mg/m^3
1464	**Methyl chlorosilane; (Chloromethylsilane)**	**993-00-0**	**1.8**	**22**	**100**	ppm
1465	Methylphosphonate	993-13-5	30	330	2,000	mg/m^3
1466	Amyl methyl ether, tert-; (TAME)	994-05-8	57	57	57	ppm
1467	Dimethylisopropylamine, N,N-	996-35-0	10.8	120	710	mg/m^3
1468	**Triethoxysilane**	**998-30-1**	**0.5**	**4**	**10**	ppm
1469	Tributylphosphine	998-40-3	0.27	3	18	ppm
1470	Chlormequat chloride; (Choline dichloride)	999-81-5	0.64	7	11	mg/m^3
1471	Hexamethyldisilazane	999-97-3	0.2	2.2	170	mg/m^3
1472	Nitric acid, pentyl ester; (Amyl nitrate)	1002-16-0	1.3	15	89	ppm
1473	Chlorodecane, 1-	1002-69-3	48	250	1,500	ppm
1474	Pentadecanoic acid	1002-84-2	0.018	0.2	1.2	ppm
1475	Tetrahydro-2,5-dimethyl furan	1003-38-9	12	130	790	mg/m^3
1476	Heptachlor epoxide; (Epoxyheptachlor)	1024-57-3	0.15	3	3	mg/m^3
1477	Triamiphos	1031-47-6	0.91	10	10	mg/m^3
1478	Chromic acetate; (Chromium(III) acetate)	1066-30-4	6.6	78	470	mg/m^3
1479	Ammonium bicarbonate	1066-33-7	4.7	52	310	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1480	**Dimethylchlorosilane; (Chlorodimethylsilane)**	**1066-35-9**	**1.8**	**22**	**100**	ppm
1481	Trimethylsilanol	1066-40-6	0.5	2	5	ppm
1482	Trimethyltin chloride; (Chlorotrimethylstannane)	1066-45-1	0.34	20	20	mg/m^3
1483	Diacetoxydibutyl stannane	1067-33-0	0.59	0.82	6.3	mg/m^3
1484	Isopropylmagnesium chloride; (Chloro(1-methylethyl)magnesium)	1068-55-9	0.75	8.3	50	mg/m^3
1485	Sodium hexamethyldisilazane; (Sodium bis(trimethylsilyl)amide)	1070-89-9	30	330	2,000	mg/m^3
1486	Dimethylheptane, 2,2-	1071-26-7	67	340	2,000	ppm
1487	Methylaziridine, 1-	1072-44-2	2	2	100	ppm
1488	Benzene-d6; (Deuterated benzene)	1076-43-3	52	800	4,000	ppm
1489	Ammonium carbamate; (Carbamic acid, ammonium salt)	1111-78-0	0.23	2.6	15	mg/m^3
1490	Dimethyldimethoxysilane	1112-39-6	13	140	830	mg/m^3
1491	Ammonium oxalate; (Ethanedioic acid, diammonium salt)	1113-38-8	33	370	2,200	mg/m^3
1492	Vinyl sulfoxide	1115-15-7	0.62	6.8	41	mg/m^3
1493	Trioctylamine; (N,N-Dioctyl-1-octanamine)	1116-76-3	6	66	400	mg/m^3
1494	Tetramethyl-3,5-heptanedione, 2,2,6,6-; (Dipivaloylmethane)	1118-71-4	30	330	2,000	mg/m^3
1495	Tetradecyltrimethylammonium bromide	1119-97-7	12	130	770	mg/m^3
1496	Undecane	1120-21-4	0.24	2.7	16	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1497	Propane sultone, 1,3-	1120-71-4	1.4	16	95	mg/m^3
1498	Nitrocyclohexane	1122-60-7	0.14	1.5	6.6	mg/m^3
1499	Nitropyridine-N-oxide, 4-; (Pyridine, 4-nitro, 1-oxide)	1124-33-0	7.3	80	80	mg/m^3
1500	Metolcarb; (Methylcarbamic acid m-tolyl ester)	1129-41-5	0.44	4.8	21	mg/m^3
1501	Morpholinepropanesulfonic acid, 4-	1132-61-2	0.69	7.6	46	mg/m^3
1502	Cyclohexylamino)-1-propanesulfonic acid, 3-(; (CAPS)	1135-40-6	0.69	7.6	46	mg/m^3
1503	Tin(IV) isopropoxide	1184-61-8	0.7	7.7	46	mg/m^3
1504	Tris hydrochloride; (Trizma hydrochloride; Tris(hydroxymethyl) aminomethane hydrochloride)	1185-53-1	6	66	400	mg/m^3
1505	Methyltrimethoxysilane	1185-55-3	38	410	2,500	mg/m^3
1506	Ferric ammonium citrate	1185-57-5	5.4	98	400	mg/m^3
1507	Diisobutylaluminum hydride; (Diisobutylhydroaluminum)	1191-15-7	5.4	49	290	ppm
1508	Trichloro-2-nitrosobenzene, 1,3,5-	1196-13-0	3.6	40	240	mg/m^3
1509	Benzyl aminopurine, 6-; (6-Benzyladenine)	1214-39-7	0.45	4.9	230	mg/m^3
1510	Ethidium bromide; (2,7-Diamino-10-ethyl-9-phenylphenanthridinium bromide)	1239-45-8	0.036	0.4	2.4	mg/m^3
1511	Aluminum carbide	1299-86-1	3	33	200	mg/m^3
1512	Xylidine	1300-73-8	10	25	150	ppm
1513	Sodium aluminate; (Aluminum sodium dioxide)	1302-42-7	18	200	1,200	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1514	Lithium aluminum silicate; (Petalite)	1302-66-5	3	33	200	mg/m^3
1515	Aluminum(III) silicate (2:1); (Kyanite; Oil-dri)	1302-76-7	3	33	200	mg/m^3
1516	Bentonite; (Clay absorbent)	1302-78-9	0.21	2.3	14	mg/m^3
1517	Arsenic pentoxide	1303-28-2	0.73	8	150	mg/m^3
1518	Boron oxide	1303-86-2	30	100	620	mg/m^3
1519	Lithium tetraborate pentahydrate	1303-94-2	36	400	2,400	mg/m^3
1520	Sodium borate decahydrate	1303-96-4	6	22	780	mg/m^3
1521	Barium oxide	1304-28-5	1.7	200	1,200	mg/m^3
1522	Barium dioxide; (Barium peroxide)	1304-29-6	1.8	230	1,400	mg/m^3
1523	Beryllium oxide	1304-56-9	0.0063	0.069	0.28	mg/m^3
1524	Bismuth oxide	1304-76-3	15	170	990	mg/m^3
1525	Bismuth hydroxide nitrate oxide; (White paint)	1304-85-4	2.9	32	630	mg/m^3
1526	Calcium hydroxide	1305-62-0	15	240	1,500	mg/m^3
1527	Calcium oxide	1305-78-8	6	110	660	mg/m^3
1528	**Calcium phosphide**	**1305-99-3**	0.091	**1.0**	**1.8**	ppm
1529	Hydroxyapatite; (Calcium hydroxyapatite)	1306-06-5	35	60	500	mg/m^3
1530	Cadmium oxide	1306-19-0	0.36	4	57	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1531	Cadmium sulfide	1306-23-6	0.039	1.5	64	mg/m^3
1532	Ceric oxide	1306-38-3	0.16	1.8	200	mg/m^3
1533	Cobalt(II) oxide	1307-96-6	0.076	1.4	25	mg/m^3
1534	Cobalt oxide; (Cobaltic-cobaltous oxide)	1308-06-1	0.082	4.5	27	mg/m^3
1535	Chromic(III) hydroxide; (Chromic acid (H3CrO3); Chromium trihydroxide)	1308-14-1	3	33	200	mg/m^3
1536	Chromite; (Chromite (mineral))	1308-31-2	0.32	3.6	22	mg/m^3
1537	Chromic oxide; (Chromium(III) oxide; Chromium sesquioxide)	1308-38-9	2.2	3.8	23	mg/m^3
1538	Dysprosium oxide; (Dysprosium(III) oxide)	1308-87-8	15	170	990	mg/m^3
1539	Europium oxide	1308-96-9	15	170	990	mg/m^3
1540	Ferric hydroxide; (Iron(III) hydroxide)	1309-33-7	3.1	35	210	mg/m^3
1541	Iron oxide; (Ferric oxide)	1309-37-1	15	360	2,200	mg/m^3
1542	Magnesium hydroxide	1309-42-8	31	340	1,700	mg/m^3
1543	Magnesium oxide	1309-48-4	22	22	130	mg/m^3
1544	Lead dioxide	1309-60-0	0.17	140	810	mg/m^3
1545	Antimony oxide	1309-64-4	0.6	0.6	96	mg/m^3
1546	Goethite; (Iron hydroxide oxide)	1310-14-1	7.5	12.5	250	mg/m^3
1547	Germanium oxide	1310-53-8	3.8	41	250	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1548	Potassium hydroxide	1310-58-3	0.18	2	54	mg/m^3
1549	Lithium hydroxide	1310-65-2	0.091	1	42	mg/m^3
1550	Lithium hydroxide monohydrate	1310-66-3	0.091	1	42	mg/m^3
1551	**Sodium hydroxide**	**1310-73-2**	**0.5**	**5**	**50**	mg/m^3
1552	Rubidium hydroxide	1310-82-3	1.8	19	120	mg/m^3
1553	Indium oxide (vapor)	1312-43-2b	0.32	0.88	5.3	mg/m^3
1554	Indium(III) oxide	1312-43-2a	0.36	370	2,200	mg/m^3
1555	Potassium silicate; (Silicic acid, potassium salt)	1312-76-1	30	330	2,000	mg/m^3
1556	Lanthanum oxide	1312-81-8	4	44	270	mg/m^3
1557	Manganese dioxide	1313-13-9	4.7	7.9	690	mg/m^3
1558	Molybdenum trioxide	1313-27-5	0.75	0.75	25	mg/m^3
1559	Disodium monoxide; (Disodium oxide; Sodium oxide)	1313-59-3	0.5	5	50	mg/m^3
1560	Sodium peroxide	1313-60-6	0.5	5	50	mg/m^3
1561	Sodium sulfide	1313-82-2	0.62	6.9	41	mg/m^3
1562	Sodium sulfide nonahydrate	1313-84-4	0.17	1.9	11	mg/m^3
1563	Niobium pentoxide; (Niobium(V) oxide)	1313-96-8	0.93	10	430	mg/m^3
1564	Neodymium(III) oxide	1313-97-9	15	170	990	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1565	Nickel oxide; (Nickel(II) oxide)	1313-99-1	0.76	0.77	1.1	mg/m^3
1566	Palladium oxide	1314-08-5	15	160	970	mg/m^3
1567	Thallium oxide	1314-12-1	0.062	3.5	21	mg/m^3
1568	Zinc oxide	1314-13-2	10	15	2,500	mg/m^3
1569	Thorium oxide; (Thorium dioxide)	1314-20-1	30	330	2,000	mg/m^3
1570	Zirconium oxide	1314-23-4	14	110	680	mg/m^3
1571	Phosphorus trioxide	1314-24-5	0.27	2.9	18	mg/m^3
1572	Thallium(III) oxide; (Thallium sesquioxide; Thallic oxide)	1314-32-5	0.18	2	8.7	mg/m^3
1573	Vanadium trioxide	1314-34-7	0.065	0.71	100	mg/m^3
1574	Tungsten trioxide; (Tungsten(VI) oxide)	1314-35-8	13	13	210	mg/m^3
1575	Yttrium trioxide	1314-36-9	1.3	1.3	91	mg/m^3
1576	Ytterbium oxide	1314-37-0	30	330	2,000	mg/m^3
1577	Lead tetroxide	1314-41-6	0.17	130	770	mg/m^3
1578	**Phosphorus pentoxide**	**1314-56-3**	**1**	**10**	**50**	mg/m^3
1579	Tantalum(V) oxide	1314-61-0	12	12	1,600	mg/m^3
1580	Vanadium pentoxide; (Vanadium(V) oxide)	1314-62-1	0.64	7	250	mg/m^3
1581	Rhenium oxide; (Rhenium(VII) oxide)	1314-68-7	3	33	200	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1582	Phosphorus pentasulfide	1314-80-3	3	130	750	mg/m^3
1583	**Zinc phosphide**	**1314-84-7**	0.091	**1.0**	**1.8**	ppm
1584	Lead sulfide	1314-87-0	0.17	33	810	mg/m^3
1585	Zinc sulfide	1314-98-3	3.4	37	220	mg/m^3
1586	Antimony pentasulfide	1315-04-4	2.5	22	130	mg/m^3
1587	Molybdenum(IV) sulfide	1317-33-5	50	66	400	mg/m^3
1588	Manganese(III) oxide	1317-34-6	4.3	7.2	13	mg/m^3
1589	Manganese oxide; (Manganese tetroxide)	1317-35-7	4.2	6.9	6.9	mg/m^3
1590	Lead oxide; (Lead monoxide)	1317-36-8	0.16	130	750	mg/m^3
1591	Iron sulfide	1317-37-9	4.7	53	320	mg/m^3
1592	Cupric oxide	1317-38-0	0.75	4.6	28	mg/m^3
1593	Copper oxide; (Copper(I) oxide)	1317-39-1	0.6	16	93	mg/m^3
1594	Copper(II) sulfide	1317-40-4	4.5	50	300	mg/m^3
1595	Iron(II,III) oxide; (Ferrosoferric oxide; Iron(III) oxide)	1317-61-9	21	230	1,400	mg/m^3
1596	Limestone; (Calcium carbonate; Dolomite)	1317-65-3	27	27	1,300	mg/m^3
1597	Vermiculite, exfoliated	1318-00-9	3	33	200	mg/m^3
1598	Montmorillonite	1318-93-0	0.21	2.3	14	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1599	Cresols	1319-77-3	4.52	25	250	ppm
1600	Dichlorotetrafluoroethane	1320-37-2	210	2,300	8,500	ppm
1601	Trichloronaphthalene	1321-65-9	15	170	990	mg/m^3
1602	Divinylbenzene, mixed isomers; (Vinylstyrene)	1321-74-0	28	28	170	ppm
1603	Potassium aluminosilicate	1327-44-2	30	50	500	mg/m^3
1604	**Arsenic trioxide**	**1327-53-3**	0.27	**3.0**	**9.1**	mg/m^3
1605	**Xylenes**	**1330-20-7**	**130**	**920**	**2,500**	ppm
1606	Sodium borate; (Disodium tetraborate; Borates, tetrasodium salts)	1330-43-4	6	6	240	mg/m^3
1607	Methylcyclohexanone	1331-22-2	1.6	17	100	ppm
1608	Dichloroethylbenzene; (Ethyldichlorobenzene)	1331-29-9	17	180	1,100	mg/m^3
1609	Asbestos	1332-21-4	0.05	0.55	3.3	mg/m^3
1610	Tin(II) oxide	1332-29-2	7.6	85	510	mg/m^3
1611	Kaolin; (Aluminum silicate hydroxide; Fuller's earth [8031-18-3])	1332-58-7	2	2	4.6	mg/m^3
1612	Hydrogen	1333-74-0	65,000	2.30E+05	4.00E+05	ppm
1613	Chromic trioxide; (Chromium(VI) oxide (1:3))	1333-82-0	0.096	0.1	30	mg/m^3
1614	Sodium bifluoride; (Sodium hydrogen fluoride)	1333-83-1	12	140	820	mg/m^3
1615	Aluminum oxide hydrate	1333-84-2	1.5	15	25	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1616	Carbon black	1333-86-4	9	99	590	mg/m^3
1617	Lead acetate, basic; (Lead subacetate)	1335-32-6	6.6	73	440	mg/m^3
1618	Hexachloronaphthalene	1335-87-1	0.2	0.2	2	mg/m^3
1619	Ammonium hydroxide	1336-21-6	61	330	2,300	ppm
1620	Polychlorinated biphenyl; (Aroclor; PCBs)	1336-36-3	1.1	12	840	mg/m^3
1621	Methyl ethyl ketone peroxide	1338-23-4	0.18	2	8.8	ppm
1622	Sorbitan, monolaurate	1338-39-2	59	650	6,700	mg/m^3
1623	Sorbitan, monostearate	1338-41-6	74	820	6,100	mg/m^3
1624	Sorbitan, monooleate	1338-43-8	45	490	3,000	mg/m^3
1625	Ammonium hydrogen fluoride; (Ammonium bifluoride)	1341-49-7	11	130	750	mg/m^3
1626	Magnesium silicate; (Florisil)	1343-88-0	30	1,300	8,000	mg/m^3
1627	Magnesium silicate hydrate	1343-90-4	30	330	2,000	mg/m^3
1628	Silica gel dessicant	1343-98-2	6	6	6	mg/m^3
1629	Sodium aluminosilicate	1344-00-9	10	150	500	mg/m^3
1630	Silicic acid, aluminum calcium sodium salt	1344-01-0	10	10	28	mg/m^3
1631	Silicic acid, sodium salt; (Sodium silicate)	1344-09-8	5.9	65	390	mg/m^3
1632	Aluminum oxide; (Alumina)	1344-28-1	1.5	15	25	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1633	Manganous oxide; (Manganese(II) oxide)	1344-43-0	3.9	6.5	22	mg/m^3
1634	**Uranium(IV) oxide; (Uranium dioxide)**	**1344-57-6**	0.68	**10**	**30**	mg/m^3
1635	**Uranium trioxide**	**1344-58-7**	0.5	**0.5**	**3**	mg/m^3
1636	**Uranium oxide; (Triuranium octaoxide)**	**1344-59-8**	0.71	**10**	**50**	mg/m^3
1637	Cerium trioxide	1345-13-7	1.6	17	100	mg/m^3
1638	Iron(II) oxide; (Ferrous oxide)	1345-25-1	4.5	500	3,000	mg/m^3
1639	Antimycin A	1397-94-0	0.16	1.8	5.5	mg/m^3
1640	Dinoterb; (2-(1,1-Dimethylethyl)-4,6-dinitrophenol)	1420-07-1	2.3	25	25	mg/m^3
1641	Diisopropyl methylphosphonate	1445-75-6	0.58	6.4	160	mg/m^3
1642	Chlorosarin; (o-Isopropyl methylphosphonochloridate)	1445-76-7	5.00E-04	0.006	0.022	ppm
1643	Trimethylgallium	1445-79-0	1.2	13	79	mg/m^3
1644	Methyl alcohol-d	1455-13-6	530	2,100	7,200	ppm
1645	Bioxirane, 2,2'-; (1,2:3,4-Diepoxybutane)	1464-53-5	0.091	1	4	ppm
1646	Imidazole hydrochloride	1467-16-9	6	66	400	mg/m^3
1647	Trifluoromethanesulfonic acid; (Triflic acid)	1493-13-6	0.067	0.73	4.4	ppm
1648	Fluoro-2-nitrobenzene, 1-; (o-Fluoronitrobenzene)	1493-27-2	6	66	400	mg/m^3
1649	**Ethylphosphorodichloridate**	**1498-51-7**	0.055	**0.60**	**6.0**	ppm

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1650	Triphenylethoxysilane	1516-80-9	30	330	2,000	mg/m^3
1651	Tetracyanoquinodimethane	1518-16-7	0.18	2	12	mg/m^3
1652	Fluoro-6-nitrophenol, 2-	1526-17-6	2.5	15	75	mg/m^3
1653	Pivalic anhydride; (Trimethylacetic anhydride)	1538-75-6	30	330	2,000	mg/m^3
1654	**Chloromethyl(trichloro)silane**	**1558-25-4**	**0.60**	**7.3**	**33**	ppm
1655	Ethylhexyloxy)ethanol, 2-(2-	1559-35-9	21	230	610	mg/m^3
1656	Carbofuran	1563-66-2	0.1	0.43	0.57	mg/m^3
1657	Trifluralin; (2,6-Dinitro-N,N-dipropyl-4-(trifluoromethyl) benzenamine)	1582-09-8	2.3	26	78	mg/m^3
1658	Vinylbenzylchloride; (4-Vinylbenzyl chloride)	1592-20-7	1.2	13	79	mg/m^3
1659	Mercuric acetate	1600-27-7	0.048	16	16	mg/m^3
1660	Diethyl pyrocarbonate	1609-47-8	3.7	41	240	mg/m^3
1661	Butyl isocyanate, tert-	1609-86-5	0.04	0.44	2.6	mg/m^3
1662	Diethylaminoacetone	1620-14-0	1.5	10	50	ppm
1663	Chloroethanesulfonyl chloride, 2-	1622-32-8	0.23	2.5	19	mg/m^3
1664	Strontium carbonate	1633-05-2	0.93	10	61	mg/m^3
1665	**Methyl tert-butyl ether; (MTBE)**	**1634-04-4**	**50**	**570**	**5,300**	ppm
1666	Butanaminium, N,N,N-tributyl-1-, bromide; (Tetrabutylammonium bromide)	1643-19-2	30	330	2,000	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1667	Bathophenanthroline	1662-01-7	60	660	4,000	mg/m^3
1668	Dichloromethane-d2	1665-00-5	200	560	6,900	ppm
1669	Bisphenol A diglycidyl ether	1675-54-3	0.092	1	2.6	mg/m^3
1670	Butylcyclohexane; (1-Cyclohexylbutane)	1678-93-9	1.3	14	86	ppm
1671	Tetrahydrofuran-d8	1693-74-9	100	500	5,000	ppm
1672	Butyl acetoacetate, tert-	1694-31-1	15	170	990	mg/m^3
1673	Isopropyl nitrate	1712-64-7	15	50	300	ppm
1674	Bromopyrene, 3-	1714-29-0	30	330	2,000	mg/m^3
1675	**Dichloro-1-fluoroethane, 1,1-; (HCFC-141b; Freon 141)**	**1717-00-6**	**1,000**	**1,700**	**3,000**	ppm
1676	**Diethyldichlorosilane**	**1719-53-5**	**0.9**	**11**	**50**	ppm
1677	Allylmagnesium bromide	1730-25-2	30	330	2,000	mg/m^3
1678	Dimethylimidizole, 1,2-	1739-84-0	3.4	37	220	mg/m^3
1679	Dioxin; (TCDD; 2,3,7,8-Tetrachlorodibenzo-p-dioxin)	1746-01-6	3.00E-08	0.0023	0.004	mg/m^3
1680	Acetone thiosemicarbazide	1752-30-3	9.1	100	100	mg/m^3
1681	Trimethoxysilylpropyl) ethylenediamine, N-(3-	1760-24-3	23	250	1,500	mg/m^3
1682	Ammonium thiocyanate	1762-95-4	8.6	54	54	mg/m^3
1683	**Phosgene oxime**	**1794-86-1**	**0.028**	**0.083**	**13**	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1684	Dibutyl phosphite	1809-19-4	13	150	880	mg/m^3
1685	Trimethylsilylmethyllithium	1822-00-0	1.2	13	79	mg/m^3
1686	Methoxytrimethylsilane	1825-61-2	0.5	2	5	ppm
1687	Vinylmagnesium bromide	1826-67-1	1.2	13	79	mg/m^3
1688	Phosphonic acid, methyl-, mono(1-methylethyl) ester; (Isopropyl methylphosphonic acid)	1832-54-8	21	230	1,400	mg/m^3
1689	Formic acid, 2-propenyl ester; (Allyl formate)	1838-59-1	0.65	7.2	43	mg/m^3
1690	Ammonium benzoate	1863-63-4	2.5	27	160	mg/m^3
1691	**Phenyl Chloroformate; (Carbonochloridic acid, phenyl ester)**	**1885-14-9**	0.017	**0.19**	**0.57**	ppm
1692	Hexachloropropene	1888-71-7	0.089	0.98	5.9	ppm
1693	Dithiodiethanol, 2,2-; (Dithiodiglycol)	1892-29-1	0.52	5.7	34	mg/m^3
1694	Chlorothalonil; (Tetrachloroisophthalonitrile)	1897-45-6	0.56	6.1	8.6	mg/m^3
1695	Paraquat dichloride	1910-42-5	0.1	0.15	1	mg/m^3
1696	Nitrapyrin; (2-Chloro-6-(trichloromethyl)pyridine)	1929-82-4	20	20	190	mg/m^3
1697	Potassium glycolate	1932-50-9	20	150	750	ppm
1698	Cyclohexyl methyl phosphonic acid	1932-60-1	30	330	2,000	mg/m^3
1699	Direct Black 38; (Apomine black GX)	1937-37-7	4.1	45	4,400	mg/m^3
1700	Tetrabutylammonium nitrate	1941-27-1	0.033	0.36	2.2	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1701	Chloroxuron	1982-47-4	0.91	10	68	mg/m^3
1702	Ethanediylbis(N-(carboxymethyl)glycine), N,N'-1,2-, dipotassium salt	2001-94-7	1.5	16	97	mg/m^3
1703	Valinomycin	2001-95-8	0.23	2.5	2.5	mg/m^3
1704	Methyltriethoxysilane	2031-67-6	3	33	200	ppm
1705	Bromoacetaldehyde diethyl acetal	2032-35-1	6	66	400	mg/m^3
1706	Methiocarb; (Mercaptodimethur)	2032-65-7	1.4	15	15	mg/m^3
1707	Toluene-d8; (Deuterated toluene)	2037-26-5	200	1,200	4,500	ppm
1708	Thorium oxalate	2040-52-0	57	630	3,800	mg/m^3
1709	Di-n-amylamine	2050-92-2	0.037	0.41	2.4	ppm
1710	Butyl levulinate	2052-15-5	15	170	990	mg/m^3
1711	Tetrabutylammonium hydroxide	2052-49-5	0.013	0.14	0.85	mg/m^3
1712	Paraquat methosulfate; (Paraquat dimethyl sulphate)	2074-50-2	0.014	0.15	20	mg/m^3
1713	Phenylsilatrane	2097-19-0	0.091	1	1	mg/m^3
1714	EPN; (O-Ethyl-O-(4-nitrophenyl) phenylthiophosphonate)	2104-64-5	0.45	5	50	mg/m^3
1715	Dichlorocyclohexane, 1,1-	2108-92-1	0.75	6	30	ppm
1716	Aldrithiol-2; (2,2'-Dithiodipyridine)	2127-03-9	30	330	2,000	mg/m^3
1717	Dichlorohexane, 1,2-	2162-92-7	0.75	6	30	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1718	Dichlorooctane, 1,8-	2162-99-4	7.5	83	500	mg/m^3
1719	Dichlorohexane, 1,6-	2163-00-0	12	130	790	mg/m^3
1720	Acetonitrile-d3	2206-26-0	13	320	670	ppm
1721	Methyl sulfoxide-d6; (Dimethyl-d6-sulfoxide)	2206-27-1	250	250	900	ppm
1722	Ethylheptane, 4-	2216-32-2	2.3	25	150	ppm
1723	Cadmium stearate; (Octadecanoic acid, cadmium salt)	2223-93-0	0.12	1.3	300	mg/m^3
1724	Nickel(2+) stearate	2223-95-2	32	360	2,200	mg/m^3
1725	Thiocarbazide; (Thiocarbohydrazide)	2231-57-4	9.1	100	100	mg/m^3
1726	Octachloronaphthalene	2234-13-1	0.3	3.3	20	mg/m^3
1727	Diglycidyl ether	2238-07-5	0.77	8.5	25	ppm
1728	Nonanenitrile; (1-Octyl cyanide)	2243-27-8	45	45	270	ppm
1729	Butanol, aluminum salt, 2-	2269-22-9	55	590	3,600	mg/m^3
1730	Prothoate; (Isopropyl diethyldithiophosphorylacetamide)	2275-18-5	0.15	1.7	10	mg/m^3
1731	Iotalamic acid	2276-90-6	120	1,300	7,800	mg/m^3
1732	Trifluoromethyl iodide; (Iodotrifluoromethane)	2314-97-8	48	390	390	ppm
1733	Spiro(isobenzofuran-1(3H),9'-(9H)xanthen)-3-one, 3',6'-dihydroxy-; (Fluorescein)	2321-07-5	0.28	3.1	65	mg/m^3
1734	Ethoxyethyl methacrylate, 2-	2370-63-0	3	33	200	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1735	Mirex; (Perchloropentacyclodecane)	2385-85-5	0.018	0.2	47	mg/m^3
1736	Ethylmagnesium chloride; (Chloroethyl magnesium)	2386-64-3	30	330	2,000	mg/m^3
1737	Bromoanisole, 3-; (1-Bromo-3-methoxybenzene)	2398-37-0	30	330	2,000	mg/m^3
1738	Potassium nitrilotriacetate; (Potassium NTA)	2399-85-1	3.7	40	240	mg/m^3
1739	Magnesium ethoxide	2414-98-4	30	130	750	mg/m^3
1740	Carbonyldiphthalic anhydride, 4,4'-	2421-28-5	30	330	2,000	mg/m^3
1741	Bis(2,3-epoxypropoxy) butane, 1,4-	2425-79-8	5.7	63	220	mg/m^3
1742	Butyl glycidyl ether, n-	2426-08-6	3	5.6	3,500	ppm
1743	Auramine; (4,4'-(Imidocarbonyl)bis(N,N-dimethylamine) monohydrochloride)	2465-27-2	0.49	5.4	53	mg/m^3
1744	**Trimethoxysilane**	**2487-90-3**	**0.5**	**0.83**	**2.5**	ppm
1745	Oxydisulfoton	2497-07-6	0.32	3.5	3.5	mg/m^3
1746	Dimethyl phosphorochloridothioate	2524-03-0	0.29	3.2	15	mg/m^3
1747	Diphenyl chlorophosphate; (Diphenylphosphoryl chloride)	2524-64-3	0.67	7.3	44	mg/m^3
1748	Glycidoxypropyltrimethoxysilane; (3-(2,3-Epoxypropoxy) propyltrimethoxysilane)	2530-83-8	1.7	19	210	mg/m^3
1749	Trimethoxysilylpropyl methacrylate, 3-; (Silane A-174)	2530-85-0	71	780	4,700	mg/m^3
1750	Chloropropyl)trimethoxysilane, 3-(; (3-(Trimethoxysilyl)propyl chloride)	2530-87-2	0.12	1.3	160	ppm
1751	Formothion	2540-82-1	0.025	0.27	140	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1752	Sulfur hexafluoride	2551-62-4	1,000	1,000	1,000	ppm
1753	Nitrocyclohexene, 1-; (1-Nitrocyclohex-1-ene)	2562-37-0	1	7.5	40	ppm
1754	Pentadecylamine	2570-26-5	0.18	2	40	mg/m^3
1755	Sulfonylbis-ethanol, 2,2'-	2580-77-0	1.2	13	79	mg/m^3
1756	Methyl demeton methyl; (Phosphorothioic acid, O,O-dimethyl-S-(2-methylthio)ethyl ester)	2587-90-8	1.8	20	20	mg/m^3
1757	Formylpiperidine, 1-	2591-86-8	0.71	7.8	38	ppm
1758	Hydroxybenzotriazole, 1-; (1-Hydroxybenzotriazole hydrate)	2592-95-2	31	340	2,000	mg/m^3
1759	Chloroethylchloromethylsulfide, 2-	2625-76-5	0.01	0.02	0.32	ppm
1760	Promecarb; (m-Cym-5-yl methylcarbamate)	2631-37-0	1.5	16	16	mg/m^3
1761	Cyanophos	2636-26-2	2.3	25	25	mg/m^3
1762	Azinphos ethyl; (Ethyl guthion)	2642-71-9	0.35	3.9	17	mg/m^3
1763	Hydrazine hydrochloride; (Hydrazine monochloride)	2644-70-4	0.38	4.2	25	mg/m^3
1764	Brilliant blue; (Acid blue 9)	2650-18-2	30	330	2,000	mg/m^3
1765	Methylphosphonothioic acid, O-(4-nitrophenyl) O-phenyl ester	2665-30-7	0.73	8	8	mg/m^3
1766	Dimethylacrylamide, N,N-	2680-03-7	0.056	0.61	50	mg/m^3
1767	Cyclotetramethylene tetranitramine; (HMX)	2691-41-0	19	210	1,300	mg/m^3
1768	Nitrosyl chloride	2696-92-6	0.012	0.14	0.81	ppm

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No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1769	**Chlorobenzylidene malononitrile, o-; (Tear Gas)**	**2698-41-1**	**0.050**	**0.50**	**11**	mg/m^3
1770	**Sulfuryl fluoride**	**2699-79-8**	10	**21**	**64**	ppm
1771	Methylphosphonothioic acid-, O-ethyl O-(4-(methylthio)phenyl) ester	2703-13-1	0.91	10	10	mg/m^3
1772	Thallous malonate	2757-18-8	0.18	2	25	mg/m^3
1773	Trimethyltriheptylamine, 6,6',6''-; (Triisooctylamine)	2757-28-0	4.3	48	290	mg/m^3
1774	Muscimol; (5-Aminomethyl-3-isoxyzole)	2763-96-4	1.5	17	17	mg/m^3
1775	Trimethoxyvinylsilane; (Vinyltrimethoxysilane; Silane, trimethoxyvinyl-)	2768-02-7	1.7	19	120	ppm
1776	Endothion	2778-04-3	1.5	17	17	mg/m^3
1777	Ethylene glycol monopropyl ether; (Propyl cellosolve; Ektasolve EP)	2807-30-9	20	20	400	ppm
1778	Hydroxyethylidene-1,1-diphosphonic acid, 1-; (Hydroxyethylidine bisphosphonic acid, 1-)	2809-21-4	7.2	79	480	mg/m^3
1779	Sodium glycolate; (Sodium hydroxyacetate)	2836-32-0	1.9	20	350	ppm
1780	**Chloro-1,1,1,2-tetrafluoroethane, 2-**	**2837-89-0**	**1,000**	**5,000**	**10,000**	ppm
1781	Methyldecane, 4-	2847-72-5	4.8	53	320	ppm
1782	Amino-2-methyl-2-propanol, 1-	2854-16-2	3.9	43	260	mg/m^3
1783	Bromotrimethylsilane; (Trimethylsilyl bromide)	2857-97-8	1.2	13	79	mg/m^3
1784	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
1785	Chlorpyrifos; (Dursban)	2921-88-2	0.6	1.1	8.8	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1786	**Allyl chlorocarbonate**	**2937-50-0**	0.064	**0.70**	**2.1**	ppm
1787	**Ethylchlorothioformate**	**2941-64-2**	0.024	**0.26**	**0.79**	ppm
1788	Phenyltrimethoxysilane	2996-92-1	0.59	6.5	39	mg/m^3
1789	Ammonium citrate, dibasic	3012-65-5	0.65	7.1	43	mg/m^3
1790	Methylethyl hydroperoxide, 1-; (Isopropyl hydroperoxide)	3031-75-2	0.42	4.6	27	mg/m^3
1791	Oxybis(N,N-dimethylethanamine), 2,2'-; (Bis(2-dimethylaminoethyl) ether; DMAEE)	3033-62-3	0.15	1.7	5.9	ppm
1792	Aminobutyl)diethoxymethylsilane, (4-	3037-72-7	4.1	45	45	mg/m^3
1793	Phosphonic acid, tridodecyl ester	3076-63-9	9.5	100	630	mg/m^3
1794	Ethanol, titanium(4+) salt	3087-36-3	30	330	2,000	mg/m^3
1795	Tetrapropylorthotitanate	3087-37-4	30	330	2,000	mg/m^3
1796	Acetylaminofluorenone, 2-	3096-50-2	0.16	1.7	10	mg/m^3
1797	Epibromohydrin	3132-64-7	0.98	11	65	mg/m^3
1798	Ammonium tartrate; (Diammonium tartrate)	3164-29-2	0.8	8.8	53	mg/m^3
1799	**Cyclohexyl isocyanate**	**3173-53-3**	0.0015	0.017	**0.10**	ppm
1800	Aminopropylmethyldiethoxysilane, 3-	3179-76-8	13	140	860	mg/m^3
1801	Sodium o-benzyl-p-chlorophenate	3184-65-4	30	330	2,000	mg/m^3
1802	Octanedione, 2,5-	3214-41-3	3.9	43	260	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1803	Potassium tetraphenylborate	3244-41-5	3	33	200	mg/m^3
1804	Copper nitrate; (Cupric nitrate)	3251-23-8	8.9	26	160	mg/m^3
1805	Phosphoric acid, dimethyl-p-(methylthio)phenyl ester	3254-63-5	0.64	7	7	mg/m^3
1806	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
1807	**Trimethylacetyl chloride; (Pivaloyl chloride)**	**3282-30-2**	0.048	**0.53**	**1.6**	ppm
1808	Peroxydicarbonic acid, disodium salt	3313-92-6	3.4	37	220	mg/m^3
1809	Butanephosphonic acid	3321-64-0	0.06	0.4	2	mg/m^3
1810	Nickel(II) carbonate (1:1)	3333-67-3	0.59	0.59	3.5	mg/m^3
1811	Nickel formate	3349-06-2	7.6	83	500	mg/m^3
1812	Dichloroamine; (Chlorimide)	3400-09-7	0.051	0.56	3.4	ppm
1813	Hydroxyphenyl)benzothiazole, 2-(2-	3411-95-8	27	300	1,800	mg/m^3
1814	Dimethoxybutane, 2,2-	3453-99-4	4.4	48	290	ppm
1815	Butanediol dinitrate, 1,4-	3457-91-8	0.125	0.4	3	ppm
1816	Ammonium citrate tribasic	3458-72-8	0.69	7.7	46	mg/m^3
1817	Dinitraniline orange; (Hansa orange RN)	3468-63-1	30	330	2,000	mg/m^3
1818	Zinc carbonate	3486-35-9	0.81	8.9	54	mg/m^3
1819	Trimethylhexane, 2,2,5-	3522-94-9	67	340	2,000	ppm

Compounds with unknown CASRNs are issued a “z-number” for identification purposes.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1820	Bis(2-chloroethylthio)ethane, 1,2-; (Sesquimustard)	3563-36-8	0.028	0.3	1.8	mg/m^3
1821	Chloropropyl-n-octylsulfoxide, 3-	3569-57-1	0.73	8	1,100	mg/m^3
1822	Dichloro-2-trifluoromethylbenzimidazole, 4,5-; (Chloroflurazole)	3615-21-2	1.2	13	13	mg/m^3
1823	Xylenol orange tetrasodium salt	3618-43-7	30	330	2,000	mg/m^3
1824	Lead arsenate; (Trilead diarsenate)	3687-31-8	0.18	2	600	mg/m^3
1825	Sulfotep; (TEDP)	3689-24-5	0.32	3.5	35	mg/m^3
1826	Chlorophacinone	3691-35-8	0.091	1	1	mg/m^3
1827	Crotonic Acid	3724-65-0	3	33	200	mg/m^3
1828	Amiton oxalate	3734-97-2	0.27	3	3	mg/m^3
1829	Methyl phencapton	3735-23-7	1	11	44	mg/m^3
1830	Methyl-4-penten-2-one, 4-	3744-02-3	25	25	1,400	ppm
1831	Potassium chlorate	3811-04-9	2.3	25	900	mg/m^3
1832	Fuberidazole	3878-19-1	0.3	3.3	15	mg/m^3
1833	Chloroacetic acid, sodium salt	3926-62-3	3.1	3.1	19	mg/m^3
1834	Tert-butylpyridine, 4-	3978-81-2	30	330	2,000	mg/m^3
1835	Thiophosphoryl chloride	3982-91-0	0.24	2.7	6.1	mg/m^3
1836	Bitoscanate; (1,4-Phenylenediisothiocyanic acid)	4044-65-9	1.8	20	20	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1837	Di(ethylene glycol) diacrylate	4074-88-8	0.75	8.3	50	mg/m^3
1838	Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride, 1-(3-	4080-31-3	0.062	0.69	99	mg/m^3
1839	Tris(2-aminoethyl)amine	4097-89-6	0.38	4.2	49	mg/m^3
1840	Isophorone diisocyanate	4098-71-9	0.02	0.14	0.6	ppm
1841	Phosacetim	4104-14-7	0.34	3.7	3.7	mg/m^3
1842	**Dichlorosilane**	**4109-96-0**	**0.90**	**11**	**50**	ppm
1843	Lithium diisopropylamide; (LDA)	4111-54-0	30	330	2,000	mg/m^3
1844	Ethenylsilanetriol triacetate	4130-08-9	30	330	2,000	mg/m^3
1845	Bis(1,1-dimethylethyl)-4-ethylphenol, 2,6-	4130-42-1	3	33	200	mg/m^3
1846	Dimethylammonium N,N-dimethylcarbamate	4137-10-4	1.2	13	79	mg/m^3
1847	**Crotonaldehyde**	**4170-30-3**	**0.19**	**4.4**	**14**	ppm
1848	Diethylene glycol di(3-aminopropyl) ether; (Polyglycol diamine)	4246-51-9	13	140	850	mg/m^3
1849	Methyltriacetoxysilane	4253-34-3	6.2	68	410	mg/m^3
1850	Diisopropylamino)ethyl chloride hydrochloride, 2-(-	4261-68-1	0.008	0.088	0.53	mg/m^3
1851	Fluenetil	4301-50-2	0.55	6	6	mg/m^3
1852	Bromomethyl-1,3-dioxolane, 2-	4360-63-8	6	66	400	mg/m^3
1853	Phosphonoacetic acid	4408-78-0	0.3	3.3	20	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1854	Thiobis(4-chloro-6-methyl)phenol, 2,2'-	4418-66-0	0.12	1.3	1.3	mg/m^3
1855	Trimethoxysilyl-1-propanethiol, 3-; (3-Mercaptopropyltrimethoxysilane)	4420-74-0	2.2	24	150	mg/m^3
1856	Morpholino)ethanesulfonic acid monohydrate, 2-(N-	4432-31-9	0.69	7.6	46	mg/m^3
1857	Butylene carbonate; (1,2-Butanediol, cyclic carbonate)	4437-85-8	15	170	990	mg/m^3
1858	Cyclohexylethanol, 2-	4442-79-9	2.8	31	190	mg/m^3
1859	**Dodecyltrichlorosilane**	**4484-72-4**	**0.60**	**7.3**	**33**	ppm
1860	Lithium stearate	4485-12-5	45	500	3,000	mg/m^3
1861	Tetrapropylammonium hydroxide	4499-86-9	0.035	0.39	2.3	mg/m^3
1862	Dimethylaminoethyl chloride hydrochloride, 2-	4584-46-7	0.12	1.4	47	mg/m^3
1863	Farnesol	4602-84-0	18	200	1,200	mg/m^3
1864	Chlorobutyryl chloride, 4-	4635-59-0	0.43	4.8	29	mg/m^3
1865	Paraquat	4685-14-7	0.1	0.1	1.5	mg/m^3
1866	Triazine-1,3,5(2H,4H,6H)-triethanol, s-; (Onyxide 200)	4719-04-4	2.3	25	150	mg/m^3
1867	Trioctylphosphine; (Tri-n-octylphosphine)	4731-53-7	0.099	1.1	6.5	mg/m^3
1868	Dibutylhexamethylenediamine, N,N'-	4835-11-4	0.2	2.2	9.7	mg/m^3
1869	Dimethyl-2-pentene, (E)-3,4-	4914-92-5	0.067	0.73	4.4	ppm
1870	Sodium cyclopentadienylide; (Cyclopentadienyl sodium)	4984-82-1	30	330	2,000	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1871	Aminopyrazine	5049-61-6	1.5	2.5	5	ppm
1872	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
1873	Methylene bis(4-isocyanatocyclohexane), 1,1'-	5124-30-1	0.005	0.01	0.13	ppm
1874	Methyltrioctylammonium chloride	5137-55-3	0.67	7.4	44	mg/m^3
1875	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
1876	Zinc carbonate hydroxide	5263-02-5	30	330	2,000	mg/m^3
1877	Tetraoxatetracosan-1-ol, 3,6,9,12-; ((Lauryl alcohol tri(oxyethylene) ethanol; BRIJ 30)	5274-68-0	30	330	2,000	mg/m^3
1878	**Octyltrichlorosilane**	**5283-66-9**	**0.60**	**7.3**	**33**	ppm
1879	**Nonyltrichlorosilane**	**5283-67-0**	**0.60**	**7.3**	**33**	ppm
1880	Sulfamic acid	5329-14-6	9.5	100	630	mg/m^3
1881	Methoxypropylamine, 3-; (3-MPA)	5332-73-0	15	15	15	ppm
1882	Hydrazine, dihydrochloride	5341-61-7	0.67	7.4	44	mg/m^3
1883	Chlorophenyl thiourea, 2-	5344-82-1	0.42	4.6	4.6	mg/m^3
1884	Pigment yellow 14	5468-75-7	15	170	990	mg/m^3
1885	Hydroxylamine chloride; (Hydroxylamine hydrochloride)	5470-11-1	2.1	23	28	mg/m^3
1886	Nitropyrene, 1-	5522-43-0	0.0012	0.013	0.077	mg/m^3
1887	Chloroethyl phenyl sulfide, 2-	5535-49-9	0.33	3.7	22	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1888	Tetrabutyl ammonium phosphate	5574-97-0	30	330	2,000	mg/m^3
1889	Tetrabutyl titanate; (Butyl titanate)	5593-70-4	0.67	7.4	44	ppm
1890	Sulfur pentafluoride	5714-22-7	0.01	0.01	1	ppm
1891	Carbethoxyethylidine(triphenylphosphorane)	5717-37-3	30	330	2,000	mg/m^3
1892	Calcium oxalate, hydrate	5794-28-5	15	60	60	mg/m^3
1893	Dihydroxynaphthalene-2,7-disulfonic acid, disodium salt dihydrate, 4,5-	5808-22-0	30	330	2,000	mg/m^3
1894	Mustard gas sulfoxide; (bis(2-Chloroethyl)sulfoxide)	5819-08-9	0.085	0.93	5.6	mg/m^3
1895	Coumatetralyl; (Endrocide)	5836-29-3	1.5	16.5	16.5	mg/m^3
1896	Citric acid monohydrate	5949-29-1	2.3	25	150	mg/m^3
1897	Sorbitan monolaurate; (D-Glucitol, 1,4-anhydro-, 6-dodecanoate)	5959-89-7	30	330	2,000	mg/m^3
1898	Tetrapotassium ethylenediaminetetraacetate; (EDTA tetrapotassium salt)	5964-35-2	15	75	400	mg/m^3
1899	Lactose, beta-D-; (beta-D-Glucopyranose, 4-O-beta-D-galactopyranosyl-)	5965-66-2	30	330	2,000	mg/m^3
1900	Sulfosalicylic acid, dihydrate, crystal	5965-83-3	5.6	61	370	mg/m^3
1901	Sodium carbonate monohydrate	5968-11-6	14	152	913	mg/m^3
1902	Zinc acetate dihydrate	5970-45-6	4.8	52	160	mg/m^3
1903	Ammonium oxalate monohydrate	5972-73-6	1.1	12	71	mg/m^3
1904	Limonene, d-	5989-27-5	20	20	160	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1905	Gallic acid monohydrate	5995-86-8	12	130	790	mg/m^3
1906	Sodium glycinate	6000-44-8	0.47	5.1	31	ppm
1907	Ammonium oxalate; (Diammonium oxalate monohydrate)	6009-70-7	1.1	12	71	mg/m^3
1908	Nickel acetate tetrahydrate	6018-89-9	12	12	69	mg/m^3
1909	Nickel oxalate (liquids)	6018-94-6a	0.75	8.3	50	mg/m^3
1910	Nickel oxalate (solids)	6018-94-6b	1.9	20	120	mg/m^3
1911	Pentanol, 2-; (sec-Amyl alcohol; Methyl propyl carbinol; Isoamyl alcohol, secondary)	6032-29-7	60	1,700	10,000	ppm
1912	Copper(II) acetate monohydrate	6046-93-1	9.4	23	140	mg/m^3
1913	Tantalum(V) ethoxide	6074-84-6	30	330	2,000	mg/m^3
1914	Lead acetate(II), trihydrate; (Bis(acetato)trihydroxytrilead)	6080-56-4	7.4	82	920	mg/m^3
1915	Phloroglucinol dihydrate	6099-90-7	3.4	37	220	mg/m^3
1916	Potassium citrate, monohydrate	6100-05-6	30	330	2,000	mg/m^3
1917	Sodium succinate, hexahydrate	6106-21-4	15	160	970	mg/m^3
1918	Sodium tartrate dihydrate	6106-24-7	3.9	43	260	mg/m^3
1919	Lithium acetate dihydrate	6108-17-4	5.1	56	330	mg/m^3
1920	Sodium acetate trihydrate; (Acetic acid, sodium salt trihydrate)	6131-90-4	11	120	690	mg/m^3
1921	Citric acid, trisodium salt, dihydrate	6132-04-3	9.3	100	610	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1922	Cobalt acetate tetrahydrate; (Cobaltous acetate tetrahydrate)	6147-53-1	2.1	23	140	mg/m^3
1923	Oxalic acid dihydrate	6153-56-6	1	12	74	mg/m^3
1924	Acetic acid, manganese(2+) salt, tetrahydrate	6156-78-1	13	22	740	mg/m^3
1925	Toluenesulphonic acid monohydrate, para-; (4-Methylbenzenesulphonic acid monohydrate)	6192-52-5	7.7	85	510	mg/m^3
1926	Phenylxylylethane; (PXE)	6196-95-8	30	330	2,000	mg/m^3
1927	Barium diphenylamine sulfonate	6211-24-1	6.9	850	5,100	mg/m^3
1928	Hypophosphorus acid; (Phosphonic acid)	6303-21-5	30	330	2,000	mg/m^3
1929	Carbazole violet	6358-30-1	60	660	4,000	mg/m^3
1930	Sodium potassium tartrate tetrahydrate	6381-59-5	3.2	36	210	mg/m^3
1931	Ethylenediaminetetraacetic acid, disodium salt, dihydrate	6381-92-6	30	330	2,000	mg/m^3
1932	Dinitro-p-toluidine, 2,6-; (4-Amino-3,5-dinitrotoluene)	6393-42-6	1	12	69	mg/m^3
1933	Dipentyl pentylphosphonate	6418-56-0	20	220	1,300	mg/m^3
1934	Nitrilotris(methylene)trisphosphonic acid; (Amino, tris[methylene phosphonic acid])	6419-19-8	10	10	420	mg/m^3
1935	**Propylene glycol dinitrate**	**6423-43-4**	**0.17**	**1.0**	**13**	ppm
1936	Ammonium nitrate	6484-52-2	6.7	73	440	mg/m^3
1937	Lanthanum carbonate	6487-39-4	30	330	2,000	mg/m^3
1938	Potassium oxalate monohydrate	6487-48-5	15	160	980	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1939	Thallium(I) carbonate (2:1)	6533-73-9	0.18	2	23	mg/m^3
1940	**BZ; (3-Quinuclidinyl benzilate)**	**6581-06-2**	0.0034	**0.037**	**0.69**	mg/m^3
1941	Chlorocyclohexanol, trans-2-	6628-80-4	2.7	30	180	mg/m^3
1942	Diazabicyclo(5.4.0)undec-7-ene, 1,8-	6674-22-2	1.2	13	79	mg/m^3
1943	Sodium silicate; (Sodium metasilicate)	6834-92-0	18	230	230	mg/m^3
1944	Dimethoxydiphenylsilane	6843-66-9	0.025	0.27	1.6	mg/m^3
1945	Amino-2-(hydroxymethyl)-1,3-propanediol, 2-, acetate salt; (Trizma acetate)	6850-28-8	18	190	1,200	mg/m^3
1946	Laromin C 260; (bis(4-Amino-3-methylcyclohexyl) methane; Dimethyldicyane)	6864-37-5	0.28	3.1	19	mg/m^3
1947	Barium stearate	6865-35-6	7.5	83	500	mg/m^3
1948	Dithioerythritol, 1,4-	6892-68-8	0.25	2.8	17	mg/m^3
1949	Benzylmagnesium chloride	6921-34-2	1.2	13	79	mg/m^3
1950	Dichloropropene, cis-1,2-; (1,2-Dichloro-1-propene, (Z)-)	6923-20-2	1.3	15	87	ppm
1951	Monocrotophos	6923-22-4	0.057	0.63	2.8	mg/m^3
1952	Chlorophenyl phenyl ether, 4-	7005-72-3	5	55	330	mg/m^3
1953	Chlorosoman; (o-Pinacolyl methylphosphonochloridate)	7040-57-5	0.011	0.12	0.75	ppm
1954	Diisopropylethylamine, N,N-	7087-68-5	0.33	3.7	22	ppm
1955	Phenyl-2-oxazoline, 2-	7127-19-7	30	330	2,000	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1956	Didecyldimethylammonium chloride	7173-51-5	0.3	3.3	17	mg/m^3
1957	Pyridine-d5	7291-22-7	3	600	3,600	ppm
1958	Nonoxynol-4	7311-27-5	30	330	2,000	mg/m^3
1959	Potassium pyrophosphate; (Tetrapotassium diphosphorate)	7320-34-5	22	250	1,900	mg/m^3
1960	Aluminum acetate, basic	7360-44-3	27	290	1,800	mg/m^3
1961	Hydroxyethyl)-1-piperazineethanesulfonic acid, 4-(2-	7365-45-9	0.69	7.6	46	mg/m^3
1962	Dihexyl((diethylcarbamoyl)methyl)phosphonate; (Dihexyl-N,N-diethylcarbamoylmethyl phosphonate)	7369-66-6	3	33	200	mg/m^3
1963	Diallyldimethylammonium chloride	7398-69-8	7.6	83	770	mg/m^3
1964	Aluminum	7429-90-5	3	33	200	mg/m^3
1965	Dysprosium	7429-91-6	30	330	2,000	mg/m^3
1966	Iridium	7439-88-5	4.7	51	310	mg/m^3
1967	Iron	7439-89-6	1	11	110	mg/m^3
1968	Krypton	7439-90-9	65,000	2.30E+05	4.00E+05	ppm
1969	Lanthanum	7439-91-0	30	330	2,000	mg/m^3
1970	Lead	7439-92-1	0.15	120	700	mg/m^3
1971	Lithium	7439-93-2	0.56	6.1	220	mg/m^3
1972	Lutetium	7439-94-3	1.2	13	79	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1973	Magnesium	7439-95-4	0.016	0.17	1	mg/m^3
1974	Manganese	7439-96-5	3	5	1,800	mg/m^3
1975	**Mercury vapor**	**7439-97-6**	0.15	**1.7**	**8.9**	mg/m^3
1976	Molybdenum	7439-98-7	10	10	17	mg/m^3
1977	Neodymium	7440-00-8	30	330	2,000	mg/m^3
1978	Neon	7440-01-9	65,000	2.30E+05	4.00E+05	ppm
1979	Nickel	7440-02-0	4.5	50	99	mg/m^3
1980	Niobium	7440-03-1	30	330	2,000	mg/m^3
1981	Osmium	7440-04-2	0.44	4.8	29	mg/m^3
1982	Palladium	7440-05-3	0.093	1	6.1	mg/m^3
1983	Platinum	7440-06-4	3	33	200	mg/m^3
1984	Potassium	7440-09-7	2.3	25	150	mg/m^3
1985	Praseodymium	7440-10-0	1.2	13	79	mg/m^3
1986	Rhodium	7440-16-6	3	33	200	mg/m^3
1987	Rubidium	7440-17-7	3.9	43	260	mg/m^3
1988	Ruthenium	7440-18-8	30	330	2,000	mg/m^3
1989	Samarium	7440-19-9	30	330	2,000	mg/m^3

Compounds with unknown CASRNs are issued a “z-number” for identification purposes.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
1990	Scandium	7440-20-2	30	330	2,000	mg/m^3
1991	Silicon	7440-21-3	45	100	630	mg/m^3
1992	Silver	7440-22-4	0.1	0.1	11	mg/m^3
1993	Sodium	7440-23-5	13	140	870	mg/m^3
1994	Strontium	7440-24-6	7.1	78	470	mg/m^3
1995	Tantalum	7440-25-7	10	11	64	mg/m^3
1996	Terbium	7440-27-9	1.2	13	79	mg/m^3
1997	Thallium	7440-28-0	0.06	1.2	1.9	mg/m^3
1998	Thorium	7440-29-1	30	330	2,000	mg/m^3
1999	Thulium	7440-30-4	30	330	2,000	mg/m^3
2000	Tin	7440-31-5	6	67	400	mg/m^3
2001	Titanium	7440-32-6	0.12	1.3	7.7	mg/m^3
2002	Tungsten	7440-33-7	10	10	2,000	mg/m^3
2003	Antimony	7440-36-0	0.5	0.5	80	mg/m^3
2004	Argon	7440-37-1	65,000	2.30E+05	4.00E+05	ppm
2005	Arsenic	7440-38-2	0.03	0.58	100	mg/m^3
2006	Barium	7440-39-3	1.5	4.5	1,100	mg/m^3

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2007	**Beryllium**	**7440-41-7**	0.0023	**0.025**	**0.1**	mg/m^3
2008	Boron	7440-42-8	7.9	87	130	mg/m^3
2009	**Cadmium**	**7440-43-9**	**0.1**	**0.76**	**4.7**	mg/m^3
2010	Carbon; (Graphite, synthetic)	7440-44-0	6	16	95	mg/m^3
2011	Cerium	7440-45-1	30	330	2,000	mg/m^3
2012	Cesium	7440-46-2	5.6	61	370	mg/m^3
2013	Chromium	7440-47-3	1.5	17	99	mg/m^3
2014	Cobalt	7440-48-4	0.18	2	20	mg/m^3
2015	Copper	7440-50-8	1	1	45	mg/m^3
2016	Europium	7440-53-1	30	330	2,000	mg/m^3
2017	Gadolinium	7440-54-2	51	560	3,300	mg/m^3
2018	Gallium	7440-55-3	30	330	2,000	mg/m^3
2019	Germanium	7440-56-4	0.58	6.4	150	mg/m^3
2020	Gold	7440-57-5	0.74	8.2	47	mg/m^3
2021	Hafnium	7440-58-6	1.5	17	99	mg/m^3
2022	Helium	7440-59-7	65,000	2.30E+05	4.00E+05	ppm
2023	Holmium	7440-60-0	6	66	400	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2024	Uranium	7440-61-1	0.6	0.6	30	mg/m^3
2025	Vanadium	7440-62-2	0.11	1.2	70	mg/m^3
2026	Xenon	7440-63-3	65,000	2.30E+05	4.00E+05	ppm
2027	Yttrium	7440-65-5	3	33	200	mg/m^3
2028	Zinc	7440-66-6	1.9	21	120	mg/m^3
2029	Zirconium	7440-67-7	10	10	500	mg/m^3
2030	Bismuth	7440-69-9	15	170	990	mg/m^3
2031	Calcium	7440-70-2	30	330	2,000	mg/m^3
2032	Indium	7440-74-6	0.1	0.1	0.45	mg/m^3
2033	Tellurium oxide; (Tellurium dioxide)	7446-07-3	0.38	0.89	16	mg/m^3
2034	Selenium dioxide	7446-08-4	0.84	2.3	2.3	mg/m^3
2035	**Sulfur dioxide**	**7446-09-5**	**0.20**	**0.75**	**30**	ppm
2036	**Sulfur trioxide**	**7446-11-9**	**0.20**	**8.7**	**160**	mg/m^3
2037	Lead sulfate; (Sulfuric acid, lead(2+) salt (1:1))	7446-14-2	0.22	170	1,000	mg/m^3
2038	Thallium(I) sulfate; (Sulfuric acid, dithallium(1+) salt)	7446-18-6	0.18	2	25	mg/m^3
2039	Zinc sulfate heptahydrate (1:1:7)	7446-20-0	18	120	120	mg/m^3
2040	Lead phosphate	7446-27-7	0.2	150	910	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2041	Zirconium sulfate tetrahydrate	7446-31-3	39	39	1,900	mg/m^3
2042	Selenium monosulfide	7446-34-6	0.84	1.2	7.5	mg/m^3
2043	Aluminum chloride	7446-70-0	9.9	9.9	360	mg/m^3
2044	Copper(II) chloride (1:2); (Cupric chloride)	7447-39-4	2.1	2.1	28	mg/m^3
2045	Potassium chloride	7447-40-7	1.1	12	22	mg/m^3
2046	Lithium chloride	7447-41-8	0.37	4.1	73	mg/m^3
2047	Magnesium sulfate (1:1)	7487-88-9	0.18	2	160	mg/m^3
2048	Mercury(II) chloride; (Mercury bichloride)	7487-94-7	2.7	30	38	mg/m^3
2049	Tin(II) sulfate; (Stannous sulfate)	7488-55-3	3.6	3.6	720	mg/m^3
2050	Selenium sulfide; (Selenium(IV) disulfide (1:2))	7488-56-4	1.1	4.6	27	mg/m^3
2051	**Butyltrichlorosilane**	**7521-80-4**	**0.60**	**7.3**	**33**	ppm
2052	Mercurous chloride; (Mercury monochloride)	7546-30-7	0.029	0.12	33	mg/m^3
2053	Lithium bromide	7550-35-8	1.4	15	360	mg/m^3
2054	**Titanium tetrachloride**	**7550-45-0**	**0.645**	**1.0**	**5.7**	ppm
2055	**Iodine**	**7553-56-2**	**0.1**	**0.5**	**5**	ppm
2056	Sodium phosphate, dibasic	7558-79-4	51	560	3,400	mg/m^3
2057	Sodium phosphate, monobasic	7558-80-7	25	270	1,600	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2058	Dichloroacetylene	7572-29-4	0.0091	0.1	13	ppm
2059	**Lithium hydride**	**7580-67-8**	**0.025**	**0.100**	**0.500**	mg/m^3
2060	Sodium phosphate, tribasic; (Trisodium phosphate)	7601-54-9	5	250	1,500	mg/m^3
2061	Sodium perchlorate	7601-89-0	6.3	69	420	mg/m^3
2062	Perchloric acid	7601-90-3	0.61	6.7	40	ppm
2063	**Perchloryl fluoride; (Chlorine oxyfluoride)**	**7616-94-6**	**1.5**	**4**	**12**	ppm
2064	Silica amorphous hydrated	7631-86-9	6	6	85	mg/m^3
2065	Sodium arsenate	7631-89-2	0.081	2.8	270	mg/m^3
2066	Sodium bisulfite	7631-90-5	15	17	400	mg/m^3
2067	Sodium dithionate dihydrate	7631-94-9	30	330	2,000	mg/m^3
2068	Molybdic acid, disodium salt; (Disodium molybdate)	7631-95-0	1.1	1.1	230	mg/m^3
2069	Dodecylsarcosine sodium salt, N-; (N-Lauryl sarcosine sodium salt)	7631-98-3	0.59	6.5	39	mg/m^3
2070	Sodium nitrate	7631-99-4	12	130	250	mg/m^3
2071	Sodium nitrite	7632-00-0	2.3	26	280	mg/m^3
2072	Perboric acid, sodium salt	7632-04-4	8	88	530	mg/m^3
2073	Sodium phosphate	7632-05-5	2.2	25	150	mg/m^3
2074	Ammonium citrate	7632-50-0	1.1	12	72	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2075	Vanadium tetrachloride	7632-51-1	0.48	5.3	32	mg/m^3
2076	Ceric ammonium sulfate	7637-03-8	30	330	2,000	mg/m^3
2077	**Boron trifluoride**	**7637-07-2**	**2.5**	**29**	**88**	mg/m^3
2078	Sodium hydride	7646-69-7	0.27	2.9	18	mg/m^3
2079	Stannic chloride; (Tin(IV) chloride; Tin(IV) tetrachloride)	7646-78-8	4.4	4.4	880	mg/m^3
2080	Cobalt chloride	7646-79-9	0.13	6.9	1,100	mg/m^3
2081	Zinc chloride	7646-85-7	2	34	4,800	mg/m^3
2082	Potassium bisulfate	7646-93-7	7	77	460	mg/m^3
2083	**Hydrogen chloride; (Hydrochloric acid)**	**7647-01-0**	**1.8**	**22**	**100**	ppm
2084	Palladium chloride	7647-10-1	8.1	89	540	mg/m^3
2085	Sodium chloride	7647-14-5	11	120	1,100	mg/m^3
2086	Sodium bromide	7647-15-6	0.3	3.3	690	mg/m^3
2087	Cesium chloride	7647-17-8	7.5	83	400	mg/m^3
2088	Antimony pentachloride	7647-18-9	3.7	33	200	mg/m^3
2089	Phosphorous pentafluoride	7647-19-0	1.9	22	130	ppm
2090	**Phosphoric acid**	**7664-38-2**	**3**	**30**	**150**	mg/m^3
2091	**Hydrogen fluoride; (Hydrofluoric acid)**	**7664-39-3**	**1.0**	**24**	**44**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2092	**Ammonia**	**7664-41-7**	**30**	**160**	**1,100**	ppm
2093	**Sulfuric acid**	**7664-93-9**	**0.20**	**8.7**	**160**	mg/m^3
2094	Potassium iodide	7681-11-0	0.18	1.9	140	mg/m^3
2095	Sodium bisulfate; (Sodium acid sulfate)	7681-38-1	0.82	9	54	mg/m^3
2096	Sodium fluoride	7681-49-4	5.5	5.5	1,100	mg/m^3
2097	Sodium hypochlorite	7681-52-9	2	20	630	mg/m^3
2098	Sodium hypophosphite	7681-53-0	5.2	57	340	mg/m^3
2099	Sodium iodate	7681-55-2	0.83	9.1	55	mg/m^3
2100	Sodium metabisulfite	7681-57-4	5	5	220	mg/m^3
2101	Sodium iodide	7681-82-5	0.55	6	860	mg/m^3
2102	Potassium hydride	7693-26-7	1.2	13	79	mg/m^3
2103	**Nitric acid**	**7697-37-2**	**0.53**	**24**	**92**	ppm
2104	Deuterochloric acid; (Deuterium chloride)	7698-05-7	1.8	22	100	ppm
2105	Silicic acid	7699-41-4	0.9	17	100	mg/m^3
2106	Zirconyl chloride; (Zirconium oxychloride)	7699-43-6	20	65	980	mg/m^3
2107	Zinc bromide	7699-45-8	1.5	17	99	mg/m^3
2108	Sulfur	7704-34-9	2.8	31	190	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2109	Titanium hydride	7704-98-5	0.019	0.2	1.2	mg/m^3
2110	Zirconium hydride	7704-99-6	10	10	510	mg/m^3
2111	Titanium chloride	7705-07-9	0.046	0.5	3	mg/m^3
2112	Ferric chloride	7705-08-0	8.7	10	63	mg/m^3
2113	Nickel chloride; (Nickelous chloride)	7718-54-9	0.22	0.22	21	mg/m^3
2114	**Thionyl chloride**	**7719-09-7**	**0.2**	**2.4**	**14**	ppm
2115	**Phosphorus trichloride**	**7719-12-2**	**0.34**	**2.0**	**5.6**	ppm
2116	Ferrous sulfate	7720-78-7	2.7	2.7	59	mg/m^3
2117	Potassium permanganate	7722-64-7	8.6	14	78	mg/m^3
2118	Ammonium dihydrogen phosphate; (Monoammonium phosphate)	7722-76-1	12	130	790	mg/m^3
2119	**Hydrogen peroxide**	**7722-84-1**	**10**	**50**	**100**	ppm
2120	Hydrogen peroxide - 30%	7722-84-1a	33	170	330	ppm
2121	Tetrasodium pyrophosphate	7722-88-5	15	130	790	mg/m^3
2122	Phosphorus (red)	7723-14-0	0.27	3	3	mg/m^3
2123	**Bromine**	**7726-95-6**	**0.033**	**0.24**	**8.5**	ppm
2124	Vanadium, trichlorooxo-	7727-18-6	0.059	0.65	3.9	ppm
2125	Potassium persulfate; (Dipotassium persulfate)	7727-21-1	0.3	26	160	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2126	Nitrogen	7727-37-9	7.96E+05	8.32E+05	8.69E+05	ppm
2127	Barium sulfate	7727-43-7	30	330	2,000	mg/m^3
2128	Ammonium persulfate	7727-54-0	0.3	15	90	mg/m^3
2129	Zinc sulfate	7733-02-0	0.13	1.4	340	mg/m^3
2130	Potassium nitrate	7757-79-1	0.074	0.82	600	mg/m^3
2131	Sodium sulfate, anhydrous	7757-82-6	11	130	650	mg/m^3
2132	Sodium sulfite	7757-83-7	0.69	7.6	46	mg/m^3
2133	Potassium bromate	7758-01-2	0.3	31	31	mg/m^3
2134	Potassium bromide	7758-02-3	9.2	100	610	mg/m^3
2135	Potassium iodate	7758-05-6	3.1	29	29	mg/m^3
2136	Potassium nitrite	7758-09-0	1.5	16	3,000	mg/m^3
2137	Potassium phosphate, dibasic	7758-11-4	30	330	2,000	mg/m^3
2138	Sodium pyrophosphate, di-	7758-16-9	4.3	48	290	mg/m^3
2139	Sodium chlorite	7758-19-2	0.15	1.6	33	mg/m^3
2140	Sodium tripolyphosphate	7758-29-4	0.22	2.5	620	mg/m^3
2141	Cerium fluoride	7758-88-5	26	280	1,700	mg/m^3
2142	Copper(I) chloride; (Cuprous chloride)	7758-89-6	4.6	4.6	28	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2143	Ferrous chloride	7758-94-3	2.3	2.3	89	mg/m^3
2144	Lead chloride	7758-95-4	0.2	2	940	mg/m^3
2145	Lead chromate	7758-97-6	0.31	3.2	97	mg/m^3
2146	Copper sulfate; (Copper(II) sulfate)	7758-98-7	2.5	2.5	55	mg/m^3
2147	Copper(II) sulfate pentahydrate	7758-99-8	12	60	1,200	mg/m^3
2148	Strontium sulfate	7759-02-6	30	330	2,000	mg/m^3
2149	Magnesium carbonate hydroxide	7760-50-1	30	330	2,000	mg/m^3
2150	Silver nitrate	7761-88-8	0.047	13	16	mg/m^3
2151	Sodium thiosulfate	7772-98-7	3	33	1,100	mg/m^3
2152	Stannous chloride; (Tin(II) chloride (1:2))	7772-99-8	3.2	3.2	640	mg/m^3
2153	Manganese(II) chloride (1:2); (Manganous chloride)	7773-01-5	6.9	11	50	mg/m^3
2154	Ammonium sulfamate	7773-06-0	30	35	5,000	mg/m^3
2155	Mercuric iodide; (Mercury(II) iodide)	7774-29-0	0.057	0.23	63	mg/m^3
2156	Calcium chloride hexahydrate	7774-34-7	5	55	330	mg/m^3
2157	Chloric acid, sodium salt; (Sodium chlorate)	7775-09-9	0.11	1.2	32	mg/m^3
2158	Sodium chromate(VI); (Disodium chromate)	7775-11-3	0.16	0.16	49	mg/m^3
2159	Sodium hydrosulfite	7775-14-6	30	330	2,000	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2160	Sodium metaborate	7775-19-1	6	77	460	mg/m^3
2161	Sodium persulfate	7775-27-1	0.3	8.2	49	mg/m^3
2162	Calcium sulfate anhydrous; (Drierite; Gypsum; Plaster of Paris)	7778-18-9	30	330	2,000	mg/m^3
2163	Arsenic acid; (o-Arsenic acid)	7778-39-4	0.057	0.54	190	mg/m^3
2164	Calcium arsenate	7778-44-1	0.91	10	270	mg/m^3
2165	Potassium dichromate	7778-50-9	0.14	1.5	44	mg/m^3
2166	Potassium phosphate, tribasic	7778-53-2	29	320	1,900	mg/m^3
2167	Calcium hypochlorite; (Calcium oxychloride)	7778-54-3	2.8	31	170	mg/m^3
2168	Potassium perchlorate	7778-74-7	23	250	1,500	mg/m^3
2169	Potassium phosphate, monobasic	7778-77-0	29	320	1,900	mg/m^3
2170	Potassium sulfate (2:1); (Dipotassium sulfate)	7778-80-5	20	220	1,300	mg/m^3
2171	Zinc nitrate	7779-88-6	0.72	8	48	mg/m^3
2172	Zinc phosphate (3:2)	7779-90-0	1.8	20	120	mg/m^3
2173	Deuterium	7782-39-0	65,000	2.30E+05	4.00E+05	ppm
2174	Diamond	7782-40-3	2.3	25	1,100	mg/m^3
2175	**Fluorine**	**7782-41-4**	**1.7**	**5.0**	**13**	ppm
2176	Graphite; (Mineral carbon)	7782-42-5	2	2	95	mg/m^3

Compounds with unknown CASRNs are issued a “z-number” for identification purposes.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2177	Selenium	7782-49-2	0.2	0.2	1.6	mg/m^3
2178	**Chlorine**	**7782-50-5**	**0.50**	**2.0**	**20**	ppm
2179	Ferric nitrate nonahydrate; (Iron(III) nitrate nonahydrate (1:3:9))	7782-61-8	22	110	640	mg/m^3
2180	Ferrous sulfate heptahydrate	7782-63-0	15	27	160	mg/m^3
2181	**Germane; (Germanium tetrahydride)**	**7782-65-2**	0.17	**0.17**	**0.50**	ppm
2182	Iodic acid	7782-68-5	1	1	10	mg/m^3
2183	Nitrous acid	7782-77-6	1.4	62	240	mg/m^3
2184	Nitrosylsulfuric acid	7782-78-7	1.2	13	79	mg/m^3
2185	Sodium phosphate, dibasic, heptahydrate	7782-85-6	39	430	2,600	mg/m^3
2186	Mercurous nitrate monohydrate	7782-86-7	0.035	0.14	39	mg/m^3
2187	Molybdic acid	7782-91-4	2.5	28	170	mg/m^3
2188	Sulfurous acid	7782-99-2	0.0099	0.11	0.66	mg/m^3
2189	Selenious acid	7783-00-8	23	250	250	mg/m^3
2190	Tungstic acid	7783-03-1	14	150	920	mg/m^3
2191	**Hydrogen sulfide**	**7783-06-4**	**0.51**	**27**	**50**	ppm
2192	**Hydrogen selenide**	**7783-07-5**	0.05	**0.33**	**1.1**	ppm
2193	Ammonium sulfite monohydrate	7783-11-1	30	330	2,000	mg/m^3

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2194	Ammonium thiosulfate; (Ammonium hyposulfite)	7783-18-8	1.3	15	88	mg/m^3
2195	Ammonium sulfate	7783-20-2	30	330	560	mg/m^3
2196	Ammonium phosphate dibasic; (Diammonium phosphate)	7783-28-0	30	330	2,000	mg/m^3
2197	Mercury(II) nitrate monohydrate	7783-34-8	0.043	0.17	48	mg/m^3
2198	Mercuric sulfate; (Mercury(II) sulfate)	7783-35-9	0.037	0.15	41	mg/m^3
2199	Magnesium fluoride	7783-40-6	12	140	820	mg/m^3
2200	**Oxygen difluoride; (Fluorine monoxide)**	**7783-41-7**	0.075	**0.83**	**2.5**	ppm
2201	Lead fluoride	7783-46-2	0.18	140	830	mg/m^3
2202	Zinc fluoride	7783-49-5	20	230	1,400	mg/m^3
2203	Ferric fluoride	7783-50-8	15	170	990	mg/m^3
2204	Gallium trifluoride	7783-51-9	17	180	1,100	mg/m^3
2205	**Nitrogen trifluoride**	**7783-54-2**	**200**	**530**	**860**	ppm
2206	Phosphorous trifluoride	7783-55-3	3.2	35	210	ppm
2207	Antimony trifluoride	7783-56-4	0.73	0.73	120	mg/m^3
2208	Germanium tetrafluoride	7783-58-6	15	160	980	mg/m^3
2209	Sulfur tetrafluoride	7783-60-0	0.19	2.1	2.1	ppm
2210	**Silicon tetrafluoride; (Tetrafluorosilane)**	**7783-61-1**	**0.050**	**3.3**	**10**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2211	Zirconium fluoride	7783-64-4	66	730	4,400	mg/m^3
2212	Antimony pentafluoride	7783-70-2	0.89	2.7	140	mg/m^3
2213	Tantalum(V) fluoride	7783-71-3	22	250	1,500	mg/m^3
2214	**Selenium hexafluoride**	**7783-79-1**	**0.053**	**0.087**	**0.26**	ppm
2215	**Tellurium hexafluoride**	**7783-80-4**	0.018	**0.018**	**0.053**	ppm
2216	**Uranium hexafluoride; (Uranium fluoride)**	**7783-81-5**	**3.6**	**9.6**	**36**	mg/m^3
2217	Tungsten hexafluoride	7783-82-6	4.9	4.9	64	mg/m^3
2218	Ferric ammonium sulfate dodecahydrate	7783-83-7	26	280	1,700	mg/m^3
2219	Ammonium ferrous sulfate hexahydrate	7783-85-9	9.6	110	640	mg/m^3
2220	Silver chloride	7783-90-6	0.04	370	2,200	mg/m^3
2221	Silver nitrite; (Silver(I) nitrite)	7783-99-5	0.043	0.46	2.8	mg/m^3
2222	Aluminum chloride hexahydrate	7784-13-6	18	18	660	mg/m^3
2223	Aluminum fluoride	7784-18-1	19	59	360	mg/m^3
2224	Ammonium aluminum fluoride; (Triammonium hexafluoroaluminate)	7784-19-2	13	140	860	mg/m^3
2225	Aluminum potassium sulfate, dodecahydrate	7784-24-9	35	35	69	mg/m^3
2226	Aluminum(III) nitrate nonahydrate (1:3:9)	7784-27-2	28	28	730	mg/m^3
2227	Aluminum phosphate; (Phosphoric acid, aluminum salt (1:1), solution)	7784-30-7	3	260	540	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2228	Arsenous trichloride	7784-34-1	0.91	10	240	mg/m^3
2229	Lead acid arsenate; (Dibasic lead arsenate)	7784-40-9	0.14	18	460	mg/m^3
2230	Potassium arsenate; (Monopotassium arsenate)	7784-41-0	0.072	40	240	mg/m^3
2231	**Arsine**	**7784-42-1**	0.015	**0.17**	**0.50**	ppm
2232	Sodium arsenite	7784-46-5	0.91	10	170	mg/m^3
2233	Sodium phosphate, tribasic; (Sodium trimetaphosphate)	7785-84-4	22	240	1,400	mg/m^3
2234	Manganous sulfate	7785-87-7	8.2	14	430	mg/m^3
2235	Magnesium chloride	7786-30-3	4.1	45	550	mg/m^3
2236	Mevinphos; (Phosdrin)	7786-34-7	0.3	4	36.6	mg/m^3
2237	Nickel sulfate; (Nickel(II) sulfate)	7786-81-4	0.26	0.26	13	mg/m^3
2238	Barium fluoride	7787-32-8	1.9	230	1,400	mg/m^3
2239	Barium permanganate	7787-36-2	20	34	35	mg/m^3
2240	Beryllium chloride	7787-47-5	0.02	0.22	0.28	mg/m^3
2241	Beryllium fluoride	7787-49-7	0.012	0.13	0.89	mg/m^3
2242	Bismuth oxychloride; (Bismuth chloride oxide)	7787-59-9	66	730	4,400	mg/m^3
2243	Bismuth iodide	7787-64-6	1.2	13	79	mg/m^3
2244	**Bromine trifluoride**	**7787-71-5**	**0.12**	**2.0**	**21**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2245	Chromium(III) fluoride	7788-97-8	3.1	14	83	mg/m^3
2246	Ammonium chromate	7788-98-9	0.015	0.15	46	mg/m^3
2247	Chromium(III) potassium sulfate (1:1:2), dodecahydrate	7788-99-0	7.4	7.4	44	mg/m^3
2248	Potassium chromate(VI)	7789-00-6	0.19	1.9	58	mg/m^3
2249	Ammonium dichromate	7789-09-5	0.12	0.13	38	mg/m^3
2250	Sodium dichromate dihydrate	7789-12-0	0.14	1.5	45	mg/m^3
2251	Cesium iodide	7789-17-5	7.2	79	470	mg/m^3
2252	Cesium nitrate	7789-18-6	7.2	79	470	mg/m^3
2253	Deuterium oxide; (Heavy water)	7789-20-0	0.74	8.2	49	ppm
2254	**Fluorosulfonic acid; (Fluorosulfuric acid)**	**7789-21-1**	**2**	**10**	**30**	mg/m^3
2255	Potassium fluoride	7789-23-3	7.6	7.6	1,500	mg/m^3
2256	Lithium fluoride	7789-24-4	10	110	680	mg/m^3
2257	Potassium acid fluoride	7789-29-9	15	170	1,000	mg/m^3
2258	**Bromine pentafluoride**	**7789-30-2**	0.1	**1.0**	**33**	ppm
2259	Sodium bromate	7789-38-0	0.46	5.1	30	mg/m^3
2260	Rubidium bromide	7789-39-1	30	330	2,000	mg/m^3
2261	Cadmium bromide	7789-42-6	0.073	20	120	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2262	Cobaltous bromide; (Cobalt(II) bromide)	7789-43-7	0.22	13	80	mg/m^3
2263	Calcium fluoride	7789-75-5	15	32	1,000	mg/m^3
2264	Calcium monohydrogen phosphate dihydrate	7789-77-7	30	330	2,000	mg/m^3
2265	Calcium hydride	7789-78-8	1.2	13	79	mg/m^3
2266	Potassium periodate	7790-21-8	0.63	6.9	41	mg/m^3
2267	Periodic acid, sodium salt	7790-28-5	0.19	2.1	13	mg/m^3
2268	Magnesium iodate tetrahydrate	7790-32-1	30	330	2,000	mg/m^3
2269	Potassium tellurite	7790-58-1	0.6	1.3	4.2	mg/m^3
2270	Potassium selenate	7790-59-2	0.56	0.56	3.5	mg/m^3
2271	Potassium tungstate (liquids)	7790-60-5a	5.3	58	350	mg/m^3
2272	Potassium tungstate (solids)	7790-60-5b	18	200	1,200	mg/m^3
2273	Potassium pyrosulfate; (Disulfuric acid, dipotassium salt)	7790-62-7	30	330	2,000	mg/m^3
2274	Lithium nitrate	7790-69-4	0.089	0.98	5.9	mg/m^3
2275	Cadmium chloride hemipentahydrate; (Cadmium chloride, 2.5-hydrate)	7790-78-5	0.061	1	100	mg/m^3
2276	Cadmium fluoride	7790-79-6	0.04	11	67	mg/m^3
2277	Cadmium nitrite	7790-83-2	0.055	15	91	mg/m^3
2278	Cadmium sulfate, hydrate	7790-84-3	0.061	17	100	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2279	Cadmium tungstate	7790-85-4	0.096	27	160	mg/m^3
2280	Cerium chloride	7790-86-5	0.16	1.8	420	mg/m^3
2281	**Chlorine trifluoride**	**7790-91-2**	**0.12**	**2.0**	**21**	ppm
2282	**Chlorosulfonic acid; (Chlorosulfuric acid)**	**7790-94-5**	**0.10**	**4.4**	**25**	mg/m^3
2283	Ammonium perchlorate	7790-98-9	1.7	18	830	mg/m^3
2284	Lithium perchlorate, anhydrous	7791-03-9	4.00E-04	0.0044	0.026	mg/m^3
2285	Sodium perchlorate monohydrate	7791-07-3	3.8	41	250	mg/m^3
2286	Rubidium chloride	7791-11-9	13	150	880	mg/m^3
2287	Thallium chloride; (Thallium(I) chloride)	7791-12-0	0.18	2	23	mg/m^3
2288	Cobalt(II) chloride hexahydrate	7791-13-1	0.24	0.98	150	mg/m^3
2289	Magnesium chloride hexahydrate	7791-18-6	12	130	1,600	mg/m^3
2290	Nickel(II) chloride hexahydrate	7791-20-0	1.2	11	21	mg/m^3
2291	Selenium oxychloride	7791-23-3	0.91	10	10	mg/m^3
2292	**Sulfuryl chloride**	**7791-25-5**	**0.3**	**3.7**	**11**	ppm
2293	Ethylene glycol mono-sec-butyl ether	7795-91-7	2.4	26	160	mg/m^3
2294	Hydroxylamine	7803-49-8	0.35	3.9	23	mg/m^3
2295	**Phosphine**	**7803-51-2**	1	**2.0**	**3.6**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2296	**Stibine; (Antimony hydride)**	**7803-52-3**	0.14	**1.5**	**9.6**	ppm
2297	Ammonium vanadate; (Ammonium vanadium oxide; Ammonium metavanadate)	7803-55-6	0.032	0.32	45	mg/m^3
2298	Hydrazine hydrate; (Hydrazine monohydrate; aqueous solutions - 10217-52-4)	7803-57-8	0.156	20	55	mg/m^3
2299	**Silane; (Silicon tetrahydride)**	**7803-62-5**	**100**	**130**	**270**	ppm
2300	Ammonium bisulfate; (Ammonium hydrogen sulfate)	7803-63-6	0.0022	0.024	0.14	mg/m^3
2301	Soybean oil; (Glycine soja)	8001-22-7	3.4	38	6,500	mg/m^3
2302	Linseed oil	8001-26-1	22	250	1,500	mg/m^3
2303	Corn oil	8001-30-7	280	3,000	18,000	mg/m^3
2304	Toxaphene; (Chlorinated camphene)	8001-35-2	1	20	200	mg/m^3
2305	Alkyl dimethylbenzyl ammonium chloride; (Benzalkonium chloride)	8001-54-5	4.7	48	48	mg/m^3
2306	Creosote (coal tar)	8001-58-9	0.6	18	700	mg/m^3
2307	Castor oil	8001-79-4	56	610	5,500	mg/m^3
2308	Petroleum distillates; (Petroleum crude oil)	8002-05-9	87.5	450	10,000	ppm
2309	Neatsfoot oil; (Fats and glyceridic oils)	8002-64-0	30	330	2,000	mg/m^3
2310	Paraffin, n-	8002-74-2	4.9	4.9	29	mg/m^3
2311	Chloropicrin/Methyl bromide mixture	8004-09-9	0.33	1	9.31	mg/m^3
2312	Soda lime	8006-28-8	6	10	25	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2313	Turpentine	8006-64-2	20	20	1,500	ppm
2314	Coal tar, aerosol	8007-45-2	2.4	26	160	mg/m^3
2315	Aqua regia (75% hydrochloric + 25% nitric acid)	8007-56-5	1.1	22	98	ppm
2316	**Kerosene; (Fuel Oil No 1)**	**8008-20-6**	**290**	**1,100**	1,100	mg/m^3
2317	Petrolatum	8009-03-8	2.5	28	11,000	mg/m^3
2318	Mineral oil; (Oil mist, mineral)	8012-95-1	10	10	2,400	mg/m^3
2319	Yeast extract	8013-01-2	27	300	1,800	mg/m^3
2320	**Oleum; (fuming Sulfuric acid)**	**8014-95-7**	**0.20**	**8.7**	**160**	mg/m^3
2321	Polyphosphoric acid	8017-16-1	3.6	40	240	mg/m^3
2322	Mancozeb; (Dithane M-45)	8018-01-7	3	20	990	mg/m^3
2323	Mineral oil, heavy or light; (Paraffin oil; Deobase, deodorized)	8020-83-5	15	190	8,900	mg/m^3
2324	Naphtha (coal tar); (Naphtha [petroleum] light aliphatic; Aliphatic naphtha)	8030-30-6	300	1,700	10,000	ppm
2325	Petroleum spirits; (VM & P Naphtha, Ligroine, Paint solvent)	8032-32-4	75	400	400	ppm
2326	Mineral oil, white	8042-47-5	15	82	490	mg/m^3
2327	Rosin core solder decomposition products; (Colophony Gum)	8050-09-7	0.3	4.9	4.9	mg/m^3
2328	Stoddard solvent; (Mineral spirits, 85% nonane and 15% trimethyl benzene)	8052-41-3	100	350	29,500	ppm
2329	Asphalt; (Bitumen)	8052-42-4a	0.5	5	30	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2330	Petroleum asphalt	8052-42-4b	0.5	5	30	mg/m^3
2331	Ammonium lignin sulfonate	8061-53-8	30	330	2,000	mg/m^3
2332	Lignosulfonate (aqueous)	8062-15-5	15	170	1,000	mg/m^3
2333	Demeton	8065-48-3	0.18	2	20	mg/m^3
2334	Cyclotol; (RDX-TNT mixture)	8065-53-0	3	15	60	mg/m^3
2335	Acacia; (Gum arabic)	9000-01-5	37	410	3,200	mg/m^3
2336	Carboxymethyl cellulose	9000-11-7	31	340	2,000	mg/m^3
2337	Gelatin; (Pharmagel A)	9000-70-8	0.81	8.9	54	mg/m^3
2338	Casein; (Casamino acids; Casein hydrolysate type 1)	9000-71-9	30	330	2,000	mg/m^3
2339	Pyruvate kinase	9001-59-6	0.9	9.9	76	mg/m^3
2340	Trypsin; (Parenzyme; Chymotrypsin inhibitor)	9002-07-7	2.4	26	160	mg/m^3
2341	Trypsinogen	9002-08-8	6	66	400	mg/m^3
2342	Agar	9002-18-0	110	1,200	2,200	mg/m^3
2343	Amberlite IR-120plus ion-exchange resin, sodium form; (Cation exchange resin)	9002-23-7	3	33	200	mg/m^3
2344	Amberlite IRA-400(Cl); (Amberlite IRA-400, ion-exchange resin)	9002-24-8	30	330	2,000	mg/m^3
2345	Chlorotrifluoroethene, homopolymer	9002-83-9	0.53	5.8	180	mg/m^3
2346	Polytetrafluoroethylene; (Teflon)	9002-84-0	0.3	3.3	20	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2347	Polyvinyl chloride	9002-86-2	3	33	200	mg/m^3
2348	Polyethylene	9002-88-4	10	110	1,000	mg/m^3
2349	Polyvinyl alcohol	9002-89-5	3.7	41	3,300	mg/m^3
2350	Brij-35; (alpha-Dodecyl-omega-hydroxypoly(oxyethylene))	9002-92-0	1	11	200	mg/m^3
2351	Triton X-100; (Poly(oxyethylene)-p-tert-octylphenyl ether)	9002-93-1	2.7	29	360	mg/m^3
2352	Aziridine homopolymer; (Ethylenimine homopolymer; Poly(ethyleneimine))	9002-98-6	4.1	45	270	mg/m^3
2353	Acrylic acid polymers; (Acrylic polymer or resin)	9003-01-4	7.5	83	500	mg/m^3
2354	Ammonium polyacrylate	9003-03-6	30	330	2,000	mg/m^3
2355	Polypropylene	9003-07-0	5.2	58	350	mg/m^3
2356	Polypropylene-polyethylene glycol; (Pluronic L-81)	9003-11-6	6.9	76	460	mg/m^3
2357	Butoxypolypropylene glycol	9003-13-8	27	300	1,800	mg/m^3
2358	Vinyl acetate-vinyl chloride copolymer; (Acetic acid, vinyl ester, polymer with chloroethylene)	9003-22-9	2.4	27	790	mg/m^3
2359	Poly(1-vinyl-2-pyrrolidinone) homopolymer; (Polyvinylpyrrolidone; Plasdone)	9003-39-8	19	200	20,000	mg/m^3
2360	Polybutyl acrylate	9003-49-0	30	330	2,000	mg/m^3
2361	Polystyrene resin; (Styrene polymer)	9003-53-6	0.21	2.3	790	mg/m^3
2362	Poly(divinylbenzene); (Diethenylbenzene homopolymer)	9003-69-4	6	66	400	mg/m^3
2363	Sodium carboxymethyl cellulose; (Dowex 11)	9004-32-4	7.1	78	5,300	mg/m^3

Compounds with unknown CASRNs are issued a “z-number” for identification purposes.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2364	Cellulose	9004-34-6	30	260	260	mg/m^3
2365	Cellulose acetate butanoate	9004-36-8	30	330	2,000	mg/m^3
2366	Dextran	9004-54-0	0.21	2.3	300	mg/m^3
2367	Ethyl cellulose	9004-57-3	15	170	990	mg/m^3
2368	Hydroxypropyl cellulose	9004-64-2	31	340	2,000	mg/m^3
2369	Methylcellulose	9004-67-5	6.8	74	450	mg/m^3
2370	Pyroxylin; (Cellulose tetranitrate)	9004-70-0	15	170	990	mg/m^3
2371	Poly(ethylene glycol methyl ether)	9004-74-4	66	730	4,400	mg/m^3
2372	Poly(oxyethylene)(2) stearyl ether	9005-00-9	5.7	63	380	mg/m^3
2373	Starch dust	9005-25-8	30	1,200	1,400	mg/m^3
2374	Polyoxyethylene (20) sorbitan monolaurate	9005-64-5	0.9	9.9	1,500	mg/m^3
2375	Sorbitan, monooleate polyoxyethylene; (Polyethylene sorbitan monooleate; Tween 80)	9005-65-6	41	450	2,700	mg/m^3
2376	Polyoxyethylene sorbitan monopalmitate; (Tween 40)	9005-66-7	9.5	100	630	mg/m^3
2377	Sorbitan monostearate polyoxyethylene; (Ethoxylated sorbitan monostearate)	9005-67-8	7.3	81	480	mg/m^3
2378	Polysorbate 85; (Tween 85)	9005-70-3	60	660	4,000	mg/m^3
2379	Thyodene; (Amylodextrin)	9005-84-9	30	330	2,000	mg/m^3
2380	Deoxyribonucleic acid; (DNA)	9007-49-2	10	110	670	mg/m^3

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2381	Myoglobins	9008-45-1	30	330	2,000	mg/m^3
2382	Polyurethane foam; (Urethane polymers)	9009-54-5	0.031	0.34	2	mg/m^3
2383	Polymethylmethacrylate; (Lucite)	9011-14-7	0.47	5.2	31	mg/m^3
2384	Hexafluoropropylene-vinylidene fluoride polymer; (Viton)	9011-17-0	30	330	2,000	mg/m^3
2385	Dextran sulfate sodium	9011-18-1	2.7	29	4,100	mg/m^3
2386	Agarose, type VII (low gelling temperature); (Sepharose)	9012-36-6	30	330	2,000	mg/m^3
2387	Cellulase	9012-54-8	30	330	2,000	mg/m^3
2388	Cellulose, 2-(diethylamino)ethyl ether	9013-34-7	30	330	2,000	mg/m^3
2389	Polydimethyl siloxane; (Dimethylpolysiloxane)	9016-00-6	0.74	8.2	790	mg/m^3
2390	Ethoxylated nonylphenol; (Nonyl phenyl polyethylene glycol ether)	9016-45-9	0.37	4.1	260	mg/m^3
2391	Polymethylene polyphenyl isocyanate; (Polymeric diphenylmethane diisocyanate)	9016-87-9	0.15	0.26	22	mg/m^3
2392	Ribonuclease T1	9026-12-4	30	330	2,000	mg/m^3
2393	Polyoxyethylene monooctylphenyl ether	9036-19-5	13	140	830	mg/m^3
2394	Amberlyst 15 ion-exchange resin	9037-24-5	30	330	2,000	mg/m^3
2395	Sephadex G-25	9041-35-4	30	330	2,000	mg/m^3
2396	Polyoxyalkyleneamine; (Poly(oxypropylene)diamine)	9046-10-0	0.73	8	48	mg/m^3
2397	Albumin (bovine)	9048-46-8	30	330	1.00E+05	mg/m^3

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2398	Cation exchange resin 50W-X12, 200 - 400 mesh	9056-03-5	30	330	2,000	mg/m^3
2399	Amberlite XAD-2 resin, purified	9060-05-3	30	330	2,000	mg/m^3
2400	Polypropylene glycol, (chloromethyl) oxirane polymer	9072-62-2	6	66	400	mg/m^3
2401	Alcohol oxidase	9073-63-6	30	330	2,000	mg/m^3
2402	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
2403	Dipotassium metasilicate	10006-28-7	15	125	500	mg/m^3
2404	Barium nitrate	10022-31-8	2.9	18	2,100	mg/m^3
2405	Cadmium nitrate tetrahydrate	10022-68-1	0.082	23	140	mg/m^3
2406	Sodium hypochlorite pentahydrate	10022-70-5	4.6	51	290	mg/m^3
2407	Neodymium(III) chloride	10024-93-8	0.9	9.9	59	mg/m^3
2408	Nitrous oxide	10024-97-2	910	10,000	20,000	ppm
2409	Perchloric acid, zinc salt, hexahydrate	10025-64-6	0.51	5.7	34	mg/m^3
2410	**Sulfur monochloride**	**10025-67-9**	**0.53**	**6.4**	**15**	ppm
2411	Tin(II) chloride dihydrate; (Stannous chloride dihydrate)	10025-69-1	3.8	3.8	760	mg/m^3
2412	Chromic chloride; (Chromium(III) chloride)	10025-73-7	4.6	25	87	mg/m^3
2413	Ferric chloride hexahydrate	10025-77-1	15	51	56	mg/m^3
2414	**Trichlorosilane**	**10025-78-2**	**0.60**	**7.3**	**33**	ppm

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2415	Indium trichloride	10025-82-8	0.58	0.94	0.94	mg/m^3
2416	Trichloramine; (Nitrogen chloride)	10025-85-1	0.022	0.25	3.9	ppm
2417	**Phosphorus oxychloride**	**10025-87-3**	0.48	0.48	**0.85**	ppm
2418	Antimony trichloride	10025-91-9	0.94	0.94	150	mg/m^3
2419	Yttrium chloride, hexahydrate	10025-94-2	10	34	34	mg/m^3
2420	**Tetrachlorosilane; (Silicon chloride)**	**10026-04-7**	**0.45**	**5.5**	**25**	ppm
2421	Tellurium chloride	10026-07-0	0.63	0.88	5.3	mg/m^3
2422	Zirconium chloride	10026-11-6	26	220	1,300	mg/m^3
2423	Niobium chloride	10026-12-7	4.2	46	280	mg/m^3
2424	Phosphorus pentachloride	10026-13-8	1.8	20	200	mg/m^3
2425	Cobalt nitrate hexahydrate; (Cobaltous nitrate hexahydrate)	10026-22-9	0.3	23	140	mg/m^3
2426	Cobalt sulfate heptahydrate; (Cobalt(II) sulfate(1:1), heptahydrate)	10026-24-1	0.29	2.3	120	mg/m^3
2427	Ozone	10028-15-6	0.091	1	10	ppm
2428	Ferric sulfate; (Iron(III) sulfate)	10028-22-5	6.1	6.1	36	mg/m^3
2429	Lead(II) arsenite	10031-13-7	0.084	47	280	mg/m^3
2430	Lead bromide	10031-22-8	0.27	200	1,200	mg/m^3
2431	Erbium nitrate pentahydrate	10031-51-3	30	330	2,000	mg/m^3

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2432	Thallium sulfate; (Sulfuric acid, dithallium(1+) salt)	10031-59-1	0.18	2	21	mg/m^3
2433	Anhydrone; (Magnesium perchlorate)	10034-81-8	4.9	54	320	mg/m^3
2434	Sodium chromate tetrahydrate	10034-82-9	0.29	0.3	91	mg/m^3
2435	**Hydriodic acid; (Hydrogen iodide)**	**10034-85-2**	**1.0**	**25**	**120**	ppm
2436	Sodium bisulfate monohydrate	10034-88-5	0.63	7	42	mg/m^3
2437	Hydrazine sulfate	10034-93-2	0.5	5.5	120	mg/m^3
2438	Manganese(II) sulfate monohydrate	10034-96-5	9.2	15	90	mg/m^3
2439	Magnesium sulfate heptahydrate	10034-99-8	3.6	40	5,200	mg/m^3
2440	Calcium chloride dihydrate	10035-04-8	7.4	81	490	mg/m^3
2441	Bismuth(III) nitrate, pentahydrate	10035-06-0	0.03	0.33	15	mg/m^3
2442	**Hydrobromic acid; (Hydrogen bromide)**	**10035-10-6**	**1.0**	**25**	**120**	ppm
2443	Tetrafluorohydrazine	10036-47-2	0.8	0.8	680	ppm
2444	Sodium phosphate, dibasic, dodecahydrate	10039-32-4	1.4	16	93	mg/m^3
2445	Hydroxylamine sulfate; (Oxammonium sulfate)	10039-54-0	2.8	31	190	mg/m^3
2446	Strontium nitrate	10042-76-9	0.2	2.2	370	mg/m^3
2447	Aluminum sulfate	10043-01-3	13	13	41	mg/m^3
2448	Boron nitride	10043-11-5	310	3,400	20,000	mg/m^3

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2449	Boric acid	10043-35-3	6	78	230	mg/m^3
2450	Calcium chloride	10043-52-4	3	33	200	mg/m^3
2451	Aluminum potassium sulfate	10043-67-1	19	19	59	mg/m^3
2452	Ferric phosphate	10045-86-0	8.1	89	530	mg/m^3
2453	Ferrous ammonium sulfate	10045-89-3	15	170	1,000	mg/m^3
2454	Mercury nitrate; (Mercury(II) nitrate (1:2))	10045-94-0	0.04	0.16	45	mg/m^3
2455	Neodymium nitrate	10045-95-1	6.2	68	410	mg/m^3
2456	Barium hydrogen phosphate; (Barium phosphate dibasic)	10048-98-3	2.5	320	1,900	mg/m^3
2457	**Chlorine dioxide**	**10049-04-4**	**0.15**	**1.1**	**2.4**	ppm
2458	Chromous chloride; (Chromium(II) chloride (1:2))	10049-05-5	3.5	62	370	mg/m^3
2459	Ruthenium trichloride	10049-08-8	2.2	24	140	mg/m^3
2460	Rhenium hexafluoride	10049-17-9	20	220	1,300	mg/m^3
2461	Sodium dihydrogen phosphate; (Sodium phosphate monobasic, monohydrate)	10049-21-5	25	270	1,600	mg/m^3
2462	Tellurous acid	10049-23-7	0.42	4.6	28	mg/m^3
2463	Potassium peroxymonosulfate; (Peroxymonosulfuric acid, monopotassium salt)	10058-23-8	30	330	2,000	mg/m^3
2464	Chromium(III) chloride, hexahydrate	10060-12-5	7.7	59	350	mg/m^3
2465	Silicon(II) oxide; (Silicon oxide)	10097-28-6	30	330	2,000	mg/m^3

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2466	Lanthanum chloride	10099-58-8	0.16	1.8	470	mg/m^3
2467	Lanthanum nitrate	10099-59-9	14	150	890	mg/m^3
2468	Lead nitrate	10099-74-8	0.24	180	1,100	mg/m^3
2469	Calcium metasilicate	10101-39-0	30	330	2,000	mg/m^3
2470	Calcium(II) sulfate dihydrate (1:1:2)	10101-41-4	10	10	21	mg/m^3
2471	Sodium permanganate	10101-50-5	7.8	13	78	mg/m^3
2472	Zirconium silicate; (Zirconium silicon oxide; Zircon)	10101-52-7	21	170	1,000	mg/m^3
2473	Chromic sulfate; (Chromium(III) sulfate (2:3))	10101-53-8	5.7	6.3	38	mg/m^3
2474	Lead iodide	10101-63-0	0.33	270	1,600	mg/m^3
2475	Sodium tellurate	10101-83-4	0.56	13	76	mg/m^3
2476	Sodium phosphate, tribasic, dodecahydrate	10101-89-0	22	240	1,500	mg/m^3
2477	Nickel sulfate hexahydrate; (Nickel(II) sulfate hexahydrate)	10101-97-0	1.3	2.2	54	mg/m^3
2478	Zinc nitrite	10102-02-0	0.075	0.6	60	mg/m^3
2479	Palladium nitrate	10102-05-3	30	330	2,000	mg/m^3
2480	Uranyl nitrate (solid); (Bis(nitrato-O,O')dioxouranium)	10102-06-4	0.99	5.5	33	mg/m^3
2481	Sodium thiosulfate pentahydrate	10102-17-7	0.85	9.4	1,200	mg/m^3
2482	Sodium selenite	10102-18-8	0.44	2.3	2.3	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2483	Sodium tellurite	10102-20-2	1.8	20	33	mg/m^3
2484	Sodium molybdate dihydrate; (Disodium molybdate dihydrate)	10102-40-6	2.9	2.9	210	mg/m^3
2485	**Nitric oxide**	**10102-43-9**	**0.50**	**12**	**20**	ppm
2486	**Nitrogen dioxide**	**10102-44-0**	**0.50**	**12**	**20**	ppm
2487	Thallium nitrate; (Thallium(I) nitrate)	10102-45-1	0.078	16	26	mg/m^3
2488	Calcium phosphate; (Tricalcium phosphate)	10103-46-5	20	35	350	mg/m^3
2489	Chromium nitrate	10103-47-6	14	160	930	mg/m^3
2490	Cadmium chloride	10108-64-2	0.049	0.36	82	mg/m^3
2491	Cerous nitrate; (Cerium(III) nitrate)	10108-73-3	9.5	100	620	mg/m^3
2492	Mercury(I) chloride; (Dimercury dichloride)	10112-91-1	0.029	0.12	33	mg/m^3
2493	Potassium sulfite	10117-38-1	17	180	1,100	mg/m^3
2494	Cadmium sulfate	10124-36-4	0.056	16	93	mg/m^3
2495	Calcium(II) nitrate	10124-37-5	0.91	10	60	mg/m^3
2496	Cobalt sulfate	10124-43-3	0.16	0.96	84	mg/m^3
2497	Potassium metaarsenite; (Potassium arsenite)	10124-50-2	1.3	14	530	mg/m^3
2498	Manganese phosphate	10124-54-6	6.5	11	66	mg/m^3
2499	Sodium phosphate, tribasic; (Sodium hexametaphosphate; Calgon)	10124-56-8	19	200	1,200	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2500	Copper(II) chloride dihydrate; (Cupric chloride)	10125-13-0	8	89	530	mg/m^3
2501	Sodium uranium oxide monohydrate; (Sodium uranate(VI) monohydrate)	10135-92-9	0.82	6.8	41	mg/m^3
2502	Europium nitrate; (Europium trinitrate)	10138-01-9	11	130	760	mg/m^3
2503	Ferric ammonium sulfate; (Sulfuric acid, ammonium iron(3e+) salt (2:1:1))	10138-04-2	14	160	950	mg/m^3
2504	Dichloroethanol acetate, 1,2-	10140-87-1	0.15	1.7	1.7	ppm
2505	Cobalt nitrate; (Cobalt(II) nitrate)	10141-05-6	0.19	14	86	mg/m^3
2506	Dysprosium nitrate	10143-38-1	7.2	79	470	mg/m^3
2507	Dimethoxybutane, 1,3-	10143-66-5	4.7	52	310	ppm
2508	Erbium(III) nitrate	10168-80-6	1.1	12	70	mg/m^3
2509	Gadolinium nitrate, solid	10168-81-7	11	130	750	mg/m^3
2510	Ammonium bisulfite; (Ammonium hydrogen sulfite)	10192-30-0	30	330	2,000	mg/m^3
2511	Ammonium sulfite	10196-04-0	30	330	2,000	mg/m^3
2512	Zinc nitrate hexahydrate	10196-18-6	3.6	39	240	mg/m^3
2513	Cobalt carbonyl	10210-68-1	0.27	0.27	7.3	mg/m^3
2514	Sodium tungstate dihydrate	10213-10-2	5.4	13	81	mg/m^3
2515	Sodium metasilicate pentahydrate	10213-79-3	45	45	170	mg/m^3
2516	Propylene glycol mono-n-butyl ether; (3-Butoxy-1-propanol)	10215-33-5	0.78	8.6	220	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2517	Molybdenum pentachloride	10241-05-1	4.3	150	880	mg/m^3
2518	Methamidophos	10265-92-6	0.68	7.5	7.5	mg/m^3
2519	Lanthanum(III) nitrate hexahydrate	10277-43-7	1.3	15	89	mg/m^3
2520	**Boron tribromide**	**10294-33-4**	**0.33**	**7.3**	**40**	ppm
2521	Boron trichloride	10294-34-5	0.19	2.1	2.1	ppm
2522	Barium chromate	10294-40-3	0.15	25	150	mg/m^3
2523	Cerium nitrate hexahydrate	10294-41-4	13	140	830	mg/m^3
2524	Phosphorous acid, o-; (Phosphonic acid)	10294-56-1	3	30	150	mg/m^3
2525	Dialifor	10311-84-9	0.45	5	5	mg/m^3
2526	Cadmium nitrate	10325-94-7	0.063	18	110	mg/m^3
2527	Barium chloride dihydrate	10326-27-9	2.7	330	2,000	mg/m^3
2528	Aluminum yellow 4A; (Acid yellow 99)	10343-58-5	30	330	2,000	mg/m^3
2529	Sodium metaphosphate	10361-03-2	2.7	30	180	mg/m^3
2530	Barium chloride	10361-37-2	2.3	280	1,700	mg/m^3
2531	Bismuth hydroxide	10361-43-0	1	3	100	mg/m^3
2532	Bismuth nitrate	10361-44-1	12	130	790	mg/m^3
2533	Praseodymium nitrate	10361-80-5	5.6	61	370	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2534	Samarium nitrate	10361-83-8	6.5	71	430	mg/m^3
2535	Lithium sulfate	10377-48-7	0.11	1.2	130	mg/m^3
2536	Lithium iodide	10377-51-2	30	330	2,000	mg/m^3
2537	Magnesium nitrate; (Magnesium(II) nitrate (1:2))	10377-60-3	30	330	2,000	mg/m^3
2538	Manganese(II) nitrate hexahydrate	10377-66-9	16	26	26	mg/m^3
2539	Ethylenediaminetetraacetic acid, tetrasodium salt, dihydrate	10378-23-1	6	66	400	mg/m^3
2540	Ceric ammonium sulfate, dihydrate	10378-47-9	30	330	2,000	mg/m^3
2541	Nickel(II) phosphate	10381-36-9	0.6	6.6	40	mg/m^3
2542	Mercurous nitrate; (Mercury(I) nitrate(1:1))	10415-75-5	0.033	0.13	37	mg/m^3
2543	Ferric nitrate	10421-48-4	13	110	640	mg/m^3
2544	Tetramethylammonium hydroxide pentahydrate	10424-65-4	0.053	0.58	1.3	mg/m^3
2545	Potassium selenite	10431-47-7	1.6	17	100	mg/m^3
2546	Ethyl-2-oxazoline, 2-	10431-98-8	0.067	0.73	4.4	ppm
2547	Periodic acid	10450-60-9	1.8	1.8	26	mg/m^3
2548	Strontium chloride	10476-85-4	1.4	15	360	mg/m^3
2549	Methacrolein diacetate; (Acetic acid, 2-methyl-2-propene-1,1-diol diester)	10476-95-6	4	44	44	mg/m^3
2550	Alpha,alpha,4-trimethyl-3-cyclohexene-1-methanol, (S)-; (alpha-Terpineol)	10482-56-1	22	240	1,000	mg/m^3

Compounds with unknown CASRNs are issued a “z-number” for identification purposes.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2551	Cresyl violet acetate	10510-54-0	30	330	2,000	mg/m^3
2552	**Nitrogen tetroxide**	**10544-72-6**	**0.94**	**23**	**38**	mg/m^3
2553	Nitrogen trioxide; (Dinitrogen trioxide)	10544-73-7	0.32	3.5	21	ppm
2554	Sodium dichromate; (Disodium dichromate)	10588-01-9	0.13	0.13	39	mg/m^3
2555	Monochloroamine; (Chloramide)	10599-90-3	0.0095	0.1	0.63	ppm
2556	Lithium aluminum oxide; (Lithium aluminate)	11089-89-7	37	400	2,400	mg/m^3
2557	Polychlorinated biphenyl (Aroclor 1260); (Chlorodiphenyl (60% Cl))	11096-82-5	0.15	1.6	260	mg/m^3
2558	Polychlorinated biphenyl (Aroclor 1254); (Chlorodiphenyl (54% Cl))	11097-69-1	1.5	25	200	mg/m^3
2559	Molybdic acid, ammonium salt; (Ammonium molibdate)	11098-84-3	3.5	82	2,700	mg/m^3
2560	Ethyl silicate polymer; (Silicic acid, ethyl ester)	11099-06-2	30	330	2,000	mg/m^3
2561	Polychlorinated biphenyl (Aroclor 1268); (Chlorodiphenyl (68% Cl))	11100-14-4	33	360	2,200	mg/m^3
2562	Polychlorinated biphenyl (Aroclor 1221); (Chlorodiphenyl (21% Cl))	11104-28-2	0.28	3.1	790	mg/m^3
2563	Phosphomolybdic acid	11104-88-4	2.5	27	160	mg/m^3
2564	Sodium antimonate; (Antimonic acid, sodium salt)	11112-10-0	3	27	160	mg/m^3
2565	Dowex 50WX4 (50-400 ion exchange resin)	11113-61-4	30	330	2,000	mg/m^3
2566	Cation exchange resin 200-400 mesh Hyd. Dowex 50W-X8	11119-67-8	30	330	2,000	mg/m^3
2567	Ammonium tungstate(VI)	11120-25-5	4.1	45	270	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2568	Tungstosilicic acid	11130-20-4	13	140	860	mg/m^3
2569	Yttrium oxide	11130-29-3	1.8	1.8	91	mg/m^3
2570	Sodium-Potassium	11135-81-2	0.5	5	50	mg/m^3
2571	Sodium aluminate anhydrous; (Aluminum sodium dioxide anhydrous)	11138-49-1	18	200	1,200	mg/m^3
2572	Polychlorinated biphenyl (Aroclor 1232); (Chlorodiphenyl (32% Cl))	11141-16-5	0.28	3.1	890	mg/m^3
2573	Mica; (mica silicates)	12001-26-2	9	99	590	mg/m^3
2574	Crocidolite	12001-28-4	0.05	0.35	250	mg/m^3
2575	Asbestos (Chrysotile)	12001-29-5	0.05	41	250	mg/m^3
2576	Paris Green; (Cupric acetoarsenite)	12002-03-8	2	22	22	mg/m^3
2577	Mercurol; (Mercury nucleate)	12002-19-6	0.025	0.1	28	mg/m^3
2578	Potassium aluminate	12003-63-3	6	66	400	mg/m^3
2579	Lithium aluminate	12003-67-7	37	400	2,400	mg/m^3
2580	Nickel aluminide	12003-78-0	0.81	8.9	53	mg/m^3
2581	Tungsten boride	12007-09-9	11	120	730	mg/m^3
2582	Lithium tetraborate	12007-60-2	23	260	1,500	mg/m^3
2583	Ammonium pentaborate	12007-89-5	30	330	2,000	mg/m^3
2584	Lanthanum boride	12008-21-8	30	330	2,000	mg/m^3

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2585	Iron carbide	12011-67-5	16	180	1,100	mg/m^3
2586	Dawsonite; (Crystalline dehydroxy sodium aluminum, carbonate)	12011-76-6	10	15	500	mg/m^3
2587	Molybdenum carbide	12011-97-1	11	11	51	mg/m^3
2588	Cerium(IV) hydroxide	12014-56-1	30	330	2,000	mg/m^3
2589	Gallium oxide	12024-21-4	16	180	1,100	mg/m^3
2590	Thallium hydroxide	12026-06-1	0.065	3.7	22	mg/m^3
2591	Tin hydroxide	12026-24-3	7.7	85	510	mg/m^3
2592	Molybdophosphoric acid	12026-57-2	2.4	26	160	mg/m^3
2593	Ammonium molybdophosphate	12026-66-3	2.4	27	160	mg/m^3
2594	Ammonium iodide	12027-06-4	8.3	91	550	mg/m^3
2595	Molybdic acid, hexaammonium salt; (Ammonium heptamolybdate)	12027-67-7	2.6	29	170	mg/m^3
2596	Potassium columbate; (Potassium niobate)	12030-85-2	9	99	590	mg/m^3
2597	Potassium zirconate; (Potassium zirconium oxide; Dipotassium zirconate)	12030-98-7	24	200	1,200	mg/m^3
2598	Lithium niobium oxide; (Lithium niobate)	12031-63-9	50	540	3,300	mg/m^3
2599	Lutetium oxide	12032-20-1	30	330	2,000	mg/m^3
2600	Silicon nitride	12033-89-5	30	330	2,000	mg/m^3
2601	Sodium titanate	12034-34-3	30	330	2,000	mg/m^3

Compounds with unknown CASRNs are issued a “z-number” for identification purposes.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2602	Ruthenium(IV) oxide	12036-10-1	0.05	0.55	1.3	mg/m^3
2603	Technetium(IV) oxide	12036-16-7	30	330	2,000	mg/m^3
2604	Tungsten(IV) oxide	12036-22-5	12	130	790	mg/m^3
2605	Praseodymium oxide	12036-32-7	6	66	400	mg/m^3
2606	Rhodium(III) oxide (solids)	12036-35-0	3.7	40	240	mg/m^3
2607	Terbium oxide	12036-41-8	30	330	2,000	mg/m^3
2608	Thulium oxide	12036-44-1	30	330	2,000	mg/m^3
2609	Terbium(III,IV) oxide	12037-01-3	30	330	2,000	mg/m^3
2610	Praseodymium(III,IV) oxide	12037-29-5	15	170	990	mg/m^3
2611	Zirconium phosphide	12037-80-8	17	140	840	mg/m^3
2612	Titanium boride	12045-63-5	19	210	1,300	mg/m^3
2613	Zirconium boride	12045-64-6	12	12	620	mg/m^3
2614	Nickel(II) hydroxide; (Nickelous hydroxide)	12054-48-7	0.071	8.8	53	mg/m^3
2615	Ammonium molybdate(VI) tetrahydrate	12054-85-2	2.8	11	66	mg/m^3
2616	Hafnium oxide	12055-23-1	1.8	19	120	mg/m^3
2617	Holmium trioxide	12055-62-8	30	330	2,000	mg/m^3
2618	Lithium oxide	12057-24-8	0.091	1	1.5	mg/m^3

Compounds with unknown CASRNs are issued a “z-number” for identification purposes.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2619	**Magnesium phosphide**	**12057-74-8**	0.091	**1.0**	**1.8**	ppm
2620	Manganese(VII) oxide	12057-92-0	6.1	10	60	mg/m^3
2621	Sodium stannate	12058-66-1	11	120	720	mg/m^3
2622	**Sodium phosphide**	**12058-85-4**	0.18	**2.0**	**3.6**	ppm
2623	Scandium oxide	12060-08-1	30	330	2,000	mg/m^3
2624	Samarium(III) oxide	12060-58-1	15	170	990	mg/m^3
2625	Erbium(III) oxide	12061-16-4	15	170	990	mg/m^3
2626	Gadolinium(III) oxide	12064-62-9	15	170	990	mg/m^3
2627	Ferrous disulfide; (Iron disulfide)	12068-85-8	6.4	69	420	mg/m^3
2628	Boron carbide	12069-32-8	0.61	6.7	40	mg/m^3
2629	Copper(II) carbonate hydroxide (2:1:2)	12069-69-1	5.2	45	270	mg/m^3
2630	Niobium(IV) carbide	12069-94-2	30	330	2,000	mg/m^3
2631	Tantalum carbide	12070-06-3	11	120	730	mg/m^3
2632	Titanium carbide	12070-08-5	30	330	2,000	mg/m^3
2633	Tungsten carbide	12070-12-1	11	120	730	mg/m^3
2634	Zirconium carbide	12070-14-3	13	110	630	mg/m^3
2635	Manganese tricarbonyl methylcyclopentadienyl	12108-13-3	0.6	0.6	3.4	mg/m^3

Compounds with unknown CASRNs are issued a “z-number” for identification purposes.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2636	Ammonium bromide	12124-97-9	8.1	89	530	mg/m^3
2637	Ammonium fluoride	12125-01-8	15	160	980	mg/m^3
2638	Ammonium chloride	12125-02-9	20	41	330	mg/m^3
2639	Nickel(III) hydroxide; (Nickelic hydroxide)	12125-56-3	0.37	0.37	0.54	mg/m^3
2640	Mercury hydroxide	12135-13-6	0.029	0.12	33	mg/m^3
2641	Palladium hydroxide	12135-22-7	0.3	2.5	75	mg/m^3
2642	Ammonium sulfide	12135-76-1	0.32	3.5	7.3	ppm
2643	Potassium oxide	12136-45-7	0.18	2	54	mg/m^3
2644	Molybdenum disilicide	12136-78-6	48	530	3,200	mg/m^3
2645	Titanium(II) oxide	12137-20-1	30	330	2,000	mg/m^3
2646	Rhodium oxide (liquids); (Rhodium(IV) oxide)	12137-27-8a	0.039	0.43	2.6	mg/m^3
2647	Rhodium oxide (solids); (Rhodium((IV) oxide)	12137-27-8b	3.9	43	260	mg/m^3
2648	Uranium telluride	12138-37-3	1.2	10	62	mg/m^3
2649	Uranium telluride A	12138-37-3a	1	8.5	51	mg/m^3
2650	Sodium polytungstate	12141-67-2	14	150	920	mg/m^3
2651	Potassium stannate	12142-33-5	7.5	12.5	125	mg/m^3
2652	Calcium phosphate tribasic	12167-74-7	30	330	2,000	mg/m^3

Compounds with unknown CASRNs are issued a “z-number” for identification purposes.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2653	Amosite	12172-73-5	0.05	0.83	5	mg/m^3
2654	Dysprosium nickelide	12175-27-8	30	330	2,000	mg/m^3
2655	Phosphorus (yellow); (White phosphorus)	12185-10-3	0.3	0.51	0.77	mg/m^3
2656	Sodium zirconate; (Disodium zirconium oxide)	12201-48-8	22	180	1,100	mg/m^3
2657	Potassium antimonate; (Potassium hexahydroxyantimonate)	12208-13-8	3.2	28	170	mg/m^3
2658	Aluminum grey LB; (Acid black 60)	12218-95-0	30	330	2,000	mg/m^3
2659	Barium hydroxide octahydrate	12230-71-6	3.4	420	2,500	mg/m^3
2660	Sodium bismuthate	12232-99-4	1.3	14	83	mg/m^3
2661	Bismuth germanate	12233-73-7	17	200	1,200	mg/m^3
2662	Sodium monoxide; (Sodium oxide)	12401-86-4	0.5	5	50	mg/m^3
2663	Vanadyl sulfate pentahydrate; (Vanadium(IV) sulfate oxide hydrate)	12439-96-2	0.15	1.7	350	mg/m^3
2664	**Strontium phosphide**	**12504-13-1**	0.091	**1.0**	**1.8**	ppm
2665	Potassium bismuthate	12589-75-2	4	25	200	mg/m^3
2666	Nickel carbonate hydroxide; (Basic nickel(II) carbonate)	12607-70-4	1	12	69	mg/m^3
2667	Chromium(VI) hydroxide	12626-43-6	0.089	15	89	mg/m^3
2668	Molybdate orange	12656-85-8	8.9	98	590	mg/m^3
2669	Polychlorinated biphenyl (Aroclor 1248); (Chlorodiphenyl (48% Cl))	12672-29-6	2.4	26	2,200	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2670	Silver hydroxide	12673-77-7	0.035	0.4	2.4	mg/m^3
2671	Polychlorinated biphenyl (Aroclor 1016); (Chlorodiphenyl (41% Cl))	12674-11-2	2	22	460	mg/m^3
2672	Hexacarbonylchromium; (Chromium hexacarbonyl)	13007-92-6	0.13	22	130	mg/m^3
2673	Nitromethane-d3; (Trideuteronitromethane)	13031-32-8	38	38	1,000	ppm
2674	Hexanediol diacrylate, 1,6-	13048-33-4	3	170	990	mg/m^3
2675	Terbufos	13071-79-9	0.091	1	1	mg/m^3
2676	Cerium(IV) nitrate	13093-17-9	30	330	2,000	mg/m^3
2677	Ammonium molybdate; (Diammonium molybdate)	13106-76-8	20	20	130	mg/m^3
2678	Rubidium nitrate	13126-12-0	14	150	920	mg/m^3
2679	Nickel(II) nitrate; (Nickelous nitrate)	13138-45-9	0.6	0.6	1.3	mg/m^3
2680	Vinylformamide, N-	13162-05-5	3.1	35	210	mg/m^3
2681	Phosphamidon; (Famfos)	13171-21-6	0.027	0.3	6	mg/m^3
2682	Ethyl S,S-dipropylphosphorodithioate, O-; (Mocap PC-84; Ethoprophos)	13194-48-4	2.4	26	26	mg/m^3
2683	Mercuric trifluoroacetate	13257-51-7	0.064	0.085	21	mg/m^3
2684	Bis(2-methylstyryl)benzene, 4-; (1,4-Bis(2-(2-methylphenyl)ethenyl)benzene)	13280-61-0	30	330	2,000	mg/m^3
2685	Cyclohexane-1,2-dinitrilotetraacetic acid, trans-; (CyDTA)	13291-61-7	30	330	2,000	mg/m^3
2686	Borane methyl sulfide complex; (Methyl sulfide complex with borane (1:1))	13292-87-0	0.047	0.52	3.1	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2687	Boron trifluoride dihydrate	13319-75-0	3.8	44	135	mg/m^3
2688	Beryllium hydroxide	13327-32-7	0.011	0.12	0.48	mg/m^3
2689	Cesium fluoride	13400-13-0	60	670	4,000	mg/m^3
2690	Sodium selenate; (Disodium selenate)	13410-01-0	0.48	1.6	1.6	mg/m^3
2691	Ammonium permanganate	13446-10-1	7.5	12	72	mg/m^3
2692	Magnesium(II) nitrate (1:2), hexahydrate	13446-18-9	16	180	1,100	mg/m^3
2693	Manganese(II) chloride tetrahydrate	13446-34-9	11	18	290	mg/m^3
2694	Potassium molybdate	13446-49-6	3.7	40	240	mg/m^3
2695	Gadolinium chloride hexahydrate	13450-84-5	7.4	22	22	mg/m^3
2696	Gallium trichloride	13450-90-3	2.9	32	32	mg/m^3
2697	Lead(II) perchlorate trihydrate	13453-62-8	0.33	270	1,600	mg/m^3
2698	Lithium metaborate, anhydrous	13453-69-5	28	300	1,800	mg/m^3
2699	Cesium nitrite	13454-83-6	0.2	1.5	60	mg/m^3
2700	Cerium(III) sulfate	13454-94-9	6	66	400	mg/m^3
2701	Potassium fluoride dihydrate	13455-21-5	37	420	2,500	mg/m^3
2702	Potassium bi-iodate	13455-24-8	1.8	20	120	mg/m^3
2703	Nickel(II) bromide	13462-88-9	1.1	12	73	mg/m^3

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2704	**Nickel carbonyl**	**13463-39-3**	0.036	**0.036**	**0.16**	ppm
2705	**Iron pentacarbonyl**	**13463-40-6**	0.06	**0.060**	**0.18**	ppm
2706	Titanium oxide; (Titanium dioxide)	13463-67-7	10	10	10	mg/m^3
2707	Potassium arsenite; (Arsenous acid, potassium salt)	13464-35-2	0.058	0.89	190	mg/m^3
2708	Tripotassium arsenate	13464-36-3	0.1	57	340	mg/m^3
2709	Trisodium arsenate	13464-38-5	0.083	47	280	mg/m^3
2710	Arsenous acid	13464-58-9	0.05	28	170	mg/m^3
2711	Indium sulfate	13464-82-9	0.23	0.23	0.89	mg/m^3
2712	Hydrazine nitrate; (Hydrazinium nitrate)	13464-97-6	0.3	39	100	mg/m^3
2713	Hydroxylamine nitrate	13465-08-2	15	40	150	mg/m^3
2714	Samarium(III) chloride hexahydrate	13465-55-9	9.2	100	610	mg/m^3
2715	Barium nitrite	13465-94-6	2.5	300	1,800	mg/m^3
2716	Barium phosphate	13466-20-1	150	1,700	10,000	mg/m^3
2717	Strontium nitrite; (Nitrous acid, strontium salt)	13470-06-9	0.1	0.75	75	mg/m^3
2718	Titanium(III) fluoride	13470-08-1	14	150	920	mg/m^3
2719	Tungsten(IV) chloride; (Tungsten tetrachloride)	13470-13-8	5.3	58	350	mg/m^3
2720	Uranyl hydroxide	13470-18-3a	0.77	4.3	26	mg/m^3

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2721	Uranyl hydroxide (liquids)	13470-18-3b	0.77	4.3	26	mg/m^3
2722	Sodium perrhenate; (Rhenium(VII) sodium oxide)	13472-33-8	13	140	860	mg/m^3
2723	Sodium pyrophosphate decahydrate	13472-36-1	4.3	48	290	mg/m^3
2724	Sodium tungstate	13472-45-2	3	3	240	mg/m^3
2725	Aluminum(III) nitrate (1:3)	13473-90-0	16	16	40	mg/m^3
2726	Erbium(III) nitrate hexahydrate	13476-05-6	1.4	15	91	mg/m^3
2727	Calcium(II) nitrate tetrahydrate (1:2:4)	13477-34-4	12	130	770	mg/m^3
2728	Nickel(II) nitrate hexahydrate	13478-00-7	1.5	53	320	mg/m^3
2729	Iron(II) chloride tetrahydrate	13478-10-9	3.6	3.6	20	mg/m^3
2730	Cobalt(II) perchlorate, hexahydrate	13478-33-6	0.37	5.8	35	mg/m^3
2731	Tellurium	13494-80-9	1.8	20	20	mg/m^3
2732	Hansa yellow	13515-40-7	30	330	2,000	mg/m^3
2733	Sodium chromate decahydrate	13517-17-4	0.33	0.34	100	mg/m^3
2734	Sodium metasilicate nonahydrate	13517-24-3	61	61	250	mg/m^3
2735	Iron(II) perchlorate hexahydrate	13520-69-9	19	210	1,200	mg/m^3
2736	Uranyl nitrate hexahydrate	13520-83-7	1.3	1.3	42	mg/m^3
2737	Zirconium chloride oxide octahydrate	13520-92-8	35	35	1,800	mg/m^3

Compounds with unknown CASRNs are issued a “z-number” for identification purposes.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2738	Aluminum tris(dihydrogen phosphate); (Phosphoric acid, aluminum salt (3:1))	13530-50-2	3	33	200	mg/m^3
2739	Pigment yellow 36; (Zinc chromate)	13530-65-9	0.17	0.18	54	mg/m^3
2740	Neodymium bromide	13536-80-6	5	10	160	mg/m^3
2741	Uranyl fluoride; (Uranium oxyfluoride)	13536-84-0	0.78	4.3	26	mg/m^3
2742	Thulium chloride	13537-18-3	7	77	460	mg/m^3
2743	Chromium perchlorate, hydrated	13537-21-8	10	110	670	mg/m^3
2744	Iron(III) perchlorate	13537-24-1	19	210	1,200	mg/m^3
2745	Chromium(III) nitrate	13548-38-4	6.9	110	640	mg/m^3
2746	Ammonia-d3	13550-49-7	30	160	1,100	ppm
2747	Lithium nitrite	13568-33-7	0.06	0.4	40	mg/m^3
2748	Lithium molybdate	13568-40-6	2.7	30	180	mg/m^3
2749	Lithium deuteride	13587-16-1	0.025	0.1	0.5	mg/m^3
2750	Cerium sulfate	13590-82-4	30	330	2,000	mg/m^3
2751	Beryllium nitrate	13597-99-4	0.047	0.52	2.1	mg/m^3
2752	Phosphonic acid	13598-36-2	0.42	4.6	380	mg/m^3
2753	Uranium hydride; (Uranium(III) hydride)	13598-56-6	0.61	5	30	mg/m^3
2754	Sodium cobaltinitrite	13600-98-1	0.041	0.45	2.7	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2755	Tetraamminepalladium(II) nitrate	13601-08-6	1.2	13	79	mg/m^3
2756	Sodium ferrocyanide	13601-19-9	58	58	580	mg/m^3
2757	Methylnitrosopiperidine, 3-; (Piperidine, 3-methyl-1-nitroso-)	13603-07-1	0.01	0.11	0.67	ppm
2758	Zinc perchlorate	13637-61-1	30	330	2,000	mg/m^3
2759	**Chlorine pentafluoride**	**13637-63-3**	**0.30**	**1.0**	**8.0**	ppm
2760	Nickel perchlorate	13637-71-3	3.7	40	240	mg/m^3
2761	Barium metaborate	13701-59-2	1.5	20	1,100	mg/m^3
2762	Vanadium(III) sulfate	13701-70-7	4.1	45	270	mg/m^3
2763	Lanthanum fluoride	13709-38-1	26	280	1,700	mg/m^3
2764	Neodymium fluoride	13709-42-7	26	300	1,800	mg/m^3
2765	Potassium metaborate	13709-94-9	35	250	500	mg/m^3
2766	Sodium metavanadate; (Sodium vanadate)	13718-26-8	0.059	0.65	170	mg/m^3
2767	Sodium orthovanadate	13721-39-6	0.54	5.9	250	mg/m^3
2768	Potassium ferricyanide	13746-66-2	18	54	320	mg/m^3
2769	Zirconium nitrate	13746-89-9	37	320	1,900	mg/m^3
2770	Sodium tetrafluoroborate(1-)	13755-29-8	11	120	720	mg/m^3
2771	Ytterbium fluoride	13760-80-0	10	10	2,000	mg/m^3

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2772	Potassium dideuterium phosphate	13761-79-0	29	320	1,900	mg/m^3
2773	Calcium chromate	13765-19-0	0.09	15	90	mg/m^3
2774	Nickel sulfamate; (Nickel(II) sulfamate)	13770-89-3	1.3	19	110	mg/m^3
2775	Sodium aluminum hydride	13770-96-2	1.2	13	80	mg/m^3
2776	Calcium nitrite	13780-06-8	0.075	0.6	50	mg/m^3
2777	Sulfuric acid-d2; (Deuterosulfuric acid)	13813-19-9	0.2	8.7	160	mg/m^3
2778	Lead fluoborate	13814-96-5	0.28	220	1,300	mg/m^3
2779	Tin fluoroborate	13814-97-6	15	170	990	mg/m^3
2780	Trimethoxysilyl)-1-propanamine, 3-(	13822-56-5	30	330	2,000	mg/m^3
2781	Thorium(IV) nitrate	13823-29-5	2.9	32	190	mg/m^3
2782	Sodium hypobromite	13824-96-9	30	330	2,000	mg/m^3
2783	Thorium hydroxide	13825-36-0	30	330	2,000	mg/m^3
2784	Thallium nitrite	13826-63-6	0.074	4.2	25	mg/m^3
2785	Lead nitrite	13826-65-8	0.22	170	1,000	mg/m^3
2786	Zirconyl nitrate; (Bis(nitrato-O)oxozirconium)	13826-66-9	25	220	1,300	mg/m^3
2787	Ammonium fluoborate	13826-83-0	3.4	3.4	690	mg/m^3
2788	Nitronium Tetrafluoroborate	13826-86-3	13	150	870	mg/m^3

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2789	Sodium sulfamate	13845-18-6	6	66	400	mg/m^3
2790	**Bromine chloride**	**13863-41-7**	**0.5**	**2.5**	**7.6**	ppm
2791	Chromates	13907-45-4	0.096	0.1	30	mg/m^3
2792	Molybdenum hexacarbonyl	13939-06-5	83	920	5,500	mg/m^3
2793	Nickel fluoride	13940-83-5	1.7	19	110	mg/m^3
2794	Potassium ferrocyanide; (Tetrapotassium hexacyanoferrate)	13943-58-3	12	12	120	mg/m^3
2795	Butylamine, sec-	13952-84-6	2	10	10	ppm
2796	Sodium deuteroxide	14014-06-3	0.5	5	50	mg/m^3
2797	Ferrous sulfamate	14017-39-1	8.4	92	550	mg/m^3
2798	Borane-tetrahydrofuran	14044-65-6	15	25	125	mg/m^3
2799	Potassium tetrafluoroborate(1-)	14075-53-7	12	140	830	mg/m^3
2800	Salcomine; (bis(Salicylaldehyde)ethylenediimine cobalt(II))	14167-18-1	3.5	39	39	mg/m^3
2801	Cobalt tetraphenylporphine	14172-90-8	30	330	2,000	mg/m^3
2802	Borate	14213-97-9	6	66	400	mg/m^3
2803	Potassium orthovanadate	14293-78-8	4.8	53	320	mg/m^3
2804	Pigment green 36	14302-13-7	12	130	790	mg/m^3
2805	Lithium chromate; (Lithium chromium oxide)	14307-35-8	0.12	0.13	39	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2806	Ammonium tartrate; (Butanedioic acid, 2,3-dihydroxy-(2R,3R)-, ammonium salt)	14307-43-8	30	330	2,000	mg/m^3
2807	Cinnamaldehyde, (E); (trans-Cinnamaldehyde)	14371-10-9	5.5	60	120	ppm
2808	Sodium nitroferricyanide	14402-89-2	0.3	3.3	20	mg/m^3
2809	Strontium phosphate; (Strontium orthophosphate)	14414-90-5	30	50	500	mg/m^3
2810	Glucose monohydrate, D(+)-; (Dextrose)	14431-43-7	77	850	5,100	mg/m^3
2811	Potassium hexacyanoferrate(II) trihydrate; (Potassium ferricyanide trihydrate)	14459-95-1	23	23	140	mg/m^3
2812	Cristobalite	14464-46-1	0.075	0.41	41	mg/m^3
2813	Zirconium hydroxide	14475-63-9	17	150	870	mg/m^3
2814	Lanthanum hydroxide	14507-19-8	0.75	2	2.5	mg/m^3
2815	Neodymium nitrate, pentahydrate	14517-29-4	30	330	2,000	mg/m^3
2816	Phenanthroline ferrous sulfate, 1,10-	14634-91-4	30	330	2,000	mg/m^3
2817	Ethyl-2-methylheptane, 3-	14676-29-0	200	500	1,000	ppm
2818	Nitrate(s)	14797-55-8	30	330	2,000	mg/m^3
2819	Talc	14807-96-6	2	2	2.6	mg/m^3
2820	Silica, crystalline-quartz; (Silicon dioxide)	14808-60-7	0.025	0.025	0.025	mg/m^3
2821	Lanthanum phosphate	14913-14-5	0.75	3	3	mg/m^3
2822	Cupric nitrite	14984-71-5	0.075	0.6	60	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2823	Zirconium oxynitrate hydrate	14985-18-3	27	230	1,400	mg/m^3
2824	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
2825	Nitrilotriacetic acid, disodium salt; (Disodium nitrilotriacetate)	15467-20-6	4.4	48	290	mg/m^3
2826	Disodium (2-ethylhexyl)phosphate	15505-13-2	0.06	0.4	2	mg/m^3
2827	Potassium tellurate	15571-91-2	0.63	6.9	42	mg/m^3
2828	Thallium(III) perchlorate hexahydrate	15596-83-5	0.18	10	60	mg/m^3
2829	Ammonium nickel sulfate	15699-18-0	1.5	13	79	mg/m^3
2830	Manganese(II) nitrate hydrate	15710-66-4	11	18	110	mg/m^3
2831	Triethylammonium bicarbonate buffer ph 8.5	15715-58-9	30	330	2,000	mg/m^3
2832	Cerium hydroxide	15785-09-8	0.75	2	75	mg/m^3
2833	Mercurous oxide; (Mercury(I) oxide)	15829-53-5	0.026	0.1	29	mg/m^3
2834	Dimethyloctane, 3,5-	15869-93-9	200	500	1,000	ppm
2835	Oxathiane, 1,4-	15980-15-1	2.3	26	150	ppm
2836	Thorium perchlorate	16045-17-3	43	460	2,800	mg/m^3
2837	Dicyclohexano-18-crown-6	16069-36-6	0.15	1.6	35	mg/m^3
2838	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
2839	**Ethylidene norbornene**	**16219-75-3**	**0.2**	**100**	**500**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2840	Bis(2-ethylhexyl) phenyl phosphate	16368-97-1	0.27	2.9	17	mg/m^3
2841	Monobutyl phosphite	16456-56-7	2.7	30	180	mg/m^3
2842	Neodymium hydroxide	16469-17-3	0.75	2	75	mg/m^3
2843	Gadolinium hydroxide	16469-18-4	0.75	2.5	75	mg/m^3
2844	Bromocyclohexanol, cis-2-	16536-57-5	0.125	0.75	40	ppm
2845	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
2846	Magnesium acetate tetrahydrate	16674-78-5	26	280	1,700	mg/m^3
2847	Sodium sulfhydrate; (Sodium hydrosulfide)	16721-80-5	0.088	0.96	5.8	mg/m^3
2848	Potassium pyrosulfite; (Potassium metabisulfite)	16731-55-8	3.7	41	250	mg/m^3
2849	Methomyl	16752-77-5	2.5	10	23	mg/m^3
2850	Ceric ammonium nitrate	16774-21-3	30	330	2,000	mg/m^3
2851	Vanadium sulfate	16785-81-2	0.74	8.2	620	mg/m^3
2852	Potassium phosphate dibasic trihydrate	16788-57-1	30	330	2,000	mg/m^3
2853	**Cobalt hydrocarbonyl**	**16842-03-8**	0.29	**0.9**	**3**	mg/m^3
2854	Lithium tetrahydroaluminate(1-); (Lithium aluminum hydride)	16853-85-3	2.8	2.8	9.2	mg/m^3
2855	Potassium hexafluorosilicate; (Silicate(2-), hexafluoro-, dipotassium)	16871-90-2	0.072	0.79	31	mg/m^3
2856	Fluoboric acid; (Tetrafluoroboric acid)	16872-11-0	8.7	97	580	mg/m^3

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2857	Tetramethyl ammonium, tetrahydroborate(1-)	16883-45-7	0.23	2.5	15	mg/m^3
2858	Chloride; (Chloride(1-); Chloride ions)	16887-00-6	1	2.52	30	ppm
2859	Disodium hexafluorosilicate (2-)	16893-85-9	4.1	4.1	820	mg/m^3
2860	Ammonium hexafluorosilicate; (Ammonium silicofluoride)	16919-19-0	12	130	780	mg/m^3
2861	Zirconium potassium fluoride; (Potassium fluorozirconate)	16923-95-8	110	1,300	7,500	mg/m^3
2862	Sodium borohydride	16940-66-2	0.0026	0.029	1.6	mg/m^3
2863	Dihydrogen hexachloroplatinate; (Chloroplatinic acid)	16941-12-1	0.013	3.2	19	mg/m^3
2864	Lithium borohydride; (Lithium tetrahydroborate)	16949-15-8	6	6	9.5	mg/m^3
2865	Silicofluoric acid; (Fluorosilicic acid)	16961-83-4	9.5	110	630	mg/m^3
2866	Fluorides (as F)	16984-48-8	2.5	2.5	500	mg/m^3
2867	Copper(II) perchlorate, dihydrate	17031-32-2	4.7	4.7	11	mg/m^3
2868	Aluminum hexafluorosilicate	17099-70-6	11	120	700	mg/m^3
2869	Iodine 125	17144-19-3	0.1	0.5	5	ppm
2870	Barium hydroxide	17194-00-2	1.9	230	1,400	mg/m^3
2871	Methylnonane, 4-	17301-94-9	0.37	4	24	ppm
2872	Dimethylnonane, 4,5-	17302-23-7	250	625	1,250	ppm
2873	Dimethyldecane, 2,2-	17302-37-3	50	259	1,600	ppm

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2874	**Butyl chloroformate, sec-**	**17462-58-7**	0.2	**2.2**	**6.7**	ppm
2875	Urea), N,N''-(4-methyl-1,3-phenylene)bis(N',N'-dimethyl-	17526-94-2	1.2	13	79	mg/m^3
2876	Iminodiacetic acid, disodium salt hydrate	17593-73-6	24	270	1,600	mg/m^3
2877	Decaborane	17702-41-9	0.75	10	100	mg/m^3
2878	Formparanate	17702-57-7	0.65	7.2	7.2	mg/m^3
2879	Tetraethylene glycol diacrylate	17831-71-9	2.1	2.1	160	mg/m^3
2880	Nickel(II) nitrite	17861-62-0	0.3	3.3	20	mg/m^3
2881	Sodium triethylborohydride	17979-81-6	6	13	79	mg/m^3
2882	Dimethyltetramethoxydisiloxane, 1,3-	18186-97-5	30	330	2,000	mg/m^3
2883	Tin(IV) oxide; (Stannic oxide)	18282-10-5	7.6	85	510	mg/m^3
2884	Strontium hydroxide	18480-07-4	0.75	2	75	mg/m^3
2885	Manganese nitrite	18488-90-9	8	13	78	mg/m^3
2886	Mercury nitrite; (Mercury(II) nitrite)	18541-72-5	0.036	0.15	41	mg/m^3
2887	Ferrous hydroxide; (Iron(II) hydroxide)	18624-44-7	6.5	71	430	mg/m^3
2888	Nitrilotriacetic acid, trisodium salt, monohydrate	18662-53-8	9.2	100	110	mg/m^3
2889	Manganous sulfide; (Manganese(II) sulfide)	18820-29-6	4.8	7.9	47	mg/m^3
2890	Molybdenum dioxide	18868-43-4	1.1	1.1	6.9	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2891	Ethylhexyl bromide, 2-	18908-66-2	30	330	2,000	mg/m^3
2892	Manganese hydroxide	18933-05-6	4.9	8.1	49	mg/m^3
2893	Sodium citrate; (Monosodium citrate)	18996-35-5	4	44	270	mg/m^3
2894	Cupric nitrate hemipentahydrate	19004-19-4	11	130	750	mg/m^3
2895	Phosphonic acid, dioctadecyl ester	19047-85-9	0.06	0.4	2	mg/m^3
2896	**Diborane**	**19287-45-7**	0.1	**1.0**	**3.7**	ppm
2897	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
2898	Naphthalenetrisulfonic acid sodium salt, 1,3,6-	19437-42-4	30	330	2,000	mg/m^3
2899	Dimethyl cyclopentanol, 1,3-	19550-46-0	30	330	2,000	mg/m^3
2900	Sodium strontium phosphate	19553-80-1	30	50	500	mg/m^3
2901	Lithium azide	19597-69-4	30	330	2,000	mg/m^3
2902	**Pentaborane**	**19624-22-7**	0.015	**0.14**	**0.70**	ppm
2903	Dodecen-1-yl)succinic anhydride, (2-; (DDSA)	19780-11-1	30	330	2,000	mg/m^3
2904	Lead hydroxide	19783-14-3	0.17	140	810	mg/m^3
2905	Hexanitrostilbene	20062-22-0	0.05	0.55	3.3	mg/m^3
2906	Propyl-1-butanamine, N-	20193-21-9	50	350	500	mg/m^3
2907	Cesium oxide	20281-00-9	6.4	70	420	mg/m^3

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2908	Tripropylene glycol monomethyl ether; (1-(2-(2-Methoxy-1-methylethoxy)-1-methylethoxy)-2-propanol)	20324-33-8	0.72	7.9	75	ppm
2909	Trimethyl-2,5,8,11-tetraoxatetradecan-13-ol, 4,7,10-	20324-34-9	30	330	2,000	mg/m^3
2910	Dianisidine dihydrochloride, o-; (3,3'-Dimethoxybenzidine dihydrochloride)	20325-40-0	0.021	0.23	4.2	mg/m^3
2911	Iron hydroxide oxide	20344-49-4	24	260	1,600	mg/m^3
2912	Zinc hydroxide	20427-58-1	0.6	1.5	60	mg/m^3
2913	Copper hydroxide; (Copper(II) hydroxide, Cupric hydroxide)	20427-59-2	4.6	18	110	mg/m^3
2914	Calcium sulfide	20548-54-3	15	170	990	mg/m^3
2915	Sodium diethyldithiocarbamate trihydrate	20624-25-3	6	50	300	mg/m^3
2916	Silver oxide	20667-12-3	0.3	93	560	mg/m^3
2917	Chromium(III) oxide hydroxide; (Chromium oxyhydroxide)	20770-05-2	2.5	27	160	mg/m^3
2918	**Potassium phosphide**	**20770-41-6**	0.18	**2.0**	**3.6**	ppm
2919	**Osmium tetroxide**	**20816-12-0**	6.00E-04	**0.0084**	**4.0**	ppm
2920	Methylphosphonothioic acid, S-(2-(dimethylamino)ethyl) O-ethyl ester	20820-80-8	7.40E-05	8.10E-04	0.0049	ppm
2921	Digoxin	20830-75-5	0.018	0.2	0.25	mg/m^3
2922	**Aluminum phosphide**	**20859-73-8**	0.42	**2.0**	**3.6**	ppm
2923	Cobalt hydroxide	21041-93-0	0.095	1.1	6.3	mg/m^3
2924	Cadmium hydroxide	21041-95-2	0.039	11	65	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2925	Fusariotoxin T2; (T2-Trichothecene)	21259-20-1	2.30E-04	0.0025	0.093	mg/m^3
2926	Ethylenediaminetetraacetic acid, ferric ammonium salt	21265-50-9	2	22	130	mg/m^3
2927	Cesium hydroxide	21351-79-1	2	2	110	mg/m^3
2928	Fosthietan	21548-32-3	0.43	4.7	4.7	mg/m^3
2929	Leptophos; (Fosvel)	21609-90-5	2.7	30	30	mg/m^3
2930	Aluminum hydroxide	21645-51-2	3	79	120	mg/m^3
2931	Rhodium(III) hydroxide (liquids)	21656-02-0a	0.045	0.5	3	mg/m^3
2932	Rhodium(III) hydroxide (solids)	21656-02-0b	4.5	50	300	mg/m^3
2933	Mercury(II) oxide; (Mercuric oxide)	21908-53-2	1.5	16	30	mg/m^3
2934	Chlorthiophos	21923-23-9	0.71	7.8	7.8	mg/m^3
2935	Europium(II) iodide	22015-35-6	30	330	2,000	mg/m^3
2936	Nicotine, dl-beta-; (DL-Nicotine)	22083-74-5	0.56	6.2	37	mg/m^3
2937	Copper(I) sulfide	22205-45-4	3.8	43	260	mg/m^3
2938	Fenamiphos	22224-92-6	0.082	0.9	4	mg/m^3
2939	Bismuth acetate	22306-37-2	30	330	2,000	mg/m^3
2940	Aminoacetaldehyde dimethyl acetal; (2,2-Dimethoxyethylamine)	22483-09-6	30	330	2,000	mg/m^3
2941	Trifluoro-1-(2-thienyl)-1,3-butanedione, 4,4,4-, boron difluoride	22502-27-8	0.33	3.6	22	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2942	Lithium triethylborohydride; (Super-hydride)	22560-16-3	1.2	13	79	mg/m^3
2943	Calcium chloride hydrate	22691-02-7	4.9	54	330	mg/m^3
2944	Sodium bis(2-methoxyethoxy) aluminum hydride	22722-98-1	45	500	3,000	mg/m^3
2945	Ethylbenzaldehyde, 2-	22927-13-5	6.7	73	440	ppm
2946	Methyl mercury	22967-92-6	0.032	0.043	11	mg/m^3
2947	Oxamyl	23135-22-0	0.15	1.7	4.7	mg/m^3
2948	Formetanate hydrochloride	23422-53-9	1.6	18	18	mg/m^3
2949	Pirimifos-ethyl	23505-41-1	2.3	25	28	mg/m^3
2950	Propanol, zirconium(4+) salt, 1-	23519-77-9	36	300	1,800	mg/m^3
2951	Triazofos; (Triazophos)	24017-47-8	0.25	2.8	12	mg/m^3
2952	Di-tert-butyl dicarbonate	24424-99-5	0.067	0.73	4.4	mg/m^3
2953	**Ethylhexylchloroformate, 2-**	**24468-13-1**	0.088	**0.97**	**2.9**	ppm
2954	Diisopropylaniline, 2,6-	24544-04-5	5.9	65	630	mg/m^3
2955	Tripropylene glycol; (((1-Methyl-1,2-ethanediyl)bis(oxy))bispropanol)	24800-44-0	1.1	13	76	ppm
2956	Chlormephos	24934-91-6	0.64	7	7	mg/m^3
2957	Ethylene/vinyl acetate copolmer	24937-78-8	30	330	2,000	mg/m^3
2958	Glycols, polyethylene, dimethyl ether	24991-55-7	13	150	3,100	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2959	Acrylamide, N,N'-methylenebisacrylamide copolymer	25034-58-6	30	330	2,000	mg/m^3
2960	Epoxy resin; (Bisphenol A-Bisphenol A diglycidyl ether polymer)	25036-25-3	6	66	400	mg/m^3
2961	Polyamide 6; (Capron; Poly(iminocarbonylpentamethylene))	25038-54-4	2.3	25	150	mg/m^3
2962	Vinyl acrylic resin; (Vinyl acetate, polymer with n-butyl acrylate)	25067-01-0	30	330	2,000	mg/m^3
2963	Epoxy resin (EPON 1001)	25068-38-6a	90	990	5,900	mg/m^3
2964	Epoxy resin (EPON 1007)	25068-38-6b	90	990	5,900	mg/m^3
2965	Epoxy resin (EPON 820)	25068-38-6c	41	450	2,700	mg/m^3
2966	Epoxy resin ERL-2795	25068-38-6d	32	350	2,100	mg/m^3
2967	Vinylpyrrolidone/vinyl acetate copolymer	25086-89-9	21	120	120	mg/m^3
2968	Styrene-allyl alcohol copolymer	25119-62-4	30	330	2,000	mg/m^3
2969	Nadic methyl anhydride	25134-21-8	0.44	4.8	29	mg/m^3
2970	Polysulfone resin	25135-51-7	30	330	2,000	mg/m^3
2971	Nonyl phenol (mixed isomers)	25154-52-3	0.89	9.8	110	mg/m^3
2972	Nitrophenol (mixed isomers)	25154-55-6	1.2	13	40	mg/m^3
2973	Sodium dodecylbenzenesulfonate; (Dodecyl benzene sodium sulfonate)	25155-30-0	0.75	8.3	87	mg/m^3
2974	Trimethyl-1,3-pentanediol monoisobutyrate, 2,2,4-; (Texanol)	25265-77-4	20	220	1,300	mg/m^3
2975	Bis(1-methylethyl)benzene; (Diisopropylbenzene)	25321-09-9	3.1	34	210	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2976	Dinitrotoluene	25321-14-6	0.6	1.1	200	mg/m^3
2977	Tetrachloroethane (mixed isomers)	25322-20-7	0.12	1.3	39	ppm
2978	Polyethylene glycol	25322-68-3	30	200	18,000	mg/m^3
2979	Polypropylene glycols	25322-69-4	30	80	480	mg/m^3
2980	**Diethyl benzene isomers; (Dowtherm J)**	**25340-17-4**	**10**	**100**	**500**	ppm
2981	Triethylbenzene (mixed isomers)	25340-18-5	4.7	51	310	ppm
2982	Dodecenylsuccinic anhydride	25377-73-5	0.72	7.9	47	mg/m^3
2983	Tripropylene glycol methyl ether	25498-49-1	9.6	110	630	mg/m^3
2984	Dinitrophenol	25550-58-7	0.0072	0.08	0.48	mg/m^3
2985	Poly(1-(2-oxo-1-pyrrolidinyl)ethylene)iodine complex; (Iodine solutions)	25655-41-8	6.8	74	140	mg/m^3
2986	Zirconium nitride	25658-42-8	12	97	580	mg/m^3
2987	Styrenesulfonate), poly(sodium 4-	25704-18-1	30	330	1,600	mg/m^3
2988	Polyethylene glycol dimethacrylate	25852-47-5	30	330	2,000	mg/m^3
2989	Epoxy resin; (Epichlorhydrin, polymer with diethylene glycol)	25928-94-3	3.6	40	240	mg/m^3
2990	Glycols, polyethylene, mono(p-nonylphenyl) ether; (Nonoxynol-9)	26027-38-3	9.9	110	300	mg/m^3
2991	Diallyldimethylammonium chloride polymer	26062-79-3	2.2	24	590	mg/m^3
2992	Polymaleic acid; (2-Butenedioic acid (2Z)-, homopolymer)	26099-09-2	30	330	2,000	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
2993	Lithium nitride	26134-62-3	30	330	2,000	mg/m^3
2994	Terphenyls; (Diphenylbenzene)	26140-60-3	0.45	5	1,400	mg/m^3
2995	Phyllomedusin	26145-48-2	30	330	2,000	mg/m^3
2996	Chloro-2-methyl-4-isothiazolin-3-one, 5-	26172-55-4	0.2	0.2	0.2	mg/m^3
2997	Sodium tridecylbenzene sulfonate	26248-24-8	4	44	270	mg/m^3
2998	Sorbitan trioleate	26266-58-0	3	33	200	mg/m^3
2999	Carbamic acid, methyl-, O-(((2,4-dimethyl-1,3-dithiolan-2-yl)methylene)amino)-	26419-73-8	0.091	1	1	mg/m^3
3000	Diphenyl cresol phosphate	26444-49-5	0.48	5.3	280	mg/m^3
3001	Methylenebis(isocyanato-benzene), 1,1'-; (Diphenyl methane diisocyanate)	26447-40-5	40	40	240	mg/m^3
3002	Toluene diisocyanate (mixed isomers)	26471-62-5	0.045	0.43	0.43	ppm
3003	Dimethyldicyclopentadiene	26472-00-4	2.2	24	140	mg/m^3
3004	Dodecenyl succine anhydride; (Tetrapropenylsuccinic anhydride)	26544-38-7	7.7	84	510	mg/m^3
3005	Poly(ethylene glycol)diacrylate	26570-48-9	1.2	13	79	mg/m^3
3006	Poly(acrylamide-co-diallyldimethylammonium chloride)	26590-05-6	30	330	2,000	mg/m^3
3007	Tetrahydromethyl-1,3-isobenzofurandione, 3A,4,7,7A-; (Methyltetrahydrophthalic anhydride)	26590-20-5	7.7	85	510	mg/m^3
3008	Sodium azide	26628-22-8	1.8	20	32	mg/m^3
3009	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

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3010	Dichloropropane	26638-19-7	0.96	11	42	ppm
3011	Forane	26675-46-7	24	270	610	ppm
3012	Neodecanoic acid	26896-20-8	6	66	400	mg/m^3
3013	**Trichloro(dichlorophenyl) silane; (Dichlorophenyltrichlorosilane)**	**27137-85-5**	**0.60**	**7.3**	**33**	ppm
3014	Dodecylbenzene sulfonic acid; (Laurylbenzenesulfonic acid)	27176-87-0	2	21	130	mg/m^3
3015	Dodecylphenol, 4- (mixture of isomers)	27193-86-8	1.5	16	420	mg/m^3
3016	Diisooctyl acid phosphate	27215-10-7	6	66	400	mg/m^3
3017	Neodecanoic acid, calcium salt; (Calcium neodecanoate)	27253-33-4	6	66	400	mg/m^3
3018	Stilbene 3; (Stilbene 420; Tinopal CBS; Disodium 4,4'-bis(2-sulfostyryl)biphenyl)	27344-41-8	0.087	0.96	160	mg/m^3
3019	Acetic acid ethenyl ester, polymer with 1,1-bis(ethenyloxy) butane and ethenol	27360-07-2	30	330	2,000	mg/m^3
3020	Diammonium dimolybdate; (Ammonium molybdenum oxide)	27546-07-2	2.6	29	170	mg/m^3
3021	Vanadyl sulfate; (Oxysulfatovanadium)	27774-13-6	3.3	37	220	mg/m^3
3022	Phenol, polymer with formaldehyde, oxiranylmethyl ether	28064-14-4	12	130	790	mg/m^3
3023	Hexamethylene diisocyanate polymer	28182-81-2	7.8	86	510	mg/m^3
3024	Trinitrochlorobenzene; (Picryl chloride)	28260-61-9	30	330	2,000	mg/m^3
3025	Aminoheptane, 3-; (3-Heptylamine)	28292-42-4	0.049	0.54	3.2	ppm
3026	Antimony potassium tartrate trihydrate	28300-74-5	1.7	1.7	220	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3027	Xylylene dichloride	28347-13-9	0.18	2	8.8	mg/m^3
3028	Diethyl (methylthiomethyl) phosphonate	28460-01-7	0.037	0.41	2.4	ppm
3029	Bromadiolone	28772-56-7	0.091	1	3.4	mg/m^3
3030	Dimethylpolysilane; (Poly(dimethylsilane))	28883-63-8	2.5	10	25	ppm
3031	Dihydro-3-(nonenyl)-2,5-furandione	28928-97-4	30	330	2,000	mg/m^3
3032	Butyl methyl-d3 ether, tert-	29366-08-3	50	570	5,300	ppm
3033	Methyl-1H-benzotriazole	29385-43-1	2	22	130	mg/m^3
3034	Potassium antimonate; (Antimony potassium oxide)	29638-69-5	3.2	28	170	mg/m^3
3035	Tris((hydroxymethyl)methylamino)propane-1-sulphonic acid, 3-	29915-38-6	30	330	2,000	mg/m^3
3036	Propoxypropanol, n-; (Propylene glycol monpropyl ether)	30136-13-1	0.93	10	61	ppm
3037	Paraformaldehyde	30525-89-4	0.74	8.2	47	mg/m^3
3038	Epoxy resin, cured; (4,4'-(1-Methylethylidene)biscyclohexanol, polymer with (chloromethyl)oxirane)	30583-72-3	30	330	2,000	mg/m^3
3039	**Isocyanatoethyl methacrylate, 2-**	**30674-80-7**	0.0091	**0.1**	**1**	ppm
3040	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
3041	Sodium p-tert-amylphenate; (4-(1,1-Dimethylpropyl)phenol, sodium salt)	31366-95-7	30	330	2,000	mg/m^3
3042	Glyceryl monostearate; (Octadecanoic acid, monoester with 1,2,3-propanetriol)	31566-31-1	0.66	7.2	43	mg/m^3
3043	Samarium(II) iodide solution	32248-43-4	6	66	400	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3044	Octadecyl methacrylate	32360-05-7	30	330	2,000	mg/m^3
3045	Cobalt nitrite	32486-57-0	0.15	1.7	10	mg/m^3
3046	Sodium hexahydroxoantimonate; (Sodium antimonate)	33908-66-6	2.4	22	130	mg/m^3
3047	Butanol-d10, n-	34193-38-9	20	50	8,000	ppm
3048	Dihydro-4-methyl furan, 2,3-	34314-83-5	1.1	13	76	mg/m^3
3049	Phenol red, sodium salt	34487-61-1	6	66	400	mg/m^3
3050	Dipropylene glycol methyl ether	34590-94-8	150	150	510	ppm
3051	Iron(III) sulfate heptahydrate	35139-28-7	15	27	160	mg/m^3
3052	Saxitoxin	35523-89-8	3.30E-05	3.60E-04	0.0022	mg/m^3
3053	Amino-4,6-dinitrotoluene, 2-	35572-78-2	4.2	46	280	mg/m^3
3054	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
3055	Camphorsulfonic acid, (1R)-(-)-10-	35963-20-3	0.82	9	54	mg/m^3
3056	Uranyl nitrate (yellow salt)	36478-76-9	0.99	0.99	33	mg/m^3
3057	Hexadecanol, 1-	36653-82-4	1.5	16	98	mg/m^3
3058	Vanadium(II) sulfate heptahydrate	36907-42-3	5.8	63	380	mg/m^3
3059	Oxone, monopersulfate compound	37222-66-5	30	330	2,000	mg/m^3
3060	Polyethylene glycol 20M	37225-26-6	270	3,000	18,000	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3061	Metaphosphoric acid	37267-86-0	30	330	2,000	mg/m^3
3062	Polychlorinated biphenyl (Aroclor 1262); (Chlorodiphenyl (62% Cl))	37324-23-5	34	370	2,200	mg/m^3
3063	Sodium nickel oxide (Liquid)	37367-09-2	0.7	7.6	46	mg/m^3
3064	Amberlite XAD-7HP	37380-43-1	30	330	2,000	mg/m^3
3065	Ammonium hydrogen oxalate hemihydrate	37541-72-3	6	66	400	mg/m^3
3066	Disodium ethylenediaminediacetate (S and U isomers)	38011-25-5	12.5	75	400	mg/m^3
3067	Diisopropylnaphthalene; (Bis(isopropyl)naphthalene)	38640-62-9	5.6	61	370	mg/m^3
3068	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
3069	Butyl-2-methylcyclopropane, T-1-	38851-70-6	30	330	2,000	mg/m^3
3070	Octachlorodibenzofuran, 1,2,3,4,6,7,8,9-	39001-02-0	0.075	0.83	5	mg/m^3
3071	Thiofanox; (Dacamox)	39196-18-4	0.77	8.5	8.5	mg/m^3
3072	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
3073	Antimony hydroxide	39349-74-1	2.1	18	110	mg/m^3
3074	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
3075	Magnesium carbonate-magnesium hydroxide, pentahydrate	39409-82-0	45	500	3,000	mg/m^3
3076	Titanium aluminide	39410-63-4	3	33	200	mg/m^3
3077	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

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Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3078	Nickel carbonate hydroxide; (Basic nickel carbonate tetrahydrate)	39430-27-8	1.3	28	170	mg/m^3
3079	Chromium(III) acetate hydroxide	39430-51-8	7.2	79	480	mg/m^3
3080	Pentachlorodibenzo-p-dioxin, 1,2,3,7,8-	40321-76-4	1.00E-04	0.0011	0.041	mg/m^3
3081	**Lewisite 2; (Bis(2-chlorovinyl)chloroarsine)**	**40334-69-8**	0.12	**0.12**	**0.74**	mg/m^3
3082	**Lewisite 3; (Tris(2-chlorovinyl)arsine)**	**40334-70-1**	0.12	**0.12**	**0.74**	mg/m^3
3083	Dimethyl(1-phenylethyl)benzene	40766-31-2	0.74	8.2	410	mg/m^3
3084	Tin nitrate	41480-79-9	12	140	820	mg/m^3
3085	Nabumetone; (Relafen; 4-(6-Methoxy-2-naphthyl)-2-butanone)	42924-53-8	0.57	6.3	770	mg/m^3
3086	Trimethylolpropane ethoxylate	50586-59-9	30	330	2,000	mg/m^3
3087	**Ethyl-S-dimethylaminoethyl methylphosphonothiolate; (VX nerve agent)**	**50782-69-9**	**1.60E-05**	**2.70E-04**	**9.10E-04**	ppm
3088	Potassium nickel oxide (liquids); (Nickel potassium oxide)	50811-97-7	0.86	9.6	57	mg/m^3
3089	Bacto peptone	51142-18-8	30	330	2,000	mg/m^3
3090	Tetrachlorodibenzofuran, 2,3,7,8-	51207-31-9	7.40E-05	8.20E-04	0.2	mg/m^3
3091	Molybdophosphoric acid hydrate; (Phosphomolybdic acid hydrate)	51429-74-4	2.4	27	160	mg/m^3
3092	Giemsa's stain; (Blood stain)	51811-82-6	30	330	2,000	mg/m^3
3093	Ethyl-5-methylheptane, 3-	52896-90-9	200	500	1,000	ppm
3094	Tetramethylammonium silicate	53116-81-7	30	330	2,000	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3095	Potassium strontium phosphate	53201-92-6	30	50	500	mg/m^3
3096	Polychlorinated biphenyl (Aroclor 1242); (Chlorodiphenyl (42% Cl))	53469-21-9	3	410	840	mg/m^3
3097	Tetrachlorodibenzo-p-dioxin, 1,2,3,8-	53555-02-5	0.003	0.033	0.2	mg/m^3
3098	Pyriminil; (Pyriminyl)	53558-25-1	0.56	6.2	24	mg/m^3
3099	Trimethyloctane, 2,6,6-	54166-32-4	55	280	1,700	ppm
3100	Tetramethylbenzidine, 3,3',5,5'-	54827-17-7	0.44	4.9	29	mg/m^3
3101	Calcium trifluoromethanesulfonate	55120-75-7	22	250	1,500	mg/m^3
3102	Butyl-3-iodo-2-propynylcarbamate	55406-53-6	3.3	36	220	mg/m^3
3103	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
3104	Trimethyl-2-hexene, 4,4,5-	55702-61-9	30	330	2,000	mg/m^3
3105	Pentachlorodibenzofuran, 2,3,4,7,8-	57117-31-4	7.40E-05	8.20E-04	0.18	mg/m^3
3106	Pentachlorodibenzofuran, 1,2,3,7,8-	57117-41-6	2.40E-04	0.0027	0.016	mg/m^3
3107	Hexachlorodibenzofuran, 1,2,3,6,7,8-	57117-44-9	3.70E-05	4.10E-04	0.0025	mg/m^3
3108	Hypophosphorous acid-d3; (Hydrophosphorus acid-d3 solution, 50 wt.% in D2O)	57583-56-9	30	330	2,000	mg/m^3
3109	Hexachlorodibenzo-p-dioxin, 1,2,3,6,7,8-	57653-85-7	7.50E-04	0.0083	0.05	mg/m^3
3110	Ethyl O-2-diisopropylaminoethylmethylphosphonite, O-; (QL)	57856-11-8	30	330	2,000	mg/m^3
3111	Dichloro(4,4-dimethylzinc -5((((methylamino)carbonyl)oxy)imino)pentanenitrile), (trans-4)-; (Ethienocarb)	58270-08-9	0.82	9	9	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3112	Hexamethylenetetraamine hydrochloride	58713-21-6	30	330	2,000	mg/m^3
3113	Methyl acetylene-propadiene mixture; (MAPP)	59355-75-8	1,250	2,500	15,000	ppm
3114	Perfluoroalkylether polymer; (Capped homopolymers of hexafluoropropylene epoxide, Fluorine End-)	60164-51-4	60	660	4,000	mg/m^3
3115	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
3116	Cobalt(II) sulfate hydrate	60459-08-7	0.18	1.9	12	mg/m^3
3117	Dibutylboron triflate; (Dibutylboryl trifluoromethanesulfonate)	60669-69-4	36	400	2,400	mg/m^3
3118	Monosodium titanate	60704-88-3	30	330	2,000	mg/m^3
3119	Hexachlorodibenzofuran, 2,3,4,6,7,8-	60851-34-5	4.90E-04	0.0054	0.032	mg/m^3
3120	Antioxidant G-16 (most toxic antioxident)	61373-87-3	0.98	11	65	mg/m^3
3121	Hydrogenated terphenyl	61788-32-7	1.5	47	280	ppm
3122	Estane; (Polyurethane resin; Urethane rubber)	61789-63-7	30	330	2,000	mg/m^3
3123	Sulfonic acids, petroleum; (Petrolatum acid sulfonate)	61789-85-3	30	330	2,000	mg/m^3
3124	Mastic (resin)	61789-92-2	0.82	9	2,000	mg/m^3
3125	Naphthenic acid, lead salt	61790-14-5	15	170	1,000	mg/m^3
3126	Diatomaceous earth; (Silica-amorphous diatomaceous earth (uncalcined))	61790-53-2	18	200	1,200	mg/m^3
3127	Dv methyl ester; (Methyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate)	61898-95-1	30	330	2,000	mg/m^3
3128	Sepharose cl-4b	61970-08-9	30	330	2,000	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3129	Ethyl-2-methyloctane, 6-	62016-19-7	200	500	1,000	ppm
3130	Trimethyloctane, 2,2,6-	62016-28-8	55	280	1,700	ppm
3131	Trimethyloctane, 2,3,7-	62016-34-6	55	280	1,700	ppm
3132	Trimethyloctane, 2,4,6-	62016-37-9	55	280	1,700	ppm
3133	Tripotassium (2-hydroxyethyl)ethylenediaminetriacetate; (Tripotassium HEDTA)	62029-50-9	1	7.5	40	ppm
3134	Trimethyldecane, 2,5,6-	62108-23-0	47	240	1,400	ppm
3135	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
3136	Trimethyldecane, 2,2,8-	62238-01-1	47	240	1,400	ppm
3137	Trimethyldecane, 2,2,3-	62338-09-4	47	240	1,400	ppm
3138	DEAE Sepharose CL-6B	62610-50-8	30	330	2,000	mg/m^3
3139	Polymethylhydrosiloxane; (Methyl hydrogen polysiloxane)	63148-57-2	30	330	2,000	mg/m^3
3140	Dimethyl siloxane; (Dimethylpolysiloxane; Syltherm XLT; Syltherm 800; Silicone 360)	63148-62-9	1.5	16	990	mg/m^3
3141	Alkylamines	63231-48-1	30	330	2,000	mg/m^3
3142	Silica gel	63231-67-4	18	200	1,200	mg/m^3
3143	Molecular sieve 13X	63231-69-6	6	66	400	mg/m^3
3144	Aliquat 336; (Adogen 464; Quaternary ammonium compounds, tri(C8-10)-alkylmethyl-, chlorides)	63393-96-4	2	22	130	mg/m^3
3145	Siloprene k 1000	63394-02-5	3.3	37	990	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3146	Bis(2-chloroethylthio)methane	63869-13-6	0.025	0.28	1.7	mg/m^3
3147	Bis(2-chloroethylthio)-n-propane, 1,3-	63905-10-2	0.03	0.33	2	mg/m^3
3148	Bis(2-chlorethylthioethyl) ether; (2,2'-Di(3-chloroethylthio)diethyl ether)	63918-89-8	0.15	1.6	9.8	mg/m^3
3149	Bis(2-chloroethylthiomethyl)ether	63918-90-1	0.028	0.3	1.8	mg/m^3
3150	Trimethyl-2-oxepanone (mixed isomers); (Hexanoic acid, 6-hydroxytrimethyl, epsilon-lactone)	64047-30-9	22	250	1,500	mg/m^3
3151	Trisodium arsenate, heptahydrate; (Arsenic(V) acid, trisodium salt, heptahydrate (1:3:7))	64070-83-3	0.13	75	450	mg/m^3
3152	Disodium butylphosphate	64114-42-7	0.06	0.4	2	mg/m^3
3153	Charcoal, activated	64365-11-3	30	330	2,000	mg/m^3
3154	Bis(tris(hydroxymethyl)methylamino)propane, 1,3-; (Bis-tris propane)	64431-96-5	30	330	2,000	mg/m^3
3155	Petroleum spirits; (Mineral spirits; Soltrol)	64475-85-0	3.6	40	240	ppm
3156	Sodium tolyltriazole; (1H-Benzotriazole, 4(or 5)-methyl-, sodium salt)	64665-57-2	1.9	21	130	mg/m^3
3157	Naphtha (petroleum), light straight-run	64741-46-4	300	1,700	10,000	ppm
3158	Mineral oil, petroleum distillates, heavy naphthenic	64741-53-3	5	5	23	mg/m^3
3159	Naphtha (petroleum), heavy catalytic cracked	64741-54-4	2.7	29	220	mg/m^3
3160	Mineral oil, petroleum distillates, solvent-refined (mild) heavy paraffinic	64741-88-4	15	170	990	mg/m^3
3161	Mineral oil, petroleum distillates, solvent refined light naphthenic	64741-97-5	15	340	2,000	mg/m^3
3162	Petroleum mineral oil; (Extracts, petroleum, middle distillate solvent)	64742-06-9	30	1,700	10,000	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3163	Petroleum distillates, clay-treated light naphthenic	64742-45-6	1.5	17	99	mg/m^3
3164	Hydrotreated middle distillate (Petroleum base oil)	64742-46-7	0.23	2.5	15	mg/m^3
3165	Naphtha, hydrotreated heavy; (Isopar L-rev 2)	64742-48-9	171	171	570	ppm
3166	Virginia refrigeration oil 150 and 300; (Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic)	64742-52-5	1	12	2,000	mg/m^3
3167	Transformer oil; (Mineral oil, petroleum distillates, hydrotreated (mild) light naphthenic)	64742-53-6	0.35	3.8	990	mg/m^3
3168	Hydrotreated (mild & severe) heavy paraffinic distillates	64742-54-7	45	500	3,000	mg/m^3
3169	Pump oil	64742-65-0	15	170	990	mg/m^3
3170	Solvent naphtha, petroleum, medium aliphatic; (Mineral spirits, naphtha)	64742-88-7	0.32	3.5	21	mg/m^3
3171	Rubber solvent; (Naphtha (petroleum) light aliphatic)	64742-89-8	264	1,700	10,000	ppm
3172	Aromatic hydrocarbon solvents; (High flash naphtha distillates; Solvent naphtha (petroleum), light aromatic)	64742-95-6	3.1	34	410	ppm
3173	Naphtha, heavy aliphatic solvent	64742-96-7	2.6	29	220	mg/m^3
3174	Petroleum coke, calcined	64743-05-1	30	6,800	40,500	mg/m^3
3175	Paraffins, petroleum, normal C5-C20	64771-72-8	900	9,900	59,000	ppm
3176	Chlorsulfuran	64902-72-3	3.9	43	260	mg/m^3
3177	Percoll	65455-52-9	30	330	2,000	mg/m^3
3178	Zonyl fsn fluorosurfactant	65545-80-4	41	460	2,700	mg/m^3
3179	Sephacryl s-200, superfine	65546-95-4	30	330	2,000	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3180	Polypropylene glycol, polytetramethylene glycol, 1,3-diisocyanatomethylbenzene polymer	65636-36-4	30	330	2,000	mg/m^3
3181	Coal tar pitch volatiles; (Particulate polycyclic aromatic hydrocarbons)	65996-93-2	0.6	36	700	mg/m^3
3182	Fibrous glass; (Fiber glass; Glass frit; Synthetic vitreous fibers)	65997-17-3	15	170	990	mg/m^3
3183	Sodium uranate; (Disodium uranate hexahydrate)	66018-57-3	0.94	7.8	47	mg/m^3
3184	Fatty acids, tall-oil, polymers with glycerol, pentaerythritol and phthalic anhydride	66070-62-0	30	330	2,000	mg/m^3
3185	Triphenylolmethane triglycidyl ether	66072-38-6	30	330	2,000	mg/m^3
3186	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
3187	Polymerized linseed oil	67746-08-1	6	66	400	mg/m^3
3188	Siloxanes and silicones, dimethyl, reaction products with silica; (Hydrophobic silicon dioxide, amorphous)	67762-90-7	0.07	0.77	4.6	mg/m^3
3189	Siloxanes and silicones, methyl phenyl; (Silicon Y-6607; Silicone fluid, high temp)	67762-92-9	1.6	17	100	mg/m^3
3190	Poly(melamine-co-formaldehyde), methylated	68002-20-0	44	490	2,900	mg/m^3
3191	Decene, 1-, homopolymer, hydrogenated	68037-01-4	30	330	2,000	mg/m^3
3192	Methylhydrosiloxane (3-4%) + dimethylsiloxane (96-97%) copolymer	68037-59-2	30	330	2,000	mg/m^3
3193	Poly(dimethylsiloxane), ethoxylated, dihydroxy terminated; (Silicon oil polymer)	68037-63-8	60	660	4,000	mg/m^3
3194	Methylvinylsiloxane-dimethylsiloxane copolymer, vinyl terminated	68083-18-1	30	330	2,000	mg/m^3
3195	Poly(dimethylsiloxane), vinyl dimethylsiloxy terminated	68083-19-2	48	530	3,200	mg/m^3
3196	Polyurethane prepolymer of MDI and PEP	68092-58-0	30	330	2,000	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3197	Humic acid, sodium salt	68131-04-4	0.74	8.2	200	mg/m^3
3198	Grease; (Animal grease, inedible)	68153-81-1	30	330	2,000	mg/m^3
3199	Tall oil (alkyd resin)	68333-62-0	30	330	2,000	mg/m^3
3200	Alkanes, C4-C12	68333-81-3	300	385	5,000	ppm
3201	Diesel fuels	68334-30-5	100	100	1,500	mg/m^3
3202	Alkylbenzyldimethyl ammonium chloride, (C12-C18)	68391-01-5	0.22	2.5	60	mg/m^3
3203	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
3204	Chlorinated polyolefins	68410-99-1	30	330	2,000	mg/m^3
3205	Nonylphenoxypolyethoxyethanol	68412-54-4	30	330	2,000	mg/m^3
3206	Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides	68424-85-1	1.3	14	84	mg/m^3
3207	Ethoxylated alcohols, C16-18; (Nonionic surfactant)	68439-49-6	3.8	42	250	mg/m^3
3208	Brown menhaden fish oil	68440-42-6	30	330	2,000	mg/m^3
3209	Diesel fuel marine; (Fuel oil No.2)	68476-30-2	100	100	2,400	mg/m^3
3210	Fuel oil, residual	68476-33-5	0.85	9.3	56	mg/m^3
3211	Lubricating oil, rerefined	68476-77-7	30	330	2,000	mg/m^3
3212	Liquified petroleum gas; (L.P.G.)	68476-85-7	3,000	3,200	19,000	ppm
3213	Petroleum distillates, low boiling	68477-31-6	350	1,800	40,500	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3214	Alcohols, C6-C12 (N.O.S.)	68603-15-6	30	330	2,000	mg/m^3
3215	Adipic acid, diethylene glycol, trimethylolpropane, phthalic anhydride, toluenediisocyanate polymer, isocyanate terminated	68609-57-4	30	330	2,000	mg/m^3
3216	Alkylbenzene (C10-C16)	68648-87-3	3.7	41	240	mg/m^3
3217	Poly alpha olefin; (Synthetic hydrocarbon mixture, PAO; Hydrogenated trimer and tetramer of decene)	68649-12-7	2	22	130	mg/m^3
3218	Alamine 336	68814-95-9	17	180	1,100	mg/m^3
3219	Lithium silicon	68848-64-6	2.8	31	1,100	mg/m^3
3220	Diatomaceous earth (flux calcinated; Filter agent, celite; Amorphous silica)	68855-54-9	0.9	9.9	59	mg/m^3
3221	Carboxymethyl sepharose; (CM sepharose)	68894-07-5	6	66	400	mg/m^3
3222	Sodium polyphosphate	68915-31-1	9.2	100	600	mg/m^3
3223	Methylchlorodisilane; (Chloromethyldisilane)	68937-17-7	0.067	0.73	4.4	ppm
3224	Vinyl terminated dimethylsiloxane-diphenylsiloxane copolymer	68951-96-2	60	660	4,000	mg/m^3
3225	Vegetable oil	68956-68-3	45	65	390	mg/m^3
3226	**Polyethylbenzene residue; (Dowtherm Q)**	**68987-42-8**	1.7	**19.2**	120	ppm
3227	Zeolites, CaA	68989-20-8	6	66	400	mg/m^3
3228	Zeolites, KA	68989-21-9	30	330	2,000	mg/m^3
3229	Zeolites, NaA	68989-22-0	0.061	0.67	4	mg/m^3
3230	Zeolites, NaX	68989-23-1	30	330	2,000	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3231	Ethoxylated alcohols, C7-C21	68991-48-0	30	330	2,000	mg/m^3
3232	Poly(styrene-co-divinylbenzene); (Dowex Optipore V-502)	69011-14-9	30	330	2,000	mg/m^3
3233	Diethenylbenzene, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated; (Dowex 50-X8 resin)	69011-20-7	30	330	2,000	mg/m^3
3234	Rexyn I-300; (Ethylene glycol dimethacrylate polymer with styrene, chloromethylated, trimethylamine-quaternized, hydroxide)	69011-49-0	30	330	2,000	mg/m^3
3235	Silica, amorphous fume	69012-64-2	0.3	0.3	1.6	mg/m^3
3236	Phenyl sepharose cl-4b	69106-59-8	30	330	2,000	mg/m^3
3237	Bis[(benzo-15-crown-5)-15-ylmethyl] pimelate	69271-98-3	30	330	2,000	mg/m^3
3238	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
3239	Dimethyl(polysiloxane); (Polydimethylsiloxane, silanol terminated; Dimethylsiloxane, poly, hydroxy end-blocked)	70131-67-8	190	2,100	13,000	mg/m^3
3240	Hexachlorodibenzofuran, 1,2,3,4,7,8-	70648-26-9	7.40E-05	8.20E-04	0.0049	mg/m^3
3241	**Propylene glycol monomethyl ether acetate, beta-isomer; (2-Methoxypropoyl-1-acetate)**	**70657-70-4**	**50**	**1,000**	**5,000**	ppm
3242	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
3243	**Jet fuels, (JP-5 and JP-8)**	**70892-10-3**	**290**	**1,100**	1,100	mg/m^3
3244	Poly(dimethylsiloxane), hydride terminated	70900-21-9	30	330	2,000	mg/m^3
3245	Toluene diisocyanate, trimethylolpropane, epsilon-caprolactone polymer, methylated	71342-93-3	30	330	2,000	mg/m^3
3246	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

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3247	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
3248	Diurethane dimethacrylate	72869-86-4	60	660	4,000	mg/m^3
3249	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
3250	Peptone; (Hydrolized protein, Tryptones)	73049-73-7	30	330	2,000	mg/m^3
3251	CAPSO	73463-39-5	30	330	2,000	mg/m^3
3252	Sodium aluminum silicate	73987-94-7	10	15	500	mg/m^3
3253	Ethoxyimino)butyl)-5-(2-ethylthiopropyl)-3-hydroxycyclohex-2-en-1-one, 2-(1-(; (Checkmate)	74051-80-2	9.6	110	630	mg/m^3
3254	Lithium triethylborodeuteride; (Super-deuteride)	74540-86-6	30	330	2,000	mg/m^3
3255	Jeffamine M-600	77110-54-4	30	330	2,000	mg/m^3
3256	Amberlite IR-120(PLUS) ion-exchange resin	78922-04-0	3	33	200	mg/m^3
3257	Ascarite; (Asbestos, 1332-21-4)	81133-20-2	0.045	0.5	2.5	mg/m^3
3258	Vinyl 2-chloroethylsulfide; (2-Chloroethylthio ethene)	81142-02-1	0.031	0.34	2	mg/m^3
3259	Tributyltetradecylphosphonium chloride	81741-28-8	30	330	2,000	mg/m^3
3260	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
3261	Sephacryl s-300	82785-74-8	30	330	2,000	mg/m^3
3262	Octyl(phenyl)-N,N-diisobutylcarbamoylmethylphosphine oxide	83242-95-9	30	330	2,000	mg/m^3
3263	Nonyl phenol, 4- (branched)	84852-15-3	0.074	0.82	260	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3264	**Gasoline**	**86290-81-5**	**200**	**1,000**	**4,000**	ppm
3265	Perfluoro compounds, C5-C18; (Fluorinert electronic liquid perfluoro compounds)	86508-42-1	2.1	23	1,800	ppm
3266	Diatomaceous silica, calcined	91053-39-3	0.9	9.9	59	mg/m^3
3267	Cesium metaborate	92141-86-1	6	77	460	mg/m^3
3268	Botulinum toxin-A	93384-43-1	1.10E-07	1.20E-06	7.10E-06	mg/m^3
3269	Botulinum toxin-B	93384-44-2	1.10E-07	1.20E-06	7.40E-06	mg/m^3
3270	Perlite; (Fused NaKAl silicate, < 1% quartz)	93763-70-3	45	230	1,400	mg/m^3
3271	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
3272	Trimethyloctane	98060-52-7	55	280	440	ppm
3273	Tin nitrite	100737-27-7	11	120	710	mg/m^3
3274	Amberlite MB-1 ion-exchange resin; (Amberlite MB-150)	100915-96-6	15	170	990	mg/m^3
3275	Amberlite XAD-16 resin	104219-63-8	15	170	990	mg/m^3
3276	**Otto Fuel (mainly Propylene glycol dinitrate 6423-43-4)**	**106602-80-6**	**0.17**	**1.0**	**13**	ppm
3277	Hydroxy-4'-hydroxyethoxy-2-methylpropiophenone, 2-	106797-53-9	12	130	810	mg/m^3
3278	Botulinum toxin-F	107231-15-2	7.70E-08	8.50E-07	5.10E-06	mg/m^3
3279	Triaryl sulfonium chloride salts	109037-76-5	1.1	12	72	mg/m^3
3280	Silica gel, amorphous synthetic	112926-00-8	6	6	6	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3281	Silica, amorphous fumed	112945-52-5	6	6	630	mg/m^3
3282	Amberlite IRA-400(CL); (Ion exchange resin)	122560-63-8	30	330	2,000	mg/m^3
3283	Sodium hypophosphite hydrate	123333-67-5	5.2	57	340	mg/m^3
3284	Nonylphenol, 4-, branched, ethoxylated	127087-87-0	1.9	20	120	mg/m^3
3285	Decafluoropentane, 1,1,1,2,3,4,4,5,5,5-	138495-42-8	200	400	490	ppm
3286	Epibatidine	140111-52-0	5.30E-04	0.0059	0.022	mg/m^3
3287	Bis(2-chloroethylthio)-n-butane, 1,4-	142868-93-7	0.032	0.36	2.1	mg/m^3
3288	Bis(2-chloroethylthio)-n-pentane, 1,5-	142868-94-8	0.035	0.38	2.3	mg/m^3
3289	Cs7SB; (1-(2,2,3,3-Tetrafluoropropoxy)-3-(4-sec-butylphenoxy)-2-propanol)	308362-88-1	33	370	2,200	mg/m^3
3290	Ammonium hexachlorohydrate (III)	z-0001	30	330	2,000	mg/m^3
3291	Butyl bis(2-ethylhexyl)phosphate	z-0002	0.6	0.75	0.75	ppm
3292	Cerous nitrite	z-0004	0.1	0.75	75	mg/m^3
3293	Chlorine Hi dry granular (as Cl)	z-0006	1	2.52	30	ppm
3294	Chloropicrin/Methyl chloride mixture	z-0007	0.17	0.5	4.66	mg/m^3
3295	Casamino acids	z-0008	30	330	2,000	mg/m^3
3296	Dibutyl (2-ethylhexyl)phosphate	z-0011	0.6	0.7	0.7	ppm
3297	Diesel fuel marine; (Diesel fuel No. 4)	z-0012	100	100	8,500	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3298	Dipotassium cadmium oxide	z-0013	0.059	17	99	mg/m^3
3299	Dipotassium dihydrogen silicate	z-0014	30	330	2,000	mg/m^3
3300	Disodium cadmium oxide	z-0016	0.051	14	85	mg/m^3
3301	Disodium dihydrogen silicate	z-0017	30	330	2,000	mg/m^3
3302	Ecolite	z-0018	16	170	1,000	mg/m^3
3303	Ethyl (or dimethyl) pyrrolidine	z-0020	15	100	500	mg/m^3
3304	Gadolinium nitrite	z-0022	0.125	0.75	75	mg/m^3
3305	Germanous acid	z-0023	1.5	17	99	mg/m^3
3306	Isocyanate-bearing waste (as CNs N.O.S.)	z-0024	8.3	8.3	50	mg/m^3
3307	Lanthanum alizarin	z-0026	30	330	2,000	mg/m^3
3308	Leco set 7007 powder	z-0027	30	330	2,000	mg/m^3
3309	Mineral fibers, fine	z-0032	30	330	2,000	mg/m^3
3310	Neodymium nitrite	z-0033	0.1	0.75	75	mg/m^3
3311	Norchlorofluoroepibatidine	z-0034	7.40E-06	8.20E-05	5.90E-04	mg/m^3
3312	Oil gas; (Oil fog)	z-0035	6	66	860	ppm
3313	Organorhodium complex	z-0036	0.8	0.8	3.5	mg/m^3
3314	Particulate material (PNOS)	z-0037	30	330	2,000	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3315	PBX (mixture of HMX and nitrocellulose [CTN])	z-0038	2.9	3	500	mg/m^3
3316	Permafluor E+	z-0039	150	500	500	mg/m^3
3317	Permafluor-V (85+% toluene)	z-0040	200	1,250	4,500	ppm
3318	Petroleum 50 thinner; (Paint thinner)	z-0041	5.5	61	370	ppm
3319	Polychlorinated biphenyl (Aroclor 1016/1242): (Chlorodiphenyl (37% Cl))	z-0042	13	140	860	mg/m^3
3320	Polychlorinated biphenyl (Aroclor 1260/1262): (Chlorodiphenyl (61% Cl))	z-0043	0.15	1.6	260	mg/m^3
3321	Potassium aluminite	z-0044	7.5	12.5	500	mg/m^3
3322	Potassium antimonite	z-0045	2.8	25	150	mg/m^3
3323	Potassium argentate	z-0046	0.05	0.56	3.4	mg/m^3
3324	Potassium beryllium oxide	z-0047	0.018	0.2	0.8	mg/m^3
3325	Potassium cadminate	z-0048	0.069	20	120	mg/m^3
3326	Potassium hydrogen lead oxide	z-0049	1.9	21	125	mg/m^3
3327	Potassium hydrogen pyrophosphate	z-0050	12.5	20	400	mg/m^3
3328	Potassium hydrogen metasilicate	z-0051	30	330	2,000	mg/m^3
3329	Potassium iminodiacetate; (Potassium IDA)	z-0052	12.5	100	500	ppm
3330	Potassium lanthanate	z-0053	1.25	2.5	2.5	mg/m^3
3331	Potassium nickelate (liquids)	z-0055	1	12	69	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3332	Potassium nickelate (solids)	z-0056	2.1	23	140	mg/m^3
3333	Potassium trihydrogen silicate	z-0058	30	330	2,000	mg/m^3
3334	Potassium uranyl carbonate	z-0059	1.2	9.8	59	mg/m^3
3335	Sodium antimonite	z-0061	2.6	23	140	mg/m^3
3336	Sodium argentate	z-0062	0.046	0.5	3	mg/m^3
3337	Sodium beryllium oxide	z-0063	0.014	0.16	0.62	mg/m^3
3338	Sodium butyl (2-ethylhexyl)phosphate	z-0064	0.06	0.4	2	mg/m^3
3339	Sodium butyl butylphosphonate	z-0065	0.06	0.4	2	mg/m^3
3340	Sodium cadminate	z-0066	0.06	17	100	mg/m^3
3341	Sodium hydrogen lead oxide	z-0067	1.9	21	125	mg/m^3
3342	Sodium hydrogen metasilicate	z-0068	12.5	75	400	mg/m^3
3343	Sodium hydrogen pyrophosphate	z-0069	12.5	20	400	mg/m^3
3344	Sodium lanthanate	z-0070	1.25	2.5	2.5	mg/m^3
3345	Sodium nickelate (Liquids)	z-0073	0.88	9.6	57	mg/m^3
3346	Sodium nickelate (Solids)	z-0074	1.8	19	120	mg/m^3
3347	Sodium trihydrogen silicate	z-0076	30	330	2,000	mg/m^3
3348	Sodium uranyl carbonate	z-0078	1.1	9	54	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3349	Thorium nitrite	z-0079	30	330	2,000	mg/m^3
3350	Titanium-based alloy; (Titanium compounds)	z-0081	30	330	2,000	mg/m^3
3351	Uranium: insoluble compounds	z-0083	0.6	5	30	mg/m^3
3352	Uranium: soluble compounds	z-0084	0.6	3.3	20	mg/m^3
3353	Uranyl nitrite (liquids)	z-0087	0.91	5	30	mg/m^3
3354	Zirconium nitrite	z-0088	15	130	750	mg/m^3
3355	Zirconium silane	z-0089	16	140	810	mg/m^3
3356	zzAcrylic latex	z-0090	30	330	2,000	mg/m^3
3357	zzAlumination 301	z-0091	30	330	2,000	mg/m^3
3358	zzHydranal coulomat / AG	z-0092	30	330	2,000	mg/m^3
3359	zzHydrocarbon polymer	z-0093	30	330	2,000	mg/m^3
3360	zzHydrocount(R), LSC cocktail	z-0094	30	330	2,000	mg/m^3
3361	zzIconol(R)	z-0095	30	330	2,000	mg/m^3
3362	zzMachine coolant 1	z-0096	30	330	2,000	mg/m^3
3363	zzMonophase- S	z-0097	30	330	2,000	mg/m^3
3364	zzMornar	z-0098	30	330	2,000	mg/m^3
3365	zzOpti-Fluor; (Alkyl benzene blend, 3% tributylphophate)	z-0099	25	42	250	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3366	zzPropanol (-2) aluminum derivative	z-0101	6	66	400	mg/m^3
3367	zzScintillation cocktail, Ultima Gold XR	z-0102	0.5	3	15	mg/m^3
3368	zzSicapent	z-0103	30	330	2,000	mg/m^3
3369	zzSynthetic resins	z-0104	30	330	2,000	mg/m^3
3370	zzTotal sequestrant reagent #5	z-0105	40	100	500	mg/m^3
3371	zzTrifluoroacetyl)-N,0,0,0-tetrakis((TMS)norepinephrine, N-(	z-0106	0.015	0.16	2.2	mg/m^3
3372	zzWaste oil	z-0107	30	330	2,000	mg/m^3
3373	Alkenyl dimethylethyl ammonium bromide; (Aliphatic hydrocarbon)	z-0108	1.5	17	99	mg/m^3
3374	Alkyl benzenes (C8-C9)	z-0109	30	330	2,000	mg/m^3
3375	BoBCalix; (Calix[4]arene-bis(t-octylbenzo-crown-b))	z-0110	30	330	2,000	mg/m^3
3376	Aromatic isocyanate mixture "SWD 305A"	z-0111	4	20	125	mg/m^3
3377	Polyether polyol ester	z-0112	12	140	820	mg/m^3
3378	Isonate 181 MDI prepolymer	z-0113	0.75	6	75	mg/m^3
3379	Benzenesulfonic acid, 5-chloro-2	z-0114	1.5	17	99	mg/m^3
3380	Polyisocyanate prepolymer (based on MDI)	z-0115	0.0072	0.079	0.48	mg/m^3
3381	**Magnesium aluminum phosphide**	**z-0116**	0.12	**0.67**	**1.2**	ppm
3382	Red Arrow Insect Spray	z-0117	10	60	200	mg/m^3

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Table 3: Protective Action Criteria (PAC) Rev 27
Based on applicable 60-minute AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PAC based on AEGLs, ERPGs, or TEELs			
			PAC-1	PAC-2	PAC-3	Units
3383	Botulinum, clostridium	z-0119	4.90E-09	5.40E-08	3.20E-07	mg/m^3
3384	Succinimidyl-6-(beta-maleimidopropionamido)hexanoate; (SMPH)	z-0120	30	330	2,000	mg/m^3
3385	Cube Resin other than Rotenone	z-0122	30	330	2,000	mg/m^3
3386	Sodium Tetrahydroxoaluminate	z-0123	26	290	1,700	mg/m^3
3387	**Methyl nonafluorobutyl ether (40%) and Methyl nonafluoroisobutyl ether (60%) (ppm) (HFE-7100)**	**163702-07-6 163702-08-7**	**2500**	**8,200**	**15,000**	ppm

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