Table 3: Protective Action Criteria (PAC) Rev 24B based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed By CASRN)

PAC Rev 24B – June 2009

Table 3 presents a listing of chemicals and PAC data based on the Chemical Abstract Service Registry Numbers (CASRNs)[1] of the chemicals. Chemicals without an identified CASRN number are issued an identification number, preceded by the letter "z," for purposes of the PAC data set.

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 common name of the chemical.
CASRN	The Chemical Abstract Service Registry Number for this chemical.
TEEL-0	This is the threshold concentration below which most people will experience no appreciable risk of health effects. This PAC is always based on TEEL-0 because AEGL-0 or ERPG-0 values do not exist.
PAC-1	Based on the applicable AEGL-1, ERPG-1, or TEEL-1 value.
PAC-2	Based on the applicable AEGL-2, ERPG-2, or TEEL-2 value.
PAC-3	Based on the applicable AEGL-3, ERPG-3, or TEEL-3 value.
Units	The units for the PAC values (ppm or mg/m^3).

Additional information on the chemicals presented here is provided in PAC Tables 1, 2, and 4.

Table 3, other PAC Tables, introductory/explanatory material (including a glossary of acronyms and abbreviations), definitions of PAC values, and alternative methods of displaying PAC information are available electronically at:

http://www.hss.energy.gov/HealthSafety/WSHP/chem_safety/teel.html.

Additional information on PAC values and Temporary Emergency Exposure Limits (TEELs) and links to other sources of information is provided on the Subcommittee for Consequence Assessment and Protective Action (SCAPA) webpages at:

http://orise.orau.gov/emi/scapa/teels.htm.

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

Definitions of AEGLs, ERPGs, and TEELs

AEGLs:

- **AEGL-1** is the airborne concentration [expressed as parts per million or milligrams per cubic meter (ppm or mg/m^3)] of a substance above which it is predicted that the general population, including susceptible individuals, could experience notable discomfort, irritation, or certain asymptomatic nonsensory effects. However, the effects are not disabling and are transient and reversible upon cessation of exposure.

- **AEGL-2** is the airborne concentration (expressed as ppm or mg/m^3) of a substance above which it is predicted that the general population, including susceptible individuals, could experience irreversible or other serious, long-lasting adverse health effects or an impaired ability to escape.

- **AEGL-3** is the airborne concentration (expressed as ppm or mg/m^3) of a substance above which it is predicted that the general population, including susceptible individuals, could experience life-threatening health effects or death.

ERPGs:

- **ERPG-1** is the maximum airborne concentration below which it is believed that nearly all individuals could be exposed for up to 1 hr without experiencing other than mild transient adverse health effects or perceiving a clearly defined, objectionable odor.

- **ERPG-2** is the maximum airborne concentration below which it is believed that nearly all individuals could be exposed for up to 1 hr without experiencing or developing irreversible or other serious health effects or symptoms which could impair an individual's ability to take protective action.

- **ERPG-3** is the maximum airborne concentration below which it is believed that nearly all individuals could be exposed for up to 1 hour without experiencing or developing life-threatening health effects.

TEELs:

- **TEEL-0** is the threshold concentration below which most people will experience no appreciable risk of health effects.

- **TEEL-1** is the maximum concentration in air below which it is believed nearly all individuals could be exposed without experiencing other than mild transient adverse health effects or perceiving a clearly defined objectionable odor.

- **TEEL-2** is the maximum concentration in air below which it is believed nearly all individuals could be exposed without experiencing or developing irreversible or other serious health effects or symptoms that could impair their abilities to take protective action.

- **TEEL-3** is the maximum concentration in air below which it is believed nearly all individuals could be exposed without experiencing or developing life-threatening health effects.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1	**Formaldehyde**	**50-00-0**	0.3	**0.90**	**14**	**56**	ppm
2	Guanidinehydrochloride	50-01-1	2	6	40	200	mg/m3
3	Mitomycin C	50-07-7	4	12.5	23	23	mg/m3
4	Ergocalciferol; (Vitamin D2)	50-14-6	7.5	25	40	40	mg/m3
5	Lactic acid	50-21-5	15	40	300	500	mg/m3
6	DDT; (Dichlorodiphenyltrichloroethane)	50-29-3	1	1	2	500	mg/m3
7	Benzo(a)pyrene; (Coal tar pitch volatiles)	50-32-8	0.2	0.6	15	80	mg/m3
8	Sorbitol, D-; (D-Glucitol)	50-70-4	40	125	500	500	mg/m3
9	Ascorbic acid	50-81-7	60	200	500	500	mg/m3
10	Glucose, D-; (Dextrose, anhydrous)	50-99-7	0.4	1.25	7.5	500	mg/m3
11	Fluorouracil	51-21-8	0.75	2.5	19	100	mg/m3
12	Dinitrophenol, 2,4-	51-28-5	1.5	5	30	30	mg/m3
13	Epinephrine; (Vasotonin; (R)-4-(1-Hydroxy-2-(methylamino)ethyl)-1,2-benzenediol)	51-43-4	0.25	0.25	0.25	0.25	mg/m3
14	**Nitrogen mustard; (Bis(b-chloroethyl)methylamine)**	**51-75-2**	0.001	0.003	**0.022**	**0.37**	mg/m3
15	Urethane; (Carbamic acid, ethyl ester; Ethyl carbamate)	51-79-6	500	500	500	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
16	Carbachol Chloride	51-83-2	3	7.5	15	15	mg/m3
17	Trichlorohydroxyethyl dimethylphosphonate; ((2,2,2-Trichloro-1-hydroxyethyl)dimethylphosphonate; Trichlorphon)	52-68-6	1	3	5	500	mg/m3
18	Dibenza(a,h)anthracene	53-70-3	0.00075	0.0025	0.015	15	mg/m3
19	Acetylaminofluorene, 2-	53-96-3	0.25	0.75	6	30	mg/m3
20	Nicotine; (Pyridine, (S)-3-(1-methyl-2-pyrrolidinyl)-)	54-11-5	0.5	1.5	3.5	5	mg/m3
21	Sodium salicylate; (Salicylic acid, sodium salt)	54-21-7	40	100	500	500	mg/m3
22	Aminopterin; (Aminopteridine)	54-62-6	5	15	25	25	mg/m3
23	Benzamide	55-21-0	3	10	60	350	mg/m3
24	Fenthion	55-38-9	0.05	0.15	40	40	mg/m3
25	Nitroglycerin	55-63-0	0.1	0.1	2	75	mg/m3
26	Nitrogen mustard hydrochloride	55-86-7	0.75	2.5	4	4	mg/m3
27	Diisopropylfluorophosphate; (Phosphorofluoridic acid, bis(1-methylethyl) ester)	55-91-4	0.75	2	3.6	3.6	mg/m3
28	Diaminodipropylamine, 3,3-; (Aminobis(propylamine))	56-18-8	0.6	1.5	12.5	60	ppm
29	**Carbon tetrachloride**	**56-23-5**	10	**44**	**190**	**520**	ppm
30	Cantharidin	56-25-7	0.75	2.5	4.3	4.3	mg/m3
31	Tetraethylammonium chloride	56-34-8	0.25	0.75	6	500	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
32	Parathion	56-38-2	0.1	0.15	2	10	mg/m3
33	Glycine; (Aminoacetic acid)	56-40-6	25	75	500	500	mg/m3
34	Methylcholanthrene 3-	56-49-5	0.2	0.6	4	75	mg/m3
35	Diethylstilbestrol; ((E)-4,4'-(1,2-diethyl-1,2-ethenediyl)bisphenol)	56-53-1	0.025	0.075	0.6	15	mg/m3
36	Benzo(a)anthracene	56-55-3	0.1	0.3	2	15	mg/m3
37	Coumaphos	56-72-4	0.05	0.15	30	125	mg/m3
38	Chloramphenicol	56-75-7	0.5	1.5	7.5	350	mg/m3
39	Glycerine (mist); (Glycerol, glycerin)	56-81-5	15	125	500	500	mg/m3
40	Glutamic acid, L-; ((S)-(+)-Glutamic acid)	56-86-0	2	6	40	200	mg/m3
41	Allyl isothiocyanate; (Mustard oil)	57-06-7	0.35	1	2.5	12.5	ppm
42	Ammonium, hexadecyltrimethyl-, bromide; (Hexadecyltrimethylammonium bromide)	57-09-0	0.035	0.1	0.75	150	mg/m3
43	Hexadecanoic acid; (Palmitic acid)	57-10-3	25	50	50	50	mg/m3
44	Octadecanoic acid, n-; (Stearic acid)	57-11-4	60	150	500	500	mg/m3
45	Cyanide	57-12-5	5	5	5	25	mg/m3
46	Urea	57-13-6	10	10	15	500	mg/m3
47	**Dimethylhydrazine, 1,1-**	**57-14-7**	0.5	0.5	**3.0**	**11**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
48	Strychnine	57-24-9	0.15	0.3	0.3	3	mg/m3
49	Pentobarbital sodium; (Nembutal sodium)	57-33-0	0.15	0.5	3.5	50	mg/m3
50	Physostigmine	57-47-6	0.75	2.5	4.5	4.5	mg/m3
51	Sucrose	57-50-1	15	30	50	500	mg/m3
52	Propylene glycol; (1,2-Propanediol)	57-55-6	10	10	10	500	mg/m3
53	Propiolactone, b-	57-57-8	0.5	0.509	5.09	15	ppm
54	Physostigmine salicylate (1:1)	57-64-7	0.5	1.5	2.5	2.5	mg/m3
55	Chlordane	57-74-9	0.5	1.5	50	100	mg/m3
56	Oxydiphenoxarsine, 10,10'-; (Phenoxyarsine oxide)	58-36-6	1.68	2	14	14	mg/m3
57	Lindane; (gamma-Benzenehexachloride)	58-89-9	0.5	1.5	50	50	mg/m3
58	Chloro-m-cresol, 4-	59-50-7	7.5	20	150	500	mg/m3
59	Nicotinic acid; (Niacin)	59-67-6	0.75	2.5	15	500	mg/m3
60	Phenylhydrazine hydrochloride	59-88-1	50	150	250	250	mg/m3
61	Nitrosomorpholine	59-89-2	12.5	30	30	30	mg/m3
62	Ethylenediaminetetraacetic acid; (EDTA)	60-00-4	40	125	150	150	mg/m3
63	Phenylazo)aniline, p-(	60-09-3	0.6	2	12.5	75	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
64	Dimethylaminoazobenzene, 4-	60-11-7	15	50	75	75	mg/m3
65	Mercaptoethanol, 2-	60-24-2	0.2	2	12.5	200	ppm
66	Ethyl ether	60-29-7	400	500	500	1900	ppm
67	**Monomethylhydrazine; (Methyl hydrazine)**	**60-34-4**	0.01	0.2	**0.9**	**2.7**	ppm
68	Acetamide	60-35-5	25	75	500	500	mg/m3
69	Strychnine sulfate (2:1)	60-41-3	1	3	5	30	mg/m3
70	Dimethoate	60-51-5	6	15	30	30	mg/m3
71	Dieldrin	60-57-1	0.25	0.75	2.5	50	mg/m3
72	Amitrole	61-82-5	0.2	0.6	125	500	mg/m3
73	Phenylmercury acetate; (Acetoxyphenylmercury)	62-38-4	0.168	16.8	16.8	16.8	mg/m3
74	Phenacetin; (p-acetophenetidide)	62-44-2	10	30	50	60	mg/m3
75	Methanesulfonic acid, ethyl ester; (Ethyl methanesulfonate)	62-50-0	0.5	1.5	10	150	mg/m3
76	**Aniline**	**62-53-3**	5	**8.0**	**12**	**20**	ppm
77	Calcium acetate	62-54-4	0.02	0.06	0.4	30	mg/m3
78	Thioacetamide	62-55-5	10	30	50	125	mg/m3
79	Thiourea	62-56-6	10	10	25	125	mg/m3

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No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
80	Dichlorovos; (Dichlorvos)	62-73-7	1	1	2.21	100	ppm
81	Fluoroacetic acid, sodium salt; (Sodium fluoroacetate)	62-74-8	0.05	0.15	0.5	2.5	mg/m3
82	Nitrosodimethylamine	62-75-9	3.5	10	19	19	mg/m3
83	Sodium oxalate	62-76-0	10	30	50	50	mg/m3
84	Carbaryl	63-25-2	5	5	15	100	mg/m3
85	Cytidine monophosphate; (Cytidine 5-monophosphate free acid)	63-37-6	7.5	25	150	500	mg/m3
86	Sulfanilamide	63-74-1	1	3	20	500	mg/m3
87	Cumenol methylcarbamate, m-; (3-(1-methylethyl)phenol methylcarbamate)	64-00-6	3	10	16	16	mg/m3
88	Ethylenediaminetetraacetic acid, tetrasodiumn salt; (Tetrasodium EDTA)	64-02-8	40	125	500	500	mg/m3
89	Ethyl alcohol; (ethanol)	64-17-5	1000	3000	3300	3300	ppm
90	Formic acid	64-18-6	5	10	10	30	ppm
91	**Acetic acid**	**64-19-7**	5	**5**	**35**	**250**	ppm
92	Ammonium, tetramethyl, bromide; (Tetramethylammonium bromide)	64-20-0	0.2	0.6	4	20	mg/m3
93	Diethyl sulfate	64-67-5	0.075	0.2	1.5	25	ppm
94	Tetracycline hydrochloride	64-75-5	0.75	2.5	15	500	mg/m3
95	Colchicine	64-86-8	0.04	0.125	0.9	0.9	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
96	Nicotine sulfate	65-30-5	4	9	9	9	mg/m3
97	Benzoic acid	65-85-0	4	12.5	75	400	mg/m3
98	Hexanal	66-25-1	12.5	35	200	200	ppm
99	Dinitrophenol, 2,3-	66-56-8	0.75	2	15	75	mg/m3
100	Phenanthroline, 1,10-	66-71-7	0.1	0.3	2	30	mg/m3
101	Cycloheximide	66-81-9	0.1	0.3	2	2	mg/m3
102	Diethylenetriaminepentaacetic acid	67-43-6	2	6	50	250	mg/m3
103	Barbituric acid	67-52-7	2	6	40	200	mg/m3
104	**Methyl alcohol; (Methanol)**	**67-56-1**	200	**530**	**2100**	**7200**	ppm
105	Isopropyl alcohol	67-63-0	400	400	400	2000	ppm
106	**Acetone**	**67-64-1**	200	**200**	**3200**	**5700**	ppm
107	**Chloroform**	**67-66-3**	2	2	**64**	**3200**	ppm
108	Dimethyl sulfoxide; (DMSO)	67-68-5	250	250	250	2000	ppm
109	Dimethyl sulfone	67-71-0	20	60	400	500	mg/m3
110	Hexachloroethane	67-72-1	1	3	40	300	ppm
111	Trisodium citrate	68-04-2	0.6	1.5	12.5	60	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
112	Iodide, Ammonium, tetraethyl-; (Tetraethylammoniumiodide)	68-05-3	0.0203	0.0608	0.101	15	mg/m3
113	Mercaptoacetic acid; (Thioglycolic acid)	68-11-1	1	1	1.25	6	ppm
114	**Dimethylformamide, N,N-**	**68-12-2**	2	**2**	**91**	**530**	ppm
115	Hexanehexol, 1,2,3,4,5,6-; (Mannitol)	69-65-8	500	500	500	500	mg/m3
116	Salicylic acid	69-72-7	0.3	0.75	6	400	mg/m3
117	Guanidine, N-methyl-N'-nitro-N-nitroso-	70-25-7	0.125	0.35	2.5	40	mg/m3
118	Hexachlorophene	70-30-4	10	10	20	200	mg/m3
119	Toluenesulfonamide, p-; (Pasam)	70-55-3	1	3	20	100	mg/m3
120	Aminopropiophenone, 4-	70-69-9	1	3.5	5.6	75	mg/m3
121	Propyl alcohol, n-; (n-Propanol)	71-23-8	200	250	250	800	ppm
122	Butyl alcohol, n-	71-36-3	50	50	50	1400	ppm
123	Amyl alcohol; (1-Pentanol)	71-41-0	100	100	100	100	ppm
124	**Benzene**	**71-43-2**	1	**52**	**800**	**4000**	ppm
125	**Trichloroethane, 1,1,1-; (Methyl chloroform)**	**71-55-6**	230	**230**	**600**	**4200**	ppm
126	Digitoxin	71-63-6	0.0075	0.025	0.18	0.25	mg/m3
127	Ammonium, tetraethyl, bromide; (Tetraethyl ammonium bromide)	71-91-0	1.25	4	30	40	mg/m3

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No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
128	Sodium lactate; (Lactic acid, monosodium salt)	72-17-3	15	40	300	500	mg/m3
129	Endrin	72-20-8	0.1	0.3	2	2	mg/m3
130	Methoxychlor	72-43-5	15	30	250	500	mg/m3
131	Alizarin; (1,2-Dihydroxyanthraquinone; Turkey red oil)	72-48-0	1.25	4	25	125	mg/m3
132	DDD; (1,1-bis(4-Chlorophenyl)-2,2-dichloroethane)	72-54-8	12.5	35	250	500	mg/m3
133	DDE; (2,2-bis(p-Chlorophenyl)-1,1-dichloroethylene)	72-55-9	4	12.5	75	400	mg/m3
134	Trypan blue	72-57-1	10	30	50	500	mg/m3
135	Arginine, L-	74-79-3	10	30	50	250	mg/m3
136	Methane	74-82-8	1000	3000	5000	200000	ppm
137	**Methyl bromide; (Bromomethane)**	**74-83-9**	1	30	**210**	**740**	ppm
138	Ethane	74-84-0	1000	3000	5000	25000	ppm
139	Ethylene	74-85-1	200	600	7500	7500	ppm
140	Acetylene	74-86-2	2500	2500	2500	6000	ppm
141	**Methyl chloride**	**74-87-3**	100	100	**910**	**3000**	ppm
142	**Methyl iodide**	**74-88-4**	5	**25**	**50**	**125**	ppm
143	**Monomethylamine; (Methylamine)**	**74-89-5**	10	**15**	**64**	**350**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
144	**Hydrogen cyanide; (Hydrocyanic acid)**	**74-90-8**	1.9	**2.0**	**7.1**	**15**	ppm
145	**Methyl mercaptan**	**74-93-1**	0.5	6	**47**	**68**	ppm
146	Dibromomethane; (Methylene dibromide)	74-95-3	10	30	200	1250	ppm
147	Bromoethane; (Ethyl bromide)	74-96-4	5	750	2000	2000	ppm
148	Bromochloromethane	74-97-5	200	600	1000	2000	ppm
149	**Propane**	**74-98-6**	1000	**5500**	**17000**	**33000**	ppm
150	Methyl acetylene	74-99-7	1000	1700	1700	1700	ppm
151	Ethyl chloride	75-00-3	100	1500	3800	3800	ppm
152	**Vinyl chloride**	**75-01-4**	1	**250**	**1200**	**4800**	ppm
153	Vinyl fluoride	75-02-5	1	75	500	75000	ppm
154	Iodoethane; (Ethyl iodide)	75-03-6	0.0123	0.0369	0.0615	500	ppm
155	**Ethylamine; (Monoethylamine; Ethylamine anhydrous)**	**75-04-7**	7.5	**7.5**	**49**	**270**	ppm
156	**Acetonitrile**	**75-05-8**	13	**13**	**320**	**670**	ppm
157	**Acetaldehyde**	**75-07-0**	25	**45**	**270**	**840**	ppm
158	**Ethanethiol; (Ethyl mercaptan)**	**75-08-1**	0.5	**1.0**	**120**	**360**	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
159	**Methylene chloride; (Dichloromethane)**	**75-09-2**	25	**200**	**560**	**6900**	ppm
160	Methylene fluoride; (Difluoromethane; HFC-32)	75-10-5	1000	3000	200000	400000	ppm
161	Diiodomethane; (Methylene iodide)	75-11-6	75	200	500	500	mg/m3
162	Formamide	75-12-7	10	20	125	1250	ppm
163	Isocyanic acid	75-13-8	0.04	0.1	0.75	4	ppm
164	**Carbon disulfide**	**75-15-0**	13	**13.0**	**160**	**480**	ppm
165	Methylmagnesium bromide, 3.0 m in diethyl ether	75-16-1	0.4	1.25	7.5	40	ppm
166	**Dimethyl sulfide; (2-Thiopropane)**	**75-18-3**	10	150	**1000**	**5000**	ppm
167	Cyclopropane	75-19-4	200	600	4000	60000	ppm
168	Calcium carbide	75-20-7	10	30	50	250	mg/m3
169	**Ethylene oxide; (Oxirane)**	**75-21-8**	1	5	**45**	**200**	ppm
170	Trimethylaluminum	75-24-1	5.34	16	26.7	125	mg/m3
171	Bromoform; (Tribromomethane)	75-25-2	0.5	0.5	1	850	ppm
172	Bromopropane, 2-	75-26-3	600	1500	12500	25000	ppm
173	Bromodichloromethane	75-27-4	1.5	4	30	150	mg/m3
174	Methylpropane, 2-; (Isobutane)	75-28-5	1000	3000	5000	15000	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
175	Isopropyl chloride; (2-Chloropropane)	75-29-6	50	150	15000	15000	ppm
176	Isopropylamine; (2-Propanamine)	75-31-0	5	10	150	750	ppm
177	Ethylidene chloride, 1,1-; (1,1-Dichloroethane)	75-34-3	100	300	3000	3000	ppm
178	**Vinylidene chloride; (1,1-dichloroethylene)**	**75-35-4**	5	75	**500**	**1000**	ppm
179	Acetyl chloride	75-36-5	0.0025	0.0075	0.05	125	ppm
180	**Difluoroethane; (1,1-Difluoroethane; HFC 152a)**	**75-37-6**	1000	**10000**	**15000**	**25000**	ppm
181	Vinylidene fluoride; (1,1-Difluoroethene)	75-38-7	500	500	500	12500	ppm
182	Dichlorofluoromethane; (Freon 21, CFC 21)	75-43-4	10	30	100	5000	ppm
183	**Phosgene**	**75-44-5**	0.1	0.1	**0.30**	**0.75**	ppm
184	Chlorodifluoromethane	75-45-6	1000	1250	7500	7500	ppm
185	Carbon trifluoride; (Trifluoromethane, Fluoroform)	75-46-7	1000	3000	20000	100000	ppm
186	**Trimethylamine**	**75-50-3**	5	**8.0**	**120**	**380**	ppm
187	Nitromethane	75-52-5	20	60	750	750	ppm
188	**Methyl dichlorosilane; (Dichloromethylsilane)**	**75-54-7**	0.3	**0.90**	**11**	**47**	ppm
189	**Propyleneimine, 1,2-**	**75-55-8**	2	2	**12**	**23**	ppm
190	**Propylene oxide; (Methyl ethylene oxide)**	**75-56-9**	2	**73**	**290**	**870**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
191	Tetramethylammonium chloride	75-57-0	0.2	0.6	4	20	mg/m3
192	Tetramethylammonium hydroxide	75-59-2	0.06	0.15	1.25	6	mg/m3
193	Cacodylic acid	75-60-5	0.5	1.5	5	5	mg/m3
194	Bromotrichloromethane	75-62-7	0.06	0.15	1.25	6	ppm
195	Bromotrifluoromethane; (Trifluorobromomethane)	75-63-8	1000	3500	25000	40000	ppm
196	Butylamine, tert-	75-64-9	5	5	10	125	ppm
197	Tert-butyl alcohol; (tert-Butanol)	75-65-0	100	150	1600	1600	ppm
198	**Chloro-1,1-difluoroethane, 1-; (HCFC-142b)**	**75-68-3**	1000	**10000**	**15000**	**25000**	ppm
199	Trichlorofluoromethane; (Fluorotrichloromethane, Freon 11)	75-69-4	1000	1000	1500	2000	ppm
200	Dichlorodifluoromethane; (Freon 12, CFC 12)	75-71-8	1000	3000	10000	15000	ppm
201	Chlorotrifluoromethane; (CFC-13)	75-72-9	1000	3000	5000	25000	ppm
202	Carbon tetrafluoride; (Tetrafluoromethane)	75-73-0	200	600	5000	25000	ppm
203	Tetramethyl lead	75-74-1	0.0968	0.581	4	51.6	mg/m3
204	Methanesulfonic acid	75-75-2	4	12.5	75	400	mg/m3
205	Tetramethylsilane	75-76-3	5	15	25	125	ppm
206	**Trimethylchlorosilane**	**75-77-4**	0.6	**1.8**	**32**	**130**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
207	**Dimethyldichlorosilane**	**75-78-5**	0.3	**0.90**	**13**	**53**	ppm
208	**Methyltrichlorosilane; (Trichloromethyl silane)**	**75-79-6**	0.2	**0.60**	**6.2**	**28**	ppm
209	Dimethyl butane, 2,2-	75-83-2	500	510	510	2500	ppm
210	Pentyl alcohol, tert-; (tert-Amyl alcohol)	75-85-4	60	100	100	100	ppm
211	**Methyllactonitrile 2-; (Acetone cyanohydrin)**	**75-86-5**	1.44	**2.0**	**7.1**	**15**	ppm
212	Trichloroacetaldehyde; (Chloral)	75-87-6	2.5	7.5	50	250	mg/m3
213	Trifluoroethanol, 2,2,2-; (Trifluoroethyl alcohol)	75-89-8	0.3	7.5	60	60	ppm
214	Dimethylethyl hydroperoxide, 1,1-; (tert-Butylhydroperoxide)	75-91-2	0.75	2.5	15	50	ppm
215	**Vinyl trichlorosilane**	**75-94-5**	0.2	**0.60**	**7.3**	**33**	ppm
216	Pinacolone; (3,3-Dimethyl-2-butanone)	75-97-8	1.5	4.88	200	1000	ppm
217	Trimethylacetic acid; (Pivalic acid)	75-98-9	3.5	10	75	400	mg/m3
218	Pentachloroethane	76-01-7	10	30	500	500	mg/m3
219	Trichloroacetyl chloride	76-02-8	0.03	0.075	0.606	6	ppm
220	Trichloroacetic acid	76-03-9	1	1	2	25	ppm
221	Trifluoroacetic acid; (Trifluoroethanoic acid)	76-05-1	10	15	15	15	ppm
222	**Chloropicrin; (Trichloronitromethane)**	**76-06-2**	0.05	**0.050**	**0.15**	**1.4**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
223	Tetrachloro-1,2-difluoroethane, 1,1,2,2-	76-12-0	500	500	2000	2000	ppm
224	Trichlorotrifluoroethane; (Freon 113; CFC113)	76-13-1	1000	1250	1500	2000	ppm
225	Dichlorotetrafluoroethane, 1,2-; (Freon 114, CFC 114)	76-14-2	1000	3000	15000	15000	ppm
226	Monochloropentafluoroethane; (CFC-115)	76-15-3	1000	3000	5000	300000	ppm
227	Hexafluoroethane; (Freon 116; Perfluoroethane)	76-16-4	40000	40000	40000	40000	ppm
228	Camphor	76-22-2	2	19	19	200	mg/m3
229	Heptachlor	76-44-8	0.5	0.5	0.5	35	mg/m3
230	Bromothymol blue	76-59-5	10	30	50	250	mg/m3
231	Bromocresol green	76-60-8	10	30	50	250	mg/m3
232	Thymol blue; (6,6-(3H-2,1-benzoxathiol-3-ylidene)dithymol, S,S-dioxide)	76-61-9	10	30	50	250	mg/m3
233	Phenolphthalein	77-09-8	0.75	2.5	15	400	mg/m3
234	Hexachlorocylopentadiene	77-47-4	0.01	0.0179	0.0179	0.0179	ppm
235	**Dicyclopentadiene**	**77-73-6**	0.01	**0.01**	**5**	**75**	ppm
236	Dimethoxypropane, 2,2-	77-76-9	0.4	1.25	7.5	40	ppm
237	**Dimethyl sulfate**	**77-78-1**	0.024	**0.024**	**0.12**	**1.6**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
238	**Ethyl dimethylamido-cyanophosphate; (Tabun; GA)**	**77-81-6**	0.000125	**0.00042**	**0.0053**	**0.039**	ppm
239	Tris-hydroxymethylaminomethane; (THAM)	77-86-1	25	75	500	500	mg/m3
240	Acetyl triethyl citrate	77-89-4	6	20	125	500	mg/m3
241	Citric acid	77-92-9	12.5	35	250	500	mg/m3
242	Tributyl citrate	77-94-1	1	3	20	75	ppm
243	Triethylethanaminium hydroxide, N,N,N-; (Tetraethyl ammonium hydroxide)	77-98-5	0.35	1	7.5	35	mg/m3
244	Tetraethyl lead	78-00-2	0.117	0.468	0.781	62.4	mg/m3
245	Triethoxyvinylsilane	78-08-0	15	50	350	1500	ppm
246	**Tetraethyl orthosilicate; (Ethyl silicate; Tetraethoxysilane)**	**78-10-4**	25	**25**	**100**	**300**	ppm
247	Pentaerythritol tetranitrate	78-11-5	0.015	0.05	0.35	500	mg/m3
248	Tripentaerythritol	78-24-0	10	30	50	250	mg/m3
249	Tri-o-tolyl phosphate; (Triorthocresyl phosphate)	78-30-8	0.1	0.3	0.6	40	ppm
250	Dioxathion	78-34-2	0.1	0.3	3.4	150	mg/m3
251	Diethyl ethylphosphonate	78-38-6	2	6	40	500	mg/m3
252	Triethyl phosphate; (TEP)	78-40-0	75	200	500	500	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
253	Tri(2-ethylhexyl) phosphate; (Tris(2-ethylhexyl)phosphate)	78-42-2	12.5	12.5	12.5	12.5	mg/m3
254	Dibutyl butylphosphonate	78-46-6	0.04	0.125	1	5	ppm
255	Tri-n-octylphosphine oxide; (Trioctylphophine oxide)	78-50-2	10	30	50	250	mg/m3
256	Butoxyethanol phosphate, 2-	78-51-3	7.5	20	150	500	mg/m3
257	Amiton; (O,O-Diethyl-S-(2-diethylaminoethyl) thiophosphate)	78-53-5	0.6	2	3.3	3.3	mg/m3
258	Isophorone	78-59-1	5	5	5	200	ppm
259	Diethoxydimethylsilane	78-62-6	5	15	100	500	ppm
260	Azobis(2-methylpropionitrile), 2,2'-	78-67-1	7.5	25	150	300	mg/m3
261	Bis(chloromethyl)oxetane, 3,3-	78-71-7	0.4	1.25	2	75	mg/m3
262	Isopentane; (Ethyldimethylmethane; 2-Methylbutane)	78-78-4	610	610	610	20000	ppm
263	**Isoprene**	**78-79-5**	2	**5**	**1000**	**4000**	ppm
264	Isobutylamine	78-81-9	5	5	6	35	ppm
265	**Isobutyronitrile**	**78-82-0**	8	**10**	**18**	**68**	ppm
266	Isobutyl alcohol	78-83-1	100	1250	1600	1600	ppm
267	Isobutyraldehyde	78-84-2	25	300	1500	1500	ppm
268	**Methacrylaldehyde**	**78-85-3**	0.06	**0.2**	**2.8**	**4.7**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
269	Chlorobutane, 2-; (Sec-butyl chloride)	78-86-4	0.4	1.25	7.5	3500	ppm
270	Dichloropropane, 1,2-; (Propylene dichloride)	78-87-5	10	300	400	400	ppm
271	Dichloropropene, 2,3-	78-88-6	0.5	1.5	10	50	ppm
272	Propanediamine, 1,2-	78-90-0	7.5	25	200	500	mg/m3
273	Butyl alcohol, sec-; (2-Butanol)	78-92-2	100	150	2000	2000	ppm
274	**Butanone, 2-; (Methyl ethyl ketone; MEK)**	**78-93-3**	200	**200**	**2700**	**4000**	ppm
275	**Methyl vinyl ketone; (3-Buten-2-one)**	**78-94-4**	0.05	**0.17**	**1.2**	**2.4**	ppm
276	**Chloroacetone**	**78-95-5**	0.2	0.6	**4.4**	**13**	ppm
277	Lactonitrile	78-97-7	3.5	10	18	150	mg/m3
278	Dichloropropane, 1,1-	78-99-9	4	12.5	75	400	ppm
279	Trichloroethane, 1,1,2-	79-00-5	10	10	15	100	ppm
280	**Trichloroethylene**	**79-01-6**	10	**130**	**450**	**3800**	ppm
281	Propionyl chloride	79-03-8	0.075	0.2	1.5	7.5	ppm
282	**Chloroacetyl chloride**	**79-04-9**	0.04	**0.040**	**1.6**	**52**	ppm
283	Acrylamide	79-06-1	0.3	7.5	60	60	mg/m3
284	Bromoacetic acid	79-08-3	0.04	0.125	0.75	4	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
285	Propionic acid	79-09-4	10	10	15	350	ppm
286	**Acrylic acid**	**79-10-7**	1.5	**1.5**	**46**	**180**	ppm
287	**Chloroacetic acid; (Monochloroacetic acid)**	**79-11-8**	0.5	1.5	**6.6**	20	ppm
288	Glycolic acid	79-14-1	0.75	0.75	0.75	0.75	mg/m3
289	Thiosemicarbazide	79-19-6	0.075	0.2	1.5	4	mg/m3
290	Methyl acetate	79-20-9	200	250	500	3100	ppm
291	**Peracetic acid**	**79-21-0**	0.15	**0.52**	**1.60**	**15**	mg/m3
292	**Methyl chloroformate; (Methyl chlorocarbonate)**	**79-22-1**	0.2	0.3	**2.2**	**2.4**	ppm
293	Nitroethane	79-24-3	100	100	200	1000	ppm
294	Tetrabromoethane, 1,1,2,2-; (Acetylene tetrabromide)	79-27-6	0.1	6	8	8	ppm
295	Isobutyric acid	79-31-2	0.3	1	6	35	ppm
296	Tetrachloroethane, 1,1,2,2-	79-34-5	5	5	30	100	ppm
297	**Dichloroacetyl chloride**	**79-36-7**	0.0125	**0.040**	**1.60**	**52**	ppm
298	Oxalyl chlorine	79-37-8	1.5	5	40	200	ppm
299	**Chlorotrifluoroethylene**	**79-38-9**	5	**16**	**86**	**420**	ppm
300	Methacrylamide	79-39-0	0.015	0.04	0.3	200	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
301	**Methacrylic acid**	**79-41-4**	6.7	**6.7**	**61**	**220**	ppm
302	Dichloroacetic acid	79-43-6	0.5	10	75	200	ppm
303	Dimethyl carbamoyl chloride	79-44-7	0.005	0.015	4	100	ppm
304	Nitropropane, 2-	79-46-9	25	30	50	100	ppm
305	Phenaglycodol; (Ultran; 2-p-chlorophenyl-3-methyl-2,3-butanediol)	79-93-6	10	30	50	350	mg/m3
306	Bisphenol A	80-05-7	5	15	100	500	mg/m3
307	Diaminodiphenylsulfone; (4,4'-Sulfonyldianiline)	80-08-0	1	3	20	400	mg/m3
308	**Diphenyldichlorosilane**	**80-10-4**	0.3	**0.90**	**11**	**50**	ppm
309	Cumene hydroperoxide; (Isopropylbenzene hydroperoxide)	80-15-9	1	5	20	20	ppm
310	Toluenesulfonic acid, methyl ester, p-	80-48-8	0.75	2.5	15	150	mg/m3
311	Methyllactic acid ethyl ester, 2-; (Ethyl 2-hydroxyisobutyrate)	80-55-7	15	50	400	500	mg/m3
312	Trimethylbicyclo(3.1.1)-2-hept-2-ene, 2,6,6-; (alpha-Pinene)	80-56-8	0.00015	0.0005	0.0035	0.015	mg/m3
313	**Methyl methacrylate**	**80-62-6**	17	**17**	**120**	**570**	ppm
314	Methyl-2-chloroacrylate	80-63-7	0.05	0.15	1.01	7.5	ppm
315	Nitro-m-xylene, 2-; (1,3-Dimethyl-2-nitrobenzene)	81-20-9	10	30	200	500	mg/m3
316	Warfarin	81-81-2	0.1	0.3	20	100	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
317	Food Red 15; (FD&C Red No. 19)	81-88-9	0.4	1.25	7.5	50	mg/m3
318	Diphacinone; (Diphenadione)	82-66-6	0.15	0.5	0.9	500	mg/m3
319	Pentachloronitrobenzene	82-68-8	0.5	1.5	300	500	mg/m3
320	Acenaphthene	83-32-9	0.4	1.25	7.5	250	mg/m3
321	Dimethyl-3-nitrobenzene, 1,2-	83-41-0	10	30	50	250	mg/m3
322	Rotenone	83-79-4	5	15	25	125	mg/m3
323	Riboflavine	83-88-5	7.5	25	150	500	mg/m3
324	Anthraquinone	84-65-1	10	30	50	500	mg/m3
325	Diethyl phthalate; (Ethyl phthalate)	84-66-2	5	15	100	500	mg/m3
326	Dibutyl phthalate	84-74-2	5	15	500	500	mg/m3
327	Phenanthrene	85-01-8	0.4	1	7.5	300	mg/m3
328	Phthalic anhydride	85-44-9	12	12	40	60	mg/m3
329	Phthalic acid, benzyl butyl ester; (Benzyl butyl phthalate)	85-68-7	5	15	500	500	mg/m3
330	Diphenylnitrosamine	86-30-6	7.5	25	150	500	mg/m3
331	Azinphos methyl; (GuthionR)	86-50-0	0.2	0.6	0.7	10	mg/m3
332	Amino-1,3-naphthalenedisulfonic acid, 7-	86-65-7	3.5	10	75	400	mg/m3

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

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
333	Fluorene, 9H-	86-73-7	7.5	25	150	500	mg/m3
334	Carbazole	86-74-8	0.75	2.5	15	75	mg/m3
335	Naphthaleneacetamide, 1-	86-86-2	6	20	150	500	mg/m3
336	Naphthylthiourea, alpha-; (ANTU)	86-88-4	0.3	0.9	10	100	mg/m3
337	Xylidine, o-; (2,3-Xylidine)	87-59-2	0.5	10	10	50	ppm
338	Trichlorobenzene, 1,2,3-	87-61-6	6	15	125	500	mg/m3
339	Xylidine, 2,6-	87-62-7	6	20	125	350	mg/m3
340	Dichlorophenol, 2,6-	87-65-0	1.5	5	35	150	mg/m3
341	Pyrogallic acid	87-66-1	0.75	2.5	15	25	mg/m3
342	**Hexachlorobutadiene**	**87-68-3**	0.02	**1**	**3**	**10**	ppm
343	Tartaric acid	87-69-4	4	12.5	75	400	mg/m3
344	Pentachlorophenol	87-86-5	0.5	2.5	2.5	2.5	mg/m3
345	Trichloroisocyanuric acid	87-90-1	30	75	500	500	mg/m3
346	Diethyl tartrate	87-91-2	10	30	50	250	mg/m3
347	Trimethylaniline, 2,4,6-	88-05-1	0.125	0.4	2.9	40	mg/m3
348	Trichlorophenol, 2,4,6-	88-06-2	10	30	350	350	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
349	Vinyl-2-pyrrolidinone, 1-	88-12-0	0.05	5	40	75	ppm
350	Chlorobenzotrifluoride, 2-	88-16-4	6	20	125	500	mg/m3
351	Trifluoro-4-nitro-m-cresol, alpha,alpha,alpha-; (4-Nitro-3-(trifluoromethyl)phenol)	88-30-2	0.6	1.5	12.5	60	mg/m3
352	Di-tert-butylhydroquinone, 2,5-	88-58-4	12.5	40	250	400	mg/m3
353	Nitrotoluene, o-	88-72-2	5	6	10	200	ppm
354	Nitroaniline, 2-; (o-Nitroaniline)	88-74-4	6	20	125	500	mg/m3
355	Nitrophenol, 2-; (o-Nitrophenol)	88-75-5	1.25	4	30	150	mg/m3
356	Dinoseb; (2-sec-Butyl-4,6-dinitrophenol)	88-85-7	0.75	2.5	4.5	10	mg/m3
357	Picric acid	88-89-1	0.1	0.3	15	75	mg/m3
358	Phthaloyl dichloride; (Phthaloyl chloride)	88-95-9	0.1	0.3	2	10	ppm
359	Phthalic acid	88-99-3	0.02	0.06	0.5	500	mg/m3
360	Pyromellitic acid	89-05-4	1.25	3.5	25	125	mg/m3
361	Methyl-1-phenyl-2-pyrazolin-5-one, 3-	89-25-8	15	40	300	500	mg/m3
362	Benzenetetracarboxylic dianhydride, 1,2,4,5-	89-32-7	1.5	5	15	15	mg/m3
363	Chloro-2-nitrophenol, 4-	89-64-5	0.4	1.25	7.5	40	mg/m3
364	Methyl-2-(1-methylethyl)phenol, 5-; (Thymol)	89-83-8	0.075	0.25	1.5	400	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
365	Dihydroxybenzoic acid, 2,4-	89-86-1	1	3	20	350	mg/m3
366	Salicylaldehyde	90-02-8	0.6	1.5	12.5	200	mg/m3
367	Anisidine, o-	90-04-0	0.5	1.5	2.5	50	mg/m3
368	Bromonaphthalene	90-11-9	3.5	10	60	350	mg/m3
369	Methylnaphthalene, 1-	90-12-0	0.5	20	20	500	mg/m3
370	Chloronaphthalene, 1-; (alpha-Chloronaphthalene)	90-13-1	6	20	125	500	mg/m3
371	Naphthol, 1-	90-15-3	25	75	500	500	mg/m3
372	Phenylphenol, 2-	90-43-7	25	75	500	500	mg/m3
373	Hydroxyphenylacetic acid, alpha-	90-64-2	15	50	350	500	mg/m3
374	Tris(dimethylaminomethyl)phenol, 2,4,6-	90-72-2	5	15	100	500	mg/m3
375	Michler's ketone; (4,4'-bis(dimethylamino)benzophenone)	90-94-8	1	3.5	25	40	mg/m3
376	**Toluene-2,6-diisocyanate**	**91-08-7**	0.005	**0.020**	**0.083**	**0.51**	ppm
377	Dimethoxybenzene, o-	91-16-7	3.5	10	75	400	mg/m3
378	Decahydronaphthalene	91-17-8	0.5	1.5	10	75	ppm
379	Naphthalene	91-20-3	10	15	15	250	ppm
380	Quinoline	91-22-5	0.001	0.6	5	25	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
381	Methylnaphthalene, 2-	91-57-6	0.5	0.5	3.5	500	mg/m3
382	Chloronaphthalene, 2-; (beta-Chloronaphthalene)	91-58-7	0.2	0.6	1	500	mg/m3
383	Naphthylamine, beta-	91-59-8	1.5	5	35	300	mg/m3
384	Coumarin	91-64-5	0.025	0.075	0.6	125	mg/m3
385	Diethylaniline, N,N-	91-66-7	3	10	60	350	mg/m3
386	Dichlorobenzidene 3,3'-	91-94-1	0.2	0.6	4	200	ppm
387	Dicyclohexyl; (Cyclohexylcyclohexane)	92-51-3	7.5	25	150	500	mg/m3
388	**Diphenyl; (Biphenyl)**	**92-52-4**	0.2	1.25	**9.6**	15.9	ppm
389	Aminodiphenyl, p-	92-67-1	0.5	1.5	10	200	mg/m3
390	Biphenylol, 4-	92-69-3	10	35	60	60	mg/m3
391	Diphenyloxazole, 2,5-	92-71-7	3	7.5	60	300	mg/m3
392	Benzidene	92-87-5	0.15	0.5	3.5	125	mg/m3
393	Nitrobiphenyl, 4-; (p-Nitrobiphenyl)	92-93-3	0.25	0.75	5	500	mg/m3
394	Terphenyl; p-	92-94-4	0.4	1.25	9	500	mg/m3
395	Methyl benzoate; (Benzoic acid, methyl ester)	93-58-3	2	6	40	75	ppm
396	Trichlorophenoxy)propionic acid, 2-(2,4,5-; (Silvex)	93-72-1	10	30	200	250	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
397	Trichlorophenoxyacetic acid, 2,4,5-; (2,4,5-T)	93-76-5	10	30	50	250	mg/m3
398	Ethyl benzoate	93-89-0	7.5	25	150	500	mg/m3
399	Benzoyl peroxide	94-36-0	5	5	12.5	500	mg/m3
400	Safrol; (5-(2-Propenyl)-1,3-benzodioxole)	94-59-7	5	15	100	500	mg/m3
401	Dichlorophenoxyacetic acid, 2,4-; (2,4-D)	94-75-7	10	10	40	100	mg/m3
402	Ethyl-1,3-hexanediol, 2-; (Ethyl hexylene glycol)	94-96-2	12.5	40	300	750	ppm
403	Indene	95-13-6	5	7.5	60	300	ppm
404	Benzotriazole	95-14-7	0.025	0.075	0.5	250	mg/m3
405	Benzothiazole	95-16-9	5	15	100	150	mg/m3
406	Dimethyglyoxime; (Diacetyldioxime)	95-45-4	2	6	40	200	mg/m3
407	Xylene, o-	95-47-6	100	150	200	900	ppm
408	Methylphenol, 2-; (o-Cresol)	95-48-7	5	5	24.9	250	ppm
409	Chlorotoluene, 2-; (o-Chlorotoluene)	95-49-8	50	75	400	400	ppm
410	Dichlorobenzene, o-	95-50-1	25	50	50	200	ppm
411	Toluidine, o-	95-53-4	5	5	5	50	ppm
412	Phenylenediamine, 1,2-; (o-Phenylenediamine)	95-54-5	0.1	0.3	200	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
413	Aminophenol, 2-; (Aminophenol, o-)	95-55-6	0.5	1.5	10	500	mg/m3
414	Chlorophenol, o-	95-57-8	0.4	1.25	7.5	50	ppm
415	**Trimethylbenzene, 1,2,4-; (Pseudocumene)**	**95-63-6**	25	**140**	**360**	1500	ppm
416	Toluenediamine, 2,4-; (2,4-Diaminotoluene)	95-80-7	0.005	7.5	60	250	mg/m3
417	Diethyl oxalate	95-92-1	1.5	5	35	150	mg/m3
418	Tetramethylbenzene, 1,2,4,5-	95-93-2	30	100	500	500	mg/m3
419	Tetrachlorobenzene, 1,2,4,5-	95-94-3	10	30	50	500	mg/m3
420	Trichlorophenol, 2,4,5-	95-95-4	10	30	350	350	mg/m3
421	Styrene oxide; (1,2-Epoxyethylbenzene)	96-09-3	4	12.5	50	50	ppm
422	Chlorodiethylaluminum; (Diethylaluminum chloride)	96-10-6	8.94	26.82	200	500	mg/m3
423	Dibromo-3-chloropropane, 1,2-; (DBCP)	96-12-8	0.001	0.075	0.5	15	ppm
424	Methylpentane, 3-	96-14-0	500	510	510	2500	ppm
425	Trichloropropane, 1,2,3-	96-18-4	10	10	10	100	ppm
426	Pentanone, 3-; (Diethyl ketone)	96-22-0	200	300	300	750	ppm
427	Dichloro-2-propanol, 1,3-	96-23-1	6	15	50	50	ppm
428	Chloro-1,2-propanediol, 3-; (Chlorohydrin)	96-24-2	0.02	0.06	0.5	12.5	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
429	Butanone oxime; (Ethyl methyl ketoxime)	96-29-7	10	40	100	100	ppm
430	Bromo acetic acid, methyl ester	96-32-2	0.25	0.75	5	25	mg/m3
431	Methyl acrylate	96-33-3	2	2	7.5	150	ppm
432	Methylcyclopentane	96-37-7	4	12.5	75	4000	ppm
433	Ethylenethiourea; (2-Imidazolidinethione)	96-45-7	0.75	2.5	15	500	mg/m3
434	Methyltetrahydrofuran, 2-	96-47-9	6	15	125	600	ppm
435	Dihydro-2(3H)-furanone; (4-Butanolide)	96-48-0	2	6	40	500	mg/m3
436	Glycol carbonate; (Ethylene carbonate)	96-49-1	40	125	500	500	mg/m3
437	Methylpyrrole, N-	96-54-8	75	250	500	500	mg/m3
438	**Soman; (3,3-Dimethyl-2-butyl methylphosphonofluoridate; GD)**	**96-64-0**	0.00003	**0.00018**	**0.0022**	**0.017**	ppm
439	Bis(3-tert-butyl-4-hydroxy-6-methylphenyl) sulfide	96-69-5	15	30	300	500	mg/m3
440	Diisopropylaminoethanol, 2-; (N,N-Diisopropyl ethanolamine)	96-80-0	2.5	7.5	50	250	mg/m3
441	Chloro-2,4-dinitrobenzene, 1-	97-00-7	3	10	60	350	mg/m3
442	Dinitroaniline, 2,4-	97-02-9	0.035	0.1	0.75	12.5	mg/m3
443	Sulfosalicylic acid	97-05-2	10	30	200	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
444	Dichlorophene	97-23-4	6	15	125	500	mg/m3
445	Solvent Yellow 3	97-56-3	2	6	40	500	mg/m3
446	Ethyl methacrylate; (2-Methyl-2-propenoic acid, ethyl ester)	97-63-2	50	150	750	750	ppm
447	Isobutyric anhydride; (2-Methylpropionic anhydride)	97-72-3	0.1	0.3	2	10	ppm
448	Disulfiram	97-77-8	2	2	3	125	mg/m3
449	Tetramethyl-1,3-butanediamine, N,N,N',N'-; (Tetramethyl butanediamine)	97-84-7	2	6	40	200	mg/m3
450	Isobutyl isobutyrate	97-85-8	150	500	500	500	mg/m3
451	Methyl butylacrylate, 2-; (Butyl methacrylate)	97-88-1	2.5	7.5	50	500	mg/m3
452	Ethylene glycol dimethacrylate	97-90-5	12.5	40	300	500	mg/m3
453	Triethylaluminum	97-93-8	8.46	8.46	50	250	mg/m3
454	Chloroacetaldehyde dimethyl acetal	97-97-2	7.5	25	150	500	mg/m3
455	Furfuryl alcohol	98-00-0	15	15	15	75	ppm
456	**Furancarboxaldehyde, 2-; (Furfural)**	**98-01-1**	2	**2**	**10**	**100**	ppm
457	Benzenearsonic acid; (Phenylarsonic acid)	98-05-5	0.27	0.27	0.27	0.27	mg/m3
458	Butylbenzene, tert-	98-06-6	7.5	20	150	750	ppm
459	Benzyl trichloride; (Trichloromethylbenzene)	98-07-7	0.35	1	7	25	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
460	Benzotrifluoride	98-08-8	6.41	15	125	500	mg/m3
461	Benzenesulfonic acid chloride; (Benzenesulfonyl chloride)	98-09-9	0.5	1.5	200	200	mg/m3
462	**Trichlorophenylsilane**	**98-13-5**	0.2	**0.60**	**7.3**	**33**	ppm
463	Trifluoromethyl)benzenamine, 3-(; (m-Aminobenzal fluoride)	98-16-8	0.75	2.5	4.4	150	mg/m3
464	Butylpyrocatechol, 4-tert-; (4-tert-Butylcatechol)	98-29-3	0.1	0.3	2	500	mg/m3
465	Butylcyclohexanone, p-tert-	98-53-3	20	60	400	500	mg/m3
466	Tert-butylphenol, p-; (Tert-butylphenol, 4-)	98-54-4	0.5	0.5	0.75	500	mg/m3
467	Toluenesulfonyl chloride, p-	98-59-9	2.5	7.5	50	250	mg/m3
468	Benzenesulfonic acid, 4-chloro	98-66-8	2	6	40	200	mg/m3
469	Hydroxybenezenesulfonic acid, 4-; (4-Hydroxyphenylsulfonic acid)	98-67-9	25	75	500	500	mg/m3
470	Tert-butyl benzoic acid, p-	98-73-7	2	6	50	200	mg/m3
471	Phenylboric acid; (Benzeneboronic acid)	98-80-6	3	7.5	60	300	mg/m3
472	**Cumene; (Isopropyl benzene)**	**98-82-8**	50	**50**	**300**	**730**	ppm
473	Methylstyrene, alpha-	98-83-9	50	100	100	700	ppm
474	Acetophenone	98-86-2	10	30	50	350	mg/m3
475	Benzal chloride	98-87-3	0.4	1.25	2.3	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
476	**Benzoyl chloride**	**98-88-4**	0.1	**0.3**	**5**	**20**	ppm
477	Nicotinamide	98-92-0	6	20	150	500	mg/m3
478	Nitrobenzene	98-95-3	1	3	19.9	200	ppm
479	Picolinic acid; (2-Pyridinecarboxylic acid)	98-98-6	10	35	150	150	mg/m3
480	Nitrotoluene, m-	99-08-1	5	6	50	200	ppm
481	Nitroaniline, 3-; (m-Nitroaniline)	99-09-2	0.6	1.5	12.5	200	mg/m3
482	Dibromo-4-nitrophenol, 2,6-	99-28-5	0.04	0.1	0.75	4	ppm
483	Dichloran; (2,6-Dichloro-4-nitroaniline; Resisan)	99-30-9	0.004	0.0125	0.075	500	mg/m3
484	Trinitrobenzene, 1,3,5-	99-35-4	10	30	50	125	mg/m3
485	Methyl-5-nitroaniline, 2-; (5-Nitro-o-toluidine; Benzenamine, 2-methyl-5-nitro-)	99-55-8	1	3	150	250	mg/m3
486	Diisopropylbenzene, 1,3-	99-62-7	150	500	500	500	mg/m3
487	Dinitrobenzene, m-	99-65-0	1	3	5	50	mg/m3
488	Isopropyltoluene, 4-; (p-Cymene)	99-87-6	75	250	500	500	mg/m3
489	Hydroxybenzoic acid, 4-; (p-Salicylic acvid)	99-96-7	20	60	400	500	mg/m3
490	Dimethyl-p-phenylenediamine, N,N-	99-98-9	0.025	0.075	0.13	1	mg/m3
491	Nitrotoluene, p-	99-99-0	5	6	10	200	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
492	Chloronitrobenzene, p- ; (p-Nitrochlorobenzene)	100-00-5	1	1.92	100	100	mg/m3
493	Nitroaniline, p-	100-01-6	6	9	300	300	mg/m3
494	Nitrophenol, 4-; (p-Nitrophenol)	100-02-7	0.75	2.5	15	75	mg/m3
495	Dimethylamino)benzaldehyde, p-(	100-10-7	7.5	25	150	250	mg/m3
496	Benzene, 1-(chloromethyl)-4-nitro-; (p-Nitrobenzyl chloride)	100-14-1	5	15	28	125	mg/m3
497	Bis(1-methylethyl)benzene, 1,4-; (p- or 1,4-Diisopropylbenzene)	100-18-5	12.5	40	300	500	mg/m3
498	Terephthaloyl chloride	100-20-9	0.75	2.5	20	500	mg/m3
499	Terephthalic acid	100-21-0	10	125	500	500	mg/m3
500	Dinitrobenzene, p-	100-25-4	1	3	5	50	mg/m3
501	Diethylethanolamine, N,N-; (Diethylaminoethanol)	100-37-8	10	10	20	100	ppm
502	Bromotoluene, A-; (Benzyl bromide)	100-39-0	0.6	1.5	12.5	60	mg/m3
503	Vinylcyclohexene, 4-; (Cyclohexenylethylene)	100-40-3	0.1	0.3	3500	3500	ppm
504	Ethyl benzene	100-41-4	100	125	125	800	ppm
505	**Styrene**	**100-42-5**	20	**20**	**130**	**1100**	ppm
506	**Benzyl chloride**	**100-44-7**	1	**1**	**10**	**50**	ppm
507	Benzylamine	100-46-9	2.5	7.5	50	250	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
508	**Benzonitrile**	**100-47-0**	1	3	**22**	**56**	ppm
509	Benzyl alcohol	100-51-6	10	60	150	150	ppm
510	Benzaldehyde	100-52-7	2	4	4	150	ppm
511	Phenylmagnesium bromide	100-58-3	1.5	5	35	150	mg/m3
512	Methylaniline, N-	100-61-8	2	2	2.5	100	ppm
513	Phenylhydrazine	100-63-0	0.1	0.3	2	15	ppm
514	Anisole; (Anisole anhydrous; Methoxybenzene)	100-66-3	4	12.5	75	400	mg/m3
515	Dimethyl-1,3-dioxolane-4-methanol, 2,2-	100-79-8	5	15	100	500	ppm
516	Benzyltrimethylammonium hydroxide; (Triton b)	100-85-6	0.1	0.35	2.5	12.5	mg/m3
517	Hexamethylenetetraamine; (Methenamine)	100-97-0	10	30	500	500	mg/m3
518	Triisobutylaluminum	100-99-2	14.7	44.1	500	500	mg/m3
519	Triphenyl phosphite	101-02-0	7.5	25	150	200	mg/m3
520	Methylene bis(2-chloroaniline), 4,4'-; (MBOCA)	101-14-4	0.01	0.03	0.6	40	ppm
521	Bromophenyl phenyl ether, 4-	101-55-3	2	6	40	200	mg/m3
522	**Methylene diphenyl diisocyanate; (Diphenylmethane diisocyanate; MDI)**	**101-68-8**	0.05	**0.2**	**2**	**25**	mg/m3
523	Methylenedianiline, 4,4'-	101-77-9	0.01	0.1	0.6	15	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
524	Diaminodiphenyl ether, 4,4'-; (4,4'-Oxydianiline)	101-80-4	0.5	1.5	10	300	mg/m3
525	Diphenylmethane	101-81-5	7.5	25	200	500	mg/m3
526	Phenyl ether; (Diphenyl ether)	101-84-8	1	2	20	100	ppm
527	Diphenylguanidine, 1,3-	102-06-7	0.2	0.6	4	125	mg/m3
528	Trimethoxyboroxine	102-24-9	20	60	400	500	mg/m3
529	Isocyanic acid, 3,4-dichlorophenyl ester; (3,4-Dichlorophenyl isocyanate)	102-36-3	2.5	7.5	14	500	mg/m3
530	Tetramethoxypropane, 1,1,3,3-; (Malonaldehyde bis(dimethyl acetal))	102-52-3	7.5	25	150	500	mg/m3
531	Ethylenedinitrilo)tetra-2-propanol, 1,1',1",1'"-(	102-60-3	15	50	350	500	mg/m3
532	Tripropylamine	102-69-2	3.5	10	75	350	ppm
533	Triethanolamine; (Trihydroxytriethylamine)	102-71-6	5	5	20	500	mg/m3
534	Triacetin; (Triacetyl glycerin)	102-76-1	12.5	35	250	500	mg/m3
535	Tri-n-butylamine	102-82-9	0.02	0.06	0.4	7.5	ppm
536	Tridodecylamine; (Alamine 304; N,N-didodecyl-1-dodecanamine)	102-87-4	7.5	25	150	500	mg/m3
537	Ethylhexyl acrolate, 2-; (Acrylic acid, 2-ethylhexyl ester)	103-11-7	0.5	1.5	10	10	ppm
538	Di-2-ethylhexyl adipate	103-23-1	50	150	500	500	mg/m3
539	Ethanediyl)bisbenzene, 1,1'-(1,2-; (Bibenzyl)	103-29-7	15	50	400	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
540	Propylbenzene, n-; (Isocumene)	103-65-1	30	75	600	3000	ppm
541	Phenyl isocyanate.	103-71-9	0.3	0.75	2	2	mg/m3
542	Benzyldimethylamine; (Dimethylbenzylamine, N,N-; BDMA)	103-83-3	1	3	20	200	mg/m3
543	Acetanilide	103-84-4	0.4	1	7.5	50	mg/m3
544	Phenylthiourea; (1-phenyl-2-thiourea)	103-85-5	3	3	3	3	mg/m3
545	Nonyl phenol, p-	104-40-5	6	20	125	500	mg/m3
546	Phenylene diisocyanate, 1,4-	104-49-4	3.5	10	35	35	mg/m3
547	Butylbenzene, n-; (1-Phenylbutane)	104-51-8	7.5	20	150	750	ppm
548	Cinnamaldehyde	104-55-2	1.25	4	30	500	mg/m3
549	Ethanediylbis(oxy))bisbenzene, 1,1'-(1,2-	104-66-5	10	30	50	250	mg/m3
550	**Ethyl-1-hexanol, 2-**	**104-76-7**	0.1	**0.1**	**120**	**227**	ppm
551	Diethylaminopropylamine	104-78-9	2	6	50	250	mg/m3
552	Nitrosophenol, p-	104-91-6	2	6	40	200	mg/m3
553	Anisidine, p-	104-94-9	0.5	1.5	2.5	50	mg/m3
554	Cyclohexanedimethanol, cis and trans, 1,4-	105-08-8	12.5	40	250	500	mg/m3
555	Methoxybenzyl alcohol, 4-	105-13-5	7.5	25	200	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
556	Methylpentanol-1, 2-; (Amyl methyl alcohol)	105-30-6	0.25	0.75	5	150	ppm
557	Ethyl bromoacetate	105-36-2	0.00075	0.0025	0.02	0.1	ppm
558	Ethyl propionate	105-37-3	7.5	25	150	750	ppm
559	Ethyl chloroacetate	105-39-5	0.15	0.4	3	15	ppm
560	Butyl acetate, sec-	105-46-4	200	200	350	1700	ppm
561	Diethyl malonate; (Ethyl malonate)	105-53-3	10	30	200	1000	ppm
562	Diethylthiourea, N,N'-	105-55-5	0.6	1.5	12.5	125	mg/m3
563	Diethyl carbonate	105-58-8	3	7.5	60	300	ppm
564	Caprolactam (dust)	105-60-2	1	3	3	20	mg/m3
565	Diisopropyl peroxydicarbonate	105-64-6	7.5	25	150	500	mg/m3
566	Dimethylphenol, 2,4-; (2,4-Xylenol)	105-67-9	0.3	1	6	500	mg/m3
567	Dilauroyl peroxide	105-74-8	0.003	0.01	0.06	0.35	mg/m3
568	Quinhydrone	106-34-3	0.3	0.75	6	30	mg/m3
569	Ethyl butyl ketone; (3-Heptanone)	106-35-4	50	75	200	1000	ppm
570	Bromochlorobenzene, p-	106-39-8	10	30	50	250	mg/m3
571	Xylene, p-	106-42-3	100	150	200	900	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
572	Chlorotoluene, 4-; (p-Tolyl chloride)	106-43-4	25	75	500	2500	ppm
573	Methylphenol, 4-; (p-Cresol)	106-44-5	5	5	24.9	250	ppm
574	Thiocresol, p-; (p-Toluenethiol)	106-45-6	0.75	2.5	15	75	mg/m3
575	Dichlorobenzene, p-	106-46-7	10	10	30	150	ppm
576	Chloroaniline, p-	106-47-8	0.5	1.5	10	300	mg/m3
577	Chlorophenol, 4-; (p-Chlorophenol)	106-48-9	250	400	400	400	mg/m3
578	Toluidine, p-; (4-Methylbenzenamine)	106-49-0	2	15	125	150	mg/m3
579	Phenylenediamine, p-	106-50-3	0.1	0.6	4	25	mg/m3
580	Benzoquinone, p-; (Quinone)	106-51-4	0.1	0.3	0.5	22.6	ppm
581	Butanedioic acid, dimethyl ester; (Succinic acid, dimethyl ester)	106-65-0	3.5	10	75	350	ppm
582	Ethyl amyl ketone; (5-Methyl-3-heptanone; 3-Octanone)	106-68-3	25	25	25	100	ppm
583	Epoxyethyl)-7-oxabicyclo(4.1.0)heptane, 3-(; (Vinyl cyclohexene dioxide)	106-87-6	0.1	0.35	2.5	75	ppm
584	Epoxybutane, 1,2- ; (1,2-Butylene oxide)	106-88-7	2	75	200	200	ppm
585	**Epichlorohydrin**	**106-89-8**	0.5	**5.7**	**24**	**72**	ppm
586	Glycidyl acrylate; (2,3-Epoxypropyl acrylate)	106-90-1	0.125	0.4	2.5	12.5	ppm
587	**Ethylene dibromide; (Dibromoethane)**	**106-93-4**	17	**17**	**24**	**46**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
588	Bromopropane, 1-	106-94-5	10	30	2500	2500	ppm
589	Allyl Bromide; (3-Bromopropene)	106-95-6	4	12.5	75	400	ppm
590	Propargyl bromide	106-96-7	0.03	0.03	0.03	20	mg/m3
591	**Butane**	**106-97-8**	1000	**5500**	**17000**	**53000**	ppm
592	Butene, 1-; (Butylene)	106-98-9	250	750	50000	75000	ppm
593	**Butadiene,1,3-**	**106-99-0**	1	**670**	**5300**	**22000**	ppm
594	Butene, 2-	107-01-7	250	750	1250	60000	ppm
595	**Acrolein**	**107-02-8**	0.03	**0.030**	**0.10**	**1.4**	ppm
596	Propanethiol	107-03-9	0.025	0.075	0.5	750	ppm
597	**Allyl chloride**	**107-05-1**	1	**2.8**	**54**	**140**	ppm
598	**Ethylene dichloride; (1,2-Dichloroethane)**	**107-06-2**	50	**50**	**200**	**300**	ppm
599	**Ethylene chlorohydrin; (2-Chloroethanol)**	**107-07-3**	1	1	**4.0**	**12**	ppm
600	Propanamine, 1-; (Propylamine)	107-10-8	15	50	250	250	ppm
601	**Allylamine**	**107-11-9**	0.125	**0.42**	**3.3**	**18**	ppm
602	**Propionitrile; (Propiononitrile)**	**107-12-0**	6	6	**7.0**	**37**	ppm
603	**Acrylonitrile**	**107-13-1**	2	**10**	**35**	**75**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
604	**Chloroacetonitrile**	**107-14-2**	1.5	4	**32**	**67**	ppm
605	**Ethylenediamine, 1,2-**	**107-15-3**	9.7	9.7	**9.7**	**20**	ppm
606	Formaldehyde cyanohydrin; (Hydroxyacetonitrile; Glycolonitrile)	107-16-4	0.125	0.35	2.57	4	ppm
607	**Allyl alcohol**	**107-18-6**	2	**2.1**	**4.2**	**20**	ppm
608	**Propargyl alcohol**	**107-19-7**	1	**2.5**	**16**	**74**	ppm
609	**Chloroacetaldehyde**	**107-20-0**	0.4	**1.3**	**2.2**	**9.9**	ppm
610	Ethylene glycol	107-21-1	10	10	40	60	ppm
611	Glyoxal	107-22-2	0.1	35	75	75	mg/m3
612	Ethyl mercury chloride; (Chloroethyl mercury)	107-27-7	0.0132	0.0396	0.0529	2.64	mg/m3
613	**Chloromethyl methyl ether**	**107-30-2**	0.075	0.25	**0.47**	**2.0**	ppm
614	Methyl formate; (Formic acid, methyl ester)	107-31-3	100	150	750	4500	ppm
615	**Allyltrichlorosilane**	**107-37-9**	0.2	**0.60**	**7.3**	**33**	ppm
616	Trimethyl-1-pentene, 2,4,4-; (Diisobutylene)	107-39-1	75	225	375	1500	ppm
617	Hexylene glycol	107-41-5	10	10	25	350	ppm
618	Betaine, anhydrous; (Glycine betaine)	107-43-7	40	125	500	500	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
619	**Isopropyl methanefluoro-phosphonate; (Sarin; GB)**	**107-44-8**	0.00015	**0.00048**	**0.0060**	**0.022**	ppm
620	Hexamethyldisiloxane	107-46-0	40	125	300	300	ppm
621	Tetraethyl pyrophosphate; (TEPP)	107-49-3	0.05	0.15	1	5	mg/m3
622	Dibutyl phosphate	107-66-4	1	2	5	30	ppm
623	**Amyltrichlorosilane; (Pentyltrichlorosilane)**	**107-72-2**	0.2	**0.60**	**7.3**	**33**	ppm
624	Bromo-3-methylbutane, 1-	107-82-4	4	12.5	75	400	ppm
625	Methylpentane, 2-; (Isohexane)	107-83-5	500	510	510	2500	ppm
626	Pentanone, 2-; (Methyl propyl ketone)	107-87-9	150	150	150	1500	ppm
627	Butanediol, 1,3-	107-88-0	25	75	500	500	mg/m3
628	Cyanoacetamide	107-91-5	6	20	150	500	mg/m3
629	Butyric acid	107-92-6	15	40	250	250	ppm
630	Mercaptopropionic acid, 3-	107-96-0	0.25	0.75	6	40	mg/m3
631	Propylene glycol monomethyl ether; (Ucar Triol HG-170)	107-98-2	100	150	300	750	ppm
632	Dimethylaminoethanol, 2-	108-01-0	12.5	35	150	150	ppm
633	Nitropropane, 1-	108-03-2	25	25	25	1000	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
634	**Vinyl acetate**	**108-05-4**	6.7	**6.7**	**180**	**610**	ppm
635	Methyl isobutyl ketone; (Hexone)	108-10-1	75	75	75	500	ppm
636	Diisopropylamine	108-18-9	5	6	40	200	ppm
637	Isopropyl ether; (Diisopropyl ether)	108-20-3	310	310	310	1400	ppm
638	Isopropyl acetate	108-21-4	200	200	200	1800	ppm
639	**Isopropyl chloroformate; (Isopropyl chlorocarbonate)**	**108-23-6**	0.15	0.4	**3.3**	**10**	ppm
640	**Acetic Anhydride**	**108-24-7**	0.5	**0.5**	**15**	**100**	ppm
641	Succinic anhydride	108-30-5	0.75	2	15	500	mg/m3
642	**Maleic anhydride**	**108-31-6**	0.2	**0.2**	**2**	**20**	ppm
643	Propylene carbonate, 1,2-	108-32-7	0.125	0.35	2.5	12.5	mg/m3
644	Bromochlorobenzene, m-	108-37-2	10	30	50	250	mg/m3
645	Xylene, m-	108-38-3	100	150	200	900	ppm
646	Methylphenol, 3-; (m-Cresol)	108-39-4	5	5	24.9	250	ppm
647	Toluenethiol, m-	108-40-7	0.2	0.6	4	20	mg/m3
648	Chlorophenol, m-	108-43-0	0.3	0.75	6	250	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
649	Toluidine, m-; (3-Methylaniline)	108-44-1	2	7.5	40	40	ppm
650	Phenylenediamine, 1,3-; (m-Phenylenediamine)	108-45-2	0.1	0.3	10	125	mg/m3
651	Resorcinol	108-46-3	10	20	20	20	ppm
652	Dimethylpyridine, 2,4-; (2,4-Lutidine)	108-47-4	0.2	0.6	4	20	ppm
653	Lutidine, 2,6-; (2,6-Dimethylpyridine)	108-48-5	75	200	1500	7500	ppm
654	Divinylbenzene, m-; (m-Vinylstyrene)	108-57-6	10	10	75	350	ppm
655	Dichloroisopropyl ether	108-60-1	3.5	10	75	350	ppm
656	Propylene glycol monomethyl ether acetate; (1-Methoxypropyl-2-acetate)	108-65-6	50	150	250	600	ppm
657	**Mesitylene; (1,3,5-Trimethylbenzene)**	**108-67-8**	25	**140**	**360**	500	ppm
658	Trimethylpyridine, 2,4,6-	108-75-8	1.5	5	35	150	ppm
659	Melamine	108-78-1	10	10	10	350	mg/m3
660	Cyanuric acid; (1,3,5-Triazine-2,4,6-triol)	108-80-5	10	10	25	500	mg/m3
661	Diisobutyl ketone	108-83-8	50	50	50	500	ppm
662	Bromobenzene; (Phenyl bromide)	108-86-1	0.75	2.5	20	350	ppm
663	Methylcyclohexane	108-87-2	500	1200	1200	1200	ppm
664	**Toluene**	**108-88-3**	20	**200**	**1200**	**4500**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
665	**Chlorobenzene; (Benzene chloride)**	**108-90-7**	10	**10**	**150**	**400**	ppm
666	**Cyclohexylamine**	**108-91-8**	1.8	**1.8**	**8.6**	**30**	ppm
667	Cyclohexanol	108-93-0	50	50	50	400	ppm
668	Cyclohexanone; (Ketohexamethylene)	108-94-1	50	50	50	700	ppm
669	**Phenol**	**108-95-2**	5	**15**	**23**	**200**	ppm
670	**Benzenethiol; (Thiophenol; Phenyl mercaptan)**	**108-98-5**	0.1	0.1	**0.53**	**1.6**	ppm
671	Methyl pyridine, 3-; (3-Picoline)	108-99-6	2	5	125	600	ppm
672	Methylmorpholine, 4-	109-02-4	2	6	40	200	ppm
673	Methylpyridine, 2-; (2-Picoline)	109-06-8	2	5	5	300	ppm
674	Methacrylic acid, diester with triethylene glycol; (Polyester TGM3)	109-16-0	10	30	50	500	mg/m3
675	Butanoic acid, butyl ester; (n-Butyl n-butanoate)	109-21-7	1.5	5	35	150	ppm
676	Valeric acid	109-52-4	30	75	500	500	mg/m3
677	Dimethyl-1,3-propanediamine, N,N-; (1-Amino-3-dimethylaminopropane)	109-55-7	2.5	7.5	50	200	ppm
678	Propyl acetate, n-	109-60-4	200	250	1000	1700	ppm
679	**Propyl chloroformate; (Propyl chlorocarbonate)**	**109-61-5**	0.75	2	**3.7**	**11**	ppm
680	Boron trifluoride etherate	109-63-7	9.34	25	150	500	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
681	Dibromopropane, 1,3-	109-64-8	2	6	40	200	mg/m3
682	Butyl bromide, n-; (1-Bromobutane)	109-65-9	15	50	350	1500	ppm
683	Pentane, n-	109-66-0	610	610	610	1500	ppm
684	Pentene, 1-	109-67-1	300	750	6000	75000	ppm
685	Chlorobutane, 1-; (Butyl chloride)	109-69-3	7.5	25	150	750	ppm
686	Butyl lithium	109-72-8	0.231	0.231	1.25	6	mg/m3
687	Butylamine, n-	109-73-9	2.5	7.5	50	300	ppm
688	Butanenitrile; (Butyronitrile)	109-74-0	8	24	40	50	ppm
689	Propanediamine, 1,3-	109-76-2	0.2	0.6	4	40	ppm
690	**Propanedinitrile; (Malononitrile)**	**109-77-3**	3	3	**4.9**	**10**	ppm
691	Butanethiol; (n-Butyl mercaptan)	109-79-5	0.5	7.5	50	500	ppm
692	Methylamino)ethanol, 2-(	109-83-1	3	10	60	350	ppm
693	Methoxyethylamine, 2-	109-85-3	0.5	1.5	10	50	ppm
694	Ethylene glycol monomethyl ether; (2-Methoxyethanol; EGME; Methyl Cellosolve(R))	109-86-4	0.1	0.35	2.5	200	ppm
695	Methylal; (Dimethoxymethane)	109-87-5	1000	2200	2200	2200	ppm
696	Diethylamine	109-89-7	15	15	75	200	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
697	Vinyl ethyl ether; (Ethoxy ethene)	109-92-2	15	50	350	1500	ppm
698	Ethyl formate	109-94-4	100	300	500	1500	ppm
699	Ethyl nitrite	109-95-5	0.6	2	12.5	60	ppm
700	Pyrrole; (Imidole)	109-97-7	0.035	0.1	0.75	4	ppm
701	**Tetrahydrofuran**	**109-99-9**	50	**100**	**500**	**5000**	ppm
702	**Furan**	**110-00-9**	1.25	4	**6.8**	**19**	ppm
703	Dibutyl peroxide, tert-	110-05-4	1.25	4	25	400	ppm
704	Methyl-2-hexanone, 5-; (Methyl isoamyl ketone)	110-12-3	100	150	1500	1500	ppm
705	Succinic acid	110-15-6	7.5	25	200	500	mg/m3
706	Maleic acid	110-16-7	3	7.5	60	300	mg/m3
707	Fumaric acid	110-17-8	40	100	500	500	mg/m3
708	Tetramethyl ethylene diamine	110-18-9	10	30	125	125	ppm
709	Isobutyl acetate	110-19-0	150	150	250	1300	ppm
710	Diacetyl peroxide; (Acetyl peroxide)	110-22-5	7.5	20	150	500	mg/m3
711	Methylenebisacrylamide, N,N'-	110-26-9	1.5	5	35	150	mg/m3
712	Myristic acid, isopropyl ester; (Tetradecanoic acid, isopropyl; Isopropyl myristate)	110-27-0	200	500	500	500	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
713	Myristic acid, butyl ester; (Tetradecanoic acid, butyl ester)	110-36-1	3	7.5	60	300	ppm
714	Methyl n-amyl ketone	110-43-0	100	100	125	800	ppm
715	Isoamyl nitrite; (Isopentyl nitrite)	110-46-3	3	7.5	60	300	ppm
716	Ethylene glycol monomethyl ether acetate; (EGMEA; 2-Methoxyethyl acetate)	110-49-6	0.1	0.3	20	200	ppm
717	**Hexane**	**110-54-3**	50	400	**3300**	**8600**	ppm
718	Trans-1,4-dichlorobutene; (2-Butylene dichloride)	110-57-6	0.04	0.125	0.861	7.5	ppm
719	Amylamine, n-; (1-Pentylamine)	110-58-7	0.3	0.75	6	30	mg/m3
720	Pentanenitrile	110-59-8	1.5	4	25	25	ppm
721	Butanediol, 1,4-; (1,4-Tetramethylene glycol)	110-63-4	1.25	3.5	25	250	mg/m3
722	Dihydroxy-2-butene, 1,4-; (2-Butene-1,4-diol)	110-64-5	1.5	4	30	150	ppm
723	Butyne-1,4-diol, 2-; (1,4-Butynediol)	110-65-6	0.35	1	20	30	mg/m3
724	Methylbutylamine, N-	110-68-9	2	6	40	200	ppm
725	Dimethoxyethane, 1,2-	110-71-4	3.5	10	75	1000	ppm
726	Chloroethyl vinyl ether, 2-; (Ethene, 2-chloroethoxy-)	110-75-8	0.25	0.75	5	25	ppm
727	Ethoxyethanol, 2-	110-80-5	5	15	500	500	ppm
728	Cyclohexane	110-82-7	300	300	500	1300	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
729	Cyclohexene	110-83-8	300	300	500	2000	ppm
730	Piperazine	110-85-0	2	6	40	500	mg/m3
731	Pyridine	110-86-1	5	15	200	1000	ppm
732	Dihydro-2H-pyran, 3,4-	110-87-2	0.4	1.25	7.5	40	ppm
733	**Piperidine**	**110-89-4**	1	**6.6**	**33**	**110**	ppm
734	Morpholine	110-91-8	20	30	30	1400	ppm
735	Diisobutylamine	110-96-3	0.2	0.6	4	20	ppm
736	Oxydiacetic acid; (Oxodiacetic acid)	110-99-6	2	6	40	200	mg/m3
737	Hexamethyltetracosane, 2,6,10,15,19,23-; (Squalane)	111-01-3	5	15	100	500	ppm
738	Squalene; (2,6,10,15,19,23-Hexamethyl-2,6,10,14,18,22-tetracosahexene, (all-E)-)	111-02-4	20	60	400	500	mg/m3
739	Octanone, 2-	111-13-7	60	200	200	500	mg/m3
740	Heptanoic acid	111-14-8	5	15	100	600	ppm
741	Ethoxyethylacetate, 2-	111-15-9	5	75	500	500	ppm
742	Bromohexane; (n-Hexyl bromide)	111-25-1	40	125	750	4000	ppm
743	Hexanol, n-; (n-Hexyl alcohol)	111-27-3	0.75	2	15	75	ppm
744	Pentanediol, 1,5-	111-29-5	7.5	25	150	500	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
745	**Gluteraldehyde**	**111-30-8**	0.05	**0.2**	**1**	**5**	ppm
746	Hexanethiol, 1-; (N-Hexylmercaptan)	111-31-9	0.025	0.075	0.5	100	ppm
747	**Butyl isocyanate, n-**	**111-36-4**	0.0035	**0.01**	**0.05**	**1**	ppm
748	Diethylenetriamine	111-40-0	1	1	1.25	100	ppm
749	Aminoethylethanolamine	111-41-1	12.5	35	250	500	mg/m3
750	Diethanolamine	111-42-2	2	150	300	300	mg/m3
751	Dichloroethyl ether; (1,1'-Oxybis(2-chloro)ethane)	111-44-4	5	10	25.7	100	ppm
752	Diethylene glycol	111-46-6	2.31	40	200	200	ppm
753	Thiodiglycol	111-48-8	25	75	500	500	mg/m3
754	Hexamethyleneimine	111-49-9	15	40	300	500	mg/m3
755	Ethylene glycol diacetate	111-55-7	25	75	500	500	mg/m3
756	Caprylyl chloride; (Octanoyl chloride)	111-64-8	10	30	50	250	mg/m3
757	Octane, n-	111-65-9	300	300	385	1000	ppm
758	**Octene, 1-**	**111-66-0**	40	**40**	**800**	**2000**	ppm
759	Adiponitrile	111-69-3	2	3.85	3.85	150	ppm
760	Heptanol, 1-; (Heptyl alcohol)	111-70-6	3.5	10	500	500	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
761	Butoxyethanol, 2-; (Glycol ether EB)	111-76-2	50	50	100	700	ppm
762	Methoxyethoxy)ethanol, 2-(2-; (Diethylene glycol monomethyl ether)	111-77-3	0.35	0.35	0.35	0.35	ppm
763	Cyclooctadiene, 1,5-	111-78-4	100	300	2000	10000	ppm
764	Bromooctane , 1-; (Octyl bromide)	111-83-1	2.5	7.5	50	250	ppm
765	Nonane; (Shellsol 140)	111-84-2	200	600	1000	1250	ppm
766	Octanamine, 1-	111-86-4	0.4	1.25	7.5	40	mg/m3
767	Octyl alcohol; (n-octanol)	111-87-5	50	50	50	350	mg/m3
768	Octanethiol, 1-	111-88-6	0.025	0.075	0.5	150	ppm
769	Ethoxyethoxy)ethanol, 2-(2-; (Carbitol cellosolve; Diethylene glycol monoethyl ether)	111-90-0	25	30	200	400	ppm
770	Dichloromethoxy ethane; (bis(2-Chloroethoxy)methane)	111-91-1	0.6	2	6	6	ppm
771	Di-n-butylamine	111-92-2	0.25	0.75	5	50	ppm
772	Diethylene glycol dimethyl ether; (Bis(2-methoxy ethyl)ether)	111-96-6	5	15	25	400	ppm
773	Hexadecyltrimethylammonium chloride	112-02-7	2.5	7.5	50	250	mg/m3
774	**Octadecyltrichlorosilane**	**112-04-9**	0.2	**0.60**	**7.3**	**33**	ppm
775	Nonanoic acid	112-05-0	25	75	500	500	mg/m3
776	Butoxyethanol acetate, 2-; (Ethylene glycol monobutyl ether acetate)	112-07-2	20	60	100	150	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
777	Undecanone, 2-; (Methyl nonyl ketone)	112-12-9	0.2	0.6	4	300	ppm
778	Diglycol monoethyl ether acetate; (Carbitol acetate)	112-15-2	40	125	500	500	mg/m3
779	Triethylenetetramine	112-24-3	1	7.5	60	150	ppm
780	Bis(2-Chloroethoxy)ethane, 1,2-; (Triglycol dichloride)	112-26-5	1	3	20	100	mg/m3
781	Triethylene glycol	112-27-6	300	500	500	500	mg/m3
782	Bromodecane, 1-	112-29-8	1.5	5	35	150	ppm
783	Decyl alcohol; (1-Decanol)	112-30-1	4	12.5	75	500	mg/m3
784	Decanal	112-31-2	2.5	7.5	50	250	ppm
785	Butoxyethoxy)ethanol, 2-(2-; (Diethylene glycol monobutyl ether)	112-34-5	100	100	500	500	mg/m3
786	Triethylene glycol monomethyl ether	112-35-6	40	125	500	500	mg/m3
787	Bis(2-ethoxyethyl) ether; (Diethyl carbitol)	112-36-7	75	250	500	500	mg/m3
788	Dodecane	112-40-3	0.015	0.05	0.35	20	ppm
789	Tetraoxadodecane, 2,5,8,11-	112-49-2	1	3	20	100	ppm
790	Dodecyl alcohol	112-53-8	0.4	1	7.5	500	mg/m3
791	Dodecanethiol, 1-; (Dodecyl mercaptan; Lauryl mercaptan)	112-55-0	0.1	0.3	0.5	2.5	ppm
792	Butoxyethoxy)ethyl thiocyanate, 2-(2-	112-56-1	0.35	1	7.5	40	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
793	Tetraethylenepentamine	112-57-2	5	15	350	500	mg/m3
794	Diethylene glycol hexyl ether; (n-Hexyl carbitol)	112-59-4	7.5	25	150	500	mg/m3
795	Tetraethylene glycol	112-60-7	125	350	500	500	mg/m3
796	Bis(2-butoxyethyl) ether; (Dibutyl carbitol; Diethylene glycol dibutyl ether)	112-73-2	6	15	125	200	ppm
797	Octadecenoic acid, 9-; (Oleic acid)	112-80-1	0.015	0.05	0.4	500	mg/m3
798	Octadecanol, 1-	112-92-5	2.5	7.5	50	750	ppm
799	Sodium pyruvate; (Pyruvic acid, sodium salt)	113-24-6	10	30	50	250	mg/m3
800	Propoxur	114-26-1	0.5	1.5	20	20	mg/m3
801	Azaserine; (L-Serine, diazoacetate (ester))	115-02-6	0.0125	0.04	0.25	75	mg/m3
802	Propylene; (1-Propene)	115-07-1	500	1500	10000	20000	ppm
803	Methyl ether; (Dimethyl ether)	115-10-6	1000	3000	10000	60000	ppm
804	Methylpropene, 2-; (Isobutene)	115-11-7	250	750	1250	100000	ppm
805	Trichloroethanol, 2,2,2-	115-20-8	12.5	35	250	250	mg/m3
806	**Trichloroethylsilane; (Ethyl trichlorosilane)**	**115-21-9**	0.2	**0.60**	**7.3**	**33**	ppm
807	Octafluorocyclobutane; (Cyclooctafluorobutane; Freon C-318)	115-25-3	25000	65000	230000	300000	ppm
808	Dimefox; (bis(Dimethylamido)fluorophosphate))	115-26-4	0.2	0.6	1	1	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
809	Endosulfan	115-29-7	0.1	0.3	0.8	35	mg/m3
810	Bromophenol blue	115-39-9	10	30	50	250	mg/m3
811	Bromocresol purple	115-40-2	10	30	50	250	mg/m3
812	Pentaerythritol	115-77-5	15	30	50	500	mg/m3
813	Tributyl(2,4-dichlorobenzyl)phosphonium chloride	115-78-6	0.75	2	15	75	mg/m3
814	Triphenyl phosphate	115-86-6	3	9	500	500	mg/m3
815	Fensulfothion	115-90-2	0.01	0.03	2	12.5	mg/m3
816	Tris(2-chloroethyl) phosphate; (2-Chloroethanol phosphate)	115-96-8	7.5	20	150	500	mg/m3
817	Carbanolate; (Aldicarb; Methyl-2-(methylthio)propionaldehyde-o-(methylcarbamoyl)oxime, 2-)	116-06-3	0.07	0.21	0.3	100	mg/m3
818	Acetyl carbinol; (Acetol (1); 1-Hydroxy-2-propanone)	116-09-6	7.5	25	200	500	mg/m3
819	**Tetrafluoroethylene**	**116-14-3**	2	**220**	**550**	**3300**	ppm
820	**Hexafluoropropylene; (Hexafluoropropene)**	**116-15-4**	0.1	**40**	**91**	**480**	ppm
821	Hexachloroacetone	116-16-5	0.4	1.25	7.5	200	mg/m3
822	Dihydroxyanthraquinone, 1,8-	117-10-2	25	75	200	200	mg/m3
823	Aminoanthraquinone, 2-	117-79-3	7.5	25	150	500	mg/m3
824	Di-sec-octylphthalate	117-81-7	5	10	75	500	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
825	Dioctyl phthalate, n-	117-84-0	15	50	400	500	mg/m3
826	Salicylic acid, phenyl ester	118-55-8	4	12.5	75	500	mg/m3
827	Hexachlorobenzene	118-74-1	0.002	0.006	2	200	mg/m3
828	Anthranilic acid	118-92-3	4	12.5	100	500	mg/m3
829	Trinitrotoluene, 2,4,6-	118-96-7	1.5	7.5	60	500	mg/m3
830	Methyl salicylate	119-36-8	0.125	0.4	2.5	12.5	ppm
831	Isopropylmethylpyrazolyl dimethylcarbamate; (Isolan)	119-38-0	1	3.5	5.6	5.6	mg/m3
832	Benzophenone	119-61-9	0.5	1.5	350	500	mg/m3
833	Tetrahydronaphthalene, 1,2,3,4-; (Tetralin)	119-64-2	0.2	0.6	5	20	ppm
834	Nitrodiphenylamine, 2-	119-75-5	30	100	500	500	mg/m3
835	Dimethoxybenzidene 3,3'-; (o-Dianisidine)	119-90-4	1.25	4	25	500	mg/m3
836	Dimethylbenzidene 3,3'-; (o-Tolidine)	119-93-7	0.1	0.3	2	100	mg/m3
837	Anthracene	120-12-7	1.5	4	30	150	mg/m3
838	Veratraldehyde	120-14-9	7.5	25	150	500	mg/m3
839	Bis(2-hydroxyethyl)dodecanamide, N,N-	120-40-1	0.004	0.01	0.075	100	ppm
840	Ethyl-4-hydroxybenzoate; (p-Hydroxybenzoic acid ethyl ester)	120-47-8	250	500	500	500	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
841	Benzyl benzoate	120-51-4	12.5	35	250	500	mg/m3
842	Catechol	120-80-9	5	5	7.5	20	ppm
843	Trichlorobenzene, 1,2,4-	120-82-1	5	5	5	40	ppm
844	**Dichlorophenol, 2,4-**	**120-83-2**	0.2	**0.2**	**2**	**20**	ppm
845	Cyclopentanone	120-92-3	25	25	125	600	ppm
846	Methylpyrrolidine; (Methylpyrrolidine, 1-)	120-94-5	0.75	2	15	75	mg/m3
847	Dinitrotoluene, 2,4-	121-14-2	0.2	0.6	30	50	mg/m3
848	Vanilin	121-33-5	5	15	125	500	mg/m3
849	Trimethyl borate	121-43-7	6	15	125	600	ppm
850	Triethylamine	121-44-8	1	3	3	200	ppm
851	Trimethyl phosphite	121-45-9	2	60	500	750	ppm
852	Sulfanilic acid	121-57-3	50	150	500	500	mg/m3
853	Dimethylaniline, N,N-	121-69-7	5	10	10	100	ppm
854	Nitrochlorobenzene, m-; (1-Chloro-3-nitrobenzene; m-chloronitrobenzene)	121-73-3	0.06	0.2	1.25	150	mg/m3
855	Malathion	121-75-5	15	15	15	250	mg/m3
856	Cyclotrimethylenetrinitramine; (RDX or Cyclonite)	121-82-4	0.5	3	40	40	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
857	Isophthalic acid	121-91-5	10	30	50	500	mg/m3
858	Benzyldimethyloctadecylammonium chloride; (Dimethyloctadecylbenzylammonium chloride)	122-19-0	5	15	100	500	mg/m3
859	Diphenylamine	122-39-4	10	30	125	125	mg/m3
860	Triethyl phosphite	122-52-1	2	6	40	200	ppm
861	Dioctyl sebacate; (Bis(2-ethylhexyl) sebacate)	122-62-3	7.5	20	150	500	mg/m3
862	Diphenylhydrazine, 1,2-	122-66-7	0.2	0.6	4	125	mg/m3
863	Phenoxyethanol, 2-; (Phenyl cellosolve)	122-99-6	20	20	20	100	ppm
864	Hexadecylpyridinium chloride, 1-; (Cepacol chloride)	123-03-5	0.075	0.25	2	10	mg/m3
865	Methoxybenzaldehyde; (p-Anisaldehyde)	123-11-5	0.075	0.2	1.5	500	mg/m3
866	Dipropyl ketone; (4-Heptanone)	123-19-3	50	50	60	350	ppm
867	Butanedioic acid, diethyl ester; (Succinic acid, diethyl ester)	123-25-1	5	15	100	500	ppm
868	Hydroquinone	123-31-9	2	3	20	50	mg/m3
869	Maleic hydrazide; (3,6-Pyridazinedione,1,2-dihydro-)	123-33-1	0.6	2	12.5	500	mg/m3
870	**Propionaldehyde**	**123-38-6**	20	**45**	**260**	**840**	ppm
871	Methylformamide, N-	123-39-7	15	50	350	500	ppm
872	Hydroxy-4-methyl-2-pentanone, 4-; (Diacetone alcohol)	123-42-2	50	50	50	1800	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
873	Isoamyl alcohol (primary); (3-Methyl-1-butanol)	123-51-3	100	125	125	500	ppm
874	Pentanedione, 2,4-; (Acetylacetone)	123-54-6	15	50	100	100	ppm
875	Propionic anhydride	123-62-6	10	30	200	500	mg/m3
876	Paraldehyde	123-63-7	10	30	50	500	mg/m3
877	Butyraldehyde	123-72-8	0.02	0.06	0.4	12.5	ppm
878	**Crotonaldehyde, trans-**	**123-73-9**	0.06	**0.19**	**4.4**	**14**	ppm
879	Pyrrolidine	123-75-1	5	15	100	500	mg/m3
880	Azodicarbamide; (Azodicarbonamide)	123-77-3	40	125	200	200	mg/m3
881	**Butyl acetate, n-**	**123-86-4**	5	**5**	**200**	**3000**	ppm
882	**Dioxane, 1,4-**	**123-91-1**	17	**17**	**320**	**760**	ppm
883	Isoamyl acetate; (Isopentyl acetate)	123-92-2	100	100	200	1000	ppm
884	Octanol, 2-	123-96-6	12.5	35	250	350	mg/m3
885	Adipic acid	124-04-9	5	5	5	125	mg/m3
886	Octanoic acid; (Caprylic acid)	124-07-2	40	125	500	500	mg/m3
887	Nonene, 1-	124-11-8	0.5	1.5	10	50	ppm
888	Octanenitrile	124-12-9	1.5	4	30	150	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
889	Octanal, 1-; (Octanal; Octanaldehyde)	124-13-0	20	60	500	500	mg/m3
890	Decane	124-18-5	0.06	0.2	1.25	5000	ppm
891	Nonanal	124-19-6	2	6	40	500	mg/m3
892	Carbon dioxide	124-38-9	5000	30000	30000	40000	ppm
893	**Dimethylamine**	**124-40-3**	10	**10**	**66**	**250**	ppm
894	Sodium methylate	124-41-4	7.5	25	150	500	mg/m3
895	Urea peroxide; (Urea hydrogen peroxide)	124-43-6	1.5	5	35	150	mg/m3
896	Dibromochloromethane; (Chlorodibromomethane)	124-48-1	2	6	40	150	mg/m3
897	**Methanesulfonyl chloride**	**124-63-0**	0.1	0.3	**2.1**	**6.2**	ppm
898	Sodium cacodylate; (Sodium dimethylarsinate)	124-65-2	1.07	3.2	40	500	mg/m3
899	Isobutanol-2-amine	124-68-5	0.03	0.075	0.6	500	mg/m3
900	**Methylvinyldichlorosilane; (Dichloromethylvinylsilane)**	**124-70-9**	0.3	**0.90**	**11**	**50**	ppm
901	Dibromotetrafluoroethane; (Halon 2402)	124-73-2	150	500	3500	15000	ppm
902	Picrotoxin	124-87-8	3	7.5	15	15	mg/m3
903	Bromo-1-chloro-5,5-dimethylhydantoin, 3-; (Bromo-1-chloro-5,5-dimethyl-2,4-imidazolidinedione, 3-)	126-06-7	2.5	7.5	50	250	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
904	Sucrose, diacetate hexaisobutyrate; (Sucrose acetate isobutyrate; SAIB)	126-13-6	12.5	40	300	500	mg/m3
905	Bisbutenylenetetrahydrofurfural; (2,3,4,5-bis(2-butylene)tetrahydro-2-furaldehyde)	126-15-8	10	30	200	500	mg/m3
906	Propanediol, 2,2-dimethyl-, 1,3-	126-30-7	600	600	600	600	ppm
907	Tetramethylene sulfone; (Sulfolane; Tetrahydrothiophene-1,1-dioxide)	126-33-0	125	200	200	200	mg/m3
908	Dipentaerythritol; (Dipentek)	126-58-9	10	30	50	250	mg/m3
909	TrietHylphosphorothioate; (Tepto)	126-68-1	0.15	0.5	3.5	15	ppm
910	Tributyl phosphate	126-73-8	0.459	2	15	30	ppm
911	Tetramethyl-5-decyne-4,7-diol, 2,4,7,9-	126-86-3	10	30	50	250	mg/m3
912	**Methacrylonitrile; (Methylacrylonitrile)**	**126-98-7**	1	**1.0**	**13**	**25**	ppm
913	Chloroprene; (Neoprene)	126-99-8	1	1	1	300	ppm
914	Potassium acetate	127-08-2	12.5	40	250	500	mg/m3
915	Sodium acetate	127-09-3	15	40	300	500	mg/m3
916	**Perchloroethylene; (Tetrachloroethylene)**	**127-18-4**	25	**35**	**230**	**1200**	ppm
917	Dimethylacetamide, N,N-	127-19-5	10	75	300	300	ppm
918	Chloro-p-toluenesulfonamide, sodium salt, n-; (Chloramine T)	127-65-1	0.075	0.25	2	250	mg/m3
919	Nitrobenzenesulfonic acid, sodium salt, 3-	127-68-4	40	125	500	500	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
920	Zinc phenolsulfonate; (Zinc p-hydroxybenzenesulfonate)	127-82-2	0.6	2	15	500	mg/m3
921	Bromosuccinimide, N-	128-08-5	2	6	40	200	mg/m3
922	Bis(1,1-dimethylethyl)-4-methylphenol, 2,6-; (BHT (food grade); 2,6-Di-tert-butyl-p-cresol)	128-37-0	2	6	40	400	mg/m3
923	Pyrene	129-00-0	2.5	7.5	15	15	mg/m3
924	Warfarin sodium	129-06-6	1.5	5	9	9	mg/m3
925	Disodium 3,6-endoxohexahydrophthalate	129-67-9	1	3	20	20	mg/m3
926	Naphthoquinone, 1,4-	130-15-4	0.075	0.25	1.5	75	mg/m3
927	Alizarine Red S, Monohydrate; (Sodium alizarin-3-sulfonate)	130-22-3	0.6	1.5	12.5	60	mg/m3
928	Dimethylphthalate	131-11-3	5	15	75	500	mg/m3
929	Diallyl phthalate	131-17-9	1	1	300	300	mg/m3
930	Sodium pentachlorophenate	131-52-2	1	3.5	24	75	mg/m3
931	Ammonium picrate	131-74-8	10	30	50	250	mg/m3
932	Biphenylol, sodium salt, 2-;	132-27-4	2.5	7.5	60	300	mg/m3
933	Dibenzofuran	132-64-9	10	30	50	250	mg/m3
934	Captan	133-06-2	5	15	30	500	mg/m3
935	Chloramben; (3-Amino-2,5-dichlorobenzoic acid)	133-90-4	35	100	500	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
936	Hydroxyquinoline sulfate, 8-	134-31-6	5	15	100	500	mg/m3
937	Naphthalenamine, 1-; (1-Naphthylamine)	134-32-7	0.6	1.5	12.5	350	mg/m3
938	Diethylbenzene, o-	135-01-3	1.5	5	35	500	mg/m3
939	Naphthol, 2-	135-19-3	0.0025	0.0075	0.05	500	mg/m3
940	Cupferron; (Ammonium-n-nitrosophenylhydroxylamine)	135-20-6	7.5	25	75	75	mg/m3
941	Butylbenzene, sec-; (2-Phenylbutane)	135-98-8	1.5	5	35	150	ppm
942	Methyl 2-cyanoacrylate; (Permabond 910 adhesive)	137-05-3	0.2	4	12.5	12.5	ppm
943	Thiram; (Tetramethylthioperoxydicarbonic diamide)	137-26-8	5	5	5	100	mg/m3
944	Propionic acid, sodium salt	137-40-6	15	50	350	500	mg/m3
945	Nitrilotriacetic acid; (Aminotriacetic acid)	139-13-9	35	100	500	500	mg/m3
946	Ethylenediaminetetraacetic acid, disodium salt	139-33-3	60	150	500	500	mg/m3
947	Trisodium N-hydroxyethylethylenediaminetriacetate; (Trisodium N-(2-hydroxyethyl)ethylenediaminetriacetate)	139-89-9	4	12.5	75	400	mg/m3
948	Benzyl acetate	140-11-4	10	10	10	30	ppm
949	Benzyl cyanide; (Phenylacetonitrile)	140-29-4	0.2	0.6	4.3	30	mg/m3
950	Aminoethylpiperazine, N-	140-31-8	2.5	7.5	50	500	mg/m3
951	Methyl-5-vinylpyridine, 2-	140-76-1	0.35	1	1.9	40	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
952	Dinitrosopiperazine; (Piperazine, 1,4-dinitroso-)	140-79-4	0.5	1.5	10	60	mg/m3
953	**Ethyl acrylate**	**140-88-5**	5	**8.3**	**36**	**240**	ppm
954	**Butyl acrylate, n-**	**141-32-2**	2	**8.3**	**130**	**480**	ppm
955	Ethanolamine	141-43-5	3	6	30	30	ppm
956	Sodium ethoxide	141-52-6	1.5	5	35	150	mg/m3
957	Sodium formate	141-53-7	40	125	500	500	mg/m3
958	**Propyltrichlorosilane**	**141-57-1**	0.2	**0.60**	**7.3**	**33**	ppm
959	Dicrotophos	141-66-2	0.05	0.15	0.9	40	mg/m3
960	Ethyl acetate	141-78-6	400	400	400	2000	ppm
961	Methyl-3-penten-2-one, 4-; (Mesityl oxide)	141-79-7	25	25	25	1400	ppm
962	Malonic acid; (Carboxyacetic acid)	141-82-2	10	15	100	500	mg/m3
963	Diaminopyridine, 2,6-	141-86-6	0.4	1.25	7.5	40	mg/m3
964	Diethylbenzene, m-	141-93-5	40	125	500	500	mg/m3
965	Ethyl acetoacetate	141-97-9	15	50	350	500	mg/m3
966	Oxydiethylenedicarbonic acid, diallyl ester	142-22-3	3	10	60	125	mg/m3
967	Dichloropropane, 1,3-	142-28-9	5	15	100	350	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
968	Hexanoyl chloride	142-61-0	1.5	5	35	150	mg/m3
969	Hexanoic acid	142-62-1	5	15	100	500	mg/m3
970	Cupric acetate, anhydrous; (Copper acetate)	142-71-2	0.143	0.429	3.5	200	mg/m3
971	Iminodiacetic acid	142-73-4	1	3	20	100	mg/m3
972	Heptane	142-82-5	440	440	440	750	ppm
973	Dipropylamine	142-84-7	15	50	350	500	mg/m3
974	Dodecyl methacrylate	142-90-5	5	15	100	500	ppm
975	Butyl ether, n-; (Dibutyl ether)	142-96-1	1	3	20	400	ppm
976	Nonyl alcohol	143-08-8	25	75	500	500	mg/m3
977	Bromododecane, 1-	143-15-7	7.5	25	150	500	mg/m3
978	Hexadecanamine, 1-	143-27-1	0.125	0.35	2.5	75	mg/m3
979	Sodium cyanide	143-33-9	5	5	5	47.1	mg/m3
980	Kepone; (Chlordecone)	143-50-0	0.001	0.003	0.6	40	mg/m3
981	Sodium tetraphenyl borate	143-66-8	1.25	3.5	25	125	mg/m3
982	Fluoroacetic acid; (Fluoroethanoic acid)	144-49-0	0.075	0.25	0.47	2	mg/m3
983	Sodium bicarbonate	144-55-8	10	30	50	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
984	Oxalic acid, anhydrous; (Ethanedioic acid)	144-62-7	1	2	40	500	mg/m3
985	Mercaptobenzoic acid, o-	147-93-3	0.2	0.6	4	20	mg/m3
986	Sodium diethyldithiocarbamate; (Diethyldithiocarbamic acid, sodium salt)	148-18-5	2	6	250	500	mg/m3
987	Quinolinol, 8-	148-24-3	2.5	7.5	50	500	mg/m3
988	Mercaptobenzothiazole, 2-; (2-Benzothiazolethiol)	149-30-4	5	15	40	40	mg/m3
989	Hydroxymethanesulfinic acid, monosodium salt; (Formaldehyde hydrosulfite)	149-44-0	15	50	350	500	mg/m3
990	Ethyl hexanoic acid, 2-; (Butyl ethyl acetic acid)	149-57-5	5	15	125	500	mg/m3
991	Orthoformic acid, trimethyl ester; (Trimethyl orthoformate)	149-73-5	0.1	0.3	2	10	ppm
992	Dichloromethylphenylsilane	149-74-6	1	3	20	20	mg/m3
993	Aminobenzoic acid, p-	150-13-0	5	15	100	500	mg/m3
994	Hydroxyethylenediaminetriacetic acid, N-	150-39-0	1.25	4	30	150	mg/m3
995	Methoxyphenol, p-	150-76-5	5	15	100	500	mg/m3
996	Sodium succinate	150-90-3	5	15	125	600	ppm
997	Dimethoxybenzene, 1,3-	151-10-0	3.5	10	75	400	mg/m3
998	Sodium lauryl sulfate	151-21-3	0.35	1	6	500	mg/m3
999	Methoxyethylmercuric acetate	151-38-2	0.0159	0.0477	3.18	3.18	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1000	Lauryl sulfate; (Dodecyl sulfate)	151-41-7	5	15	100	500	mg/m3
1001	Potassium cyanide	151-50-8	5	5	5	62.6	mg/m3
1002	**Ethyleneimine**	**151-56-4**	0.5	0.6	**4.6**	**9.9**	ppm
1003	Octamethyldiphosphoramide; (Octamethylpyrophosphoramide)	152-16-9	0.15	0.5	0.8	3.5	mg/m3
1004	Phenylpropanolamine hydrochloride; (Propadrine hydrochloride)	154-41-6	0.06	0.15	1.25	500	mg/m3
1005	Nitrosodiphenylamine, p-	156-10-5	0.1	0.3	2	150	mg/m3
1006	Butyric acid, sodium salt	156-54-7	50	150	500	500	mg/m3
1007	**Dichloroethylene, cis-1,2-**	**156-59-2**	140	**140**	**500**	**850**	ppm
1008	**Dichloroethylene, cis-and trans-1,2-**	**156-60-5**	200	**280**	**1000**	**1700**	ppm
1009	Calcium cyanamide	156-62-7	0.5	1.5	125	500	mg/m3
1010	Amino-1-propanol, 3-	156-87-6	0.015	0.04	0.3	500	mg/m3
1011	Benzo(ghi)perylene	191-24-2	10	30	50	250	mg/m3
1012	Dibenzo(a,e)pyrene; (Naphtho(1,2,3,4-def)chrysene)	192-65-4	0.005	0.015	0.1	0.5	mg/m3
1013	Indeno(1,2,3-cd)pyrene	193-39-5	0.15	0.5	3.5	15	mg/m3
1014	Benz(e)acephenanthrylene; (Benzo(b)fluoroanthene)	205-99-2	0.2	0.6	4	20	mg/m3
1015	Fluoranthene	206-44-0	0.004	0.01	0.075	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1016	Benzo(k)fluoranthene	207-08-9	0.2	0.6	4	20	mg/m3
1017	Acenaphthylene	208-96-8	0.06	0.2	1.5	500	mg/m3
1018	Chrysene (coal tar volatile)	218-01-9	0.2	0.6	1	80	mg/m3
1019	Dibenzo-p-dioxin	262-12-4	1.5	4	30	500	mg/m3
1020	Diazabicyclo(2,2,2)octane, 1,4-	280-57-9	1	3	20	500	mg/m3
1021	Cyclopentane	287-92-3	600	1800	3840	15000	ppm
1022	Imidazole	288-32-4	4	12.5	75	100	mg/m3
1023	Tetrazole, 1H-	288-94-8	10	30	50	150	mg/m3
1024	Cyclooctane	292-64-8	5	15	100	500	ppm
1025	Isobenzan	297-78-9	0.5	1.5	2	2	mg/m3
1026	Thionazin; (Ethyl pyrazinyl phosphorothioate)	297-97-2	0.6	2	3.5	3.5	mg/m3
1027	Methyl parathion	298-00-0	0.2	0.34	0.34	15	mg/m3
1028	Phorate	298-02-2	0.05	0.1	0.6	0.6	mg/m3
1029	Disulfoton	298-04-4	0.05	0.15	2	75	mg/m3
1030	Bis(2-ethylhexyl) hydrogen phosphate	298-07-7	0.02	0.06	0.4	2	mg/m3
1031	Potassium bicarbonate	298-14-6	12.5	35	60	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1032	Amphetamine; (Benzedrine)	300-62-9	4	12.5	20	20	mg/m3
1033	Lead acetate; (Lead diacetate)	301-04-2	0.0785	0.235	75	157	mg/m3
1034	Stannous octoate	301-10-0	0.341	1.023	15	85.3	mg/m3
1035	**Hydrazine**	**302-01-2**	0.1	**0.10**	**13**	**35**	ppm
1036	Trichloroacetaldehyde hydrate; (Chloral hydrate)	302-17-0	10	30	50	50	mg/m3
1037	Sodium potassium tartrate; (Potassium sodium tartrate)	304-59-6	20	60	400	500	mg/m3
1038	Hydroxy-N-phenylbenzamide, N-; (Phenylbenzohydroxamic acid, N-)	304-88-1	10	30	50	250	mg/m3
1039	**Dichloro-1,1,1-trifluoroethane, 2,2-; (HCFC-123)**	**306-83-2**	50	150	**1000**	**10000**	ppm
1040	Tetracosafluorotetradecahydro-phenanthrene; (Perfluorophenanthrene)	306-91-2	3.42	10.3	17.1	75	mg/m3
1041	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	0.25	0.25	10	25	mg/m3
1042	Tributyl-1-butanaminium iodide, N,N,N-; (Tetrabutylammonium iodide)	311-28-4	7.5	25	150	500	mg/m3
1043	Lactic acid, sodium salt, DL-; (Propanoic acid, 2-hydroxy-, monosodium salt)	312-85-6	10	30	50	250	mg/m3
1044	Mexacarbate; (4-(Dimethylamine)-3,5-xylyl N-methylcarbamate)	315-18-4	2.5	7.5	14	14	mg/m3
1045	Emetine dihydrochloride, l-	316-42-7	0.05	0.15	0.25	0.25	mg/m3
1046	Hexachlorocyclohexane, alpha-; (Benzene hexachloride-alpha-isomer)	319-84-6	0.5	1.5	2.5	500	mg/m3
1047	Hexachlorocyclohexane, beta-1,2,3,4,5,6-; (Benzene hexachloride, trans-alpha-)	319-85-7	0.5	1.5	2.5	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1048	Thenoyltrifluoroacetone	326-91-0	1.25	3.5	25	125	mg/m3
1049	Trichloronate; (Ethyl trichlorophenylethylphosphonothioate)	327-98-0	2	6	10	300	mg/m3
1050	**Methyl cyclohexylfluorophosphonate; (GF)**	**329-99-7**	0.00006	**0.00020**	**0.0024**	**0.018**	ppm
1051	Ethylenediamine dihydrochloride	333-18-6	0.1	0.3	2	60	mg/m3
1052	Potassium thiocyanate	333-20-0	12.5	35	60	60	mg/m3
1053	Methyl-trifluoromethanesulfonate	333-27-7	7.2	21.6	36	500	mg/m3
1054	Diazomethane	334-88-3	0.2	0.6	2	2	ppm
1055	Heptafluorotetrahydro-5-(nonafluorobutyl)furan, 2,2,3,3,4,4,5-; (Perfluoro-2-butyltetrahydrofuran; Fluorinert FC-75)	335-36-4	3.42	10.3	17.1	75	mg/m3
1056	Pentadecafluorooctanoic acid	335-67-1	4	12.5	75	75	mg/m3
1057	**Boron trifluoride-dimethyl ether**	**353-42-4**	0.75	**2.5**	**37**	**110**	mg/m3
1058	**Carbonyl fluoride**	**353-50-4**	0.28	0.28	**0.28**	**0.83**	ppm
1059	Halon 1211; (Bromochlorodifluoromethane)	353-59-3	12.5	40	250	5000	ppm
1060	Bromo-2-chloro-1,1,2-trifluoroethane, 1-; (1,1,2-Trifluoro-1-bromo-2-chloroethane)	354-06-3	50	150	1000	5000	ppm
1061	Trifluoroacetyl chloride	354-32-5	1.07	3.21	50	249	ppm
1062	Trichloro-2,2,2-trifluoroethane, 1,1,1-	354-58-5	250	500	500	500	mg/m3
1063	Tetradecafluorohexane; (Perfluoro-n-hexane; Fluorinert FC72)	355-42-0	200	600	4000	25000	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1064	Brucine; (2,3-Dimethoxystrychnine)	357-57-3	0.6	1.5	12.5	40	mg/m3
1065	Trifluoromethanesulfonic anhydride	358-23-6	1.5	5	35	150	mg/m3
1066	Fluoroacetyl chloride	359-06-8	2	6	10	10	mg/m3
1067	Tetrafluoroethane, 1,1,2,2-; (HFC 134)	359-35-3	0.805	2.41	4.02	80.5	ppm
1068	Triethyloxonium tetrafluoroborate	368-39-8	6.25	18.8	31.3	500	mg/m3
1069	Fluoroaniline, p-	371-40-4	1.5	5	35	150	mg/m3
1070	Maleic acid, disodium salt	371-47-1	25	75	500	500	mg/m3
1071	Ethylene fluorohydrin; (2-Fluoroethanol)	371-62-0	0.005	0.015	0.0267	1.25	ppm
1072	Heptafluorobutyric acid	375-22-4	0.6	2	12.5	60	mg/m3
1073	Tetrachlorohexafluorobutane, 2,2,3,3-; (FLON; CFC316)	375-34-8	0.2	0.6	4	20	ppm
1074	Ergotamine tartrate	379-79-3	2	6	10	60	mg/m3
1075	**Perfluoroisobutylene; (Octafluoro-sec-butene)**	**382-21-8**	0.005	0.015	**0.1**	**0.3**	ppm
1076	Hexafluorobenzene	392-56-3	150	500	1500	1500	ppm
1077	Bis(trifluoromethyl)benzene, 1,3-	402-31-3	4.7	14.1	23.5	470	mg/m3
1078	Fluoro-4-nitrophenol, 2-	403-19-0	0.75	2.5	15	75	mg/m3
1079	Trifluoroacetic acid anhydride	407-25-0	4.61	13.8	23	461	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1080	Silicon carbide	409-21-2	15	30	250	500	mg/m3
1081	Cyanamide	420-04-2	2	6	30	35	mg/m3
1082	Cyanic acid; (Hydrogen cyanate)	420-05-3	0.04	0.1	0.75	4	ppm
1083	Fluorotrimethylsilane	420-56-4	2.5	7.5	50	250	ppm
1084	Methyl fluorosulfate	421-20-5	0.0025	0.0075	0.05	0.25	ppm
1085	Trifluoroacetaldehyde hydrate; (2,2,2-Trifluoro-1,1-ethanediol)	421-53-4	2.5	7.5	50	250	mg/m3
1086	Tetrabutylammonium fluoride; (N,N,N-Tributyl-1-butanaminium, fluoride)	429-41-4	34.4	103	172	500	mg/m3
1087	Trimethoxy(3,3,3-fluoropropyl) silane	429-60-7	9.57	28.7	50	500	mg/m3
1088	Butanedione, 2,3-	431-03-8	20	60	400	400	mg/m3
1089	Benzoin oxime	441-38-3	0.6	1.5	12.5	60	mg/m3
1090	Methyl fluoroacetate	453-18-9	0.015	0.05	0.35	5	mg/m3
1091	Bromofluorobenzene, 4-; (p-fluorobromobenzene)	460-00-4	75	200	500	500	mg/m3
1092	Cyanogen	460-19-5	10	10	10	15	ppm
1093	Pentafluoropropane, 1,1,1,3,3-	460-73-1	300	900	60000	60000	ppm
1094	Cyanoguanidene	461-58-5	0.5	1.5	10	200	mg/m3
1095	Fluorobenzene	462-06-6	125	350	500	500	mg/m3

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

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1096	Allene; (1,2-Propadiene)	463-49-0	40	125	750	4000	ppm
1097	**Ketene; (Carbomethene, Ethenone)**	**463-51-4**	0.19	**0.19**	**0.66**	**2.0**	ppm
1098	**Carbonyl sulfide**	**463-58-1**	10	30	**55**	**150**	ppm
1099	Dimethylpropane, 2,2-; (Neopentane)	463-82-1	610	610	610	50000	ppm
1100	Pinacolyl alcohol; ((tert-Butyl methyl carbinol)	464-07-3	250	750	750	750	ppm
1101	Isodrin	465-73-6	1.25	4	7	7	mg/m3
1102	Chlorfenvinfos	470-90-6	2	6	10	10	mg/m3
1103	Carbonic acid, calcium salt	471-34-1	15	45	500	500	mg/m3
1104	Oxamide	471-46-5	1.5	5	40	200	mg/m3
1105	Dimethyl-5-phenylphenazinium chloride, 3,7-diamino-2,8-; (Safranine; Gossypimine)	477-73-6	0.25	0.75	5	25	mg/m3
1106	Trinitrophenylmethylnitramine, 2,4,6-; (Tetryl)	479-45-8	1.5	7.5	50	500	mg/m3
1107	Dihydroxy-1,3-indandione, 2,2-; (Ninhydrin monohydrate)	485-47-2	0.3	1	6	35	mg/m3
1108	Indole-3-carboxaldehyde, 1H-; (3-Formylindole)	487-89-8	0.75	2.5	15	75	ppm
1109	Glucose, alpha-D-; (alpha-Dextrose)	492-62-6	0.4	1.25	7.5	500	mg/m3
1110	Decahydronaphthalene, cis-; (cis-Decalin)	493-01-6	0.5	1.5	10	75	ppm
1111	Decahydronaphthalene, trans-; (trans-Decalin)	493-02-7	0.5	1.5	10	75	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1112	Bis(Dimethylamino)acridine, 3,6-; (Acridine orange)	494-38-2	0.4	1.25	7.5	40	mg/m3
1113	Indan	496-11-7	40	125	500	500	mg/m3
1114	Glycoluril; (Acetyleneurea)	496-46-8	10	30	50	250	mg/m3
1115	Sodium carbonate	497-19-8	10	30	50	500	mg/m3
1116	Dipicolinic acid; (2,6-Pyridinedicarboxylic acid)	499-83-2	10	30	50	250	mg/m3
1117	**Benzyl chloroformate; (Carbobenzoxy chloride)**	**501-53-1**	0.04	0.125	**0.97**	**2.9**	ppm
1118	Methylmercuric dicyanamide	502-39-6	0.0149	0.0447	2.98	2.98	mg/m3
1119	Caprolactone; (epsilon-Lactone hexanoic acid)	502-44-3	15	50	350	500	mg/m3
1120	Trimethylene oxide; (Oxetane)	503-30-0	0.1	0.3	2	75	mg/m3
1121	Aminopyridine, 4-; (4-Pyridinamine)	504-24-5	4	12.5	20	20	mg/m3
1122	Propanediol, 1,3-	504-63-2	20	60	400	500	mg/m3
1123	**Bis(2-chloroethyl)sulfide; (HD; Sulfur mustard)**	**505-60-2**	0.0035	**0.010**	**0.020**	**0.32**	ppm
1124	Potassium silver cyanide	506-61-6	1	3	20	20	mg/m3
1125	Silver cyanide	506-64-9	25.7	25.7	25.7	129	mg/m3
1126	Cyanogen bromide	506-68-3	20.4	44	44	44	mg/m3
1127	**Cyanogen chloride**	**506-77-4**	0.02	0.06	**0.4**	**4**	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1128	Cyanogen iodide	506-78-5	35	100	180	180	mg/m3
1129	Fulminic acid; (Carbyloxime)	506-85-4	0.6	1.5	12.5	60	ppm
1130	Ammonium carbonate	506-87-6	0.75	2.5	15	75	mg/m3
1131	Acetyl bromide	506-96-7	0.2	0.6	4	20	ppm
1132	Thioacetic acid	507-09-5	0.006	0.02	0.125	10	ppm
1133	Chloro-2-methylpropane, 2-; (Tert-butyl chloride)	507-20-0	0.4	1	7.5	2000	ppm
1134	Tetraphenylarsonium chloride; (Tetraphenylarsenium chloride)	507-28-8	2.79	8.38	14	25	mg/m3
1135	**Tetranitromethane**	**509-14-8**	0.52	0.52	**0.52**	**1.7**	ppm
1136	Chlorobenzylate; (4,4'-Dichlorobenzilic acid ethyl ester)	510-15-6	0.3	0.75	6	300	mg/m3
1137	Trimethyl phosphate; (TMP)	512-56-1	5	15	60	60	ppm
1138	Hexaphenylcyclotrisiloxane	512-63-0	7.5	25	150	500	mg/m3
1139	Ascaridole	512-85-6	0.75	2.5	20	75	mg/m3
1140	Methyl-2-butene, 2-	513-35-9	2	6	40	200	ppm
1141	Isobutyl chloride; (1-Chloro-2-methylpropane)	513-36-0	0.4	1.25	7.5	40	ppm
1142	Butylamine, (S)-sec-	513-49-5	0.5	1.5	10	50	ppm
1143	Methyl-1-propanethiol, 1-; (sec-Butyl mercaptan; 2-Butanethiol)	513-53-1	2	6	40	200	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1144	Barium carbonate	513-77-9	0.3	0.75	6	500	mg/m3
1145	Cadmium carbonate	513-78-0	0.00767	0.046	4	13.8	mg/m3
1146	Cobaltous carbonate	513-79-1	0.0404	0.121	0.202	250	mg/m3
1147	Dithiazanine iodide; (3,3'-Diethylpentamethinethiacyanine iodide)	514-73-8	4	12.5	20	20	mg/m3
1148	Ammonium lactate	515-98-0	10	35	200	500	mg/m3
1149	Hematoxylin	517-28-2	10	30	50	50	mg/m3
1150	Uranine; (Fluorescein sodium)	518-47-8	12.5	40	250	500	mg/m3
1151	Aminoethyl)diphenylborinic acid, o-(2-	524-95-8	0.4	1.25	10	50	mg/m3
1152	**Trimethylbenzene, 1,2,3-**	**526-73-8**	25	**140**	**360**	1500	ppm
1153	Tartaric acid, monosodium salt	526-94-3	15	50	400	500	mg/m3
1154	Gluconic acid, D-	526-95-4	10	30	50	250	mg/m3
1155	Sodium gluconate	527-07-1	0.6	2	15	75	mg/m3
1156	Tetramethylbenzene, 1,2,3,5-	527-53-7	0.15	0.5	3.5	500	mg/m3
1157	Dinitrobenzene, o-	528-29-0	1	3	5	50	mg/m3
1158	Salicylic acid, monoammonium salt	528-94-9	1.5	4	30	500	mg/m3
1159	Benzoic acid, sodium salt	532-32-1	100	350	500	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1160	Bis(chloromethyl)ketone; (1,3-Dichloroacetone)	534-07-6	0.125	0.4	2	2	mg/m3
1161	Silver carbonate; (Silver(I) carbonate)	534-16-7	0.0128	0.0383	0.0639	12.8	mg/m3
1162	Cesium carbonate	534-17-8	10	30	200	500	mg/m3
1163	Methylfuran, 2-	534-22-5	6	20	50	50	ppm
1164	Dinitro-o-cresol, 4,6-	534-52-1	0.2	0.2	0.5	5	mg/m3
1165	Crimidine; (Castrix)	535-89-7	0.25	0.75	1.2	1.2	mg/m3
1166	Phenylacetylene; (Ethynylbenzene)	536-74-3	40	100	500	500	mg/m3
1167	Cerium acetate	537-00-8	0.1	0.35	2	10	mg/m3
1168	**Ethylbis(2-chloroethyl)amine; (Bis(2-chloroethyl)ethylamine; Nitrogen mustard-1)**	**538-07-8**	0.004	0.0125	**0.022**	**0.37**	mg/m3
1169	Dicyclohexylcarbodiimide	538-75-0	0.0035	0.01	0.06	100	mg/m3
1170	Bromoethanol , 2- (ethylene bromohydrin)	540-51-2	0.075	0.2	1.5	60	mg/m3
1171	Dichloroethylene, 1,2-	540-59-0	200	600	1000	1000	ppm
1172	Ethanedithiol, 1,2-	540-63-6	0.35	1	7.5	40	ppm
1173	Ammonium formate	540-69-2	10	30	50	500	mg/m3
1174	Sodium isothiocyanate; (Thiocyanic acid, sodium salt)	540-72-7	0.25	0.75	6	100	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1175	**Dimethylhydrazine, 1,2-**	**540-73-8**	0.6	1.5	**3.0**	**11**	ppm
1176	Isooctane; (2,2,4-Trimethylpentane)	540-84-1	300	385	385	1000	ppm
1177	Butyl acetate, tert-	540-88-5	200	600	1000	1500	ppm
1178	Dodecamethylcyclohexasiloxane	540-97-6	10	30	50	500	mg/m3
1179	Decamethylcyclopentasiloxane	541-02-6	15	50	350	500	mg/m3
1180	Hexamethylcyclotrisiloxane	541-05-9	10	30	200	500	mg/m3
1181	Uranyl acetate; (Uranium oxyacetate)	541-09-3	0.0891	1.07	3.5	17.8	mg/m3
1182	**Chlorovinylarsine dichloride; (Lewisite 1)**	**541-25-3**	0.12	0.12	**0.12**	**0.74**	mg/m3
1183	**Ethyl chloroformate**	**541-41-3**	1	1	**1.6**	**4.8**	ppm
1184	Methylbutanamide, 3-; (Isovaleramide)	541-46-8	6	20	125	500	mg/m3
1185	Dithiobiuret	541-53-7	1	3	5	5	mg/m3
1186	Dichlorobenzene, m-	541-73-1	0.75	2	15	75	ppm
1187	Benzenamine, sulfate (2:1)	542-16-5	10	30	50	250	mg/m3
1188	Barium cyanide	542-62-1	0.69	2.07	3.5	69	mg/m3
1189	Dichloropropene, 1,3-	542-75-6	1	12.5	50	50	ppm
1190	Chloropropionitrile, 3-	542-76-7	0.5	1.5	2.46	12.5	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1191	**Dichloromethyl ether; (bis(Chloromethyl)ether)**	**542-88-1**	0.001	0.006	**0.044**	**0.18**	ppm
1192	Ethylthiocyanate	542-90-5	20	60	100	100	mg/m3
1193	**Isobutyl Chloroformate; (Chloroformic acid butyl ester)**	**543-27-1**	0.2	0.6	**2.2**	**6.7**	ppm
1194	Barium acetate; (Barium acetate anhydrous)	543-80-6	0.93	2.79	4.65	93	mg/m3
1195	Cadmium(II) acetate	543-90-8	0.00517	0.031	4	9.3	mg/m3
1196	Diisoamylamine	544-00-3	5	15	25	125	ppm
1197	Calcium formate	544-17-2	10	30	200	500	mg/m3
1198	Tetradecanoic acid; (Myristic acid)	544-63-8	0.35	1	7.5	35	mg/m3
1199	Hexadecane	544-76-3	3	7.5	60	500	mg/m3
1200	Copper cyanide	544-92-3	1.41	4.23	7.05	25	mg/m3
1201	Octaphenylcyclotetrasiloxane	546-56-5	20	60	400	500	mg/m3
1202	Isopropyl titanate(IV); (Titanium(IV) isopropoxide)	546-68-9	30	75	500	500	mg/m3
1203	Acetic acid, lithium salt	546-89-4	12.5	35	250	500	mg/m3
1204	Magnesium carbonate; (Magnesite)	546-93-0	15	45	200	500	mg/m3
1205	Dimethylamino)phenyl)azo)benzenesulfonic acid, sodium salt, P-((P-(; (Methyl orange,sodium salt)	547-58-0	0.25	0.75	5	25	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1206	Crystal violet; (Aniline violet)	548-62-9	0.075	0.25	1.5	150	mg/m3
1207	Ethanedioic acid, dimethyl ester	553-90-2	4	12.5	75	400	mg/m3
1208	Potassium gold cyanide	554-07-4	27.7	83	138	138	mg/m3
1209	Lithium carbonate	554-13-2	0.2	0.6	4	200	mg/m3
1210	Nitrophenol, 3-; (m-Nitrophenol)	554-84-7	1.25	4	30	150	mg/m3
1211	Aluminum(III) isopropylate	555-31-7	7.57	22.7	37.9	500	mg/m3
1212	**Tris(2-chloroethyl)amine; (Nitrogen mustard-3)**	**555-77-1**	0.001	0.003	**0.022**	**0.37**	mg/m3
1213	Glycidol; (Oxiranemethanol)	556-52-5	2	4	30	150	ppm
1214	Methyl isothiocyanate; (Isothiocyanatomethane)	556-61-6	1.5	4	33	500	mg/m3
1215	Methyl thiocyanate	556-64-9	5	15	28.4	28.4	ppm
1216	Octamethylcyclotetrasiloxane	556-67-2	12.5	35	250	300	ppm
1217	Zinc stearate	557-05-1	15	30	50	150	mg/m3
1218	Nickel cyanide	557-19-7	0.377	1.13	9.44	18.9	mg/m3
1219	Diethylzinc	557-20-0	1.89	3.78	3.78	10	ppm
1220	Zinc cyanide	557-21-1	22.6	22.6	22.6	113	mg/m3
1221	Zinc acetate	557-34-6	0.3	0.75	6	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1222	Magnesium formate	557-39-1	10	30	50	250	mg/m3
1223	Chloropropylene, 2-	557-98-2	1000	3000	20000	35000	ppm
1224	Methanesulfonyl fluoride	558-25-8	3.49	3.49	3.49	3.49	ppm
1225	Ethion	563-12-2	0.05	0.15	13	350	mg/m3
1226	Dimethylhexane, 3,3-	563-16-6	75	75	386	2000	ppm
1227	Semicarbazide hydrochloride	563-41-7	20	60	100	100	mg/m3
1228	Dichloroethylaluminum	563-43-9	9.41	9.41	9.41	9.41	mg/m3
1229	Methyl-1-butene, 2-	563-46-2	65000	65000	230000	400000	ppm
1230	Chloro-2-methyl-1-propene, 3-	563-47-3	0.75	2.5	15	75	ppm
1231	Dichloropropene, 1,2-	563-54-2	1.5	5	40	200	ppm
1232	Dichloropropene, 1,1-	563-58-6	1	3	5	200	ppm
1233	Thallium(I) acetate; (Acetic acid, thallium(1+) salt)	563-68-8	0.129	0.387	2.5	19.3	mg/m3
1234	Bromonitromethane	563-70-2	0.75	2.5	15	75	mg/m3
1235	Ferrous carbonate	563-71-3	15	40	300	500	mg/m3
1236	Calcium oxalate	563-72-4	6	15	50	50	mg/m3
1237	Methyl isopropyl ketone; (3-Methyl-2-butanone)	563-80-4	200	200	200	600	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1238	Dimethyl-3-pentanone, 2,4-	565-80-0	5	15	100	1000	ppm
1239	Aluminon	569-58-4	0.0004	0.00125	0.0075	500	mg/m3
1240	Basic Green 4; (Aizen malachite green)	569-64-2	0.35	1	6	35	mg/m3
1241	Dinitrophenol, 2,6-	573-56-8	0.15	0.4	3	15	mg/m3
1242	Dimethylphenol, 2,6-; (2,6-Xylenol)	576-26-1	0.75	2	15	125	mg/m3
1243	Bromomesitylene, 2-; (2-Bromo-1,3,5-trimethylbenzene)	576-83-0	10	30	50	250	mg/m3
1244	Dioctyl sodium sulfosuccinate; (Di-(2-ethylhexyl) sodium sulfosuccinate)	577-11-7	7.5	20	150	500	mg/m3
1245	**Adamsite; (Phenarsine chloride)**	**578-94-9**	0.016	**0.016**	**2.6**	**6.40**	mg/m3
1246	Phenyl-1,2-propanedione, 1-	579-07-7	2.5	7.5	50	250	mg/m3
1247	Potassium oxalate	583-52-8	7.5	25	150	500	mg/m3
1248	Methylcyclohexanone, 2-; (o-Methylcyclohexanone)	583-60-8	75	75	125	600	ppm
1249	Isoamyl alcohol (secondary); (3-Pentanol)	584-02-1	100	125	125	500	ppm
1250	Potassium carbonate	584-08-7	10	20	150	500	mg/m3
1251	**Toluene-2,4-diisocyanate; (TDI)**	**584-84-9**	0.005	**0.020**	**0.083**	**0.51**	ppm
1252	Diphenyl mercury	587-85-9	0.177	0.177	0.177	17.7	mg/m3
1253	Stilbene	588-59-0	5	15	100	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1254	Hexanone, 3-; (Ethyl propyl ketone)	589-38-8	4	12.5	75	400	ppm
1255	Methylheptane, 4-	589-53-7	10	30	50	250	ppm
1256	Butyl propanoate; (Propanoic acid, butyl ester)	590-01-2	500	500	500	500	mg/m3
1257	Butene, cis-2-; (cis-1,2-Dimethylethylene)	590-18-1	250	65000	230000	400000	ppm
1258	Potassium formate	590-29-4	20	60	500	500	mg/m3
1259	Aminoiminomethyl)urea sulfate(2:1), (	591-01-5	10	30	50	250	mg/m3
1260	Aminophenol, m-	591-27-5	1	3	20	125	mg/m3
1261	Iodobenzene	591-50-4	0.0161	0.0482	500	500	mg/m3
1262	Hexanone, 2-; (Methyl n-butyl ketone)	591-78-6	5	10	1500	1600	ppm
1263	Acetic acid, 2-propenyl ester	591-87-7	0.5	1.5	10	50	ppm
1264	Mercuric cyanide	592-04-1	0.0315	1.5	12.6	12.6	mg/m3
1265	Platinum cyanide	592-06-3	0.00253	0.0076	0.0127	5.07	mg/m3
1266	Methylheptane, 2-	592-27-8	2	6	40	200	ppm
1267	**Butyl chloroformate, n-**	**592-34-7**	0.2	0.3	**2.2**	**6.7**	ppm
1268	**Hexene, 1-**	**592-41-6**	50	75	**500**	**5000**	ppm
1269	Heptene, 1-	592-76-7	1500	5000	40000	200000	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1270	Formic acid, butyl ester; (n-Butyl formate)	592-84-7	50	150	1000	1000	ppm
1271	Mercuric thiocyanate; (Mercuric sulfocyanate)	592-85-8	0.0395	0.118	0.158	15.8	mg/m3
1272	Octadecane, n-	593-45-3	33.7	33.7	173	750	ppm
1273	Methylamine hydrochloride	593-51-1	3.5	10	60	500	mg/m3
1274	Methyl fluoride; (Fluoromethane)	593-53-3	4.48	13.4	22.4	448	mg/m3
1275	Vinyl bromide	593-60-2	5	15	40	50	ppm
1276	Dimethyl mercury	593-74-8	0.0115	0.0345	0.046	2.3	mg/m3
1277	Thiocyanic acid, compound with guanidine (1:1); (Guanidene thiocyanate salt)	593-84-0	1.25	3.5	25	125	mg/m3
1278	**Methyldichloroarsine; (Dichloromethylarsine)**	**593-89-5**	0.053	0.053	**0.053**	**0.16**	mg/m3
1279	Trimethylphosphine	594-09-2	0.1	0.3	2	10	ppm
1280	Tert-butyllithium	594-19-4	1.5	5	35	150	mg/m3
1281	Dichloropropane, 2,2-	594-20-7	4	12.5	75	400	ppm
1282	**Perchloromethyl mercaptan**	**594-42-3**	0.013	**0.013**	**0.30**	**0.90**	ppm
1283	Hydroxy-2-methylpropanoic acid, 2-; (2-Methyllactic acid)	594-61-6	10	30	50	250	mg/m3
1284	Dimethylbutyric acid, 2,2-	595-37-9	7.5	25	150	500	mg/m3
1285	Tetraethyltin; (Tetraethylstannane)	597-64-8	0.198	0.396	7	49.5	mg/m3

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

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1286	**Ethyldichloroarsine; (Dichloroethylarsine)**	**598-14-1**	0.029	0.029	**0.029**	**0.086**	mg/m3
1287	Methyl-1-propen-1-one, 2-; (Dimethylketene)	598-26-5	0.03	0.1	0.6	3.5	ppm
1288	Sec-butyllithium	598-30-1	0.4	1.25	7.5	40	ppm
1289	Bromoacetone	598-31-2	0.075	0.2	1.5	7.5	ppm
1290	Methyl vinyl carbinol; (3-Buten-2-ol)	598-32-3	0.25	0.75	5	25	ppm
1291	Methyl nitrate; (Nitric acid, methyl ester)	598-58-3	5	15	100	500	ppm
1292	Manganese carbonate	598-62-9	0.418	6.28	10.5	500	mg/m3
1293	Lead carbonate	598-63-0	0.0645	0.193	4	500	mg/m3
1294	Bromotrifluoroethylene	598-73-2	7.06	21.2	125	125	ppm
1295	Pentafluorobenzoic acid	602-94-8	0.75	2	15	75	mg/m3
1296	Triphenylphosphine	603-35-0	1.5	5	40	500	mg/m3
1297	Dinitrotoluene, 2,6-	606-20-2	0.2	0.6	6	50	mg/m3
1298	Dibromophenol, 2,6-	608-33-3	0.5	0.5	2.5	2.5	mg/m3
1299	Benzene hexachloride; (Hexachlorocyclohexane, mixed isomers)	608-73-1	0.15	0.5	4	300	mg/m3
1300	Pentachlorobenzene	608-93-5	10	30	150	400	mg/m3
1301	Dinitrotoluene, 3,4-	610-39-9	0.2	0.6	10	50	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1302	Ethyltoluene, o-	611-14-3	500	500	500	500	mg/m3
1303	Nitrosotoluene, 2-: (o-Nitrosotoluene)	611-23-4	7.5	25	150	500	mg/m3
1304	Alpha-hydroxybenzeneacetic acid, (+-)-; (DL-mandelic acid)	611-72-3	15	50	350	500	mg/m3
1305	Butyl perbenzoate, tert-	614-45-9	7.5	25	150	400	mg/m3
1306	Methylphenylthiourea, 2-; (o-Tolyl thiourea)	614-78-8	10	30	50	50	mg/m3
1307	Furancarboxylic acid, ethyl ester, 2-; (Ethyl furoate)	614-99-3	0.25	0.75	5	25	ppm
1308	Phenylenediamine dihydrochloride, 1,2-	615-28-1	10	30	125	125	mg/m3
1309	Dimethyl carbonate	616-38-6	15	40	300	1500	ppm
1310	Pyrrolidinone, 2-	616-45-5	1	3	20	40	ppm
1311	Methylimidazole, 1-	616-47-7	6	15	125	500	mg/m3
1312	Malic acid, DL-	617-48-1	6	20	125	500	mg/m3
1313	Phenyl-2-propanol, 2-; (Dimethylphenylmethanol)	617-94-7	1	3	20	100	ppm
1314	Chloro-4-nitrophenol, 2-	619-08-9	0.5	1.5	10	50	ppm
1315	Tribenzylamine	620-40-6	10	30	50	250	mg/m3
1316	Nitrosodipropylamine; (DPNA)	621-64-7	0.06	0.2	1.25	200	mg/m3
1317	Ethyltoluene, p-	622-96-8	500	500	500	500	mg/m3

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

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1318	Diazoacetic acid; (Ethyl diazoacetate)	623-73-4	0.2	0.6	4	150	mg/m3
1319	Diethylurea, 1,3-	623-76-7	5	15	100	600	ppm
1320	Phenylenediamine dihydrochloride, 1,4-	624-18-0	0.6	1.5	12.5	60	mg/m3
1321	Dimethylcyclohexane, cis-1,4-	624-29-3	0.75	2	15	75	ppm
1322	Butene, trans-2-; (Trans-1,2-dimethylethylene)	624-64-6	250	750	40000	75000	ppm
1323	**Methyl isocyanate**	**624-83-9**	0.02	**0.025**	**0.067**	**0.20**	ppm
1324	**Dimethyl disulfide**	**624-92-0**	0.01	**0.01**	**50**	**250**	ppm
1325	Nitric acid, ethyl ester; (Ethyl nitrate)	625-58-1	0.35	1	6	35	ppm
1326	Hexanol, 2-; (2-Hydroxyhexane)	626-93-7	5	15	100	500	mg/m3
1327	Chloroethyl chloroformate	627-11-2	4	12.5	20	20	mg/m3
1328	Propyl nitrate	627-13-4	25	40	100	500	ppm
1329	Chloropropanol, 3-; (1-Propanol, 3-chloro)	627-30-5	10	30	200	500	mg/m3
1330	Diethyl mercury	627-44-1	0.0129	0.0387	0.0516	2.58	mg/m3
1331	Diethyl telluride	627-54-3	0.1	0.3	6	10	mg/m3
1332	Iodopentane, 1-	628-17-1	0.0156	0.0468	0.078	400	mg/m3
1333	Amyl acetate	628-63-7	100	100	100	1000	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1334	Diethylene glycol diacetate; (2,2'-oxybisethanol diacetate)	628-68-2	100	300	500	500	mg/m3
1335	Hexanenitrile	628-73-9	0.5	1.5	10	50	ppm
1336	Dibromohexane, 1,6-	629-03-8	1	3.5	20	100	mg/m3
1337	Hexanediol, 1,6-; (Hexamethylene glycol)	629-11-8	50	150	500	500	mg/m3
1338	Cyclooctatetraene, 1,3,5,7-	629-20-9	65000	65000	230000	400000	ppm
1339	Tridecane	629-50-5	0.015	0.05	0.35	6	ppm
1340	Tetradecane; (N-tetradecane)	629-59-4	0.015	0.04	0.3	1250	ppm
1341	Pentadecane	629-62-9	3.5	10	60	350	ppm
1342	Hexadecene, 1-	629-73-2	0.4	1.25	10	50	ppm
1343	Heptadecane	629-78-7	15	50	350	1500	ppm
1344	Octacosane	630-02-4	21.7	21.7	112	500	ppm
1345	Nonacosane	630-03-5	10	30	50	250	mg/m3
1346	Pentatriacontane	630-07-9	10	30	50	250	mg/m3
1347	**Carbon monoxide**	**630-08-0**	50	83	**83**	**330**	ppm
1348	Tetrachloroethane, 1,1,1,2-	630-20-6	3	7.5	60	200	ppm
1349	Ouabain	630-60-4	1.5	5	8.3	12.5	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1350	Ammonium acetate	631-61-8	2.5	7.5	50	250	mg/m3
1351	Tetrachlorobenzene, 1,2,3,4-	634-66-2	12.5	35	250	500	mg/m3
1352	Phenylphosphine	638-21-1	0.01	0.03	0.05	15	ppm
1353	Acetic acid, manganese(II) salt (2:1)	638-38-0	0.63	9.45	15.7	500	mg/m3
1354	Triphenyltin chloride; (Chlorotriphenylstannane)	639-58-7	0.325	0.65	20	81.2	mg/m3
1355	Fluoroacetamide	640-19-7	1	3.5	5.8	5.8	mg/m3
1356	Manganese oxalate	640-67-5	0.52	7.81	13	500	mg/m3
1357	Dimetilan	644-64-4	5	15	25	25	mg/m3
1358	Aminoacetaldehyde diethyl acetal; (2,2-diethoxyethylamine)	645-36-3	7.5	25	150	500	mg/m3
1359	Dioxolane, 1,3-	646-06-0	20	20	69.3	5000	ppm
1360	Acetone-d6	666-52-4	200	200	3200	5700	ppm
1361	**Diketene; (Ketene dimer)**	**674-82-8**	0.35	**1**	**6**	**18**	ppm
1362	Cyanuric fluoride; (2,4,6-Trifluoro-s-triazine)	675-14-9	0.17	0.17	0.17	74.8	mg/m3
1363	Methylmagnesium chlordie	676-58-4	1.5	5	35	150	mg/m3
1364	Methane-d3	676-80-2	1000	3000	5000	25000	ppm
1365	Dichloromethylphosphine; (Methylphosphonous dichloride)	676-83-5	0.1	0.3	2	10	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1366	Methyl phosphonic dichloride	676-97-1	0.06	0.2	1.4	15	mg/m3
1367	Methyl phosphonothioic dichloride	676-98-2	1.5	4	30	150	mg/m3
1368	Methyl difluorophosphite; (Methylphosphonic difluoride)	676-99-3	0.75	2.5	20	100	mg/m3
1369	Hexamethylphosphoramide	680-31-9	0.04	0.125	0.75	150	ppm
1370	**Tetramethoxysilane; (Methyl silicate)**	**681-84-5**	0.91	0.91	**0.91**	**1.4**	ppm
1371	Tetrapropoxysilane	682-01-9	7.5	25	150	500	mg/m3
1372	Diethyl methylphosphonate; (DEMP)	683-08-9	7.5	25	200	500	mg/m3
1373	**Hexafluoroacetone**	**684-16-2**	0.1	0.1	**0.20**	**80**	ppm
1374	Nitroso-N-methylurea, N-	684-93-5	0.015	0.05	0.35	50	mg/m3
1375	Ethyl lactate; (Ethyl (s)-(-)-lactate)	687-47-8	15	40	300	500	mg/m3
1376	Boric acid, tributyl ester; (Tri-n-butyl borate)	688-74-4	1	3	20	100	ppm
1377	Hexafluorobutyne-2; (1,1,1,4,4,4-Hexafluoro-2-butyne)	692-50-2	0.3	1	6	35	ppm
1378	Tetrahydropyridine, 1,2,3,6-	694-05-3	2.94	8.83	15	75	ppm
1379	Cyclohexanediamine, 1,2-	694-83-7	3	10	60	350	mg/m3
1380	**Phenyl dichloroarsine; (Dichlorophenylarsine)**	**696-28-6**	0.061	0.061	**0.061**	**0.18**	mg/m3
1381	**Diphenylchloroarsine; (Chlorodiphenylarsine)**	**712-48-1**	0.39	0.39	**0.39**	**1.2**	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1382	Phosmet	732-11-6	0.025	0.075	0.54	40	mg/m3
1383	Iodoheptafluoropropane, 1-; (Heptafluoropropyl iodide)	754-34-7	0.0233	0.07	0.117	12500	ppm
1384	Dimethyl methylphosphonate; (DMMP)	756-79-6	100	350	500	500	mg/m3
1385	Diethylphosphatoethyltriethoxy silane	757-44-8	75	200	500	500	mg/m3
1386	Methacrylic anhydride	760-93-0	0.75	2.5	4.5	150	mg/m3
1387	Diethyl phosphite	762-04-9	15	50	350	500	mg/m3
1388	Propionic acid, 3-ethoxy-, ethyl ester	763-69-9	20	60	400	500	mg/m3
1389	Dichloro-2-butene 1,4-	764-41-0	0.005	0.015	20	125	ppm
1390	Glycidaldehyde	765-34-4	0.025	0.075	0.5	25	ppm
1391	Phenyltriethoxysilane	780-69-8	10	35	250	500	mg/m3
1392	Carbophenothion; (Trithion)	786-19-6	1.25	4	6.8	6.8	mg/m3
1393	**Tetrafluoroethane, 1,1,1,2-; (HFC 134a)**	**811-97-2**	1000	**8000**	**13000**	**27000**	ppm
1394	Methyl alcohol-d4	811-98-3	200	250	500	500	mg/m3
1395	Diethyl chlorophosphate	814-49-3	0.4	1	8	8	mg/m3
1396	Acrylyl chloride; (Acryloyl chloride)	814-68-6	0.05	0.15	0.243	10	ppm
1397	Copper(II) oxalate	814-91-5	2.42	7.25	12.5	242	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1398	Lead oxalate	814-93-7	0.0712	0.214	0.356	1.5	mg/m3
1399	Strontium oxalate	814-95-9	7.5	25	60	75	mg/m3
1400	Hydroxyethyl acrylate, 2-; (Acrylic acid, 2-hydroxyethyl ester)	818-61-1	0.35	1	6	50	ppm
1401	Nonanone, 2-	821-55-6	1	3	20	75	ppm
1402	Hexamethylene diisocyanate; (1,6-Diisocyanatohexane)	822-06-0	0.005	0.015	0.2	3.5	ppm
1403	Sodium stearate	822-16-2	0.15	0.5	3.5	15	mg/m3
1404	Methylimidazole, 4-	822-36-6	20	60	300	300	mg/m3
1405	Dichlorocyclohexane, trans-1,2-	822-86-6	75	250	500	500	mg/m3
1406	Toluene-2,6-diamine; (2-Methyl-1,3-benzenediamine)	823-40-5	1.5	4	30	150	mg/m3
1407	Trimethylolpropane phosphite	824-11-3	0.125	0.35	2.5	6	mg/m3
1408	Methyl-8-quinolinol, 2-	826-81-3	10	30	50	250	mg/m3
1409	Phenylcyclohexane; (Cyclohexylbenzene)	827-52-1	40	125	500	500	mg/m3
1410	Naphthol-8-sulfonic acid, sodium salt, 2-	832-85-9	2	6	40	200	mg/m3
1411	Indigo carmine; (FD&C blue No 2)	860-22-0	20	60	75	75	mg/m3
1412	Potassium-tert-butoxide; (tert-Butyl alcohol, potassium derivitave)	865-47-4	1.5	5	35	150	mg/m3
1413	Chloroform-D; (Deuterated chloroform)	865-49-6	2	2	50	500	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1414	Potassium citrate	866-84-2	1.25	4	30	150	mg/m3
1415	Tartaric acid, monopotassium salt	868-14-4	150	500	500	500	mg/m3
1416	Hydroxyethyl methacrylate, 2-	868-77-9	0.1	0.3	2	500	mg/m3
1417	Dimethyl hydrogen phosphite	868-85-9	20	60	400	500	mg/m3
1418	Methyl 2-pyrrolidinone, 1-; (N-Methylpyrrolidone)	872-50-4	10	10	25	25	ppm
1419	Pyridinecarboxaldehyde, 4-; (Isonicotinaldehyde)	872-85-5	12.5	40	250	500	mg/m3
1420	Hydrogen potassium phthalate; (Phthalic acid, monopotassium salt; Potassium acid phthalate; Potassium biphthalate)	877-24-7	12.5	40	250	500	mg/m3
1421	Acetoxytriphenylstannane	900-95-8	0.345	0.689	20	50	mg/m3
1422	Methyl lithium	917-54-4	1	3	20	100	mg/m3
1423	Aminopropyltriehoxysilane; (3-(Triethoxysilyl)-1-propanamine)	919-30-2	6	15	125	500	mg/m3
1424	Demeton-s-methyl	919-86-8	0.05	0.15	5	200	mg/m3
1425	Methacryloyl chloride	920-46-7	0.025	0.075	0.14	6	ppm
1426	Hexafluoro-2-propanol, 1,1,1,3,3,3-	920-66-1	7.5	25	150	750	ppm
1427	Methylpropylnitrosoamine; (N-Methyl-N-nitroso-1-propanamine)	924-46-9	0.01	0.03	0.2	4	ppm
1428	Bromoethylmagnesium	925-90-6	1.5	5	35	150	mg/m3
1429	Ethyl alcohol-d; (Ethanol-d)	925-93-9	1000	3000	3300	3300	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1430	Dimethyl-1-butanamine, N,N-	927-62-8	200	500	500	500	mg/m3
1431	Nitric acid, butyl ester; (Butyl nitrate)	928-45-0	2.05	6.16	10.3	50	ppm
1432	Chloro-1-butanol, 4-	928-51-8	1.5	5	40	400	mg/m3
1433	**Hexyltrichlorosilane**	**928-65-4**	0.2	**0.60**	**7.3**	**33**	ppm
1434	Methyl-2-heptanone, 6-	928-68-7	1.91	5.73	10	50	ppm
1435	Disodium iminodiacetate	928-72-3	4	12.5	100	500	ppm
1436	Aminoethoxy)ethanol, 2(2-	929-06-6	12.5	35	250	500	mg/m3
1437	Oxirane, ethenyl-; (3,4-Epoxy-1-butene)	930-22-3	3	10	25	25	ppm
1438	Chlorocyclohexene; (4-Chlorocyclohexene)	930-65-4	20	60	500	2500	ppm
1439	Glycerine carbonate; (4-Hydroxymethyl]-1,3-dioxolan-2-one)	931-40-8	10	30	50	250	mg/m3
1440	Cyclooctene, cis-	931-87-3	3.5	10	60	350	mg/m3
1441	Trichlorophenol, 2,3,6-	933-75-5	1.25	4	25	125	mg/m3
1442	Chloroperoxybenzoic acid, 3-	937-14-4	0.3	1	6	35	mg/m3
1443	Fonofos	944-22-9	0.01	0.03	1.3	200	mg/m3
1444	Phosfolan	947-02-4	1.5	5	9	9	mg/m3
1445	Mephosfolan	950-10-7	1.5	5	9	9	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1446	Methidathion; (O,O-Dimethyl-S-(5-methoxy-1,3,4-thiadiazolinyl-3-methyl)dithiophosphate)	950-37-8	1	3	20	400	mg/m3
1447	Triphenylborane	960-71-4	7.5	25	150	500	mg/m3
1448	Basic Red 1; (Rhodamine 6G extra base)	989-38-8	0.025	0.075	0.6	2.5	mg/m3
1449	Norbormide	991-42-4	0.75	2	3.8	3.8	mg/m3
1450	**Methyl chlorosilane; (Chloromethylsilane)**	**993-00-0**	0.6	**1.8**	**22**	**100**	ppm
1451	Methylphosphonate	993-13-5	10	10	10	10	mg/m3
1452	Amyl methyl ether, tert-; (TAME)	994-05-8	20	125	125	125	ppm
1453	Dimethylisopropylamin, n,n-	996-35-0	1	3	5	25	mg/m3
1454	**Triethoxysilane**	**998-30-1**	0.05	**0.5**	**4**	**10**	ppm
1455	Tributylphosphine	998-40-3	0.35	1	7.5	40	ppm
1456	Chlormequat Chloride; (Choline dichloride)	999-81-5	0.35	1	7	7.5	mg/m3
1457	Hexamethyldisilazane	999-97-3	12.5	40	250	350	mg/m3
1458	Nitric acid, pentyl ester; (Amyl nitrate)	1002-16-0	25	75	500	2500	ppm
1459	Chlorodecane, 1-	1002-69-3	48.5	145	249	1250	ppm
1460	Pentadecanoic acid	1002-84-2	0.04	0.125	1	5	ppm
1461	Tetrahydro-2,5-dimethyl furan	1003-38-9	15	50	350	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1462	Heptachlor epoxide; (Epoxyheptachlor)	1024-57-3	0.05	0.15	6	6	mg/m3
1463	Triamiphos	1031-47-6	2	6	10	10	mg/m3
1464	Chromic acetate; (Chromium(III) acetate)	1066-30-4	2.2	6.61	11	110	mg/m3
1465	Ammonium bicarbonate	1066-33-7	2	6	40	200	mg/m3
1466	**Dimethylchlorosilane; (Chlorodimethylsilane)**	**1066-35-9**	0.6	**1.8**	**22**	**100**	ppm
1467	Trimethylsilanol	1066-40-6	0.05	0.5	2	5	ppm
1468	Trimethyltin chloride; (Chlorotrimethylstannane)	1066-45-1	0.168	0.336	20	42	mg/m3
1469	Diacetoxydibutyl stannane	1067-33-0	0.296	0.592	7.5	73.9	mg/m3
1470	Isopropylmagnesium chloride; (Chloro(1-methylethyl)magnesium)	1068-55-9	1	3	20	100	mg/m3
1471	Sodium hexamethyldisilazane; (Sodium bis(trimethylsilyl)amide)	1070-89-9	10	30	50	250	mg/m3
1472	Dimethylheptane, 2,2-	1071-26-7	66.8	66.8	343	1500	ppm
1473	Methylaziridine, 1-	1072-44-2	2	2	2	100	ppm
1474	Benzene-d6; (Deuterated benzene)	1076-43-3	1	50	150	1000	ppm
1475	Ammonium carbamate; (Carbamic acid, ammonium salt)	1111-78-0	0.3	1	6	35	mg/m3
1476	Dimethyldimethoxysilane	1112-39-6	20	60	400	500	mg/m3
1477	Ammonium oxalate; (Ethanedioic acid, diammonium salt)	1113-38-8	0.15	0.5	4	20	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1478	Trioctylamine; (N,N-Dioctyl-1-octanamine)	1116-76-3	4	12.5	75	400	mg/m3
1479	Tetramethyl-3,5-heptanedione, 2,2,6,6-; (Dipivaloylmethane)	1118-71-4	10	30	50	250	mg/m3
1480	Tetradecyltrimethylammonium bromide	1119-97-7	15	50	350	500	mg/m3
1481	Undecane	1120-21-4	0.35	1	6	35	ppm
1482	Propane sultone, 1,3-	1120-71-4	0.4	1.25	7.5	20	mg/m3
1483	Nitrocyclohexane	1122-60-7	0.3	0.75	1.5	60	mg/m3
1484	Nitropyridine-N-oxide, 4-; (Pyridine, 4-nitro, 1-oxide)	1124-33-0	15	50	80	80	mg/m3
1485	Metolcarb; (Methylcarbamic acid m-tolyl ester)	1129-41-5	1	3	4.8	200	mg/m3
1486	Morpholinepropanesulfonic acid, 4-	1132-61-2	1.25	4	25	125	mg/m3
1487	Cyclohexylamino)-1-propanesulfonic acid, 3-(; (CAPS)	1135-40-6	1.25	4	25	125	mg/m3
1488	Tin(IV) isopropoxide	1184-61-8	0.35	0.7	15	87.4	mg/m3
1489	Tris hydrochloride; (Trizma hydrochloride; Tris(hydroxymethyl) aminomethane hydrochloride)	1185-53-1	7.5	25	150	500	mg/m3
1490	Methyltrimethoxysilane	1185-55-3	50	150	500	500	mg/m3
1491	Ferric ammonium citrate	1185-57-5	1	3	500	500	mg/m3
1492	Diisobutylaluminum hydride; (Diisobutylhydroaluminum)	1191-15-7	10.5	31.6	52.7	1000	ppm
1493	Benzyl aminopurine, 6-; (6-Benzyladenine)	1214-39-7	5	15	100	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1494	Ethidium bromide; (2,7-Diamino-10-ethyl-9-phenylphenanthridinium bromide)	1239-45-8	0.15	0.5	4	20	mg/m3
1495	Aluminum carbide	1299-86-1	1.33	4	6.67	35	mg/m3
1496	Xylidine	1300-73-8	5	5	5	50	ppm
1497	Sodium aluminate; (Aluminum sodium dioxide)	1302-42-7	6.08	6.08	6.08	6.08	mg/m3
1498	Lithium aluminum silicate; (Petalite)	1302-66-5	2	6	10	50	mg/m3
1499	Aluminum(III) silicate (2:1); (Kyanite; Oil-dri)	1302-76-7	3	9.01	75	400	mg/m3
1500	Bentonite; (Clay absorbent)	1302-78-9	10	30	50	50	mg/m3
1501	Arsenic pentoxide	1303-28-2	0.0153	1	7.7	7.7	mg/m3
1502	Boron oxide	1303-86-2	15	30	300	500	mg/m3
1503	Lithium tetraborate pentahydrate	1303-94-2	1	3	5	25	mg/m3
1504	Sodium borate decahydrate	1303-96-4	2	6	200	500	mg/m3
1505	Barium oxide	1304-28-5	0.558	1.67	2.79	55.8	mg/m3
1506	Barium dioxide; (Barium peroxide)	1304-29-6	0.617	0.617	1.5	7.5	mg/m3
1507	Beryllium oxide	1304-56-9	0.00555	0.0139	1.39	11.1	mg/m3
1508	Bismuth oxide	1304-76-3	20	60	400	500	mg/m3
1509	Bismuth hydroxide nitrate oxide; (White paint)	1304-85-4	7.5	20	150	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1510	Calcium hydroxide	1305-62-0	15	15	500	500	mg/m3
1511	Calcium oxide	1305-78-8	5	5	5	25	mg/m3
1512	**Calcium phosphide**	**1305-99-3**	0.05	0.15	**1.0**	**1.8**	ppm
1513	Hydroxyapatite; (Calcium hydroxyapatite)	1306-06-5	12.5	35	60	500	mg/m3
1514	Cadmium oxide	1306-19-0	0.00571	0.0343	4	10.3	mg/m3
1515	Cadmium sulfide	1306-23-6	0.00643	0.0386	11.6	11.6	mg/m3
1516	Ceric oxide	1306-38-3	6	20	150	500	mg/m3
1517	Cobalt(II) oxide	1307-96-6	0.127	0.127	20	75	mg/m3
1518	Cobalt oxide	1308-06-1	0.136	0.136	0.136	500	mg/m3
1519	Chromic trihydroxide; (Chromic(III) acid; Chromium hydroxide)	1308-14-1	0.991	1.25	10	49.5	mg/m3
1520	Chromite; (Chromite (mineral))	1308-31-2	1.08	3.23	5.38	500	mg/m3
1521	Chromic oxide; (Chromium(III) oxide, chromium sesquioxide)	1308-38-9	0.731	15	36.5	36.5	mg/m3
1522	Dysprosium oxide; (Dysprosium(III) oxide)	1308-87-8	20	60	400	500	mg/m3
1523	Europium oxide	1308-96-9	20	60	400	500	mg/m3
1524	Ferric hydroxide; (Iron(III) hydroxide)	1309-33-7	3.5	10	75	400	mg/m3
1525	Iron oxide; (Ferric oxide)	1309-37-1	5	15	40	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1526	Magnesium hydroxide	1309-42-8	75	200	500	500	mg/m3
1527	Magnesium oxide	1309-48-4	10	30	150	500	mg/m3
1528	Lead dioxide	1309-60-0	0.0577	0.1731	20	115	mg/m3
1529	Antimony oxide	1309-64-4	0.599	1.8	4	59.9	mg/m3
1530	Goethite; (Iron hydroxide oxide)	1310-14-1	5	7.5	12.5	250	mg/m3
1531	Germanium oxide	1310-53-8	0.75	2	15	500	mg/m3
1532	Potassium hydroxide	1310-58-3	0.1	0.3	2	125	mg/m3
1533	Lithium hydroxide	1310-65-2	0.05	0.15	1	100	mg/m3
1534	Lithium hydroxide monohydrate	1310-66-3	0.05	0.15	1	100	mg/m3
1535	**Sodium hydroxide**	**1310-73-2**	0.5	**0.5**	**5**	**50**	mg/m3
1536	Rubidium hydroxide	1310-82-3	2.5	7.5	50	250	mg/m3
1537	Indium oxide (vapor)	1312-43-2b	0.107	0.321	0.535	2.5	mg/m3
1538	Indium(III) oxide	1312-43-2a	0.121	0.363	100	500	mg/m3
1539	Potassium silicate; (Silicic acid, potassium salt)	1312-76-1	10	30	50	250	mg/m3
1540	Lanthanum oxide	1312-81-8	40	125	500	500	mg/m3
1541	Manganese dioxide	1313-13-9	0.317	4.75	79.1	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1542	Molybdenum trioxide	1313-27-5	7.5	7.5	7.5	500	mg/m3
1543	Sodium oxide; (Disodium oxide; Sodium monoxide)	1313-59-3	0.25	0.25	2.5	25	mg/m3
1544	Sodium peroxide	1313-60-6	10	10	10	10	mg/m3
1545	Sodium sulfide	1313-82-2	0.75	2.5	15	75	mg/m3
1546	Sodium sulfide nonahydrate	1313-84-4	0.2	0.6	4	20	mg/m3
1547	Niobium pentoxide; (Niobium(V) oxide)	1313-96-8	10	30	200	500	mg/m3
1548	Neodymium(III) oxide	1313-97-9	10	30	50	500	mg/m3
1549	Nickel oxide; (Nickel(II) oxide)	1313-99-1	1.27	1.27	12.7	12.7	mg/m3
1550	Thallium oxide	1314-12-1	0.104	0.312	0.52	15	mg/m3
1551	Zinc oxide	1314-13-2	2	10	15	500	mg/m3
1552	Thorium oxide; (Thorium dioxide)	1314-20-1	25	75	500	500	mg/m3
1553	Zirconium oxide	1314-23-4	6.75	13.5	13.5	67.5	mg/m3
1554	Phosphorus trioxide	1314-24-5	0.4	1.25	7.5	40	mg/m3
1555	Thallium(III) oxide	1314-32-5	0.4	1.25	2	20	mg/m3
1556	Vanadium trioxide	1314-34-7	0.0412	0.124	50	50	mg/m3
1557	Tungsten trioxide; (Tungsten(VI) oxide)	1314-35-8	6.31	12.6	400	400	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1558	Yttrium trioxide	1314-36-9	1.27	3.81	40	500	mg/m3
1559	Ytterbium oxide	1314-37-0	10	30	50	250	mg/m3
1560	Lead tetroxide	1314-41-6	0.0551	0.165	0.276	110	mg/m3
1561	**Phosphorus pentoxide**	**1314-56-3**	1	**1**	**10**	**50**	mg/m3
1562	Tantalum(V) oxide	1314-61-0	6.11	12.2	500	500	mg/m3
1563	Vanadium pentoxide; (Vanadium(V) oxide)	1314-62-1	0.05	0.075	0.5	35	mg/m3
1564	Rhenium oxide; (Rhenium(VII) oxide)	1314-68-7	1.3	3.9	6.5	30	mg/m3
1565	Phosphorus pentasulfide	1314-80-3	1	3	50	250	mg/m3
1566	**Zinc phosphide**	**1314-84-7**	0.05	0.15	**1.0**	**1.8**	ppm
1567	Lead sulfide	1314-87-0	0.0577	0.173	350	500	mg/m3
1568	Antimony pentasulfide	1315-04-4	0.829	2.49	4.15	82.9	mg/m3
1569	Molybdenum(IV) sulfide	1317-33-5	16.7	50.1	83.4	500	mg/m3
1570	Manganese(III) oxide	1317-34-6	0.287	4.31	71.8	500	mg/m3
1571	Manganese oxide; (Manganese tetroxide)	1317-35-7	0.278	0.833	69.4	500	mg/m3
1572	Lead oxide; (Lead monoxide)	1317-36-8	0.0539	0.0539	0.0539	108	mg/m3
1573	Cupric oxide	1317-38-0	0.125	0.376	0.626	125	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1574	Copper oxide	1317-39-1	0.113	3.38	15	113	mg/m3
1575	Copper(II) sulfide	1317-40-4	1.5	4.51	7.52	150	mg/m3
1576	Iron(II,III) oxide; (Ferrosoferric oxide; Iron(III) oxide)	1317-61-9	20.7	31.1	51.8	250	mg/m3
1577	Calcium carbonate; (Dolomite, Limestone)	1317-65-3	15	15	60	300	mg/m3
1578	Vermiculite, exfoliated	1318-00-9	10	30	50	250	mg/m3
1579	Montmorillonite	1318-93-0	30	30	30	30	mg/m3
1580	Cresols	1319-77-3	5	15	24.9	250	ppm
1581	Dichlorotetrafluoroethane	1320-37-2	1000	3000	15000	15000	ppm
1582	Trichloronaphthalene	1321-65-9	5	15	25	50	mg/m3
1583	Divinylbenzene, mixed isomers; (Vinylstyrene)	1321-74-0	10	10	75	350	ppm
1584	Potassium aluminosilicate	1327-44-2	5	30	50	500	mg/m3
1585	Arsenic acid	1327-52-2	0.0189	0.0568	3	55	mg/m3
1586	**Arsenic trioxide**	**1327-53-3**	0.0132	0.4	**3.0**	**9.1**	mg/m3
1587	**Xylenes**	**1330-20-7**	100	**130**	**920**	**2500**	ppm
1588	Sodium borate; (Disodium tetraborate; Borates, tetrasodium salts)	1330-43-4	2	6	6	500	mg/m3
1589	Methylcyclohexanone	1331-22-2	1.5	5	40	200	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1590	Dichloroethylbenzene; (Ethyldichlorobenzene)	1331-29-9	20	60	500	500	mg/m3
1591	Asbestos	1332-21-4	0.005	0.075	0.5	2.5	mg/m3
1592	Tin(II) oxide	1332-29-2	2.54	7.62	12.7	60	mg/m3
1593	Kaolin; (Aluminum silicate hydroxide)	1332-58-7	5	6	125	500	mg/m3
1594	Hydrogen	1333-74-0	65000	65000	230000	400000	ppm
1595	Chromic trioxide; (Chromium(VI) oxide (1:3))	1333-82-0	0.00962	0.00962	0.06	28.8	mg/m3
1596	Sodium bifluoride; (Sodium hydrogen fluoride)	1333-83-1	4.08	4.08	6	35	mg/m3
1597	Aluminum oxide hydrate	1333-84-2	15	15	15	75	mg/m3
1598	Carbon black	1333-86-4	3.5	10.5	17.5	500	mg/m3
1599	Lead acetate, basic; (Lead subacetate)	1335-32-6	0.065	0.195	130	130	mg/m3
1600	Hexachloronaphthalene	1335-87-1	0.2	0.2	0.2	2	mg/m3
1601	Ammonium hydroxide	1336-21-6	2	6	40	100	ppm
1602	Polychlorinated biphenyl; (Aroclor; PCBs)	1336-36-3	1	3	5	5	mg/m3
1603	Methyl ethyl ketone peroxide	1338-23-4	1	3	20	20	ppm
1604	Sorbitan, monolaurate	1338-39-2	350	500	500	500	mg/m3
1605	Sorbitan, monostearate	1338-41-6	400	500	500	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1606	Sorbitan, monooleate	1338-43-8	250	500	500	500	mg/m3
1607	Ammonium hydrogen fluoride; (Ammonium bifluoride)	1341-49-7	3.75	3.75	3.75	3.75	mg/m3
1608	Magnesium silicate; (Florisil)	1343-88-0	10	30	50	500	mg/m3
1609	Magnesium silicate hydrate	1343-90-4	10	30	50	250	mg/m3
1610	Silica gel dessicant	1343-98-2	6	18	30	100	mg/m3
1611	Sodium aluminosilicate	1344-00-9	3.5	10	150	500	mg/m3
1612	Silicic acid, aluminum calcium sodium salt	1344-01-0	10	30	50	250	mg/m3
1613	Silicic acid, sodium salt; (Sodium silicate)	1344-09-8	7.5	25	150	500	mg/m3
1614	Aluminum oxide; (Alumina)	1344-28-1	1.5	1.5	15	25	mg/m3
1615	Manganous oxide; (Manganese(II) oxide)	1344-43-0	0.258	0.775	6.46	150	mg/m3
1616	**Uranium(IV) oxide; (Uranium dioxide)**	**1344-57-6**	0.0567	0.681	**10**	**30**	mg/m3
1617	**Uranium trioxide**	**1344-58-7**	0.0601	0.5	**0.5**	**3**	mg/m3
1618	**Uranium oxide; (Triuranium octaoxide)**	**1344-59-8**	0.059	0.707	**10**	**50**	mg/m3
1619	Cerium trioxide	1345-13-7	2	6	40	200	mg/m3
1620	Antimycin A	1397-94-0	0.35	1	1.8	12.5	mg/m3
1621	Dinoterb; (2-(1,1-Dimethylethyl)-4,6-dinitrophenol)	1420-07-1	5	15	25	25	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1622	Diisopropyl methylphosphonate	1445-75-6	3.5	10	75	350	mg/m3
1623	Chlorosarin; (o-Isopropyl methylphosphonochloridate)	1445-76-7	0.00015	0.0005	0.006	0.022	ppm
1624	Trimethylgallium	1445-79-0	1.5	5	35	150	mg/m3
1625	Methyl alcohol-d	1455-13-6	200	250	1000	6000	ppm
1626	Bioxirane, 2,2'-; (1,2:3,4-Diepoxybutane)	1464-53-5	0.04	0.125	0.995	10	ppm
1627	Imidazole hydrochloride	1467-16-9	7.5	25	150	500	mg/m3
1628	Trifluoromethanesulfonic acid; (Triflic acid)	1493-13-6	0.1	0.3	2	10	ppm
1629	Fluoro-2-nitrobenzene, 1-; (o-Fluoronitrobenzene)	1493-27-2	7.5	25	150	500	mg/m3
1630	Triphenylethoxysilane	1516-80-9	10	30	50	250	mg/m3
1631	Tetracyanoquinodimethane	1518-16-7	0.4	1.25	10	50	mg/m3
1632	Fluoro-6-nitrophenol, 2-	1526-17-6	0.75	2.5	15	75	mg/m3
1633	Pivalic anhydride; (Trimethylacetic anhydride)	1538-75-6	10	30	50	250	mg/m3
1634	**Chloromethyl(trichloro)silane**	**1558-25-4**	0.2	**0.60**	**7.3**	**33**	ppm
1635	Ethyhexyloxy)ethanol, 2-(2-	1559-35-9	100	350	500	500	mg/m3
1636	Carbofuran	1563-66-2	0.1	0.3	0.43	0.5	mg/m3
1637	Trifluralin; (2,6-Dinitro-N,N-dipropyl-4-(trifluoromethyl) benzenamine)	1582-09-8	0.025	0.075	0.6	300	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1638	Vinylbenzylchloride; (4-Vinylbenzyl chloride)	1592-20-7	1.5	5	35	150	mg/m3
1639	Mercuric acetate	1600-27-7	0.159	0.159	0.159	15.9	mg/m3
1640	Diethyl pyrocarbonate	1609-47-8	10	30	200	500	mg/m3
1641	Butyl isocyanate, Tert-	1609-86-5	0.25	0.75	5	25	mg/m3
1642	Diethylaminoacetone	1620-14-0	0.5	1.5	10	50	ppm
1643	Chloroethanesulfonyl chloride, 2-	1622-32-8	1.25	3.5	25	150	mg/m3
1644	Strontium carbonate	1633-05-2	20	20	20	20	mg/m3
1645	**Methyl tert-butyl ether; (MTBE)**	**1634-04-4**	50	**50**	**570**	**5300**	ppm
1646	Butanaminium,N,N,N-tributyl bromide, 1-; (Tetrabutylammonium bromide)	1643-19-2	10	30	50	250	mg/m3
1647	Bathophenanthroline	1662-01-7	75	250	500	500	mg/m3
1648	Dichloromethane-d2	1665-00-5	25	200	750	4000	ppm
1649	Bisphenol A diglycidyl ether	1675-54-3	1.25	3.5	6	6	mg/m3
1650	Butylcyclohexane; (1-Cyclohexylbutane)	1678-93-9	1.5	5	40	200	ppm
1651	Tetrahydrofuran-d8	1693-74-9	100	100	500	5000	ppm
1652	Butyl acetoacetate, tert-	1694-31-1	20	60	400	500	mg/m3
1653	Isopropyl nitrate	1712-64-7	1.5	5	150	750	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1654	Bromopyrene, 3-	1714-29-0	10	30	50	250	mg/m3
1655	**Dichloro-1-fluoroethane, 1,1-; (HCFC-141b; Freon 141)**	**1717-00-6**	500	**1000**	**1700**	**3000**	ppm
1656	**Diethyldichlorosilane**	**1719-53-5**	0.3	**0.9**	**11**	**50**	ppm
1657	Allylmagnesium bromide	1730-25-2	10	30	50	250	mg/m3
1658	Dimethylimidizole, 1,2-	1739-84-0	4	12.5	75	400	mg/m3
1659	Dioxin; (TCDD; 2,3,7,8-tetrachlorodibenzo-p-dioxin)	1746-01-6	0.0006	0.0015	0.0075	0.0075	mg/m3
1660	Acetone thiosemicarbazide	1752-30-3	20	60	100	100	mg/m3
1661	Trimethoxysilylpropyl) ethylenediamine, N-(3-	1760-24-3	30	75	500	500	mg/m3
1662	Ammonium thiocyanate	1762-95-4	12.5	35	200	200	mg/m3
1663	Dibutyl phosphite	1809-19-4	12.5	40	250	500	mg/m3
1664	Trimethylsilylmethyllithium	1822-00-0	1.5	5	35	150	mg/m3
1665	Methoxytrimethylsilane	1825-61-2	0.05	0.5	2	5	ppm
1666	Vinylmagnesium bromide	1826-67-1	1.5	5	35	150	mg/m3
1667	Formic acid, 2-propenyl ester; (Allyl formate)	1838-59-1	4	12.5	75	400	mg/m3
1668	Ammonium benzoate	1863-63-4	3.5	10	75	350	mg/m3

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

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1669	**Phenyl Chloroformate; (Carbonochloridic acid, phenyl ester)**	**1885-14-9**	0.0075	0.025	**0.19**	**0.57**	ppm
1670	Hexachloropropene	1888-71-7	0.15	0.4	3	15	ppm
1671	Dithiodiethanol, 2,2-; (Dithiodiglycol)	1892-29-1	0.75	2	15	75	mg/m3
1672	Chlorothalonil; (Tetrachloroisophthalonitrile)	1897-45-6	3	7.5	30	30	mg/m3
1673	Paraquat dichloride	1910-42-5	0.5	0.5	0.5	1	mg/m3
1674	Nitrapyrin; (2-Chloro-6-(trichloromethyl)pyridine)	1929-82-4	15	20	20	400	mg/m3
1675	Potassium glycolate	1932-50-9	7.5	20	150	750	ppm
1676	Cyclohexyl methyl phosphonic acid	1932-60-1	10	30	50	250	mg/m3
1677	Direct Black 38; (Apomine black GX)	1937-37-7	25	75	500	500	mg/m3
1678	Tetrabutylammonium nitrate	1941-27-1	0.075	0.25	1.5	7.5	mg/m3
1679	Chloroxuron	1982-47-4	2	6	10	500	mg/m3
1680	Ethanediylbis(N-(carboxymethyl)glycine), N,N'-1,2-, dipotassium salt	2001-94-7	1.5	5	40	200	mg/m3
1681	Valinomycin	2001-95-8	0.5	1.5	2.5	2.5	mg/m3
1682	Methyltriethoxysilane	2031-67-6	6	15	125	600	ppm
1683	Bromoacetaldehyde diethyl acetul	2032-35-1	7.5	25	150	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1684	Methiocarb; (Mercaptodimethur)	2032-65-7	3	7.5	15	15	mg/m3
1685	Toluene-d8; (Deuterated toluene)	2037-26-5	50	200	510	2900	ppm
1686	Thorium oxalate	2040-52-0	42.1	126	210	500	mg/m3
1687	Di-N-amylamine	2050-92-2	0.06	0.2	1.25	6	ppm
1688	Butyl levulinate	2052-15-5	20	60	400	500	mg/m3
1689	Tetrabutylammonium hydroxide	2052-49-5	0.06	0.15	1.25	6	mg/m3
1690	Paraquat methosulfate; (Paraquat dimethyl sulphate)	2074-50-2	0.75	2	15	40	mg/m3
1691	Phenylsilatrane	2097-19-0	0.2	0.6	1	1	mg/m3
1692	EPN; (O-Ethyl-O-(4-nitrophenyl) phenylthiophosphonate)	2104-64-5	0.5	0.5	5	5	mg/m3
1693	Dichlorocyclohexane, 1,1-	2108-92-1	0.25	0.75	6	30	ppm
1694	Aldrithiol-2: (2,2'-Dithiodipyridene)	2127-03-9	10	30	50	250	mg/m3
1695	Dichlorohexane, 1,2-	2162-92-7	0.25	0.75	6	30	ppm
1696	Acetonitrile-d3	2206-26-0	40	60	60	500	ppm
1697	Methyl sulfoxide-d6; (Dimethyl-d6-sulfoxide)	2206-27-1	35	100	500	500	mg/m3
1698	Ethylheptane, 4-	2216-32-2	3	10	60	350	ppm
1699	Cadmium stearate; (Octadecanoic acid, cadmium salt)	2223-93-0	0.0303	0.182	13	54.6	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1700	Nickel(2+) stearate	2223-95-2	10.7	32	53.3	107	mg/m3
1701	Thiocarbazide; (Thiocarbohydrazide)	2231-57-4	20	60	100	100	mg/m3
1702	Octachloronaphthalene	2234-13-1	0.1	0.3	0.5	1	mg/m3
1703	Diglycidyl Ether	2238-07-5	0.01	10	10	10	ppm
1704	Nonanenitrile; (1-Octyl cyanide)	2243-27-8	26.8	26.8	30	150	ppm
1705	Butanol, aluminum salt, 2-	2269-22-9	18.3	54.8	91.3	400	mg/m3
1706	Prothoate; (Isopropyl diethyldithiophosphorylacetamide)	2275-18-5	0.35	1	1.7	7.5	mg/m3
1707	Iotalamic acid	2276-90-6	0.0161	0.0484	1.25	500	mg/m3
1708	Trifluoromethyl iodide; (Iodotrifluoromethane)	2314-97-8	2000	4000	4000	4000	ppm
1709	Spiro(isobenzofuran-1(3H),9'-(9H)xanthen)-3-one, 3',6'-dihydroxy-; (Fluorescein)	2321-07-5	0.4	1.25	7.5	250	mg/m3
1710	Ethoxyethyl methacrylate, 2-	2370-63-0	4	12.5	75	400	mg/m3
1711	Mirex; (Perchloropentacyclodecane)	2385-85-5	0.03	0.075	0.6	100	mg/m3
1712	Ethylmagnesium chloride; (Chloroethyl magnesium)	2386-64-3	10	30	50	250	mg/m3
1713	Bromoanisole, 99, 3-	2398-37-0	10	30	50	250	mg/m3
1714	Potassium nitrilotriacetate; (Potassium NTA)	2399-85-1	5	15	100	500	mg/m3
1715	Magnesium ethoxide	2414-98-4	47.1	141	235	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1716	Carbonyldiphthalic anhydride, 4,4'-	2421-28-5	10	30	50	250	mg/m3
1717	Bis(2,3-epoxypropoxy) butane, 1,4-	2425-79-8	30	100	500	500	mg/m3
1718	Butyl glycidyl ether, n-	2426-08-6	3	3	5.6	250	ppm
1719	Auramine; (4.4'-(Imidocarbonyl)bis(N,N-dimethylamine) monohydrochloride)	2465-27-2	2.5	7.5	60	60	mg/m3
1720	**Trimethoxysilane**	**2487-90-3**	0.05	**0.5**	**0.83**	**2.5**	ppm
1721	Oxydisulfoton	2497-07-6	0.6	2	3.5	3.5	mg/m3
1722	Dimethyl phosphorochloridothioate	2524-03-0	1.5	4	32	150	mg/m3
1723	Glycidoxypropyltrimethoxysilane; (3-(2,3-Epoxypropoxy) propyltrimetyh-oxysilane)	2530-83-8	150	400	500	500	mg/m3
1724	Trimethoxysilylpropyl methacrylate, 3-; (Silane A-174)	2530-85-0	6	15	125	500	mg/m3
1725	Chloropropyl)trimethoxysilane, 3-(; (3-(Trimethoxysilyl)propyl chloride)	2530-87-2	10	30	200	350	ppm
1726	Formothion	2540-82-1	0.05	0.15	0.27	10	mg/m3
1727	Sulfur hexafluoride	2551-62-4	1000	3000	5000	5000	ppm
1728	Nitrocyclohexene, 1-; (1-Nitrocyclohex-1-ene)	2562-37-0	0.35	1	7.5	40	ppm
1729	Pentadecylamine	2570-26-5	0.1	0.3	2	100	mg/m3
1730	Sulfonylbis-ethanol, 2,2'-	2580-77-0	1.5	5	35	150	mg/m3
1731	Methyl demeton methyl; (Phosphorothioic acid, O,O-dimethyl-S-(2-methylthio)ethyl ester)	2587-90-8	4	12.5	20	20	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1732	Formylpiperidine, 1-	2591-86-8	4	12.5	75	75	ppm
1733	Hydroxybenzotriazole, 1-; (1-Hydroxybenzotriazole hydrate)	2592-95-2	40	125	500	500	mg/m3
1734	Chloroethylchloromethylsulfide, 2-	2625-76-5	0.0035	0.01	0.02	0.32	ppm
1735	Promecarb; (m-Cym-5-yl methylcarbamate)	2631-37-0	3	10	16	25	mg/m3
1736	Cyanophos	2636-26-2	1.25	3.5	25	25	mg/m3
1737	Azinphos ethyl; (Ethyl guthion)	2642-71-9	0.75	2	3.9	150	mg/m3
1738	Hydrazine hydrochloride; (Hydrazine monochloride)	2644-70-4	0.0075	0.025	0.04	50	mg/m3
1739	Brilliant blue	2650-18-2	0.06	0.06	0.06	0.06	mg/m3
1740	Methylphosphonothioic acid-O-(4-nitrophenyl)-O-phenyl ester	2665-30-7	1.5	5	8	8	mg/m3
1741	Dimethylacrylamide, N,N-	2680-03-7	0.6	1.5	12.5	200	mg/m3
1742	Cyclotetramethylene tetranitramine; (HMX)	2691-41-0	0.04	0.125	0.75	500	mg/m3
1743	Nitrosyl chloride	2696-92-6	0.025	0.075	0.5	2.5	ppm
1744	**Chlorobenzylidene malononitrile, o-**	**2698-41-1**	0.005	**0.005**	**0.1**	**25**	mg/m3
1745	**Sulfuryl fluoride**	**2699-79-8**	5	10	**21**	**64**	ppm
1746	Methylphosphonothioic acid-O-ethyl O-(4-(methylthio)phenyl) ester	2703-13-1	2	6	10	10	mg/m3
1747	Thallous malonate	2757-18-8	0.125	0.375	2	18.7	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1748	Trimethyltriheptylamine, 6,6',6''-; (Triisooctylamine)	2757-28-0	10	15	125	500	mg/m3
1749	Muscimol; (5-Aminomethyl-3-isoxyzole)	2763-96-4	3.5	10	17	20	mg/m3
1750	Trimethoxyvinylsilane; (Vinyltrimethoxysilane; Silane, trimethoxyvinyl)	2768-02-7	150	400	1250	1250	ppm
1751	Endothion	2778-04-3	3.5	10	17	17	mg/m3
1752	Ethylene glycol monopropyl ether; (Propyl cellosolve; Ektasolve EP)	2807-30-9	4	12.5	75	1000	ppm
1753	Hydroxyethylidene-1,1-diphosphonic acid, 1-; (Hydroxyethylidine bisphosphonic acid, 1-)	2809-21-4	10	30	50	500	mg/m3
1754	Sodium glycolate; (Sodium hydroxyacetate)	2836-32-0	10	30	200	750	ppm
1755	**Chloro-1,1,1,2-tetrafluoroethane, 2-**	**2837-89-0**	1000	**1000**	**5000**	**10000**	ppm
1756	Methyldecane, 4-	2847-72-5	1.57	4.7	7.83	40	ppm
1757	Amino-2-methyl-2-propanol, 1-	2854-16-2	10	30	200	500	mg/m3
1758	Bromotrimethylsilane; (Trimethylsilyl bromide)	2857-97-8	1.5	5	35	150	mg/m3
1759	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	12.5	35	250	500	mg/m3
1760	Chlorpyrifos; (Dursban)	2921-88-2	0.1	0.6	15	20	mg/m3
1761	**Allyl chlorocarbonate**	**2937-50-0**	0.035	0.1	**0.70**	**2.1**	ppm
1762	**Ethylchlorothioformate**	**2941-64-2**	0.05	0.15	**0.26**	**0.79**	ppm
1763	Phenyltrimethoxysilane	2996-92-1	1.5	4	30	150	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1764	Ammonium citrate, dibasic	3012-65-5	10	10	10	10	mg/m3
1765	Methylethyl hydroperoxide, 1-; (Isopropyl hydroperoxide)	3031-75-2	0.6	2	12.5	60	mg/m3
1766	Oxybis(n,n-dimethylethanamine), 2,2'-; (Bis(2-dimethylaminoethyl) ether; DMAEE)	3033-62-3	0.05	0.15	15	15	ppm
1767	Aminobutyl)diethoxymethylsilane, (4-	3037-72-7	2	6	45	45	mg/m3
1768	Phosphonic acid, tridodecyl ester	3076-63-9	12.5	40	250	500	mg/m3
1769	Ethanol, titanium(4+) salt	3087-36-3	10	30	50	250	mg/m3
1770	Tetrapropylorthotitanate	3087-37-4	10	30	50	250	mg/m3
1771	Acetylaminofluorenone, 2-	3096-50-2	0.75	2.5	15	75	mg/m3
1772	Epibromohydrin	3132-64-7	1.25	3.5	25	125	mg/m3
1773	Ammonium tartrate; (Diammonium tartrate)	3164-29-2	1.5	5	40	200	mg/m3
1774	**Cyclohexyl isocyanate**	**3173-53-3**	0.004	0.0125	0.02	**0.10**	ppm
1775	Aminopropylmethyldiethoxysilane, 3-	3179-76-8	15	50	400	500	mg/m3
1776	Sodium o-benzyl-p-chlorophenate	3184-65-4	10	30	50	250	mg/m3
1777	Octanedione, 2,5-	3214-41-3	20	60	500	500	mg/m3
1778	Potassium tetraphenylborate	3244-41-5	1	3	5	25	mg/m3
1779	Copper nitrate; (Cupric nitrate)	3251-23-8	0.148	0.444	60	295	mg/m3

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

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1780	Phosphoric acid, dimethyl-p-(methylthio)phenyl ester	3254-63-5	1.25	4	7	7	mg/m3
1781	Octachlorodibenzodioxin, 1,2,3,4,6,7,8,9-; (OCDD, Octachlorodibenzo-p-dioxin)	3268-87-9	0.004	0.01	0.075	0.4	mg/m3
1782	Trimethylacetyl chloride; (Pivaloyl chloride)	3282-30-2	0.1	0.3	2	10	ppm
1783	Peroxydicarbonic acid, disodium salt	3313-92-6	7.5	25	150	500	mg/m3
1784	Butanephosphonic acid	3321-64-0	0.02	0.06	0.4	2	mg/m3
1785	Nickel(II) carbonate (1:1)	3333-67-3	2.02	2.02	2.02	20.2	mg/m3
1786	Nickel formate	3349-06-2	3.15	3.15	6	31.5	mg/m3
1787	Dichloroamine; (Chlorimide)	3400-09-7	0.25	0.75	6	30	ppm
1788	Hydroxyphenyl)benzothiazole, 2(2-	3411-95-8	35	100	500	500	mg/m3
1789	Dimethoxybutane, 2,2-	3453-99-4	7.5	20	150	750	ppm
1790	Butanediol dinitrate, 1,4-	3457-91-8	0.05	0.125	0.4	3	ppm
1791	Ammonium citrate tribasic	3458-72-8	10	30	50	250	mg/m3
1792	Dinitraniline orange; (Hansa orange RN)	3468-63-1	10	30	50	250	mg/m3
1793	Zinc carbonate	3486-35-9	5	15	100	500	mg/m3
1794	Trimethylhexane, 2,2,5-	3522-94-9	66.8	66.8	343	1500	ppm
1795	Bis(2-chloroethylthio)ethane, 1,2-; (Sesquimustard)	3563-36-8	0.06	0.15	1.25	6	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1796	Chloropropyl-n-octylsulfoxide, 3-	3569-57-1	1.5	5	8	500	mg/m3
1797	Dichloro-2-trifluoromethylbenzimidazole, 4,5-; (Chloroflurazole)	3615-21-2	2.5	7.5	13	13	mg/m3
1798	Xylenol orange tetrasodium salt	3618-43-7	10	30	50	250	mg/m3
1799	Lead arsenate	3687-31-8	0.012	0.012	0.012	30	mg/m3
1800	Sulfotep; (TEDP)	3689-24-5	0.2	0.5	3.5	10	mg/m3
1801	Chlorophacinone	3691-35-8	0.2	0.6	1	1	mg/m3
1802	Crotonic Acid	3724-65-0	4	12.5	75	400	mg/m3
1803	Amiton oxalate	3734-97-2	0.6	1.5	3	3	mg/m3
1804	Methyl phencapton	3735-23-7	2	6	11	100	mg/m3
1805	Methyl-4-penten-2-one, 4-	3744-02-3	25	25	25	1400	ppm
1806	Potassium chlorate	3811-04-9	12.5	40	300	350	mg/m3
1807	Fuberidazole	3878-19-1	0.6	2	3.3	125	mg/m3
1808	Chloroacetic acid, sodium salt	3926-62-3	2.38	7.14	40	40	mg/m3
1809	Tert-butylpyridine, 4-	3978-81-2	10	30	50	250	mg/m3
1810	Thiophosphoryl chloride	3982-91-0	1.25	4	25	60	mg/m3
1811	Bitoscanate; (1,4-Phenylenediisothiocyanic acid)	4044-65-9	4	12.5	20	20	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1812	Di(ethylene glycol) diacrylate	4074-88-8	1	3	20	100	mg/m3
1813	Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride, 1-(3-	4080-31-3	1	3	20	200	mg/m3
1814	Tris(2-aminoethyl)amine	4097-89-6	2	6	40	100	mg/m3
1815	Isophorone diisocyanate	4098-71-9	0.005	0.02	0.135	6	ppm
1816	Phosacetim	4104-14-7	0.75	2	3.7	3.7	mg/m3
1817	**Dichlorosilane**	**4109-96-0**	0.3	**0.90**	**11**	**50**	ppm
1818	Lithium diisopropylamide; (LDA)	4111-54-0	10	30	50	250	mg.m3
1819	Ethenylsilanetriol triacetate	4130-08-9	10	30	50	250	mg/m3
1820	Bis(1,1-dimethylethyl)-4-ethylphenol, 2,6-	4130-42-1	4	12.5	75	400	mg/m3
1821	Dimethylammonium N,N-dimethylcarbamate	4137-10-4	1.5	5	35	150	mg/m3
1822	**Crotonaldehyde, cis-**	**4170-30-3**	0.19	**0.19**	**4.4**	**14**	ppm
1823	Diethylene glycol di(3-aminopropyl) ether; (Polyglycol diamine)	4246-51-9	15	50	350	500	mg/m3
1824	Methyltriacetoxysilane	4253-34-3	7.5	25	150	500	mg/m3
1825	Diisopropylamino)ethyl chloride hydrochloride, 2-(-	4261-68-1	0.0125	0.035	0.25	1.25	mg/m3
1826	Fluenetil	4301-50-2	1.25	3.5	6	6	mg/m3
1827	Bromomethyl-1,3-dioxolane, 2-	4360-63-8	7.5	25	150	500	mg/m3

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

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1828	Thiobis(4-chloro-6-methyl)phenol, 2,2'-	4418-66-0	0.25	0.75	1.3	1.3	mg/m3
1829	Trimethoxysilyl-1-Propanethiol, 3-; (3-Mercaptopropyltrimethoxysilane)	4420-74-0	3	7.5	60	300	mg/m3
1830	Morpholino)ethanesulfonic acid monohydrate, 2-(N-	4432-31-9	1.25	4	25	125	mg/m3
1831	Butylene carbonate; (1,2-Butanediol, cyclic carbonate)	4437-85-8	20	60	400	500	mg/m3
1832	Cyclohexylethanol, 2-	4442-79-9	4	10	75	400	mg/m3
1833	**Dodecyltrichlorosilane**	**4484-72-4**	0.2	**0.60**	**7.3**	**33**	ppm
1834	Lithium stearate	4485-12-5	60	150	500	500	mg/m3
1835	Tetrapropylammonium hydroxide	4499-86-9	0.15	0.5	3.5	15	mg/m3
1836	Dimethylaminoethyl chloride hydrochloride, 2-	4584-46-7	0.6	2	15	100	mg/m3
1837	Farnesol	4602-84-0	25	75	500	500	mg/m3
1838	Chlorobutyryl chloride, 4-	4635-59-0	2.5	7.5	50	250	mg/m3
1839	Paraquat	4685-14-7	0.15	0.2	1.5	150	mg/m3
1840	Triazine-1,3,5(2H,4H,6H)-triethanol, s-; (Onyxide 200)	4719-04-4	3	10	60	350	mg/m3
1841	Trioctylphosphine; (Tri-n-octylphosphine)	4731-53-7	0.5	1.5	10	50	mg/m3
1842	Dibutylhexamethylenediamine, N,N'-	4835-11-4	1	3	22	75	mg/m3
1843	Dimethyl-2-pentene, (E)-3,4-	4914-92-5	0.4	1.25	7.5	40	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1844	Sodium cyclopentadienylide; (Cyclopentadienyl sodium)	4984-82-1	10	30	50	250	mg/m3
1845	Aminopyrazine	5049-61-6	0.5	1.5	2.5	5	ppm
1846	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	75	250	500	500	mg/m3
1847	Methylene bis(4-isocyanatocyclohexane), 1,1'-	5124-30-1	0.005	0.005	0.01	0.15	ppm
1848	Methyltrioctylammonium chloride	5137-55-3	0.75	2.5	20	100	mg/m3
1849	C.I. pigment red 53:1; (5-Chloro-2-((2-hydroxy-1-naphthyl)azo)-p-toluene sulfonic acid, barium salt)	5160-02-1	12.5	35	250	500	mg/m3
1850	Zinc carbonate hydroxide	5263-02-5	10	30	50	250	mg/m3
1851	Tetraoxatetracosan-1-ol, 3,6,9,12-; ((Laurel alcohol tri(oxyethylene) ethanol; BRIJ 30)	5274-68-0	10	30	50	250	mg/m3
1852	**Octyltrichlorosilane**	**5283-66-9**	0.2	**0.60**	**7.3**	**33**	ppm
1853	**Nonyltrichlorosilane**	**5283-67-0**	0.2	**0.60**	**7.3**	**33**	ppm
1854	Sulfamic acid	5329-14-6	12.5	40	250	500	mg/m3
1855	Methoxypropylamine, 3-; (3-MPA)	5332-73-0	5	15	15	40	ppm
1856	Hydrazine, dihydrochloride	5341-61-7	25	75	500	500	mg/m3
1857	Chlorophenyl thiourea, 2-	5344-82-1	0.75	2.5	4.6	4.6	mg/m3
1858	Pigment yellow 14	5468-75-7	20	60	400	500	mg/m3
1859	Hydroxylamine chloride; (Hydroxylamine hydrochloride)	5470-11-1	10	35	60	60	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1860	Nitropyrene, 1-	5522-43-0	0.1	0.3	2	10	mg/m3
1861	Tetrabutyl ammonium phosphate	5574-97-0	10	30	50	250	mg/m3
1862	Tetrabutyl titanate; (Butyl titanate)	5593-70-4	0.75	2.5	20	100	ppm
1863	Sulfur pentafluoride	5714-22-7	0.01	0.01	0.01	1	ppm
1864	Carbethoxyethylidine(triphenylphosphorane)	5717-37-3	10	30	50	250	mg/m3
1865	Calcium oxalate, hydrate	5794-28-5	10	30	50	250	mg/m3
1866	Dihydroxynaphthalene-2,7-disulfonic acid, disodium salt dihydrate, 4,5-	5808-22-0	10	30	50	250	mg/m3
1867	Mustard gas sulfoxide; (bis(2-chloroethyl)sulfoxide)	5819-08-9	0.4	1.25	7.5	40	mg/m3
1868	Coumatetralyl; (Endrocide)	5836-29-3	3	10	16.5	16.5	mg/m3
1869	Citric acid monohydrate	5949-29-1	1.5	4	30	150	mg/m3
1870	Sorbitan monolaurate; (D-Glucitol, 1,4-anhydro-, 6-dodecanoate)	5959-89-7	10	30	50	250	mg/m3
1871	Tetrapotassium ethylenediaminetetraacetate; (EDTA tetrapotassium salt)	5964-35-2	4	15	75	400	mg/m3
1872	Lactose, beta-D; (beta-D-Glucopyranose, 4-O-beta-D-galactopyranosyl-)	5965-66-2	10	30	50	250	mg/m3
1873	Sulfosalicylic acid, dihydrate, crystal	5965-83-3	7.5	20	150	500	mg/m3
1874	Sodium carbonate monohydrate	5968-11-6	1.5	5	35	150	mg/m3
1875	Zinc acetate dihydrate	5970-45-6	25	75	350	350	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1876	Ammonium oxalate monohydrate	5972-73-6	1.5	4	30	150	mg/m3
1877	Limonene, d-	5989-27-5	30	90	150	350	ppm
1878	Gallic acid monohydrate	5995-86-8	15	50	350	500	mg/m3
1879	Sodium glycinate	6000-44-8	1	3.5	25	125	ppm
1880	Ammonium oxalate; (Diammonium oxalate monohydrate)	6009-70-7	1.5	4	30	150	mg/m3
1881	Nickel acetate tetrahydrate	6018-89-9	4.24	4.24	4.24	42.4	mg/m3
1882	Nickel oxalate (liquids)	6018-94-6a	2.5	2.5	2.5	25	mg/m3
1883	Nickel oxalate (solids)	6018-94-6b	2.5	2.5	2.5	25	mg/m3
1884	Pentanol, 2-; (sec-amyl alcohol; Methyl propyl carbinol; Isoamyl alcohol, secondary)	6032-29-7	100	125	125	500	ppm
1885	Copper(II) acetate monohydrate	6046-93-1	0.314	7.5	60	300	mg/m3
1886	Tantalum(V) ethoxide	6074-84-6	10	30	50	250	mg/m3
1887	Lead acetate(II), trihydrate; (Bis(acetato)trihydroxytrilead)	6080-56-4	0.0915	0.275	100	183	mg/m3
1888	Phloroglucinol dihydrate	6099-90-7	4	12.5	75	400	mg/m3
1889	Potassium citrate, monohydrate	6100-05-6	10	30	50	250	mg/m3
1890	Sodium succinate, hexahydrate	6106-21-4	35	100	500	500	mg/m3
1891	Sodium tartrate dihydrate	6106-24-7	5	15	100	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1892	Lithium acetate dihydrate	6108-17-4	12.5	35	250	500	mg/m3
1893	Sodium acetate trihydrate; (Acetic acid, sodium salt trihydrate)	6131-90-4	15	40	300	500	mg/m3
1894	Citric acid, trisodium salt, dihydrate	6132-04-3	6	20	125	500	mg/m3
1895	Cobalt acetate tetrahydrate; (Cobaltous acetate tetrahydrate)	6147-53-1	3	7.5	60	300	mg/m3
1896	Oxalic acid dihydrate	6153-56-6	1	2	100	500	mg/m3
1897	Acetic acid, manganese(2+) salt, tetrahydrate	6156-78-1	0.892	2.68	22.3	500	mg/m3
1898	Toluenesulphonic acid monohydrate, para-; (4-Methylbenzenesulphonic acid monohydrate)	6192-52-5	10	30	200	500	mg/m3
1899	Phenylxylylethane; (PXE)	6196-95-8	10	30	50	250	mg/m3
1900	Barium diphenylamine sulfonate	6211-24-1	2.31	6.92	11.5	231	mg/m3
1901	Hypophosphorus acid; (Phosphinic acid)	6303-21-5	10	30	50	250	mg/m3
1902	Carbazole violet	6358-30-1	75	250	500	500	mg/m3
1903	Sodium potassium tartrate tetrahydrate	6381-59-5	20	60	400	500	mg/m3
1904	Ethylenediaminetetraacetic acid, disodium salt, dihydrate	6381-92-6	10	30	50	250	mg/m3
1905	Dinitro-p-toluidine, 2,6-; (4-Amino-3,5-dinitrotoluene)	6393-42-6	2.5	7.5	50	250	mg/m3
1906	Dipentyl pentylphosphonate	6418-56-0	25	75	500	500	mg/m3
1907	Nitrilotris tri-phosphonic acid; (Amino, tris[methylene phosphonic acid])	6419-19-8	10	10	35	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1908	**Propylene glycol dinitrate**	**6423-43-4**	0.05	**0.17**	**1.0**	**13**	ppm
1909	Ammonium nitrate	6484-52-2	10	10	10	500	mg/m3
1910	Lanthanum carbonate	6487-39-4	10	30	50	250	mg/m3
1911	Potassium oxalate monohydrate	6487-48-5	7.5	25	150	500	mg/m3
1912	Thallium(I) carbonate (2:1)	6533-73-9	0.4	1.25	2	10	mg/m3
1913	**BZ; (3-Quinuclidinyl benzilate)**	**6581-06-2**	0.006	0.02	**0.033**	**0.62**	mg/m3
1914	Chlorocyclohexanol, trans-2-	6628-80-4	3.5	10	75	400	mg/m3
1915	Diazabicyclo(5.4.0)undec-7-ene, 1,8-	6674-22-2	1.5	5	35	150	mg/m3
1916	Sodium silicate; (Sodium metasilicate)	6834-92-0	75	200	500	500	mg/m3
1917	Dimethoxydiphenylsilane	6843-66-9	0.15	0.5	3.5	15	mg/m3
1918	Amino-2-(hydroxymethyl)-1,3-propanediol, 2-, acetate salt; (Trizma acetate)	6850-28-8	25	75	500	500	mg/m3
1919	Laromin C 260; (bis(4-Amino-3-methylcyclohexyl) methane; Dimethyldicyane)	6864-37-5	1.5	5	35	150	mg/m3
1920	Barium stearate	6865-35-6	10	30	200	500	mg/m3
1921	Dithioerythritol, 1,4-	6892-68-8	1.25	4	25	125	mg/m3
1922	Benzylmagnesium chloride	6921-34-2	1.5	5	35	150	mg/m3
1923	Dichloropropene, cis-1,2-; (1,2-dichloro-1-propene, (Z)-)	6923-20-2	1.5	5	40	200	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1924	Monocrotophos	6923-22-4	0.05	0.15	0.63	25	mg/m3
1925	Chlorophenyl phenyl ether, 4-	7005-72-3	0.0025	0.0075	0.05	0.25	mg/m3
1926	Chlorosoman; (o-Pinacolyl methylphosphonochloridate)	7040-57-5	0.03	0.075	0.6	3	ppm
1927	Diisopropylethylamine, N,N-	7087-68-5	2	6	40	200	ppm
1928	Phenyl-2-oxzaoline, 2-	7127-19-7	1	3	5	25	ppm
1929	Didecyldimethylammonium chloride	7173-51-5	1.5	5	35	35	mg/m3
1930	Pyridine-d5	7291-22-7	5	15	25	100	ppm
1931	Nonoxynol-4	7311-27-5	10	30	50	250	mg/m3
1932	Potassium pyrophosphate; (Tetrapotassium diphosphorate)	7320-34-5	10	30	500	500	mg/m3
1933	Aluminum acetate, basic	7360-44-3	4.45	13.3	22.2	100	mg/m3
1934	Hydroxyethyl)-1-piperazineethanesulfonic acid, 4-(2-	7365-45-9	1.25	4	25	125	mg/m3
1935	Dihexyl((diethylcarbamoyl)methyl)phosphonate; (Dihexyl-N,N-diethylcarbamoylmethyl phosphonate)	7369-66-6	4	12.5	75	400	mg/m3
1936	Diallyldimethylammonium chloride	7398-69-8	25	75	500	500	mg/m3
1937	Aluminum	7429-90-5	15	15	15	75	mg/m3
1938	Dysprosium	7429-91-6	10	30	50	250	mg/m3
1939	Iridium	7439-88-5	6	20	125	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1940	Iron	7439-89-6	1.5	4	30	500	mg/m3
1941	Krypton	7439-90-9	65000	65000	230000	400000	ppm
1942	Lanthanum	7439-91-0	10	30	50	250	mg/m3
1943	Lead	7439-92-1	0.05	0.15	0.25	100	mg/m3
1944	Lithium	7439-93-2	10	30	50	400	mg/m3
1945	Lutetium	7439-94-3	1.5	5	35	150	mg/m3
1946	Magnesium	7439-95-4	1.25	4	30	150	mg/m3
1947	Manganese	7439-96-5	0.2	3	5	500	mg/m3
1948	**Mercury vapor**	**7439-97-6**	0.025	0.3	**2.05**	**4.10**	mg/m3
1949	Molybdenum	7439-98-7	10	30	50	500	mg/m3
1950	Neodymium	7440-00-8	0.00075	0.0025	0.02	0.1	mg/m3
1951	Neon	7440-01-9	65000	65000	230000	400000	ppm
1952	Nickel	7440-02-0	1	4.5	10	10	mg/m3
1953	Niobium	7440-03-1	40	125	500	500	mg/m3
1954	Osmium	7440-04-2	0.25	0.75	6	30	mg/m3
1955	Palladium	7440-05-3	10	30	50	200	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1956	Platinum	7440-06-4	1	3	4	4	mg/m3
1957	Potassium	7440-09-7	0.075	0.2	1.5	300	mg/m3
1958	Praseodymium	7440-10-0	1.5	5	35	150	mg/m3
1959	Rhodium	7440-16-6	0.1	3	5	100	mg/m3
1960	Rubidium	7440-17-7	5	15	100	500	mg/m3
1961	Ruthenium	7440-18-8	10	30	50	250	mg/m3
1962	Samarium	7440-19-9	10	30	50	250	mg/m3
1963	Scandium	7440-20-2	10	30	50	250	mg/m3
1964	Silicon	7440-21-3	15	45	75	500	mg/m3
1965	Silver	7440-22-4	0.01	0.3	0.5	10	mg/m3
1966	Sodium	7440-23-5	0.5	0.5	5	50	mg/m3
1967	Strontium	7440-24-6	10	30	50	250	mg/m3
1968	Tantalum	7440-25-7	5	10	500	500	mg/m3
1969	Terbium	7440-27-9	1.5	5	35	150	mg/m3
1970	Thallium	7440-28-0	0.1	0.3	2	15	mg/m3
1971	Thorium	7440-29-1	0.2	0.6	4	20	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1972	Thulium	7440-30-4	10	30	50	250	mg/m3
1973	Tin	7440-31-5	2	6	100	100	mg/m3
1974	Titanium	7440-32-6	10	30	50	50	mg/m3
1975	Tungsten	7440-33-7	5	10	10	500	mg/m3
1976	Antimony	7440-36-0	0.5	1.5	20	50	mg/m3
1977	Argon	7440-37-1a	65000	65000	230000	400000	ppm
1978	Argon, cryogenic	7440-37-1b	65000	65000	230000	400000	ppm
1979	Arsenic	7440-38-2	0.01	0.35	2	350	mg/m3
1980	Barium	7440-39-3	0.5	1.5	50	250	mg/m3
1981	**Beryllium**	**7440-41-7**	0.002	0.01	**0.025**	**0.1**	mg/m3
1982	Boron	7440-42-8	2.5	7.5	50	250	mg/m3
1983	Cadmium and compounds, as Cd.	7440-43-9	0.005	0.03	1.25	9	mg/m3
1984	Carbon; (Graphite, synthetic)	7440-44-0	2	6	10	500	mg/m3
1985	Cerium	7440-45-1	10	30	50	250	mg/m3
1986	Cesium	7440-46-2	6	20	150	500	mg/m3
1987	Chromium	7440-47-3	1	1.5	2.5	250	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1988	Cobalt	7440-48-4	0.1	3	20	20	mg/m3
1989	Copper	7440-50-8	1	1	1	100	mg/m3
1990	Europium	7440-53-1	10	30	50	250	mg/m3
1991	Gadolinium	7440-54-2	500	500	500	500	mg/m3
1992	Gallium	7440-55-3	10	30	50	250	mg/m3
1993	Germanium	7440-56-4	0.0125	0.035	0.25	500	mg/m3
1994	Gold	7440-57-5	7.5	25	100	100	mg/m3
1995	Hafnium	7440-58-6	0.5	1.5	2.5	50	mg/m3
1996	Helium	7440-59-7	65000	65000	230000	400000	ppm
1997	Holmium	7440-60-0	7.5	25	150	500	mg/m3
1998	Uranium	7440-61-1	0.05	0.6	2	10	mg/m3
1999	Vanadium	7440-62-2	0.05	0.15	0.5	35	mg/m3
2000	Xenon	7440-63-3	65000	65000	230000	400000	ppm
2001	Yttrium	7440-65-5	1	3	5	500	mg/m3
2002	Zinc	7440-66-6	10	30	50	200	mg/m3
2003	Zirconium compounds (as Zr)	7440-67-7	5	10	10	50	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2004	Bismuth	7440-69-9	1.5	5	40	200	mg/m3
2005	Calcium	7440-70-2	10	30	50	250	mg/m3
2006	Indium	7440-74-6	0.1	0.1	0.6	3.5	mg/m3
2007	Tellurium oxide; (Tellurium dioxide)	7446-07-3	0.125	0.375	5	31.3	mg/m3
2008	Selenium dioxide	7446-08-4	0.281	0.843	1.4	1.4	mg/m3
2009	**Sulfur dioxide**	**7446-09-5**	0.2	**0.20**	**0.75**	**30**	ppm
2010	**Sulfur trioxide**	**7446-11-9**	0.06	**0.20**	**8.7**	**160**	mg/m3
2011	Lead sulfate; (Sulfuric acid, lead(2+) salt (1:1))	7446-14-2	0.0732	0.2196	30	146	mg/m3
2012	Thallium(I) sulfate; (Sulfuric acid, dithallium(1+) salt)	7446-18-6	0.123	0.37	0.617	1.5	mg/m3
2013	Zinc sulfate heptahydrate (1:1:7)	7446-20-0	100	200	200	200	mg/m3
2014	Lead phosphate	7446-27-7	0.0653	0.196	30	150	mg/m3
2015	Zirconium sulfate tetrahydrate	7446-31-3	19.5	39	39	195	mg/m3
2016	Selenium monosulfide	7446-34-6	0.281	0.844	12.5	15	mg/m3
2017	Aluminum chloride	7446-70-0	4.94	7.5	60	500	mg/m3
2018	Copper(II) chloride (1:2); (Cupric chloride)	7447-39-4	0.106	0.317	0.529	3	mg/m3
2019	Potassium chloride	7447-40-7	1.5	5	15	15	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2020	Lithium chloride	7447-41-8	0.5	1.5	10	60	mg/m3
2021	Magnesium sulfate (1:1)	7487-88-9	0.5	1.5	10	125	mg/m3
2022	Mercury(II) chloride; (Mercury bichloride)	7487-94-7	0.0338	2	13.5	13.5	mg/m3
2023	Tin(II) sulfate; (Stannous sulfate)	7488-55-3	3.62	10.9	18.1	181	mg/m3
2024	Selenium sulfide; (Selenium(IV) disulfide (1:2))	7488-56-4	0.362	1.09	1.81	60	mg/m3
2025	**Butyltrichlorosilane**	**7521-80-4**	0.2	**0.60**	**7.3**	**33**	ppm
2026	Mercurous chloride; (Mercury monochloride)	7546-30-7	0.0294	0.0883	0.118	11.8	mg/m3
2027	Lithium bromide	7550-35-8	1	7	15	500	mg/m3
2028	**Titanium tetrachloride**	**7550-45-0**	0.0645	**0.645**	**1.0**	**5.7**	ppm
2029	**Iodine**	**7553-56-2**	0.01	**0.1**	**0.5**	**5**	ppm
2030	Sodium phosphate, dibasic	7558-79-4	60	200	500	500	mg/m3
2031	Sodium phosphate, monobasic	7558-80-7	35	100	500	500	mg/m3
2032	Dichloroacetylene	7572-29-4	0.5	1.5	4	4	ppm
2033	**Lithium hydride**	**7580-67-8**	0.025	**0.025**	**0.100**	**0.500**	mg/m3
2034	Sodium phosphate, tribasic	7601-54-9	1.5	5	500	500	mg/m3
2035	Sodium perchlorate	7601-89-0	10	30	50	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2036	Perchloric acid	7601-90-3	1	3.5	20	100	ppm
2037	Perchloryl fluoride; (Chlorine oxyfluoride)	7616-94-6	3	6	20	100	ppm
2038	Silica amorphous hydrated	7631-86-9	6	18	125	500	mg/m3
2039	Sodium arsenate	7631-89-2	0.0271	7.5	13.5	13.5	mg/m3
2040	Sodium bisulfite	7631-90-5	5	15	25	500	mg/m3
2041	Sodium dithionate dihydrate	7631-94-9	10	30	50	250	mg/m3
2042	Molybdic acid, disodium salt; (Disodium molybdate)	7631-95-0	10.7	10.7	10.7	500	mg/m3
2043	Dodecylsarcosine sodium salt, N-; (N-laurel sarcosine sodium salt)	7631-98-3	1.5	4	30	150	mg/m3
2044	Sodium nitrate	7631-99-4	0.4	1	7.5	100	mg/m3
2045	Sodium nitrite	7632-00-0	0.05	0.15	1	60	mg/m3
2046	Perboric acid, sodium salt	7632-04-4	0.5	1.5	10	500	mg/m3
2047	Sodium phosphate	7632-05-5	0.75	2.5	15	75	mg/m3
2048	Ammonium citrate	7632-50-0	10	10	30	150	mg/m3
2049	Vanadium tetrachloride	7632-51-1	0.6	2	12.5	60	mg/m3
2050	Ceric ammonium sulfate	7637-03-8	42.9	129	214	500	mg/m3
2051	**Boron trifluoride**	**7637-07-2**	0.75	**2.5**	**37**	**110**	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2052	Sodium hydride	7646-69-7	10	10	10	10	mg/m3
2053	Stannic chloride; (Tin(IV) chloride; Tin(IV) tetrachloride)	7646-78-8	4.39	4.39	5	219	mg/m3
2054	Cobalt chloride	7646-79-9	0.0441	0.132	25	500	mg/m3
2055	Zinc chloride	7646-85-7	1	2	50	50	mg/m3
2056	Potassium bisulfate	7646-93-7	10	30	200	500	mg/m3
2057	**Hydrogen chloride; (Hydrochloric acid)**	**7647-01-0**	0.5	**1.8**	**22**	**100**	ppm
2058	Palladium chloride	7647-10-1	0.15	0.4	3	500	mg/m3
2059	Sodium chloride	7647-14-5	15	40	300	500	mg/m3
2060	Sodium bromide	7647-15-6	1.5	5	35	500	mg/m3
2061	Cesium chloride	7647-17-8	0.4	1.25	10	500	mg/m3
2062	Antimony pentachloride	7647-18-9	1.23	3.68	6.14	123	mg/m3
2063	Phosphorous pentafluoride	7647-19-0	0.644	1.5	12.5	64.4	ppm
2064	Phosphoric acid	7664-38-2	1	3	500	500	mg/m3
2065	**Hydrogen fluoride; (Hydrofluoric acid)**	**7664-39-3**	1	**1.0**	**24**	**44**	ppm
2066	**Ammonia**	**7664-41-7**	25	**30**	**160**	**1100**	ppm
2067	**Sulfuric acid**	**7664-93-9**	0.2	**0.20**	**8.7**	**160**	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2068	Potassium iodide	7681-11-0	0.25	0.75	6	300	mg/m3
2069	Sodium bisulfate; (Sodium acid sulfate)	7681-38-1	1.25	3.5	25	125	mg/m3
2070	Sodium fluoride	7681-49-4	5.53	5.53	5.53	75	mg/m3
2071	Sodium hypochlorite	7681-52-9	0.6	2	50	500	mg/m3
2072	Sodium hypophosphite	7681-53-0	6	20	125	500	mg/m3
2073	Sodium iodate	7681-55-2	2	6	40	200	mg/m3
2074	Sodium metabisulfite	7681-57-4	5	15	25	100	mg/m3
2075	Sodium iodide	7681-82-5	0.75	2.5	15	500	mg/m3
2076	Potassium hydride	7693-26-7	1.5	5	35	150	mg/m3
2077	**Nitric acid**	**7697-37-2**	0.53	**0.53**	**24**	**92**	ppm
2078	Deuterochloric acid; (Deuterium chloride)	7698-05-7	2	2	5	50	ppm
2079	Silicic acid	7699-41-4	10	10	75	400	mg/m3
2080	Zirconyl chloride; (Zirconium oxychloride)	7699-43-6	9.76	19.5	97.6	97.6	mg/m3
2081	Zinc bromide	7699-45-8	10	30	50	200	mg/m3
2082	Sulfur	7704-34-9	0.125	0.4	2.5	12.5	mg/m3
2083	Titanium hydride	7704-98-5	1.5	5	35	150	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2084	Zirconium hydride	7704-99-6	5.11	10.2	51.1	51.1	mg/m3
2085	Titanium chloride	7705-07-9	0.5	1.5	10	50	mg/m3
2086	Ferric chloride	7705-08-0	2.9	3.5	25	125	mg/m3
2087	Nickel chloride; (Nickelous chloride)	7718-54-9	2.21	2.21	2.21	22.1	mg/m3
2088	**Thionyl chloride**	**7719-09-7**	0.06	**0.2**	**2.4**	**14**	ppm
2089	**Phosphorus trichloride**	**7719-12-2**	0.34	**0.34**	**2.0**	**5.6**	ppm
2090	Ferrous sulfate	7720-78-7	2.72	8.16	13.6	350	mg/m3
2091	Potassium permanganate	7722-64-7	0.575	8.63	14.4	125	mg/m3
2092	Ammonium dihydrogen phosphate; (Monoammonium phosphate)	7722-76-1	15	50	350	500	mg/m3
2093	**Hydrogen peroxide**	**7722-84-1**	1	**10**	**50**	**100**	ppm
2094	Hydrogen peroxide - 30%	7722-84-1a	10	33.3	167	333	ppm
2095	Tetrasodium pyrophosphate	7722-88-5	5	15	25	500	mg/m3
2096	Phosphorus (red)	7723-14-0	0.04	0.125	0.75	4	mg/m3
2097	**Bromine**	**7726-95-6**	0.033	**0.033**	**0.24**	**8.5**	ppm
2098	Vanadium, trichlorooxo	7727-18-6	0.075	0.25	1.5	7.5	ppm
2099	Potassium persulfate; (Dipotassium persulfate)	7727-21-1	0.1	0.3	60	350	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2100	Barium sulfate	7727-43-7	15	30	350	500	mg/m3
2101	Ammonium persulfate	7727-54-0	0.1	0.3	20	100	mg/m3
2102	Buffer solution, aequeous	7732-18-5	500	500	500	500	mg/m3
2103	Zinc sulfate	7733-02-0	0.15	0.5	3.5	500	mg/m3
2104	Chromic(VI) acid	7738-94-5	0.0113	0.339	6	34	mg/m3
2105	Potassium nitrate	7757-79-1	1	3.5	25	500	mg/m3
2106	Sodium sulfate, anhydrous	7757-82-6	10	30	500	500	mg/m3
2107	Sodium sulfite	7757-83-7	10	30	50	100	mg/m3
2108	Potassium bromate	7758-01-2	0.1	0.3	60	60	mg/m3
2109	Potassium bromide	7758-02-3	12.5	40	250	500	mg/m3
2110	Potassium iodate	7758-05-6	20	60	60	60	mg/m3
2111	Potassium nitrite	7758-09-0	0.04	0.1	0.75	500	mg/m3
2112	Potassium phosphate, dibasic	7758-11-4	10	30	50	250	mg/m3
2113	Sodium pyrophosphate, di-	7758-16-9	10	30	200	500	mg/m3
2114	Sodium chlorite	7758-19-2	0.75	2.5	15	75	mg/m3
2115	Sodium tripolyphosphate	7758-29-4	10	30	50	500	mg/m3

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

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2116	Cerium fluoride	7758-88-5	8.65	25.9	43.2	500	mg/m3
2117	Copper(I) chloride; (Cuprous chloride)	7758-89-6	0.0779	0.234	0.4	60	mg/m3
2118	Ferrous chloride	7758-94-3	2.27	6.81	11.3	200	mg/m3
2119	Lead chloride	7758-95-4	0.0671	0.201	7.5	134	mg/m3
2120	Lead chromate	7758-97-6	0.0311	0.186	1	93.2	mg/m3
2121	Copper sulfate	7758-98-7	2.51	2.51	6	40	mg/m3
2122	Copper(II) sulfate pentahydrate	7758-99-8	0.393	1.18	150	200	mg/m3
2123	Strontium sulfate	7759-02-6	10	30	50	250	mg/m3
2124	Magnesium carbonate hydroxide	7760-50-1	10	30	50	250	mg/m3
2125	Silver nitrate	7761-88-8	0.0157	0.4	3	15.7	mg/m3
2126	Sodium thiosulfate	7772-98-7	10	30	50	500	mg/m3
2127	Stannous chloride; (Tin(II) chloride (1:2))	7772-99-8	3.19	9.58	50	160	mg/m3
2128	Manganese(II) chloride (1:2); (Manganous chloride)	7773-01-5	0.458	6.87	11.5	100	mg/m3
2129	Ammonium sulfamate	7773-06-0	10	30	50	500	mg/m3
2130	Mercuric iodide; (Mercury(II) iodide)	7774-29-0	0.0566	0.17	0.227	22.7	mg/m3
2131	Calcium chloride hexahydrate	7774-34-7	5	15	100	500	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2132	Chloric acid, sodium salt; (Sodium chlorate)	7775-09-9	0.15	0.4	3	75	mg/m3
2133	Sodium chromate(VI); (Disodium chromate)	7775-11-3	0.0156	0.125	0.75	46.7	mg/m3
2134	Sodium hydrosulfite	7775-14-6	10	30	50	250	mg/m3
2135	Sodium metaborate	7775-19-1	6.18	18.5	30.9	500	mg/m3
2136	Sodium persulfate	7775-27-1	0.1	0.3	20	100	mg/m3
2137	Calcium sulfate anhydrous; (Drierite; Gypsum; Plaster of Paris)	7778-18-9	15	30	50	250	mg/m3
2138	Arsenic acid; (o-arsenic acid)	7778-39-4	0.0189	0.4	3	9.5	mg/m3
2139	Calcium arsenate	7778-44-1	0.0266	1.5	10	13.3	mg/m3
2140	Potassium dichromate	7778-50-9	0.0141	1.5	10	42.4	mg/m3
2141	Potassium phosphate, tribasic	7778-53-2	10	30	50	500	mg/m3
2142	Calcium hypochlorite; (Calcium oxychloride)	7778-54-3	3.5	10	75	350	mg/m3
2143	Potassium perchlorate	7778-74-7	125	400	500	500	mg/m3
2144	Potassium phosphate, monobasic	7778-77-0	10	30	50	500	mg/m3
2145	Potassium sulfate (2:1); (Dipotassium sulfate)	7778-80-5	2	6	40	500	mg/m3
2146	Zinc nitrate	7779-88-6	10	10	10	10	mg/m3
2147	Zinc phosphate (3:2)	7779-90-0	2	6	50	250	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2148	Deuterium	7782-39-0	65000	65000	230000	400000	ppm
2149	Diamond	7782-40-3	7.5	20	150	500	mg/m3
2150	**Fluorine**	**7782-41-4**	0.1	**1.7**	**5.0**	**13**	ppm
2151	Graphite; (Mineral carbon)	7782-42-5	2	6	10	500	mg/m3
2152	Oxygen (liquid)	7782-44-7					ppm
2153	Selenium	7782-49-2	0.2	0.6	1	1	mg/m3
2154	**Chlorine**	**7782-50-5**	0.5	**0.50**	**2.0**	**20**	ppm
2155	Ferric nitrate nonahydrate; (Iron(III) nitrate nonahydrate (1:3:9))	7782-61-8	7.24	21.72	250	500	mg/m3
2156	Ferrous sulfate heptahydrate	7782-63-0	4.98	14.9	25	500	mg/m3
2157	Germane; (Germanium tetrahydride)	7782-65-2	0.2	0.6	1	150	ppm
2158	Iodic acid	7782-68-5	0.0139	0.02	0.139	2.77	mg/m3
2159	Nitrous acid	7782-77-6	1	3	15	200	mg/m3
2160	Nitrosylsulfuric acid	7782-78-7	1.5	5	35	150	mg/m3
2161	Sodium phosphate, dibasic, heptahydrate	7782-85-6	50	150	500	500	mg/m3
2162	Mercurous nitrate monohydrate	7782-86-7	0.0351	0.0351	0.14	14	mg/m3
2163	Molybdic acid	7782-91-4	8.44	8.44	8.44	500	mg/m3

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

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2164	Sulfurous acid	7782-99-2	0.0125	0.04	0.3	1.5	mg/m3
2165	Selenious acid	7783-00-8	0.327	0.98	1.6	1.6	mg/m3
2166	Tungstic acid	7783-03-1	6.8	13.6	13.6	13.6	mg/m3
2167	**Hydrogen sulfide**	**7783-06-4**	0.51	**0.51**	**27**	**50**	ppm
2168	**Hydrogen selenide**	**7783-07-5**	0.05	0.1	**0.73**	**2.2**	ppm
2169	Ammonium sulfite monohydrate	7783-11-1	10	30	50	250	mg/m3
2170	Ammonium thiosulfate; (Ammonium hyposulfite)	7783-18-8	10	30	50	500	mg/m3
2171	Ammonium sulfate	7783-20-2	40	125	500	500	mg/m3
2172	Ammonium phosphate dibasic	7783-28-0	10	30	50	250	mg/m3
2173	Mercury(II) nitrate monohydrate	7783-34-8	0.0427	0.128	0.171	17.1	mg/m3
2174	Mercuric sulfate; (Mercury(II) sulfate)	7783-35-9	0.037	0.037	0.148	14.8	mg/m3
2175	Magnesium fluoride	7783-40-6	4.1	12.3	20.5	410	mg/m3
2176	**Oxygen difluoride; (Fluorine monoxide)**	**7783-41-7**	0.05	0.1	**0.83**	**2.5**	ppm
2177	Lead fluoride	7783-46-2	0.0592	0.178	15	118	mg/m3
2178	Zinc fluoride	7783-49-5	6.8	6.8	20	100	mg/m3
2179	Ferric fluoride	7783-50-8	14.8	40	300	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2180	Gallium trifluoride	7783-51-9	5.56	16.7	27.8	125	mg/m3
2181	**Nitrogen trifluoride**	**7783-54-2**	10	60	**400**	**800**	ppm
2182	Phosphorous trifluoride	7783-55-3	1.07	3	20	107	ppm
2183	Antimony trifluoride	7783-56-4	0.734	0.734	4	73.4	mg/m3
2184	Germanium tetrafluoride	7783-58-6	4.89	12.5	100	489	mg/m3
2185	Sulfur tetrafluoride	7783-60-0	0.1	0.3	2.08	2.08	ppm
2186	**Silicon tetrafluoride; (Tetrafluorosilane)**	**7783-61-1**	0.05	**0.050**	**3.3**	**10**	ppm
2187	Zirconium fluoride	7783-64-4	9.17	18.3	18.3	91.7	mg/m3
2188	Antimony pentafluoride	7783-70-2	0.89	0.89	2.7	89	mg/m3
2189	Tantalum(V) fluoride	7783-71-3	7.26	21.8	36.3	100	mg/m3
2190	**Selenium hexafluoride**	**7783-79-1**	0.053	**0.053**	**0.087**	**0.26**	ppm
2191	Tellurium hexafluoride	7783-80-4	0.0379	0.101	0.101	1.89	ppm
2192	**Uranium hexafluoride; (Uranium fluoride)**	**7783-81-5**	0.0739	**3.6**	**9.6**	**36**	mg/m3
2193	Tungsten hexafluoride	7783-82-6	1.62	4.86	75	405	mg/m3
2194	Ferric ammonium sulfate dodecahydrate	7783-83-7	8.64	25.9	43.2	200	mg/m3
2195	Ammonium ferrous sulfate hexahydrate	7783-85-9	3.19	9.56	15.9	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2196	Silver chloride	7783-90-6	0.0133	0.0399	0.0664	13.3	mg/m3
2197	Silver nitrite; (Silver(I) nitrite)	7783-99-5	0.0143	0.0428	0.075	14.3	mg/m3
2198	Aluminum chloride hexahydrate	7784-13-6	8.95	25	150	500	mg/m3
2199	Aluminum fluoride	7784-18-1	3.11	3.11	7.5	40	mg/m3
2200	Ammonium aluminum fluoride; (Triammonium hexafluoroaluminate)	7784-19-2	4.28	4.28	4.28	15	mg/m3
2201	Aluminum potassium sulfate, dodecahydrate	7784-24-9	17.6	52.7	125	500	mg/m3
2202	Aluminum(III) nitrate nonahydrate (1:3:9)	7784-27-2	13.9	20	150	500	mg/m3
2203	Aluminum phosphate; (Phosphoric acid, aluminum salt (1:1), solution)	7784-30-7	4.52	13.56	500	500	mg/m3
2204	Arsenous trichloride	7784-34-1	0.0242	0.0726	1.35	12.1	ppm
2205	Lead acid arsenate; (Dibasic lead arsenate)	7784-40-9	0.0838	0.251	168	168	mg/m3
2206	Potassium arsenate; (Monopotassium arsenate)	7784-41-0	0.024	0.072	2.5	12	mg/m3
2207	**Arsine**	**7784-42-1**	0.05	0.05	**0.17**	**0.50**	ppm
2208	Sodium arsenite	7784-46-5	0.0173	0.075	0.6	8.67	mg/m3
2209	Sodium phosphate, tribasic; (Sodium trimetaphosphate)	7785-84-4	15	40	300	500	mg/m3
2210	Manganous sulfate	7785-87-7	0.55	8.25	13.7	500	mg/m3
2211	Magnesium chloride	7786-30-3	10	30	50	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2212	Mevinphos; (Phosdrin)	7786-34-7	0.1	0.3	4	4	mg/m3
2213	Nickel sulfate; (Nickel(II) sulfate)	7786-81-4	2.64	2.64	2.64	26.4	mg/m3
2214	Barium fluoride	7787-32-8	0.638	1.92	15	100	mg/m3
2215	Barium permanganate	7787-36-2	1.37	20.5	34.1	34.1	mg/m3
2216	Beryllium chloride	7787-47-5	0.0177	0.0443	0.0443	35.5	mg/m3
2217	Beryllium fluoride	7787-49-7	0.0104	0.0261	0.0261	20.9	mg/m3
2218	Bismuth oxychloride	7787-59-9	75	250	500	500	mg/m3
2219	Bismuth iodide	7787-64-6	1.5	5	35	150	mg/m3
2220	**Bromine trifluoride**	**7787-71-5**	0.04	**0.12**	**2.0**	**21**	ppm
2221	Chromium(III) fluoride	7788-97-8	1.05	3.14	5.24	52.4	mg/m3
2222	Ammonium chromate	7788-98-9	0.0146	0.438	7.5	43.9	mg/m3
2223	Chromium(III) potassium sulfate (1:1:2), dodecahydrate	7788-99-0	4.8	14.4	40	240	mg/m3
2224	Potassium chromate(VI)	7789-00-6	0.0187	0.75	6	56	mg/m3
2225	Chromium nitrate nonahydrate	7789-02-8	3.85	11.5	20	192	mg/m3
2226	Ammonium dichromate	7789-09-5	0.0121	0.363	7.5	36.4	mg/m3
2227	Sodium dichromate dihydrate	7789-12-0	0.0143	0.43	0.716	43	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2228	Cesium iodide	7789-17-5	10	30	200	500	mg/m3
2229	Cesium nitrate	7789-18-6	10	30	200	500	mg/m3
2230	Deuterium oxide; (Heavy water)	7789-20-0	2000	6000	40000	200000	ppm
2231	**Fluorosulfonic acid; (Fluorosulfuric acid)**	**7789-21-1**	2	**2**	**10**	**30**	mg/m3
2232	Potassium fluoride	7789-23-3	7.65	22.9	38.2	500	mg/m3
2233	Lithium fluoride	7789-24-4	3.41	10.2	17.1	341	mg/m3
2234	Potassium acid fluoride	7789-29-9	5.14	15.4	25.7	500	mg/m3
2235	**Bromine pentafluoride**	**7789-30-2**	0.1	0.15	**1.0**	**33**	ppm
2236	Sodium bromate	7789-38-0	0.6	1.5	12.5	60	mg/m3
2237	Rubidium bromide	7789-39-1	10	30	50	250	mg/m3
2238	Cadmium bromide	7789-42-6	0.0121	0.0727	4	21.8	mg/m3
2239	Cobaltous bromide; (Cobalt(II) bromide)	7789-43-7	0.0742	0.223	0.371	150	mg/m3
2240	Calcium fluoride	7789-75-5	5.14	15.4	200	500	mg/m3
2241	Calcium monohydrogen phosphate dihydrate	7789-77-7	10	30	50	250	mg/m3
2242	Calcium hydride	7789-78-8	1.5	5	35	150	mg/m3
2243	Potassium periodate	7790-21-8	1	3	20	100	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2244	Periodic acid, sodium salt	7790-28-5	0.25	0.75	5	25	mg/m3
2245	Magnesium iodate tetrahydrate	7790-32-1	10	30	50	250	mg/m3
2246	Potassium tellurite	7790-58-1	0.199	0.597	3.5	15	mg/m3
2247	Potassium selenate	7790-59-2	0.56	1.68	2.8	2.8	mg/m3
2248	Potassium tungstate (liquids)	7790-60-5a	1.77	5.32	5.32	5.32	mg/m3
2249	Potassium tungstate (solids)	7790-60-5b	1.77	5.32	5.32	5.32	mg/m3
2250	Potassium pyrosulfate; (Disulfuric acid, dipotassium salt)	7790-62-7	10	30	50	250	mg/m3
2251	Lithium nitrate	7790-69-4	10	30	50	250	mg/m3
2252	Cadmium chloride hemipentahydrate; (Cadmium chloride, 2.5-hydrate)	7790-78-5	0.25	0.75	5	300	mg/m3
2253	Cadmium fluoride	7790-79-6	0.00669	0.0401	4	12	mg/m3
2254	Cadmium nitrite	7790-83-2	0.00909	0.0546	4	16.4	mg/m3
2255	Cadmium sulfate, hydrate	7790-84-3	0.0157	0.0941	0.3	28.2	mg/m3
2256	Cadmium tungstate	7790-85-4	0.016	0.0961	4	28.8	mg/m3
2257	Cerium chloride	7790-86-5	7.5	25	150	500	mg/m3
2258	**Chlorine trifluoride**	**7790-91-2**	0.04	**0.12**	**2.0**	**21**	ppm
2259	**Chlorosulfonic acid; (Chlorosulfuric acid)**	**7790-94-5**	0.1	**0.10**	**4.4**	**25**	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2260	Ammonium perchlorate	7790-98-9	5	15	100	500	mg/m3
2261	Lithium perchlorate, anhydrous	7791-03-9	0.0005	0.0015	0.01	0.06	mg/m3
2262	Sodium perchlorate monohydrate	7791-07-3	5	15	100	500	mg/m3
2263	Rubidium chloride	7791-11-9	0.015	0.05	0.35	500	mg/m3
2264	Thallium chloride; (Thallium(I) chloride)	7791-12-0	0.4	1.25	2	10	mg/m3
2265	Cobalt(II) chloride hexahydrate	7791-13-1	0.0808	0.242	20	80.8	mg/m3
2266	Magnesium chloride hexahydrate	7791-18-6	75	250	500	500	mg/m3
2267	Nickel(II) chloride hexahydrate	7791-20-0	4.05	4.05	40.5	40.5	mg/m3
2268	Selenium oxychloride	7791-23-3	0.42	1.26	4.41	4.41	mg/m3
2269	**Sulfuryl chloride**	**7791-25-5**	0.15	0.5	**3.7**	**11**	ppm
2270	Ethylene glycol mono-sec-butyl ether	7795-91-7	3	10	60	350	mg/m3
2271	Hydroxylamine	7803-49-8	0.25	0.75	5	25	mg/m3
2272	**Phosphine**	**7803-51-2**	0.3	1	**2.0**	**3.6**	ppm
2273	**Stibine; (Antimony hydride)**	**7803-52-3**	0.1	0.2	**1.5**	**9.6**	ppm
2274	Ammonium vanadate; (Ammonium vanadium oxide; Ammonium metavanadate)	7803-55-6	0.0322	0.0965	0.322	3.5	mg/m3
2275	Hydrazine hydrate; (Hydrazine monohydrate)	7803-57-8	0.003	0.0075	0.0625	50	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2276	**Silane; (Silicon tetrahydride)**	**7803-62-5**	5	**100**	**130**	**270**	ppm
2277	Ammonium bisulfate; (Ammonium hydrogen sulfate)	7803-63-6	0.025	0.075	0.5	2.5	mg/m3
2278	Linseed oil	8001-26-1	0.5	1.5	10	60	mg/m3
2279	Corn oil	8001-30-7	200	500	500	500	mg/m3
2280	Toxaphene; (Chlorinated camphene)	8001-35-2	0.5	1	20	200	mg/m3
2281	Alkyl dimethylbenzyl ammonium chloride; (Benzalkonium chloride)	8001-54-5	7.5	20	100	100	mg/m3
2282	Creosote (coal tar)	8001-58-9	0.2	0.6	80	80	mg/m3
2283	Castor oil	8001-79-4	40	125	500	500	mg/m3
2284	Petroleum distillate	8002-05-9a	350	350	500	500	mg/m3
2285	Petroleum; (Petroleum crude oil)	8002-05-9b	350	500	500	500	mg/m3
2286	Neatsfoot oil; (Fats and glyceridic oils)	8002-64-0	10	30	50	250	mg/m3
2287	Paraffin, n-	8002-74-2	2	15	15	500	mg/m3
2288	Chloropicrin/Methyl bromide mixture	8004-09-9	2	3	12.5	60	mg/m3
2289	Soda lime	8006-28-8	5	5	5	25	mg/m3
2290	Gasoline	8006-61-9	300	500	500	1500	ppm
2291	Turpentine	8006-64-2	20	20	20	800	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2292	Coal tar, aerosol	8007-45-2a	0.1	1.25	7.5	40	mg/m3
2293	Coal tar; (Coal tar volatiles)	8007-45-2b	0.2	80	80	80	mg/m3
2294	Aqua regia (75% hydrochloric + 25% nitric acid)	8007-56-5	0.85	1.6	18	94.5	ppm
2295	**Kerosene**	**8008-20-6**	200	**290**	**1100**	1100	mg/m3
2296	Petrolatum	8009-03-8	15	50	350	500	mg/m3
2297	Mineral oil; (Oil mist, mineral)	8012-95-1	5	10	10	500	mg/m3
2298	Yeast extract	8013-01-2	15	50	400	500	mg/m3
2299	**Oleum; (fuming sulfuric acid)**	**8014-95-7**	0.2	**0.20**	**8.7**	**160**	mg/m3
2300	Polyphosphoric acid	8017-16-1	1.5	5	40	200	mg/m3
2301	Mancozeb; (Dithane M-45)	8018-01-7	1	3	200	500	mg/m3
2302	Mineral oil, heavy or light; (Paraffin oil; Deobase, deodorized)	8020-83-5	0.2	0.6	500	500	mg/m3
2303	Naphtha (coal tar); (Naphtha [petroleum] light aliphatic; Aliphatic naphtha)	8030-30-6	100	350	1000	1000	ppm
2304	Fuller's earth	8031-18-3	5	6	500	500	mg/m3
2305	Petroleum spirits; (VM & P Naphtha)	8032-32-4	300	300	395	395	ppm
2306	Mineral oil, white	8042-47-5	0.2	0.6	500	500	mg/m3
2307	Rosin core solder decomposition products; (Colophony Gum)	8050-09-7	0.1	0.3	40	40	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2308	Stoddard solvent; (Mineral spirits, 85% nonane and 15% trimethyl benzene)	8052-41-3	500	500	500	500	mg/m3
2309	Asphalt; (Bitumen)	8052-42-4a	0.5	0.75	5	25	mg/m3
2310	Petroleum asphalt	8052-42-4b	1.25	4	25	125	mg/m3
2311	Ammonium lignin sulfonate	8061-53-8	10	30	50	250	mg/m3
2312	Lignosulfonate (aqueous)	8062-15-5	10	30	500	500	mg/m3
2313	Demeton	8065-48-3	0.1	0.15	2	10	mg/m3
2314	Cyclotol; (RDX-TNT mixture)	8065-53-0	0.2	3	250	250	mg/m3
2315	Acacia; (Gum Arabic)	9000-01-5	200	500	500	500	mg/m3
2316	Carboxymethyl cellulose	9000-11-7	40	125	500	500	mg/m3
2317	Gelatin; (Pharmagel A)	9000-70-8	2.5	7.5	60	300	mg/m3
2318	Casein; (Casamino acids; Casein hydrolysate type 1)	9000-71-9	10	30	50	250	mg/m3
2319	Pyruvate kinase	9001-59-6	2.5	7.5	50	500	mg/m3
2320	Trypsin; (Parenzyme; Chymotrypsin inhibitor)	9002-07-7	0.025	0.075	0.6	30	mg/m3
2321	Trypsinogen	9002-08-8	7.5	25	150	500	mg/m3
2322	Agar	9002-18-0	500	500	500	500	mg/m3
2323	Amberlite IR-120plus ion-exchange resin, sodium form; (Cation exchange resin)	9002-23-7	7.5	25	150	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2324	Amberlite IRA-400(Cl); (Amberlite IRA-400, ion-exchange resin)	9002-24-8	10	30	50	250	mg/m3
2325	Chlorotrifluoroethene, homopolymer	9002-83-9	0.015	0.04	0.3	500	mg/m3
2326	Polytetrafluoroethylene; (Teflon)	9002-84-0	3.5	10	60	350	mg/m3
2327	Polyvinyl chloride	9002-86-2	1	3	40	200	mg/m3
2328	Polyethylene	9002-88-4	10	30	50	500	mg/m3
2329	Polyvinyl alcohol	9002-89-5	40	125	500	500	mg/m3
2330	Brij-35; (alpha-Dodecyl-omega-hydroxypolyoxy-ethylene)	9002-92-0	0.15	0.5	3.5	400	mg/m3
2331	Triton X-100; (Poly(oxyethylene)-p-tert-octylphenyl ether)	9002-93-1	15	40	300	500	mg/m3
2332	Aziridine homopolymer; (Ethylenimine homopolyer; Poly(ethyleneimine)	9002-98-6	5	15	100	500	mg/m3
2333	Acrylic acid polymers; (Acrylic polymer or resin)	9003-01-4	10	30	200	500	mg/m3
2334	Ammonium polyacrylate	9003-03-6	10	30	50	250	mg/m3
2335	Polypropylene	9003-07-0	12.5	40	250	500	mg/m3
2336	Polypropylene-polyethylene glycol; (Pluronic L-81)	9003-11-6	10	30	200	500	mg/m3
2337	Butoxypolypropylene glycol	9003-13-8	35	100	500	500	mg/m3
2338	Vinyl acetate-vinyl chloride copolymer; (Acetic acid, vinyl ester, polymer with chloroethylene)	9003-22-9	35	100	500	500	mg/m3
2339	Poly(1-vinyl-2-pyrrolidinone) homopolymer; (Polyvinylpyrrolidone; Plasdone)	9003-39-8	100	300	500	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2340	Polybutyl acrylate	9003-49-0	10	30	50	250	mg/m3
2341	Polystyrene resin; (Styrene polymer)	9003-53-6	10	30	50	75	mg/m3
2342	Poly(divinylbenzene); (Diethylbenzene homopolymer)	9003-69-4	7.5	25	150	500	mg/m3
2343	Sodium carboxymethyl cellulose; (Dowex 11)	9004-32-4	0.4	1.25	7.5	500	mg/m3
2344	Cellulose	9004-34-6	15	30	500	500	mg/m3
2345	Cellulose acetate butanoate	9004-36-8	10	30	50	250	mg/m3
2346	Dextran	9004-54-0	0.35	1	6	500	mg/m3
2347	Ethyl cellulose	9004-57-3	20	60	400	500	mg/m3
2348	Hydroxypropyl cellulose	9004-64-2	40	125	500	500	mg/m3
2349	Methylcellulose	9004-67-5	10	30	50	500	mg/m3
2350	Pyroxylin; (Cellulose tetranitrate)	9004-70-0	10	30	50	500	mg/m3
2351	Poly(ethylene glycol methyl ether)	9004-74-4	75	250	500	500	mg/m3
2352	Poly(oxyethylene)(2) stearyl ether	9005-00-9	7.5	20	150	500	mg/m3
2353	Starch dust	9005-25-8	15	30	500	500	mg/m3
2354	Polyoxyethylene (20) sorbitan monolaurate	9005-64-5	3	7.5	60	500	mg/m3
2355	Sorbitan, monooleate polyoxyethylene; (Polyethylene sorbitan monooleate; Tween 80)	9005-65-6	0.75	2.5	15	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2356	Polyoxyethylene sorbitan monopalmitate; (Tween 40)	9005-66-7	12.5	40	250	500	mg/m3
2357	Sorbitan monostearate polyoxyethylene; (Ethoxylated sorbitan monostearate)	9005-67-8	0.75	2	15	500	mg/m3
2358	Polysorbate 85; (Tween 85)	9005-70-3	75	250	500	500	mg/m3
2359	Thyodene; (Amylodextrin)	9005-84-9	10	30	50	250	mg/m3
2360	Deoxyribonucleac acid; (DNA)	9007-49-2	12.5	35	250	500	mg/m3
2361	Myoglobins	9008-45-1	10	30	50	250	mg/m3
2362	Polyurethane foam; (Urethane polymers)	9009-54-5	0.2	0.6	5	25	mg/m3
2363	Polymethylmethacrylate; (Lucite)	9011-14-7	5	15	100	500	mg/m3
2364	Hexafluoropropylene-vinylidene fluoride polymer; (Viton)	9011-17-0	10	30	50	250	mg/m3
2365	Dextran sulfate sodium	9011-18-1	15	40	300	500	mg/m3
2366	Agarose, type VII (low gelling temperature)	9012-36-6	10	30	50	250	mg/m3
2367	Cellulose, 2-(diethylamino)ethyl ether	9013-34-7	10	30	50	250	mg/m3
2368	Polydimethyl siloxane; (Dimethylpolysiloxane)	9016-00-6	7.5	25	150	500	mg/m3
2369	Ethoxylated nonylphenol; (Nonyl phenyl polyethylene glycol ether)	9016-45-9	5	15	100	500	mg/m3
2370	Polymethylene polyphenyl isocyanate; (Polymeric diphenylmethane diisocyanate)	9016-87-9	2	6	40	200	mg/m3
2371	Ribonuclease T1	9026-12-4	10	30	50	250	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2372	Polyoxyethylene monooctylphenyl ether	9036-19-5	15	50	350	500	mg/m3
2373	Amberlyst 15 ion-exchange resin	9037-24-5	10	30	50	250	mg/m3
2374	Sephadex G-25	9041-35-4	10	30	50	250	mg/m3
2375	Polyoxyalkyleneamine; (Poly(oxypropylene)diamine)	9046-10-0	10	30	50	100	mg/m3
2376	Albumin (bovine)	9048-46-8	150	500	500	500	mg/m3
2377	Cation exchange resin 50W-X12, 200 - 400 mesh	9056-03-5	10	30	50	250	mg/m3
2378	Amberlite XAD-2 resin, purified	9060-05-3	10	30	50	200	mg/m3
2379	Polypropylene glycol,chloromethyl) oxirane polymer	9072-62-2	7.5	25	150	500	mg/m3
2380	Alcohol oxidase	9073-63-6	10	30	50	250	mg/m3
2381	Polyglycol 15-200: (Calthane NF and ND "B")	9082-00-2	40	125	500	500	mg/m3
2382	Dipotassium metasilicate	10006-28-7	6	15	125	500	mg/m3
2383	Barium nitrate	10022-31-8	0.952	2.5	20	95.2	mg/m3
2384	Cadmium nitrate tetrahydrate	10022-68-1	0.0137	0.6	4	24.7	mg/m3
2385	Sodium hypochlorite pentahydrate	10022-70-5	0.075	0.2	1.5	500	mg/m3
2386	Neodymium(III) chloride	10024-93-8	0.6	1.5	12.5	60	mg/m3
2387	Nitrous oxide	10024-97-2	50	150	10000	20000	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2388	Perchloric acid, zinc salt, hexahydrate	10025-64-6	0.6	1.5	12.5	60	mg/m3
2389	**Sulfur monochloride**	**10025-67-9**	0.53	**0.53**	**6.4**	**15**	ppm
2390	Tin(II) chloride dihydrate; (Stannous chloride dihydrate)	10025-69-1	3.8	11.4	20	190	mg/m3
2391	Chromic chloride; (Chromium(III) chloride)	10025-73-7	1.52	4.57	7.61	76.1	mg/m3
2392	Ferric chloride hexahydrate	10025-77-1	4.84	75	100	100	mg/m3
2393	**Trichlorosilane**	**10025-78-2**	0.2	**0.60**	**7.3**	**33**	ppm
2394	Indium trichloride	10025-82-8	0.193	0.578	1	1	mg/m3
2395	Trichloramine; (Nitrogen chloride)	10025-85-1	0.125	0.35	2.5	25	ppm
2396	**Phosphorus oxychloride**	**10025-87-3**	0.1	0.479	0.479	**0.85**	ppm
2397	Antimony trichloride	10025-91-9	0.937	0.937	0.937	93.7	mg/m3
2398	Yttrium chloride, hexahydrate	10025-94-2	3.41	10.2	500	500	mg/m3
2399	**Tetrachlorosilane; (Silicon chloride)**	**10026-04-7**	0.15	**0.45**	**5.5**	**25**	ppm
2400	Tellurium chloride	10026-07-0	0.211	0.633	15	52.8	mg/m3
2401	Zirconium chloride	10026-11-6	12.8	25.5	25.5	128	mg/m3
2402	Niobium chloride	10026-12-7	6	15	125	500	mg/m3
2403	Phosphorus pentachloride	10026-13-8	1	2	12.5	70	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2404	Cobalt nitrate hexahydrate; (Cobaltous nitrate hexahydrate)	10026-22-9	0.0988	0.296	0.5	98.8	mg/m3
2405	Cobalt sulfate heptahydrate; (Cobalt(II) sulfate(1:1), heptahydrate)	10026-24-1	0.0954	0.286	250	250	mg/m3
2406	Ozone	10028-15-6	0.1	0.15	1	5	ppm
2407	Ferric sulfate; (Iron(III) sulfate)	10028-22-5	3.58	10.7	17.9	75	mg/m3
2408	Lead(II) arsenite	10031-13-7	0.0281	0.0843	0.14	14	mg/m3
2409	Lead bromide	10031-22-8	0.0886	0.266	0.443	177	mg/m3
2410	Erbium nitrate pentahydrate	10031-51-3	10	30	50	250	mg/m3
2411	Thallium sulfate; (Sulfuric acid, dithallium(1+) salt)	10031-59-1	0.107	0.32	2	16	mg/m3
2412	Anhydrone; (Magnesium perchlorate)	10034-81-8	6	15	125	500	mg/m3
2413	Sodium chromate tetrahydrate	10034-82-9	0.0291	0.873	15	87.4	mg/m3
2414	**Hydriodic acid; (Hydrogen iodide)**	**10034-85-2**	0.35	**1.0**	**22**	**120**	ppm
2415	Sodium bisulfate monohydrate	10034-88-5	0.75	2.5	15	75	mg/m3
2416	Hydrazine sulfate	10034-93-2	0.6	2	15	250	mg/m3
2417	Manganese(II) sulfate monohydrate	10034-96-5	0.615	9.23	15.4	75	mg/m3
2418	Magnesium sulfate heptahydrate	10034-99-8	5	15	100	500	mg/m3
2419	Calcium chloride dihydrate	10035-04-8	40	125	500	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2420	Bismuth(III) nitrate, pentahydrate	10035-06-0	2	6	40	500	mg/m3
2421	**Hydrobromic acid; (Hydrogen bromide)**	**10035-10-6**	1	**1.0**	**22**	**120**	ppm
2422	Tetrafluorohydrazine	10036-47-2	0.805	2.5	15	110	ppm
2423	Sodium phosphate, dibasic, dodecahydrate	10039-32-4	1.5	5	35	150	mg/m3
2424	Hydroxylamine sulfate; (Oxammonium sulfate)	10039-54-0	4	10	75	400	mg/m3
2425	Strontium nitrate	10042-76-9	10	30	250	500	mg/m3
2426	Aluminum sulfate	10043-01-3	6.34	19	31.7	500	mg/m3
2427	Boron nitride	10043-11-5	400	500	500	500	mg/m3
2428	Boric acid	10043-35-3	2	6	100	125	mg/m3
2429	Calcium chloride	10043-52-4	25	75	400	400	mg/m3
2430	Aluminum potassium sulfate	10043-67-1	9.57	28.7	47.8	100	mg/m3
2431	Ferric phosphate	10045-86-0	2.75	8.26	13.8	60	mg/m3
2432	Ferrous ammonium sulfate	10045-89-3	5.09	15.3	25.4	125	mg/m3
2433	Mercury nitrate; (Mercury(II) nitrate (1:2))	10045-94-0	0.0405	0.0405	0.162	16.2	mg/m3
2434	Neodymium nitrate	10045-95-1	7.5	25	150	500	mg/m3
2435	Barium hydrogen phosphate; (Barium phosphate dibasic)	10048-98-3	0.849	2.55	4.25	20	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2436	**Chlorine dioxide**	**10049-04-4**	0.1	**0.15**	**1.1**	**2.4**	ppm
2437	Chromous chloride; (Chromium(II) chloride (1:2))	10049-05-5	1.18	3.55	6	500	mg/m3
2438	Ruthenium trichloride	10049-08-8	1.5	4	30	150	mg/m3
2439	Rhenium hexafluoride	10049-17-9	6.58	19.8	32.9	500	mg/m3
2440	Sodium dihydrogen phosphate; (Sodium phosphate monobasic, monohydrate)	10049-21-5	100	300	500	500	mg/m3
2441	Tellurous acid	10049-23-7	0.139	0.418	0.696	34.8	mg/m3
2442	Chromium(III) chloride, hexahydrate	10060-12-5	2.56	100	128	128	mg/m3
2443	Dichloropropene, cis-1,3-	10061-01-5	1	12.5	50	50	ppm
2444	Dichloropropene, trans-1,3-	10061-02-6	1	1.5	10	50	ppm
2445	Silicon(II) oxide; (Silicon oxide)	10097-28-6	10	30	50	250	mg/m3
2446	Lanthanum chloride	10099-58-8	6	20	150	500	mg/m3
2447	Lanthanum nitrate	10099-59-9	0.4	1.25	7.5	500	mg/m3
2448	Lead nitrate	10099-74-8	0.0799	0.6	4	160	mg/m3
2449	Calcium metasilicate	10101-39-0	10	30	50	250	mg/m3
2450	Calcium(II) sulfate dihydrate (1:1:2)	10101-41-4	15	30	50	75	mg/m3
2451	Sodium permanganate	10101-50-5	0.517	7.75	12.9	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2452	Zirconium silicate; (Zirconium silicon oxide; Zircon))	10101-52-7	10.3	20.5	51.3	103	mg/m3
2453	Chromic sulfate; (Chromium(III) sulfate (2:3))	10101-53-8	1.89	2.5	15	94.3	mg/m3
2454	Lead iodide	10101-63-0	0.111	0.334	0.556	222	mg/m3
2455	Sodium tellurate	10101-83-4	0.186	0.559	0.931	150	mg/m3
2456	Sodium phosphate, tribasic, dodecahydrate	10101-89-0	10	30	50	500	mg/m3
2457	Nickel sulfate hexahydrate; (Nickel(II) sulfate hexahydrate)	10101-97-0	4.48	4.48	10	44.8	mg/m3
2458	Zinc nitrite	10102-02-0	0.035	0.075	0.6	60	mg/m3
2459	Uranyl nitrate (solid); (Bis(nitrato-O,O')dioxouranium)	10102-06-4	0.0828	0.993	3	16.6	mg/m3
2460	Sodium thiosulfate pentahydrate	10102-17-7	10	30	50	500	mg/m3
2461	Sodium selenite	10102-18-8	0.438	1.31	2.3	3	mg/m3
2462	Sodium tellurite	10102-20-2	0.174	0.521	7.5	25	mg/m3
2463	Sodium molybdate dihydrate; (Disodium molybdate dihydrate)	10102-40-6	12.6	12.6	200	200	mg/m3
2464	**Nitric oxide**	**10102-43-9**	0.5	**0.50**	**12**	**20**	ppm
2465	**Nitrogen dioxide**	**10102-44-0**	0.5	**0.50**	**12**	**20**	ppm
2466	Thallium nitrate; (Thallium(I) nitrate)	10102-45-1	0.13	0.391	19.6	19.6	mg/m3
2467	Calcium phosphate; (Tricalcium phosphate)	10103-46-5	7.5	20	35	350	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2468	Chromium nitrate	10103-47-6	4.74	14.2	23.7	237	mg/m3
2469	Cadmium chloride	10108-64-2	0.00815	0.0489	0.5	14.7	mg/m3
2470	Cerous nitrate; (Cerium(III) nitrate)	10108-73-3	1	3	20	500	mg/m3
2471	Mercury(I) chloride; (Dimercury chloride)	10112-91-1	0.0294	0.0883	1.18	11.8	mg/m3
2472	Potassium sulfite	10117-38-1	7.5	25	150	500	mg/m3
2473	Cadmium sulfate	10124-36-4	0.00928	0.0557	4	16.7	mg/m3
2474	Calcium(II) nitrate	10124-37-5	1.25	3.5	25	125	mg/m3
2475	Cobalt sulfate	10124-43-3	0.0526	0.158	0.263	150	mg/m3
2476	Potassium arsenite	10124-50-2	0.0533	6	26.7	26.7	mg/m3
2477	Manganese phosphate	10124-54-6	0.43	6.46	10.8	500	mg/m3
2478	Sodium phosphate, tribasic; (Sodium hexametaphosphate; Calgon)	10124-56-8	25	75	500	500	mg/m3
2479	Copper(II) chloride dihydrate; (Cupric chloride)	10125-13-0	0.134	0.402	0.671	268	mg/m3
2480	Europium nitrate; (Europium trinitrate)	10138-01-9	15	50	350	500	mg/m3
2481	Ferric ammonium sulfate; (Sulfuric acid, ammonium iron(3e+) salt (2:1:1))	10138-04-2	4.82	14.5	25	125	mg/m3
2482	Dichloroethanol acetate, 1,2-	10140-87-1	0.35	1	1.71	6	ppm
2483	Cobalt nitrate; (Cobalt(II) nitrate)	10141-05-6	0.0621	0.186	12.5	150	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2484	Dysprosium nitrate	10143-38-1	10	30	200	500	mg/m3
2485	Dimethoxybutane, 1,3-	10143-66-5	7.5	25	150	750	ppm
2486	Erbium(III) nitrate	10168-80-6	0.2	0.6	5	25	mg/m3
2487	Gadolinium nitrate, solid	10168-81-7	10	30	50	500	mg/m3
2488	Ammonium bisulfite; (Ammonium hydrogen sulfite)	10192-30-0	10	10	10	10	mg/m3
2489	Ammonium sulfite	10196-04-0	10	10	10	10	mg/m3
2490	Zinc nitrate hexahydrate	10196-18-6	5	15	100	500	mg/m3
2491	Cobalt carbonyl	10210-68-1	0.27	0.27	27	60	mg/m3
2492	Sodium tungstate dihydrate	10213-10-2	1.79	5.38	15	75	mg/m3
2493	Propylene glycol mono-n-butyl ether; (3-butoxy-1-propanol)	10215-33-5	50	50	300	500	ppm
2494	Hydrazine hydrate, aequeous solutions	10217-52-4	0.03	0.0625	0.0625	0.0625	mg/m3
2495	Molybdenum pentachloride	10241-05-1	14.2	14.2	500	500	mg/m3
2496	Methamidophos	10265-92-6	3.5	10	60	60	mg/m3
2497	Lanthanum(III) nitrate hexahydrate	10277-43-7	1.5	5	35	150	mg/m3
2498	**Boron tribromide**	**10294-33-4**	0.1	**0.33**	**7.3**	**40**	ppm
2499	Boron trichloride	10294-34-5	0.1	0.3	2.09	2.5	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2500	Barium chromate	10294-40-3	0.0246	0.737	1.25	73.7	mg/m3
2501	Cerium nitrate hexahydrate	10294-41-4	15	50	350	500	mg/m3
2502	Phosphorous acid, o-; (Phosphonic acid)	10294-56-1	1	3	200	500	mg/m3
2503	Dialifor	10311-84-9	1	3	5	5	mg/m3
2504	Cadmium nitrate	10325-94-7	0.0105	0.0631	4	18.9	mg/m3
2505	Barium chloride dihydrate	10326-27-9	0.889	2.67	4.45	88.9	mg/m3
2506	Aluminum yellow 4A; (Acid yellow 99)	10343-58-5	4.77	28.6	50	239	mg/m3
2507	Sodium metaphosphate	10361-03-2	3.5	10	75	350	mg/m3
2508	Barium chloride	10361-37-2	0.5	1.5	15	50	mg/m3
2509	Bismuth hydroxide	10361-43-0	1	1	3	100	mg/m3
2510	Bismuth nitrate	10361-44-1	1.25	4	25	500	mg/m3
2511	Praseodymium nitrate	10361-80-5	7.5	20	150	500	mg/m3
2512	Samarium nitrate	10361-83-8	7.5	25	150	500	mg/m3
2513	Lithium sulfate	10377-48-7	0.15	0.5	3.5	500	mg/m3
2514	Lithium iodide	10377-51-2	10	30	50	250	mg/m3
2515	Magnesium nitrate; (Magnesium(II) nitrate (1:2))	10377-60-3	10	30	50	250	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2516	Manganese(II) nitrate	10377-66-9	0.651	9.77	16.3	500	mg/m3
2517	Ethylenediaminetetraacetic acid, tetrasodium salt, dihydrate	10378-23-1	7.5	25	150	500	mg/m3
2518	Ceric ammonium sulfate, dihydrate	10378-47-9	10	30	50	250	mg/m3
2519	Nickel(II) phosphate	10381-36-9	1	1	1	10	mg/m3
2520	Mercurous nitrate; (Mercury(I) nitrate(1:1))	10415-75-5	0.0327	0.0327	0.131	13.1	mg/m3
2521	Ferric nitrate	10421-48-4	4.33	13	21.7	100	mg/m3
2522	Tetramethylammonium hydroxide pentahydrate	10424-65-4	0.3	0.75	6	6	mg/m3
2523	Potassium selenite	10431-47-7	0.52	0.52	0.52	2.6	mg/m3
2524	Ethyl-2-oxazoline, 2-	10431-98-8	0.1	0.3	2	10	ppm
2525	Periodic acid	10450-60-9	0.18	0.18	0.5	5	mg/m3
2526	Strontium chloride	10476-85-4	7.5	20	150	500	mg/m3
2527	Methacrolein diacetate; (Acetic acid, 2-methyl-2-propene-1,1-diol diester)	10476-95-6	7.5	25	44	44	mg/m3
2528	Alpha,alpha,4-trimethyl-3-cyclohexene-1-methanol, (S)-; (alpha-Terpineol)	10482-56-1	125	350	500	500	mg/m3
2529	Cresyl violet acetate	10510-54-0	10	30	50	250	mg/m3
2530	Nitrogen tetroxide	10544-72-6	3	5	5	20	ppm
2531	Nitrogen trioxide; (Dinitrogen trioxide)	10544-73-7	25	50	100	500	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2532	Sodium dichromate; (Disodium dichromate)	10588-01-9	0.0126	20	37.8	37.8	mg/m3
2533	Monochloroamine; (Chloramide)	10599-90-3	0.05	0.15	1	5	ppm
2534	Lithium aluminum oxide; (Lithium aluminate)	11089-89-7	10	30	50	250	mg/m3
2535	Polychlorinated biphenyl (Aroclor 1260); (Chlorodiphenyl (60% Cl))	11096-82-5	0.2	0.6	1.5	5	mg/m3
2536	Polychlorinated biphenyl (Aroclor 1254); (Chlorodiphenyl (54% Cl))	11097-69-1	0.5	1.5	2.5	5	mg/m3
2537	Molybdic acid, ammonium salt; (Ammonium molibdate)	11098-84-3	11.7	11.7	500	500	mg/m3
2538	Ethyl silicate polymer; (Silicic acid, ethyl ester)	11099-06-2	10	30	50	250	mg/m3
2539	Polychlorinated biphenyl (Aroclor 1268); (Chlorodiphenyl (68% Cl))	11100-14-4	0.2	0.6	1	5	mg/m3
2540	Polychlorinated biphenyl (Aroclor 1221); (Chlorodiphenyl (21% Cl))	11104-28-2	0.2	0.6	1	5	mg/m3
2541	Phosphomolybdic acid	11104-88-4	16.7	50	83.3	400	mg/m3
2542	Sodium antimonate; (Antimonic acid, sodium salt)	11112-10-0	1.01	3.04	5.07	101	mg/m3
2543	Dowex 50WX4 (50-400 ion exchange resin)	11113-61-4	10	30	50	250	mg/m3
2544	Chromic acid ester	11115-74-5	0.0113	0.339	6	34	mg/m3
2545	Cation exchange resin 200-400 mesh Hyd. Dowex 50W-X8	11119-67-8	10	30	50	250	mg/m3
2546	Ammonium tungstate(VI)	11120-25-5	1.38	4.14	6.9	6.9	mg/m3
2547	Tungstosilicic acid	11130-20-4	6.52	13	13	13	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2548	Yttrium oxide	11130-29-3	1.18	3.54	150	500	mg/m3
2549	Sodium-Potassium	11135-81-2	0.482	0.482	5	50	mg/m3
2550	Sodium aluminate anhydrous; (Aluminum sodium dioxide anhydrous)	11138-49-1	8.75	8.75	8.75	8.75	mg/m3
2551	Polychlorinated biphenyl (Aroclor 1232); (Chlorodiphenyl (32% Cl))	11141-16-5	0.2	0.6	1	5	mg/m3
2552	Mica; (mica silicates)	12001-26-2	3	9	15	75	mg/m3
2553	Crocidolite	12001-28-4	0.005	0.015	5	250	mg/m3
2554	Asbestos (Chrysotile)	12001-29-5	0.005	7.5	50	250	mg/m3
2555	Paris Green; (Cupric acetoarsenite)	12002-03-8	1.13	3.38	22	22	mg/m3
2556	Mercurol; (Mercury nucleate)	12002-19-6	0.025	0.075	0.1	10	mg/m3
2557	Potassium aluminate	12003-63-3	7.27	21.8	36.3	150	mg/m3
2558	Lithium aluminate	12003-67-7	12.2	36.6	61.1	300	mg/m3
2559	Nickel aluminide	12003-78-0	1.36	1.36	1.36	13.6	mg/m3
2560	Tungsten boride	12007-09-9	5.29	10.6	26.5	125	mg/m3
2561	Lithium tetraborate	12007-60-2	10	30	50	250	mg/m3
2562	Ammonium pentaborate	12007-89-5	10	30	50	250	mg/m3
2563	Lanthanum boride	12008-21-8	14.7	44	75	350	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2564	Iron carbide	12011-67-5	5.36	16.1	26.8	125	mg/m3
2565	Dawsonite; (Crystalline dehydroxy sodium aluminum, carbonate)	12011-76-6	3.5	10	150	500	mg/m3
2566	Molybdenum carbide	12011-97-1	11.3	33.8	56.3	500	mg/m3
2567	Cerium(IV) hydroxide	12014-56-1	14.9	44.6	75	350	mg/m3
2568	Gallium oxide	12024-21-4	10	30	50	500	mg/m3
2569	Thallium hydroxide	12026-06-1	0.108	0.325	0.542	16.2	mg/m3
2570	Tin hydroxide	12026-24-3	2.57	7.72	12.9	129	mg/m3
2571	Molybdophosphoric acid	12026-57-2	7.93	7.93	7.93	500	mg/m3
2572	Ammonium molybdophosphate	12026-66-3	8.15	24.4	40.7	200	mg/m3
2573	Ammonium iodide	12027-06-4	4	12.5	75	400	mg/m3
2574	Molybdic acid, hexaammonium salt; (Ammonium heptamolybdate)	12027-67-7	8.67	8.67	8.67	500	mg/m3
2575	Potassium columbate; (Potassium niobate)	12030-85-2	12.5	35	250	500	mg/m3
2576	Potassium zirconate; (Dipotassium zirconium oxide)	12030-98-7	11.9	23.8	25	119	mg/m3
2577	Lithium niobium oxide; (Lithium niobate)	12031-63-9	5	15	25	500	mg/m3
2578	Lutetium oxide	12032-20-1	10	30	50	250	mg/m3
2579	Silicon nitride	12033-89-5	10	30	50	250	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2580	Sodium titanate	12034-34-3	10	30	50	250	mg/m3
2581	Ruthenium(IV) oxide	12036-10-1	4	12.5	15	15	mg/m3
2582	Technetium(IV) oxide	12036-16-7	10	30	50	250	mg/m3
2583	Tungsten(IV) oxide	12036-22-5	5.87	11.7	11.7	11.7	mg/m3
2584	Praseodymium oxide	12036-32-7	7.5	25	150	500	mg/m3
2585	Rhodium(III) oxide (solids)	12036-35-0	0.123	3.7	6.17	123	mg/m3
2586	Terbium oxide	12036-41-8	10	30	50	250	mg/m3
2587	Thulium oxide	12036-44-1	11.4	34.3	60	300	mg/m3
2588	Terbium(III,IV) oxide	12037-01-3	10	30	50	250	mg/m3
2589	Praseodymium(III,IV) oxide	12037-29-5	20	60	400	500	mg/m3
2590	Zirconium phosphide	12037-80-8	8.4	16.8	16.8	84	mg/m3
2591	Titanium boride	12045-63-5	10	30	50	250	mg/m3
2592	Zirconium boride	12045-64-6	6.19	12.4	61.9	61.9	mg/m3
2593	Nickel(II) hydroxide; (Nickelous hydroxide)	12054-48-7	1.58	1.58	1.58	15.8	mg/m3
2594	Ammonium molybdate(VI) tetrahydrate	12054-85-2	60.7	60.7	60.7	150	mg/m3
2595	Hafnium oxide	12055-23-1	0.59	1.77	3	59	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2596	Holmium trioxide	12055-62-8	10	30	50	250	mg/m3
2597	**Magnesium phosphide**	**12057-74-8**	0.2	0.6	**1.0**	**1.8**	ppm
2598	Manganese(VII) oxide	12057-92-0	0.404	6.06	10.1	50	mg/m3
2599	Sodium stannate	12058-66-1	3.58	10.8	17.9	179	mg/m3
2600	**Sodium phosphide**	**12058-85-4**	0.4	1.25	**2.0**	**3.6**	ppm
2601	Scandium oxide	12060-08-1	10	30	50	250	mg/m3
2602	Samarium(III) oxide	12060-58-1	20	60	400	500	mg/m3
2603	Erbium(III) oxide	12061-16-4	20	60	400	500	mg/m3
2604	Gadolinium(III) oxide	12064-62-9	2	6	50	500	mg/m3
2605	Ferrous disulfide; (Iron disulfide)	12068-85-8	2.15	6.44	10.7	50	mg/m3
2606	Boron carbide	12069-32-8	10	30	50	250	mg/m3
2607	Copper(II) carbonate hydroxide (2:1:2)	12069-69-1	0.174	0.522	0.87	174	mg/m3
2608	Niobium(IV) carbide	12069-94-2	11.3	33.9	56.5	250	mg/m3
2609	Tantalum carbide	12070-06-3	5.33	10.7	500	500	mg/m3
2610	Titanium carbide	12070-08-5	12.5	37.5	62.6	300	mg/m3
2611	Tungsten carbide	12070-12-1	5.33	10.7	10.7	10.7	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2612	Zirconium carbide	12070-14-3	6.32	12.6	12.6	63.2	mg/m3
2613	Manganese tricarbonyl methylcyclopentadienyl	12108-13-3	0.6	0.6	0.6	7.5	mg/m3
2614	Ammonium bromide	12124-97-9	10	35	200	500	mg/m3
2615	Ammonium fluoride	12125-01-8	4.88	4.88	4.88	12.5	mg/m3
2616	Ammonium chloride	12125-02-9	10	20	500	500	mg/m3
2617	Nickel(III) hydroxide; (Nickelic hydroxide)	12125-56-3	1.87	1.87	1.87	18.7	mg/m3
2618	Mercury hydroxide	12135-13-6	0.0292	0.0292	0.117	11.7	mg/m3
2619	Palladium hydroxide	12135-22-7	0.125	0.3	2.5	75	mg/m3
2620	Ammonium sulfide	12135-76-1	3.5	10	15	15	ppm
2621	Potassium oxide	12136-45-7	0.05	0.15	1	60	mg/m3
2622	Molybdenum disilicide	12136-78-6	15.9	47.6	79.3	500	mg/m3
2623	Titanium(II) oxide	12137-20-1	10	30	50	250	mg/m3
2624	Rhodium oxide (liquids); (Rhodium(IV) oxide)	12137-27-8a	0.00131	0.0393	0.5	2.6	mg/m3
2625	Rhodium oxide (solids); (Rhodium((IV) oxide)	12137-27-8b	0.131	3.93	6.56	131	mg/m3
2626	Uranium telluride	12138-37-3	0.104	1.24	4	20.7	mg/m3
2627	Uranium telluride A	12138-37-3a	0.0857	1.03	3.5	17.1	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2628	Sodium polytungstate	12141-67-2	6.77	13.5	35	150	mg/m3
2629	Potassium stannate	12142-33-5	2.5	7.5	12.5	125	mg/m3
2630	Calcium phosphate tribasic	12167-74-7	10	30	50	250	mg/m3
2631	Amosite	12172-73-5	0.005	0.05	40	200	mg/m3
2632	Dysprosium nickelide	12175-27-8	10	30	50	250	mg/m3
2633	Phosphorus (yellow); (White phosphorus)	12185-10-3	0.1	0.4	3	5	mg/m3
2634	Sodium zirconate; (Disodium zirconium oxide)	12201-48-8	10.9	21.8	21.8	54.6	mg/m3
2635	Potassium antimonate; (Potassium hexahydroxyantimonate)	12208-13-8	1.08	3.24	5.4	108	mg/m3
2636	Aluminum grey LB; (Acid black 60)	12218-95-0	8.44	25.3	42.2	422	mg/m3
2637	Barium hydroxide octahydrate	12230-71-6	1.15	3	20	115	mg/m3
2638	Sodium bismuthate	12232-99-4	1.5	5	35	150	mg/m3
2639	Bismuth germanate	12233-73-7	1.5	5	40	200	mg/m3
2640	Sodium monoxide; (Sodium oxide)	12401-86-4	10	10	10	10	mg/m3
2641	Vanadyl sulfate pentahydrate; (Vanadium(IV) sulfate oxide hydrate)	12439-96-2	0.0696	3	20	200	mg/m3
2642	**Strontium phosphide**	**12504-13-1**	0.2	0.6	**1.0**	**1.8**	ppm
2643	Potassium bismuthate	12589-75-2	1.25	4	25	200	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2644	Nickel carbonate hydroxide; (Basic nickel(II) carbonate)	12607-70-4	1.73	1.73	1.73	17.3	mg/m3
2645	Chromium(VI) hydroxide	12626-43-6	0.005	0.03	0.05	15	mg/m3
2646	Molybdate orange	12656-85-8	5	15	75	500	mg/m3
2647	Polychlorinated biphenyl (Aroclor 1248); (Chlorodiphenyl (48% Cl))	12672-29-6	0.2	0.6	1	5	mg/m3
2648	Silver hydroxide	12673-77-7	0.0116	0.0347	0.06	11.6	mg/m3
2649	Polychlorinated biphenyl (Aroclor 1016); (Chlorodiphenyl (41% Cl))	12674-11-2	0.2	0.6	1	5	mg/m3
2650	Hexacarbonylchromium; (Chromium hexacarbonyl)	13007-92-6	0.05	1.25	1.25	1.25	mg/m3
2651	Nitromethane-d3; (Trideuteronitromethane)	13031-32-8	20	60	100	750	ppm
2652	Hexanediol diacrylate, 1,6-	13048-33-4	1	3.5	25	500	mg/m3
2653	Terbufos	13071-79-9	0.01	0.03	1	1	mg/m3
2654	Cerium (iv) nitrate, 1.5	13093-17-9	10	30	50	250	mg/m3
2655	Ammonium molybdate; (Diammonium molybdate)	13106-76-8	10.2	30.7	51.1	500	mg/m3
2656	Rubidium nitrate	13126-12-0	10	30	50	500	mg/m3
2657	Nickel(II) nitrate; (Nickelous nitrate)	13138-45-9	3.11	3.11	12.5	31.1	mg/m3
2658	Vinylformamide, N-	13162-05-5	5	15	100	500	mg/m3
2659	Phosphamidon; (Famfos)	13171-21-6	0.06	0.15	0.3	60	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2660	Ethyl S,S-dipropylphosphorodithioate, O-; (Mocap PC-84; Ethoprophos)	13194-48-4	0.25	0.75	5	15	mg/m3
2661	Mercuric trifluoroacetate	13257-51-7	0.0213	0.0638	0.0851	4.3	mg/m3
2662	Bis(2-methylstyryl)benzene, 4-; (1,4-Bis(2-(2-methylphenyl)ethenyl)benzene)	13280-61-0	10	30	50	250	mg/m3
2663	Cyclohexane-1,2-dinitrilotetraacetic acid, trans-; (CyDTA)	13291-61-7	10	30	50	250	mg/m3
2664	Borane methyl sulfide complex; (Methyl sulfide complex with borane (1:1))	13292-87-0	0.1	0.3	2	10	ppm
2665	Beryllium hydroxide	13327-32-7	0.00955	0.0239	0.239	19.1	mg/m3
2666	Cesium fluoride	13400-13-0	20	60	100	500	mg/m3
2667	Sodium selenate; (Disodium selenate)	13410-01-0	0.479	1.44	1.6	1.6	mg/m3
2668	Ammonium permanganate	13446-10-1	0.2	3	5	500	mg/m3
2669	Magnesium nitrate hexahydrate	13446-18-9	20	60	500	500	mg/m3
2670	Magnesium(II) nitrate (1:2), hexahydrate	13446-18-9	20	60	500	500	mg/m3
2671	Manganese(II) chloride tetrahydrate	13446-34-9	0.721	10.8	180	500	mg/m3
2672	Potassium molybdate	13446-49-6	12.4	37.2	62.1	500	mg/m3
2673	Gadolinium chloride hexahydrate	13450-84-5	40	75	75	75	mg/m3
2674	Gallium trichloride	13450-90-3	6	20	32	100	mg/m3
2675	Lead(II) perchlorate hydrate	13453-62-8	0.111	0.333	0.555	100	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2676	Lithium metaborate, anhydrous	13453-69-5	2	6	10	50	mg/m3
2677	Cesium nitrite	13454-83-6	0.075	0.2	1.5	60	mg/m3
2678	Cerium(III) sulfate	13454-94-9	7.5	25	150	500	mg/m3
2679	Potassium fluoride dihydrate	13455-21-5	12.4	37.2	61.9	500	mg/m3
2680	Potassium bi-iodate	13455-24-8	4	12.5	75	400	mg/m3
2681	Nickel(II) bromide	13462-88-9	3.72	3.72	3.72	37.2	mg/m3
2682	**Nickel carbonyl**	**13463-39-3**	0.001	0.036	**0.036**	**0.16**	ppm
2683	**Iron pentacarbonyl**	**13463-40-6**	0.06	0.06	**0.060**	**0.18**	ppm
2684	Titanium oxide; (Titanium dioxide)	13463-67-7	15	15	15	500	mg/m3
2685	Potassium arsenite; (Arsenous acid, potassium salt)	13464-35-2	0.0195	0.0585	6	9.74	mg/m3
2686	Tripotassium arsenate	13464-36-3	0.0342	0.103	0.171	17.1	mg/m3
2687	Trisodium arsenate	13464-38-5	0.0277	0.0832	0.139	13.9	mg/m3
2688	Arsenious acid	13464-58-9	0.0168	0.2	1.4	8.41	mg/m3
2689	Indium sulfate	13464-82-9	0.225	0.676	1.13	4	mg/m3
2690	Hydrazine nitrate; (Hydrazinium nitrate)	13464-97-6	1	3	5	25	mg/m3
2691	Hydroxylamine nitrate	13465-08-2	7.62	15.2	26	150	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2692	Samarium(III) chloride hexahydrate	13465-55-9	12.5	40	250	500	mg/m3
2693	Barium nitrite	13465-94-6	0.835	2.5	4.17	20	mg/m3
2694	Barium phosphate	13466-20-1	0.788	2.36	4	20	mg/m3
2695	Strontium nitrite; (Nitrous acid, strontium salt)	13470-06-9	0.04	0.1	0.75	75	mg/m3
2696	Titanium(III) fluoride	13470-08-1	4.6	12.5	75	460	mg/m3
2697	Tungsten(IV) chloride; (Tungsten tetrachloride)	13470-13-8	10	30	50	250	mg/m3
2698	Uranyl hydroxide	13470-18-3a	0.0639	0.766	2.5	12.8	mg/m3
2699	Uranyl hydroxide (liquids)	13470-18-3b	0.0639	0.766	2.5	12.8	mg/m3
2700	Sodium perrhenate; (Rhenium(VII) sodium oxide)	13472-33-8	10	30	50	500	mg/m3
2701	Sodium pyrophosphate decahydrate	13472-36-1	10	30	200	500	mg/m3
2702	Sodium tungstate	13472-45-2	1	3	7.5	500	mg/m3
2703	Aluminum(III) nitrate (1:3)	13473-90-0	7.89	23.67	350	500	mg/m3
2704	Erbium(III) nitrate hexahydrate	13476-05-6	1	3	20	100	mg/m3
2705	Calcium(II) nitrate tetrahydrate (1:2:4)	13477-34-4	15	50	350	500	mg/m3
2706	Nickel(II) nitrate hexahydrate	13478-00-7	4.96	4.96	49.6	49.6	mg/m3
2707	Iron(II) chloride tetrahydrate	13478-10-9	3.56	3.56	7.5	40	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2708	Cobalt(II) perchlorate, hexahydrate	13478-33-6	0.124	0.373	0.621	60	mg/m3
2709	Tellurium	13494-80-9	0.1	0.3	20	25	mg/m3
2710	Hansa yellow	13515-40-7	10	30	50	250	mg/m3
2711	Sodium chromate decahydrate	13517-17-4	0.0329	0.987	20	98.7	mg/m3
2712	Sodium metasilicate nonahydrate	13517-24-3	61.1	183	306	500	mg/m3
2713	Iron(II) perchlorate hexahydrate	13520-69-9	6.33	19	31.6	150	mg/m3
2714	Uranyl nitrate hexahydrate	13520-83-7	0.105	1.27	1.27	21.1	mg/m3
2715	Zirconium chloride oxide octahydrate	13520-92-8	17.7	35.3	35.3	177	mg/m3
2716	Aluminum tris(dihydrogen phosphate); (Phosphoric acid, aluminum salt (3:1)	13530-50-2	11.9	35.7	60	300	mg/m3
2717	Pigment yellow 36; (Zinc chromate)	13530-65-9	0.0176	0.106	15	52.9	mg/m3
2718	Neodymium bromide	13536-80-6	10	30	50	250	mg/m3
2719	Uranyl fluoride; (Uranium oxyfluoride)	13536-84-0	0.0647	0.776	2.5	12.9	mg/m3
2720	Thulium chloride	13537-18-3	15	50	350	500	mg/m3
2721	Chromium perchlorate, hydrated	13537-21-8	3.37	10.1	16.8	168	mg/m3
2722	Iron(III) perchlorate	13537-24-1	6.34	19	31.7	150	mg/m3
2723	Chromium(III) nitrate	13548-38-4	2.29	6.87	11.4	114	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2724	Ammonia-d3	13550-49-7	10	29	177	883	ppm
2725	Lithium nitrite	13568-33-7	0.025	0.06	0.4	40	mg/m3
2726	Lithium molybdate	13568-40-6	9.06	27.2	45.3	200	mg/m3
2727	Lithium deuteride	13587-16-1	0.0282	0.0282	0.1	0.5	mg/m3
2728	Cerium sulfate	13590-82-4	1	3.5	20	100	mg/m3
2729	Beryllium nitrate	13597-99-4	0.0295	0.0738	7.38	59	mg/m3
2730	Phosphonic acid	13598-36-2	2	6	50	500	mg/m3
2731	Uranium hydride; (Uranium(III) hydride)	13598-56-6	0.0506	0.608	2	10.1	mg/m3
2732	Sodium cobaltinitrite	13600-98-1	0.125	0.4	3	15	mg/m3
2733	Tetraamminepalladium(II) nitrate	13601-08-6	1.5	5	35	150	mg/m3
2734	Sodium ferrocyanide	13601-19-9	5.44	16.3	27.2	500	mg/m3
2735	Methylnitrosopiperidine, 3-; (Piperidine, 3-methyl-1-nitroso-)	13603-07-1	0.06	0.15	1.25	6	ppm
2736	Zinc perchlorate	13637-61-1	10	30	50	250	mg/m3
2737	**Chlorine pentafluoride**	**13637-63-3**	0.1	**0.30**	**1.0**	**8.0**	ppm
2738	Nickel perchlorate	13637-71-3	6.23	6.23	6.23	62.3	mg/m3
2739	Barium metaborate	13701-59-2	10	30	200	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2740	Vanadium(III) sulfate	13701-70-7	0.107	0.107	0.107	0.5	mg/m3
2741	Lanthanum fluoride	13709-38-1	8.59	8.59	50	250	mg/m3
2742	Neodymium fluoride	13709-42-7	8.83	26.5	44.1	500	mg/m3
2743	Potassium metaborate	13709-94-9	12.5	35	250	500	mg/m3
2744	Sodium metavanadate; (Sodium vanadate)	13718-26-8	0.1	0.35	2	30	mg/m3
2745	Sodium pertechnetate	13718-28-0	10	30	50	250	mg/m3
2746	Sodium uranium oxide monohydrate	13721-34-1	0.0685	0.822	2.5	13.7	mg/m3
2747	Sodium orthovanadate	13721-39-6	0.182	0.25	1.82	35.4	mg/m3
2748	Potassium ferricyanide	13746-66-2	5.9	17.7	30	500	mg/m3
2749	Zirconium nitrate	13746-89-9	18.6	37.2	37.2	186	mg/m3
2750	Sodium tetrafluoroborate(1-)	13755-29-8	3.61	10.8	18.1	100	mg/m3
2751	Ytterbium fluoride	13760-80-0	10.1	10.1	10.1	10.1	mg/m3
2752	Potassium dideuterium phosphate	13761-79-0	0.0015	0.004	0.0075	0.015	mg/m3
2753	Calcium chromate	13765-19-0	0.015	0.0901	1.25	45	mg/m3
2754	Nickel sulfamate; (Nickel(II) sulfamate)	13770-89-3	4.27	4.27	4.27	200	mg/m3
2755	Sodium aluminum hydride	13770-96-2	3	7.5	60	300	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2756	Calcium nitrite	13780-06-8	0.03	0.075	0.6	50	mg/m3
2757	Sulfuric Acid-d2; (Deuterosulfuric acid)	13813-19-9	1	1	3	15	mg/m3
2758	Lead fluoborate	13814-96-5	0.0919	0.276	0.459	184	mg/m3
2759	Tin fluoroborate	13814-97-6	4.93	14.8	25	246	mg/m3
2760	Trimethoxysilyl)-1-propanamine, 3-(	13822-56-5	10	30	50	250	mg/m3
2761	Thorium(IV) nitrate	13823-29-5	0.75	2	15	25	mg/m3
2762	Sodium hypobromite	13824-96-9	10	30	50	250	mg/m3
2763	Thorium hydroxide	13825-36-0	0.75	0.75	2.5	75	mg/m3
2764	Thallium nitrite	13826-63-6	0.123	0.368	0.613	18.4	mg/m3
2765	Lead nitrite	13826-65-8	0.0722	0.217	0.361	1.5	mg/m3
2766	Zirconyl nitrate; (Bis(nitrato-O)oxozirconium)	13826-66-9	12.7	25.3	25.3	127	mg/m3
2767	Ammonium fluoborate	13826-83-0	3.45	3.45	6	20	mg/m3
2768	Nitronium Tetrafluoroborate	13826-86-3	4.37	13.1	21.8	150	mg/m3
2769	**Bromine chloride**	**13863-41-7**	0.15	**0.5**	**2.5**	**7.6**	ppm
2770	Chromates	13907-45-4	0.00962	0.2886	6	28.8	mg/m3
2771	Molybdenum hexacarbonyl	13939-06-5	27.5	82.6	138	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2772	Nickel fluoride	13940-83-5	2.88	2.88	3	28.8	mg/m3
2773	Potassium ferrocyanide; (Tetrapotassium hexacyanoferrate)	13943-58-3	11.8	35.4	59	59	mg/m3
2774	Butylamine, sec-	13952-84-6	5	5	10	20	ppm
2775	Sodium deuteroxide	14014-06-3	0.15	0.5	5	50	mg/m3
2776	Ferrous sulfamate	14017-39-1	1	3	5	25	mg/m3
2777	Borane-tetrahydrofuran	14044-65-6	5	15	25	125	mg/m3
2778	Potassium tetrafluoroborate(1-)	14075-53-7	4.14	124	207	414	mg/m3
2779	Technetium-99	14133-76-7					mg/m3
2780	Salcomine; (bis(Salicylaldehyde)ethylenediimine cobalt(II))	14167-18-1	7.5	20	39	400	mg/m3
2781	Cobalt tetraphenylporphine	14172-90-8	10	30	50	250	mg/m3
2782	Borate	14213-97-9	60	150	500	500	mg/m3
2783	Potassium orthovanadate	14293-78-8	0.0638	0.191	0.638	44.6	mg/m3
2784	Pigment green 36	14302-13-7	15	50	350	500	mg/m3
2785	Lithium chromate; (Lithium chromate dihydrate)	14307-35-8	0.016	0.479	0.798	47.9	mg/m3
2786	Ammonium tartrate	14307-43-8	10	10	10	10	mg/m3
2787	Cinnamaldehyde, (E); (trans-Cinnamaldehyde)	14371-10-9	0.075	0.25	2	250	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2788	Sodium nitroferricyanide	14402-89-2	0.6	2	12.5	20	mg/m3
2789	Strontium phosphate; (Strontium orthophosphate)	14414-90-5	10	30	500	500	mg/m3
2790	Glucose monohydrate, D(+)-; (Dextrose)	14431-43-7	10	30	50	250	mg/m3
2791	Potassium hexacyanoferrate(II) trihydrate; (Potassium ferricyanide trihydrate)	14459-95-1	13.5	40.6	67.6	67.6	mg/m3
2792	Cristobalite	14464-46-1	0.025	0.075	25	25	mg/m3
2793	Zirconium hydroxide	14475-63-9	8.73	17.5	17.5	87.3	mg/m3
2794	Lanthanum hydroxide	14507-19-8	0.2	0.75	2	2.5	mg/m3
2795	Neodymium nitrate, pentahydrate	14517-29-4	10	30	50	250	mg/m3
2796	Phenanthroline ferrous sulfate, 1,10-	14634-91-4	10	30	50	250	mg/m3
2797	Ethyl-2-methylheptane, 3-	14676-29-0	15	50	350	1500	ppm
2798	Nitrate(s)	14797-55-8	10	30	50	250	mg/m3
2799	Talc	14807-96-6	2	2	10	500	mg/m3
2800	Silica, crystalline-quartz; (Silicon dioxide)	14808-60-7	0.3	0.3	0.3	50	mg/m3
2801	Lanthanum phosphate	14913-14-5	0.3	0.75	3	3	mg/m3
2802	Cupric nitrite	14984-71-5	0.122	0.184	0.6	60	mg/m3
2803	Zirconium oxynitrate hydrate	14985-18-3	13.7	27.4	27.4	137	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2804	Bicyclo(2.2.1)heptane-2-carbonitrile, 5-chloro-6-((((methylamino)carbonyl)oxy)imino)-, (lS-(1-alpha,2-beta,4-alpha,5-alpha,6E))-	15271-41-7	3.5	10	19	19	mg/m3
2805	Nitrilotriacetic acid, disodium salt; (Disodium nitrilotriacetate)	15467-20-6	6	15	125	500	mg/m3
2806	Disodium (2-ethylhexyl)phosphate	15505-13-2	0.02	0.06	0.4	2	mg/m3
2807	Potassium tellurate	15571-91-2	0.211	0.634	1.06	2	mg/m3
2808	Thallium(III) perchlorate hexahydrate	15596-83-5	0.299	0.897	7.5	44.8	mg/m3
2809	Ammonium nickel sulfate	15699-18-0	4.89	4.89	5	48.9	mg/m3
2810	Manganese(II) nitrate hydrate	15710-66-4	0.717	10.8	17.9	500	mg/m3
2811	Triethylammonium bicarbonate buffer ph 8.5	15715-58-9	10	30	50	250	mg/m3
2812	Cerium oxalate	15750-47-7	22.6	67.7	113	500	mg/m3
2813	Cerium hydroxide	15785-09-8	0.75	0.75	2	75	mg/m3
2814	Mercurous oxide; (Mercury(I) oxide)	15829-53-5	0.026	0.026	0.104	10.4	mg/m3
2815	Dimethyloctane, 3,5-	15869-93-9	100	200	500	2500	ppm
2816	Oxathiane, 1,4-	15980-15-1	4	12.5	75	400	ppm
2817	Thorium perchlorate	16045-17-3	31.4	94.3	157	500	mg/m3
2818	Dicyclohexano-18-crown-6	16069-36-6	0.2	0.6	4	75	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2819	Bromo-3-chloro-5,5-dimethylhydantoin, 1-; (1-Bromo-3-chloro-5,5-dimethyl-2,4-imidazolidinedione)	16079-88-2	6	15	125	500	mg/m3
2820	**Ethylidene norbornene**	**16219-75-3**	0.06	**0.2**	**100**	**500**	ppm
2821	Bis(2-ethylhexyl) phenyl phosphate	16368-97-1	0.075	0.2	1.5	7.5	mg/m3
2822	Monobutyl phosphite	16456-56-7	6	20	150	500	mg/m3
2823	Neodymium hydroxide	16469-17-3	0.75	0.75	2	75	mg/m3
2824	Gadolinium hydroxide	16469-18-4	0.75	0.75	2.5	75	mg/m3
2825	Bromocyclohexanol, Cis-2-	16536-57-5	0.04	0.125	0.75	40	ppm
2826	Ethyl-6-methyl-4-phenyl-3-cyclohexene-1-carboxylic acid sodium salt, 5-; (Mebane sodium salt)	16550-39-3	0.001	0.003	0.02	0.1	mg/m3
2827	Magnesium acetate tetrahydrate	16674-78-5	0.75	2.5	20	100	mg/m3
2828	Sodium sulfhydrate; (Sodium hydrosulfide)	16721-80-5	0.06	0.15	1.25	6	mg/m3
2829	Potassium pyrosulfite; (Potassium metabisulfite)	16731-55-8	20	60	400	500	mg/m3
2830	Methomyl	16752-77-5	2.5	7.5	10	200	mg/m3
2831	Ceric ammonium nitrate	16774-21-3	39.1	117	200	500	mg/m3
2832	Vanadium sulfate	16785-81-2	0.5	1.5	10	50	mg/m3
2833	Potassium phosphate dibasic trihydrate	16788-57-1	300	500	500	500	mg/m3
2834	**Cobalt hydrocarbonyl**	**16842-03-8**	0.0415	0.0415	**0.13**	**0.42**	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2835	Lithium tetrahydroaluminate(1-); (Lithium aluminum hydride)	16853-85-3	2.81	2.81	7.5	35	mg/m3
2836	Potassium hexafluorosilicate; (Silicate(2-), hexafluoro-, dipotassium)	16871-90-2	0.4	1.25	7.5	60	mg/m3
2837	Fluoboric acid; (Tetrafluoroboric acid)	16872-11-0	2.89	2.89	7.5	40	mg/m3
2838	Tetramethyl ammonium, tetrahydroborate(1-)	16883-45-7	0.3	1	6	35	mg/m3
2839	Chloride	16887-00-6	0.5	1	1	10	ppm
2840	Disodium hexafluorosilicate (2-)	16893-85-9	4.12	4.12	5	5	mg/m3
2841	Ammonium hexafluorosilicate; (Ammonium silicofluoride)	16919-19-0	3.91	11.7	20	30	mg/m3
2842	Zirconium potassium fluoride; (Potassium fluorozirconate)	16923-95-8	37.3	149	150	500	mg/m3
2843	Sodium borohydride	16940-66-2	0.075	0.2	1.5	7.5	mg/m3
2844	Dihydrogen hexachloroplatinate; (Chloroplatinic acid)	16941-12-1	0.0042	0.0126	1.5	8.4	mg/m3
2845	Lithium borohydride; (Lithium tetrahydroborate)	16949-15-8	4.03	12.1	20.2	35	mg/m3
2846	Silicofluoric acid; (Fluorosilicic acid)	16961-83-4	3.16	9.48	15.8	50	mg/m3
2847	Fluorides (as F)	16984-48-8	2.5	2.5	2.5	250	mg/m3
2848	Copper(II) perchlorate, dihydrate	17031-32-2	4.7	14.1	23.5	23.5	mg/m3
2849	Aluminum hexafluorosilicate	17099-70-6	3.51	10.5	17.6	351	mg/m3
2850	Iodine 125	17144-19-3	0.01	0.1	0.5	5	ppm

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

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2851	Barium hydroxide	17194-00-2	0.624	1.87	3.12	62.4	mg/m3
2852	Methylnonane, 4-	17301-94-9	2	6	40	200	ppm
2853	Dimethylnonane, 4,5.	17302-23-7	125	250	250	250	ppm
2854	Dimethyldecane, 2,2-	17302-37-3	50.3	50.3	259	1250	ppm
2855	**Butyl chloroformate, sec-**	**17462-58-7**	0.1	0.3	**2.2**	**6.7**	ppm
2856	Urea, substituted; (Urea, N,N''-(4-methyl-1,3-phenylene)bis[N',N'-dimethyl-)	17526-94-2	1.5	5	35	150	mg/m3
2857	Iminodiacetic acid, disodium salt hydrate	17593-73-6	35	100	500	500	mg/m3
2858	Decaborane	17702-41-9	0.3	0.75	10	15	mg/m3
2859	Formparanate	17702-57-7	1.5	4	7.2	7.2	mg/m3
2860	Tetraethylene glycol diacrylate	17831-71-9	1	3.5	25	350	mg/m3
2861	Nickel(II) nitrite	17861-62-0	1	1	1	10	mg/m3
2862	Sodium triethylborohydride	17979-81-6	22.6	67.7	113	150	mg/m3
2863	Dimethyltetramethoxydisiloxane, 1,3-	18186-97-5	10	30	50	250	mg/m3
2864	Tin(IV) oxide; (Stannic oxide)	18282-10-5	2.54	7.62	12.7	500	mg/m3
2865	Strontium hydroxide	18480-07-4	0.75	0.75	20	75	mg/m3
2866	Manganese nitrite	18488-90-9	0.535	8.02	13.4	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2867	Mercury nitrite; (Mercury(II) nitrite)	18541-72-5	0.0365	0.0365	0.146	14.6	mg/m3
2868	Ferrous hydroxide; (Iron(III) hydroxide)	18624-44-7	1.61	4.83	8.05	400	mg/m3
2869	Nitrilotriacetic acid, trisodium salt, monohydrate	18662-53-8	0.06	0.2	1.25	500	mg/m3
2870	Manganous sulfide; (Manganese(II) sulfide)	18820-29-6	0.317	0.95	7.92	500	mg/m3
2871	Molybdenum dioxide	18868-43-4	6.67	6.67	6.67	500	mg/m3
2872	Ethylhexyl bromide, 2-	18908-66-2	10	30	50	250	mg/m3
2873	Manganese hydroxide	18933-05-6	0.324	4.86	8.1	500	mg/m3
2874	Sodium citrate; (Monosodium citrate)	18996-35-5	10	30	50	500	mg/m3
2875	Cupric nitrate hemipentahydrate	19004-19-4	3.8	11.4	19	380	mg/m3
2876	Phosphonic acid, dioctadecyl ester	19047-85-9	0.02	0.06	0.4	2	mg/m3
2877	**Diborane**	**19287-45-7**	0.1	0.15	**1.0**	**3.7**	ppm
2878	Hexachlorodibenzo-p-dioxin, 1,2,3,7,8,9-; (HexaCDD, 1,2,3,7,8,9-)	19408-74-3	0.005	0.015	0.1	0.5	mg/m3
2879	Naphthalenetrisulfonic acid sodium salt, 1,3,6-	19437-42-4	10	30	50	250	mg/m3
2880	Dimethyl cyclopentanol, 1,3-	19550-46-0	10	30	50	250	mg/m3
2881	Sodium strontium phosphate	19553-80-1	10	30	50	500	mg/m3
2882	Lithium azide	19597-69-4	10	10	10	10	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2883	**Pentaborane**	**19624-22-7**	0.005	0.015	**0.14**	**0.70**	ppm
2884	Dodecen-1-yl)succinic anhydride, (2-; (DDSA)	19780-11-1	10	30	50	250	mg/m3
2885	Lead hydroxide	19783-14-3	0.0582	0.175	0.3	1.5	mg/m3
2886	Hexanitrostilbene	20062-22-0	0.25	0.75	6	30	mg/m3
2887	Propyl-1-butanamine, N-	20193-21-9	15	50	350	500	mg/m3
2888	Cesium oxide	20281-00-9	2.24	6.72	11.2	500	mg/m3
2889	Tripropylene glycol monomethyl ether; (1-(2-(2-Methoxy-1-methylethoxy)-1-methylethoxy)-2-propanol)	20324-33-8	0.004	0.0125	0.1	150	ppm
2890	Trimethyl-2,5,8,11-tetraoxatetradecan-13-ol, 4,7,10-	20324-34-9	10	30	50	250	mg/m3
2891	Dianisidine dihydrochloride, o-; (3,3'-Dimethoxybenzidine dihydrochloride)	20325-40-0	0.1	0.35	2.5	7.5	mg/m3
2892	Iron hydroxide oxide	20344-49-4	15.9	47.7	79.6	400	mg/m3
2893	Zinc hydroxide	20427-58-1	0.6	0.6	1.5	60	mg/m3
2894	Copper hydroxide	20427-59-2	1.54	4.61	7.68	400	mg/m3
2895	Sodium diethyldithiocarbamate trihydrate	20624-25-3	6	15	125	500	mg/m3
2896	Silver oxide	20667-12-3	10	30	50	50	mg/m3
2897	Chromium(III) oxide hydroxide; (Chromium oxyhydroxide)	20770-05-2	0.817	1	7.5	40.9	mg/m3
2898	**Potassium phosphide**	**20770-41-6**	0.4	1.25	**2.0**	**3.6**	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2899	**Osmium tetroxide**	**20816-12-0**	0.000193	0.0006	**0.0084**	**4.0**	ppm
2900	Methylphosphonothioic acid, S-(2-(dimethylamino)ethyl) O-ethyl ester	20820-80-8	0.00006	0.0002	0.00125	0.006	ppm
2901	Digoxin	20830-75-5	0.04	0.125	0.2	0.35	mg/m3
2902	**Aluminum phosphide**	**20859-73-8**	0.907	0.907	**2.0**	**3.6**	ppm
2903	Cobalt hydroxide	21041-93-0	0.0315	0.0946	0.158	0.75	mg/m3
2904	Cadmium hydroxide	21041-95-2	0.00651	0.0391	4	11.7	mg/m3
2905	Fusariotoxin T2; (T2-Trichothecene)	21259-20-1	0.0015	0.004	0.03	0.4	mg/m3
2906	Ethylenediaminetetraacetic acid, ferric ammonium salt	21265-50-9	2.5	7.5	50	250	mg/m3
2907	Cesium hydroxide	21351-79-1	2	2	7.5	250	mg/m3
2908	Fosthietan	21548-32-3	0.75	2.5	4.7	4.7	mg/m3
2909	Leptophos	21609-90-5	6	15	30	30	mg/m3
2910	Aluminum hydroxide	21645-51-2	1	3	125	125	mg/m3
2911	Rhodium(III) hydroxide (liquids)	21656-02-0a	0.0015	0.045	0.6	2.99	mg/m3
2912	Rhodium(III) hydroxide (solids)	21656-02-0b	0.15	4.49	7.5	150	mg/m3
2913	Mercury(II) oxide; (Mercuric oxide)	21908-53-2	0.027	0.15	1.08	10.8	mg/m3
2914	Chlorthiophos	21923-23-9	0.35	1	7.8	7.8	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2915	Europium(II) iodide	22015-35-6	10	30	50	250	mg/m3
2916	Nicotine, dl-beta-; (DL-Nicotine)	22083-74-5	1.29	3.5	3.5	75	mg/m3
2917	Copper(I) sulfide	22205-45-4	1.25	3.76	6.26	30	mg/m3
2918	Fenamiphos	22224-92-6	0.05	0.15	0.9	40	mg/m3
2919	Bismuth acetate	22306-37-2	10	30	50	250	mg/m3
2920	Aminoacetaldehyde dimethyl acetal; (2,2-dimethoxyethylamine)	22483-09-6	10	30	50	250	mg/m3
2921	Trifluoro-1-(2-thienyl)-1,3-butanedione, 4,4,4-, boron difluoride	22502-27-8	0.75	2.5	15	75	mg/m3
2922	Lithium triethylborohydride; (Super-hydride)	22560-16-3	1.5	5	35	150	mg/m3
2923	Calcium chloride hydrate	22691-02-7	30	100	450	500	mg/m3
2924	Sodium bis(2-methoxyethoxy) aluminum hydride	22722-98-1	15	45	75	350	mg/m3
2925	Ethylbenzaldehyde, 2-	22927-13-5	10	30	200	1000	ppm
2926	Methyl mercury	22967-92-6	0.0107	0.0322	0.043	2.15	mg/m3
2927	Oxamyl	23135-22-0	0.35	1	1.7	15	mg/m3
2928	Formetanate hydrochloride	23422-53-9	3.5	10	18	18	mg/m3
2929	Pirimifos-ethyl	23505-41-1	5	15	25	60	mg/m3
2930	Propanol, zirconium(4+) salt, 1-	23519-77-9	18	53.9	89.8	180	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2931	Triazofos; (Triazophos)	24017-47-8	0.5	1.5	2.8	125	mg/m3
2932	Di-tert-butyl dicarbonate	24424-99-5	0.4	1.25	7.5	40	mg/m3
2933	**Ethylhexylchloroformate, 2-**	**24468-13-1**	0.04	0.125	**0.97**	**2.9**	ppm
2934	Diisopropylaniline, 2,6-	24544-04-5	35	100	500	500	mg/m3
2935	Tripropylene glycol; (((1-methyl-1,2-ethanediyl)bis(oxy))bispropanol)	24800-44-0	1.5	5	35	150	ppm
2936	Chlormephos	24934-91-6	1.25	4	7	35	mg/m3
2937	Ethylene/vinyl acetate copolmer	24937-78-8	10	30	50	250	mg/m3
2938	Glycols, polyethylene, dimethyl ether	24991-55-7	75	200	500	500	mg/m3
2939	Acrylamide, N,N'-methylenebisacrylamide copolymer	25034-58-6	10	30	50	250	mg/m3
2940	Epoxy resin; (Bisphenol A-Bisphenol A diglycidyl ether polymer))	25036-25-3	7.5	25	150	500	mg/m3
2941	Polyamide 6; (Capron; Poly(iminocarbonylpentamethylene))	25038-54-4	10	30	200	500	mg/m3
2942	Vinyl acrylic resin; (Vinyl acetate, polymer with n-butyl acrylate)	25067-01-0	10	30	50	250	mg/m3
2943	Epoxy resin (EPON 1001)	25068-38-6a	125	350	500	500	mg/m3
2944	Epoxy resin (EPON 1007)	25068-38-6b	125	350	500	500	mg/m3
2945	Epoxy resin (EPON 820)	25068-38-6c	50	150	500	500	mg/m3
2946	Epoxy resin ERL-2795	25068-38-6d	4	12.5	100	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2947	Vinylpyrrolidone/vinyl acetate copolymer	25086-89-9	100	250	250	250	mg/m3
2948	Styrene-allyl alcohol copolymer	25119-62-4	10	30	50	250	mg/m3
2949	Nadic methyl anhydride	25134-21-8	0.75	2	15	75	mg/m3
2950	Polysulfone resin	25135-51-7	10	30	50	250	mg/m3
2951	Nonyl phenol (mixed isomers)	25154-52-3	6	20	125	500	mg/m3
2952	Nitrophenol (mixed isomers)	25154-55-6	0.75	2.5	15	75	mg/m3
2953	Sodium dodecylbenzenesulfonate; (Dodecyl benzene sodium sulfonate)	25155-30-0	4	12.5	75	200	mg/m3
2954	Trimethyl-1,3-pentanediol monoisobutyrate, 2,2,4-; (Texanol)	25265-77-4	25	75	500	500	mg/m3
2955	Bis(1-methylethyl)benzene; (Diisopropylbenzene)	25321-09-9	5	15	100	500	mg/m3
2956	Dinitrotoluene	25321-14-6	0.2	0.6	12.5	50	mg/m3
2957	Tetrachloroethane (mixed isomers)	25322-20-7	1.5	5	35	400	ppm
2958	Polyethylene glycol	25322-68-3	10	60	500	500	mg/m3
2959	Polypropylene glycols	25322-69-4	10	30	200	500	mg/m3
2960	**Diethyl benzene isomers; (Dowtherm J)**	**25340-17-4**	5	**10**	**100**	**500**	ppm
2961	Triethylbenzene (mixed isomers)	25340-18-5	6	15	125	600	ppm
2962	Dodecenylsuccinic anhydride	25377-73-5	5	15	100	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2963	Tripropylene glycol methyl ether	25498-49-1	12.5	40	250	500	mg/m3
2964	Dinitrophenol	25550-58-7	0.25	0.75	5	25	mg/m3
2965	Poly(1-(2-oxo-1-pyrrolidinyl)ethylene)iodine complex; (Iodine solutions)	25655-41-8	12.5	50	400	500	mg/m3
2966	Zirconium nitride	25658-42-8	5.77	11.5	11.5	57.7	mg/m3
2967	Styrenesulfonate), poly(sodium 4-	25704-18-1	150	500	500	500	mg/m3
2968	Polyethylene glycol dimethacrylate	25852-47-5	10	30	50	250	mg/m3
2969	Epoxy resin; (Epichlorhydrin, polymer with diethylene glycol)	25928-94-3	0.06	0.2	1.25	6	mg/m3
2970	Glycols, polyethylene, mono(p-nonylphenyl) ether; (Nonoxynol-9)	26027-38-3	0.025	0.075	0.6	60	mg/m3
2971	Diallyldimethylammonium chloride polymer	26062-79-3	12.5	35	250	500	mg/m3
2972	Polymaleic acid; (2-Butenediiodic acid homopolymer)	26099-09-2	10	30	50	250	mg/m3
2973	Lithium nitride	26134-62-3	10	10	10	10	mg/m3
2974	Terphenyls; (Diphenylbenzene)	26140-60-3	1.5	5	9	500	mg/m3
2975	Chloro-methyl-isothiazolin-3-one, 5-	26172-55-4	0.2	0.6	1	1	mg/m3
2976	Sodium tridecylbenzene sulfonate	26248-24-8	2	6	40	200	mg/m3
2977	Sorbitan trioleate	26266-58-0	15	50	350	500	mg/m3
2978	Carbamic acid, methyl-, O-(((2,4-dimethyl-1,3-dithiolan-2-yl)methylene)amino)-	26419-73-8	0.2	0.6	1	1	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2979	Diphenyl o-cresol phosphate; (Diphenyl cresol phosphate)	26444-49-5	2.5	7.5	50	500	mg/m3
2980	Methylenebis(isocyanato-benzene), 1,1'-; (Diphenyl methane diisocyanate)	26447-40-5	5	15	25	125	mg/m3
2981	Toluene diisocyanate (mixed isomers)	26471-62-5	0.25	0.75	2	2	ppm
2982	Dimethyldicyclopentadiene	26472-00-4	7.5	25	200	500	mg/m3
2983	Dodenyl succine anhydride; (Tetrapropenylsuccinic anhydride)	26544-38-7	10	30	200	500	mg/m3
2984	Poly(ethylene glycol)diacrylate	26570-48-9	1.5	5	35	150	mg/m3
2985	Poly(acrylamide-co-diallyldimethylammonium chloride)	26590-05-6	10	30	50	250	mg/m3
2986	Sodium azide	26628-22-8	0.0125	0.04	0.29	12.5	mg/m3
2987	Poly(oxy-1,2-ethanediyl), alpha-(4-octylphenyl)-omega-hydroxy-; (Polyethylene glycol mono(p-octylphenol)ether)	26636-32-8	3	7.5	60	300	mg/m3
2988	Dichloropropane	26638-19-7	10	300	400	400	ppm
2989	Forane	26675-46-7	2000	5000	5000	5000	ppm
2990	Neodecanoic acid	26896-20-8	12.5	40	300	500	mg/m3
2991	**Trichloro(dichlorophenyl) silane; (Dichlorophenyltrichlorosilane)**	**27137-85-5**	0.2	**0.60**	**7.3**	**33**	ppm
2992	Dodecylbenzene sulfonic acid; (Laurylbenzenesulfonic acid)	27176-87-0	2.5	7.5	50	250	mg/m3
2993	Dodecylphenol, 4- (mixture of isomers)	27193-86-8	7.5	25	150	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2994	Diisooctyl acid phosphate	27215-10-7	7.5	25	150	500	mg/m3
2995	Stilbene 3; (Stilbene 420; Tinopal CBS; Disodium 4,4'-bis(2-sulfostyryl)biphenyl)	27344-41-8	0.25	0.75	6	500	mg/m3
2996	Acetic acid ethenyl ester, polymer with 1,1-bis(ethenyloxy) butane and ethenol	27360-07-2	10	30	50	250	mg/m3
2997	Diammonium molybdate	27546-07-2	8.81	8.81	8.81	500	mg/m3
2998	Vanadyl sulfate; (Oxysulfatovanadium)	27774-13-6	0.05	0.075	0.5	35	mg/m3
2999	Phenol, polymer with formaldehyde, oxiranylmethyl ether	28064-14-4	15	50	350	500	mg/m3
3000	Hexamethylene diisocyanate polymer	28182-81-2	7.5	25	200	500	mg/m3
3001	Trinitrochlorobenzene; (Picryl chloride)	28260-61-9	10	30	50	250	mg/m3
3002	Aminoheptane, 3-; (3-Heptylamine)	28292-42-4	0.06	0.15	1.25	6	ppm
3003	Antimony potassium tartrate trihydrate	28300-74-5	1.31	3.92	6.53	131	mg/m3
3004	Xylylene dichloride	28347-13-9	0.4	1.25	2	75	mg/m3
3005	Diethyl (methylthiomethyl) phosphonate	28460-01-7	0.05	0.15	1	5	ppm
3006	Bromadiolone	28772-56-7	0.2	0.6	1	1	mg/m3
3007	Dimethylpolysilane; (Poly(dimethylsilane))	28883-63-8	0.75	2.5	10	25	mg/m3
3008	Dihydro-3-(Nonenyl)-2,5-furandione	28928-97-4	10	30	50	250	mg/m3
3009	Butyl methyl-d3 ether, tert-	29366-08-3	50	150	4000	4000	ppm

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3010	Methyl-1H-benzotriazole	29385-43-1	10	30	50	300	mg/m3
3011	Potassium antimonate	29638-69-5	2.1	6.31	10.5	210	mg/m3
3012	Tris((hydroxymethyl)methylamino)propane-1-sulphonic acid, 3-	29915-38-6	10	30	50	250	mg/m3
3013	Propoxypropanol, , n-; (Propylene glycol monpropyl ether)	30136-13-1	1.25	4	25	125	ppm
3014	Paraformaldehyde	30525-89-4	4	12.5	75	100	mg/m3
3015	Epoxy resin, cured; (4,4'-(1-Methylethylidene)biscyclohexanol, polymer with (chloromethyl)oxirane)	30583-72-3	10	30	50	250	mg/m3
3016	**Isocyanatoethyl methacrylate, 2-**	**30674-80-7**	0.02	0.06	**0.1**	**1**	ppm
3017	Benzo-4,7,13,16,21,24-hexaoxa-1,10-diazabicyclo(8.8.8)hexacosane, 5,6-	31250-18-7	1.5	5	35	150	mg/m3
3018	Sodium p-tert-amylphenate; (4-(1,1-dimethylpropyl)phenol, sodium salt)	31366-95-7	10	30	50	250	mg/m3
3019	Glyceryl monostearate; (Octadecanoic acid, monoester with 1,2,3-propanetriol)	31566-31-1	10	30	50	75	mg/m3
3020	Samarium(ii) iodide solution	32248-43-4	7.5	25	150	500	mg/m3
3021	Octadecyl methacrylate	32360-05-7	10	30	50	250	mg/m3
3022	Cobalt nitrite	32486-57-0	0.0512	0.154	0.256	1.25	mg/m3
3023	Sodium antimonate; (Sodium hexahydroxoantimonate)	33908-66-6	0.792	2.37	4	79.2	mg/m3
3024	Butanol-d10, n-	34193-38-9	0.5	1.5	10	50	ppm
3025	Dihydro-4-methyl furan, 2,3-	34314-83-5	1.5	5	35	150	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3026	Phenol red, sodium salt	34487-61-1	7.5	25	150	500	mg/m3
3027	Dipropylene glycol methyl ether	34590-94-8	100	150	300	600	ppm
3028	Iron(III) sulfate heptahydrate	35139-28-7	4.98	14.9	25	500	mg/m3
3029	Saxitoxin	35523-89-8	0.000035	0.0001	0.0006	0.0035	mg/m3
3030	Amino-4,6-dinitrotoluene, 2-	35572-78-2	6	15	125	500	mg/m3
3031	Heptachlorodibenzo-p-dioxin, 1,2,3,4,6,7,8-; (HeptaCDD, 1,2,3,4,6,7,8-)	35822-46-9	0.15	0.5	2.5	2.5	mg/m3
3032	Camphorsulfonic acid, (1R)-(-)-10-	35963-20-3	4	12.5	75	400	mg/m3
3033	Uranyl nitrate (yellow salt)	36478-76-9	0.0828	0.993	0.993	16.6	mg/m3
3034	Hexadecanol, 1-	36653-82-4	2.5	7.5	60	300	mg/m3
3035	Vanadium(II) sulfate heptahydrate	36907-42-3	0.05	0.05	0.05	0.25	mg/m3
3036	Oxone, monopersulfate compound	37222-66-5	10	30	50	250	mg/m3
3037	Polyethylene glycol 20M	37225-26-6	10	30	500	500	mg/m3
3038	Metaphosphoric acid	37267-86-0	10	30	50	250	mg/m3
3039	Polychlorinated biphenyl (Aroclor 1262); (Chlorodiphenyl (62% Cl))	37324-23-5	1	3	5	5	mg/m3
3040	Sodium nickel oxide (Liquid)	37367-09-2	2.33	2.33	2.33	23.3	mg/m3
3041	Amberlite XAD-7HP	37380-43-1	10	30	50	200	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3042	Ammonium hydrogen oxalate hemihydrate	37541-72-3	7.5	25	150	500	mg/m3
3043	Disodium ethylenediaminediacetate (S and U isomers)	38011-25-5	4	12.5	75	400	mg/m3
3044	Diisopropylnaphthalene; (Bis(isopropyl)naphthalene)	38640-62-9	12.5	40	300	500	mg/m3
3045	Imidazole, substituted; (1,3,5-Triazine-2,4-diamine, 6-[2-(2-metyhyl-1H-imidazol-1-yl)ethyl]; Curezol 2MEA-PW)	38668-46-1	10	30	50	250	mg/m3
3046	Butyl-2-methylcyclopropane, T-1-	38851-70-6	10	30	50	250	mg/m3
3047	Octachlorodibenzofuran, 1,2,3,4,6,7,8,9-	39001-02-0	0.003	0.0075	0.06	10	mg/m3
3048	Thiofanox; (Dacamox)	39196-18-4	8.5	8.5	8.5	30	mg/m3
3049	Hexachlorodibenzodioxin, 1,2,3,4,7,8-; (HexaCDD, 1,2,3,4,7,8-)	39227-28-6	0.0004	0.00125	0.0075	0.4	mg/m3
3050	Aerosol, A-102; (Poly(oxy-1,2-ethanediyl), alpha-(3-carboxy-1-oxo-3-sulfopropyl)-omega-(dodecyloxy)-, -disodium salt)	39354-45-5	125	400	500	500	mg/m3
3051	Magnesium carbonate-magnesium hydroxide, pentahydrate	39409-82-0	48.8	97.7	163	500	mg/m3
3052	Titanium aluminide	39410-63-4	10	30	50	250	mg/m3
3053	Polyoxypropylene polyamine	39423-51-3	10	30	50	250	mg/m3
3054	Nickel carbonate hydroxide; (Basic nickel carbonate tetrahydrate)	39430-27-8	2.14	2.14	4	21.4	mg/m3
3055	Chromium(III) acetate hydroxide	39430-51-8	2.4	7.21	12.5	120	mg/m3
3056	Pentachlorodibenzo-p-dioxin, 1,2,3,7,8-	40321-76-4	0.00075	0.0025	0.015	0.075	mg/m3
3057	**Lewisite 2; (Bis(2-chlorovinyl)chloroarsine)**	**40334-69-8**	0.12	0.12	**0.12**	**0.74**	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3058	**Lewisite 3; (Tris(2-chlorovinyl)arsine)**	**40334-70-1**	0.12	0.12	**0.12**	**0.74**	mg/m3
3059	Dimethyl(1-phenylethyl)benzene	40766-31-2	4	12.5	75	500	mg/m3
3060	Tin nitrate	41480-79-9	4.09	12.3	20.4	204	mg/m3
3061	Nabumetone; (Relafen; 4-(6-methoxy-2-naphthyl)-2-butanone)	42924-53-8	10	30	125	500	mg/m3
3062	Trimethyldecane, 3,3,4-	49622-18-6	46.5	46.5	239	1250	ppm
3063	Trimethylolpropane ethoxylate	50586-59-9	10	30	50	250	mg/m3
3064	**Ethyl-S-dimethylaminoethyl methylphosphonothiolate; (VX nerve agent)**	**50782-69-9**	0.000005	**1.6E-05**	**0.00027**	**0.00091**	ppm
3065	Potassium nickel oxide (liquids); (Nickel potassium oxide)	50811-97-7	2.88	2.88	3	28.8	mg/m3
3066	Bacto peptone	51142-18-8	10	30	50	250	mg/m3
3067	Tetrachlorodibenzofuran, 2,3,7,8-	51207-31-9	0.0006	0.002	0.002	0.002	mg/m3
3068	Molybdophosphoric acid hydrate; (Phosphomolybdic acid hydrate)	51429-74-4	8.07	8.07	8.07	500	mg/m3
3069	Giemsa's stain; (… blood stain)	51811-82-6	10	30	50	250	mg/m3
3070	Ethyl-5-methylheptane, 3-	52896-90-9	0.06	0.2	1.25	5000	ppm
3071	Tetramethylammonium silicate	53116-81-7	10	30	50	250	mg/m3
3072	Potassium strontium phosphate	53201-92-6	10	30	50	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3073	Polychlorinated biphenyl (Aroclor 1242); (Chlorodiphenyl (42% Cl))	53469-21-9	1	3	5	5	mg/m3
3074	Tetrachlorodibenzo-p-dioxin, 1,2,3,8-	53555-02-5	0.004	0.0125	0.075	0.4	mg/m3
3075	Pyriminil; (Pyriminyl)	53558-25-1	1.25	3.5	6.2	20	mg/m3
3076	Trimethyloctane, 2,6,6-	54166-32-4	54.8	54.8	282	1250	ppm
3077	Tetramethylbenzidine, 3,3',5,5'-	54827-17-7	0.5	1.5	10	60	mg/m3
3078	Butyl-3-iodo-2-propynylcarbamate	55406-53-6	10	30	50	250	mg/m3
3079	Heptachlorodibenzofuran, 1,2,3,4,7,8,9- ; (HeptaCDF, 1,2,3,4,7,8,9-)	55673-89-7	0.075	0.25	1.5	7.5	mg/m3
3080	Trimethyl-2-hexene, 4,4,5-	55702-61-9	10	30	50	250	mg/m3
3081	Pentachlorodibenzofuran, 2,3,4,7,8-	57117-31-4	0.000025	0.000075	0.0006	0.4	mg/m3
3082	Pentachlorodibenzofuran, 1,2,3,7,8-	57117-41-6	0.0025	0.0075	0.06	0.3	mg/m3
3083	Hexachlorodibenzofuran, 1,2,3,6,7,8-	57117-44-9	0.00075	0.0025	0.015	0.075	mg/m3
3084	DEAE Sepharose CL-6B	57407-08-6	10	30	50	250	mg/m3
3085	Hypophosphorous acid-d3; (Hydrophosphorus acid-d3 solution, 50 wt.% in D2O)	57583-56-9	0.75	2.5	15	300	ppm
3086	Hexachlorodibenzo-p-dioxin, 1,2,3,6,7,8-	57653-85-7	0.005	0.015	0.1	0.5	mg/m3
3087	Ethyl O-2-diisopropylaminoethylmethylphosphonite, O-; (QL)	57856-11-8	10	30	50	250	mg/m3
3088	Dichloro(4,4-dimethylzinc -5((((methylamino)carbonyl) oxy)-imino)pentanenitrile), (trans-4)-; (Ethienocarb)	58270-08-9	1.5	5	9	9	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3089	Hexamethylenetetraamine hydrochloride	58713-21-6	10	30	50	250	mg/m3
3090	Methyl acetylene-propadiene mixture; (MAPP)	59355-75-8	1000	1250	1250	3400	ppm
3091	Perfluoroalkylether polymer; (Capped homopolymers of hexafluoropropylene epoxide, Fluorine End-)	60164-51-4	75	250	500	500	mg/m3
3092	Styrene-divinylbenzene resin, chloromethylated, aminated with trimethylamine; (Bio-Rad AG1-X8 anion exchange resin, formate	60177-39-1	10	30	50	250	mg/m3
3093	Cobalt(II) sulfate hydrate	60459-08-7	0.0587	0.176	0.3	58.7	mg/m3
3094	Dibutylboron triflate; (Dibutylboryl trifluoromethanesulfonate)	60669-69-4	12	36.1	60.1	500	mg/m3
3095	Monosodium titanate	60704-88-3	10	30	50	250	mg/m3
3096	Hexachlorodibenzofuran, 2,3,4,6,7,8-	60851-34-5	0.0005	0.0015	0.01	0.05	mg/m3
3097	Antioxidant G-16 (most toxic antiox)	61373-87-3	10	30	50	125	mg/m3
3098	Hydrogenated terphenyl	61788-32-7	0.5	1.5	2.5	500	mg/m3
3099	Estane; (Polyurethane resin; Urethane rubber)	61789-63-7	10	30	50	250	mg/m3
3100	Sulfonic acids, petroleum; (Petrolatum acid sulfonate)	61789-85-3	10	30	50	250	mg/m3
3101	Mastic (resin)	61789-92-2	4	12.5	100	500	mg/m3
3102	Naphthenic acid, lead salt	61790-14-5	0.0544	0.163	30	109	mg/m3
3103	Diatomaceous earth; (Silica-amorphous diatomaceous earth (uncalcined))	61790-53-2	6	18	30	500	mg/m3
3104	Dv methyl ester; (Methyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate)	61898-95-1	10	30	50	250	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3105	Sepharose cl-4b	61970-08-9	10	30	50	250	mg/m3
3106	Ethyl-2-methyloctane, 6-	62016-19-7	0.35	1	6	35	ppm
3107	Trimethyloctane, 2,2,6-	62016-28-8	54.8	54.8	282	1250	ppm
3108	Trimethyloctane, 2,3,7-	62016-34-6	54.8	54.8	282	1250	ppm
3109	Trimethyloctane, 2,4,6-	62016-37-9	54.8	54.8	282	1250	ppm
3110	Tripotassium (2-hydroxyethyl)ethylenediaminetriacetate; (Tripotassium HEDTA)	62029-50-9	0.35	1	7.5	40	ppm
3111	Trimethyldecane, 2,5,6-	62108-23-0	46.5	46.5	239	1250	ppm
3112	Cobalt, ((2,2'-(1,2-ethanediylbis(nitrilomethylidyne))bis(6-fluorophenolato))(2-)-N,N',O,O')-	62207-76-5	0.15	0.4	3	15	mg/m3
3113	Trimethyldecane, 2,2,8-	62238-01-1	46.5	46.5	239	1250	ppm
3114	Polymethylhydrosiloxane; (Methyl hydrogen polysiloxane)	63148-57-2	10	30	50	250	mg/m3
3115	Siloxanes and silicones, methyl phenyl; (Silicone fluid, high temp)	63148-58-3	10	10	50	250	mg/m3
3116	Dimethyl siloxane; (Dimethylpolysiloxane; Syltherm XLT; Syltherm 800; Silicone 360)	63148-62-9	15	50	350	500	mg/m3
3117	Alkylamines	63231-48-1	10	30	50	250	mg/m3
3118	Silica gel	63231-67-4	6	18	30	150	mg/m3
3119	Molecular sieve 13X	63231-69-6	7.5	25	150	500	mg/m3
3120	Aliquat 336; (Adogen 464; Quaternary ammonium compounds, tri(C8-10)-alkylmethyl-, chlorides)	63393-96-4	30	75	500	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3121	Siloprene k 1000	63394-02-5	35	100	500	500	mg/m3
3122	Bis(2-chloroethylthio)methane	63869-13-6	0.05	0.15	1	5	mg/m3
3123	Bis(2-chloroethylthio)-n-propane, 1,3-	63905-10-2	0.06	0.15	1.25	6	mg/m3
3124	Bis(2-chlorethylthioethyl) ether; (2,2'-Di(3-chloroethylthio)diethyl ether)	63918-89-8	0.3	0.75	6	30	mg/m3
3125	Bis(2-chloroethylthiomethyl)ether	63918-90-1	0.06	0.15	1.25	6	mg/m3
3126	Trimethyl-2-oxepanone (mixed isomers); (Hexanoic acid, 6-hydroxytrimethyl, epsilon-lactone)	64047-30-9	30	75	500	500	mg/m3
3127	Trisodium arsenate, heptahydrate; (Arsenic(V) acid, trisodium salt, heptahydrate (1:3:7))	64070-83-3	0.0446	0.134	0.223	22.3	mg/m3
3128	Disodium butylphosphate	64114-42-7	0.02	0.06	0.4	2	mg/m3
3129	Charcoal, activated	64365-11-3	10	30	50	250	mg/m3
3130	Bis(tris(hydroxymethyl)methylamino)propane, 1,3-; (Bis-tris propane)	64431-96-5	10	30	50	250	mg/m3
3131	Petroleum spirits; (Mineral spirits; Soltrol)	64475-85-0	20	60	400	2000	ppm
3132	Sodium tolyltriazole; (1H-benzzotriazole, 4(or 5)-methyl-, sodium salt)	64665-57-2	2.5	7.5	50	250	mg/m3
3133	Naphtha (petroleum), light straight-run	64741-46-4	100	350	1000	1000	ppm
3134	Mineral oil, petroleum distillates, heavy naphthenic	64741-53-3	0.2	0.6	100	500	mg/m3
3135	Naphtha (petroleum), heavy catalytic cracked	64741-54-4	15	40	300	500	mg/m3
3136	Mineral oil, petroleum distillates, solvent-refined (mild) heavy paraffinic	64741-88-4	0.2	0.6	1	500	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3137	Mineral oil, petrolleum distillates, solvent refined light naphthenic	64741-97-5	40	125	500	500	mg/m3
3138	Petroleum mineral oil; (Extracts, petroleum, middle distillate solvent)	64742-06-9	10	30	500	500	mg/m3
3139	Petroleum distillates, clay-treated light naphthenic	64742-45-6	20	60	400	500	mg/m3
3140	Hydrotreated middle distillate (Petroleum base oil)	64742-46-7	3	7.5	60	300	mg/m3
3141	Naphtha, hydrotreated heavy; (Isopar L-rev 2)	64742-48-9	171	513	855	1250	ppm
3142	Virginia refrigeration oil 150 and 300; (Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic)	64742-52-5	15	40	300	500	mg/m3
3143	Transformer oil; (Mineral oil, petroleum distillates, hydrotreated (mild) light naphthenic)	64742-53-6	5	15	100	500	mg/m3
3144	Hydrotreated (mild & severe) heavy paraffinic distillates	64742-54-7	60	150	500	500	mg/m3
3145	Pump oil	64742-65-0	100	300	500	500	mg/m3
3146	Solvent naphtha, petroleum, medium aliphatic; (Mineral spirits, naphtha)	64742-88-7	25	75	500	500	mg/m3
3147	Rubber solvent; (Naphtha (petroleum) light aliphatic)	64742-89-8	100	100	200	1100	ppm
3148	Aromatic hydrocarbon solvents; (High flash naphtha distillates; Solvent naphtha (petroleum), light aromatic)	64742-95-6	500	750	750	750	ppm
3149	Naphtha, heavy aliphatic solvent	64742-96-7	15	40	300	500	mg/m3
3150	Petroleum coke, calcined	64743-05-1	10	30	50	500	mg/m3
3151	Paraffins, petroleum, normal C5-C20	64771-72-8	300	300	300	300	ppm
3152	Chlorsulfuran	64902-72-3	0.125	0.35	2.5	500	mg/m3

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

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3153	Percoll	65455-52-9	10	30	50	250	mg/m3
3154	Zonyl fsn fluorosurfactant	65545-80-4	60	150	500	500	mg/m3
3155	Sephacryl s-200, superfine	65546-95-4	10	30	50	250	mg/m3
3156	Polyurethane prepolymer of MDI + polyether polyol	65636-36-4	10	30	50	250	mg/m3
3157	Coal tar pitch volatiles; (Particulate polycyclic aromatic hydrocarbons)	65996-93-2	0.2	0.6	12.5	80	mg/m3
3158	Fibrous glass; (Fiber glass; Glass frit; Synthetic vitreous fibers)	65997-17-3	5	15	60	500	mg/m3
3159	Sodium uranate; (Disodium uranate hexahydrate)	66018-57-3	0.0779	0.935	3	15.6	mg/m3
3160	Fatty acids, tall-oil, polymers with glycerol, pentaerythritol and phthalic anhydride	66070-62-0	10	30	50	250	mg/m3
3161	Triphenylolmethane triglycidyl ether	66072-38-6	10	30	50	250	mg/m3
3162	Heptachlorodibenzofuran, 1,2,3,4,6,7,8-; (HeptaCDF, 1,2,3,4,6,7,8-)	67562-39-4	0.06	0.15	1.25	6	mg/m3
3163	Polymerized linseed oil	67746-08-1	7.5	25	150	500	mg/m3
3164	Siloxanes and silicones, -di-Me,-reaction products with silica; (Hydrophobic silicon dioxide, amorphous)	67762-90-7	6	15	125	500	mg/m3
3165	Poly(melamine-co-formaldehyde), methylated	68002-20-0	60	150	500	500	mg/m3
3166	Decene, 1-, homopolymer, hydrogenated	68037-01-4	10	30	50	250	mg/m3
3167	Methylhydrosiloxane (3-4%) + dimethylsiloxane (96-97%) copolymer	68037-59-2	10	30	50	250	mg/m3
3168	Poly(dimethylsiloxane), ethoxylated, dihydroxy terminated; (Silicon oil polymer)	68037-63-8	75	250	500	500	mg/m3

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

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3169	Methylvinylsiloxane-dimethylsiloxane copolymer, vinyl terminated	68083-18-1	10	30	50	250	mg/m3
3170	Poly(dimethylsiloxane), vinyl dimethylsiloxy terminated	68083-19-2	60	200	500	500	mg/m3
3171	Polyurethane prepolymer of MDI and PEP	68092-58-0	10	30	50	250	mg/m3
3172	Humic acid, sodium salt	68131-04-4	2	6	40	200	mg/m3
3173	Grease; (Animal grease, inedible)	68153-81-1	10	30	50	250	mg/m3
3174	Tall oil (alkyd resin)	68333-62-0	10	30	50	250	mg/m3
3175	Alkanes, C4-12-	68333-81-3	300	385	385	2000	ppm
3176	Diesel fuels	68334-30-5	100	100	500	500	mg/m3
3177	C-18 Unsarturated fatty acid, dimers, reaction products with polyethylenepolyamines; (Versamid 140 polyamide resin; Versamid 125)	68410-23-1	10	30	50	250	mg/m3
3178	Chlorinated polyolefins	68410-99-1	10	30	50	250	mg/m3
3179	Nonylphenoxypolyethoxyethanol	68412-54-4	10	30	50	250	mg/m3
3180	Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides	68424-85-1	1.5	5	35	150	mg/m3
3181	Ethoxylated alcohols, C16-18; (Nonionic surfactant)	68439-49-6	5	15	100	500	mg/m3
3182	Brown menhaden fish oil	68440-42-6	10	30	50	250	mg/m3
3183	Diesel fuel marine; (Fuel oil No.2)	68476-30-2	100	100	100	500	mg/m3

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

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3184	Fuel oil, residual	68476-33-5	35	100	500	500	mg/m3
3185	Lubricating oil, rerefined	68476-77-7	10	30	50	250	mg/m3
3186	Liquified petroleum gas; (L.P.G.)	68476-85-7	1000	2000	2000	2000	ppm
3187	Petroleum distillates, low boiling	68477-31-6	350	350	500	500	mg/m3
3188	Alcohols, C6-C12 (N.O.S.)	68603-15-6	10	30	50	250	mg/m3
3189	Adipic acid-TDI	68609-57-4	10	30	50	250	mg/m3
3190	Alkylbenzene (C10-C16)	68648-87-3	10	30	50	500	mg/m3
3191	Poly alpha olefin; (Synthetic hydrocarbon mixture, PAO; Hydrogenated trimer and tetramer of decene)	68649-12-7	5	10	50	250	mg/m3
3192	Alamine 336	68814-95-9	20	60	500	500	mg/m3
3193	Diatomaceous earth (flux calcinated; Filter agent, celite)	68855-54-9	0.3	0.9	1.5	500	mg/m3
3194	Carboxymethyl sepharose; (CM sepharose)	68894-07-5	7.5	25	150	500	mg/m3
3195	Sodium polyphosphate	68915-31-1	12.5	40	250	500	mg/m3
3196	Methylchlorodisilane; (Chloromethyldisilane)	68937-17-7	0.1	0.3	2	10	ppm
3197	Vinyl terminated dimethylsiloxane-diphenylsiloxane copolymer	68951-96-2	75	250	500	500	mg/m3
3198	Vegetable oil	68956-68-3	15	30	50	500	mg/m3
3199	**Polyethylbenzene residue; (Dowtherm Q)**	**68987-42-8**	1	3	**19.2**	100	ppm

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3200	Zeolites, CaA	68989-20-8	7.5	25	150	500	mg/m3
3201	Zeolites, KA	68989-21-9	10	30	50	250	mg/m3
3202	Zeolites, NaA	68989-22-0	6	15	125	500	mg/m3
3203	Zeolites, NaX	68989-23-1	10	30	50	250	mg/m3
3204	Ethoxylated alcohols, C7-C21	68991-48-0	10	10	10	10	mg/m3
3205	Poly(Styrene-co-divinylbenzene); (Dowex Optipore V-502)	69011-14-9	10	30	50	250	mg/m3
3206	Diethenylbenzene, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated; (Dowex 50-X8 resin)	69011-20-7	10	30	50	250	mg/m3
3207	Rexyn I-300; (Ethylene glycol dimethacrylate polymer with styrene, chloromethylated, trimethylamine-quanternized, hydroxide)	69011-49-0	10	30	50	250	mg/m3
3208	Silica, amorphous fume	69012-64-2	0.3	0.9	1.5	3.5	mg/m3
3209	Phenyl sepharose cl-4b	69106-59-8	10	30	50	250	mg/m3
3210	Bis[(benzo-15-crown-5)-15-ylmethyl] pimelate	69271-98-3	10	30	50	250	mg/m3
3211	Perfluoropolyether; (1,1,2,3,3,3-hexafluoro-1-propene, oxidized, polymerized; Vacuum pump oil)	69991-67-9	10	30	200	500	mg/m3
3212	Dimethyl(polysiloxane); (Polydimethylsiloxane, silanol terminated; Dimethylsiloxane, poly, hydroxy end-blocked)	70131-67-8	250	500	500	500	mg/m3
3213	Hexachlorodibenzofuran, 1,2,3,4,7,8-	70648-26-9	0.0025	0.0075	0.06	0.3	mg/m3
3214	Methyl bis(2-hydroxyethyl) cocoalkyl quaternary ammonium chlorides	70750-47-9	1.5	5	35	150	mg/m3
3215	**Jet fuels (JP-5 and JP-8)**	**70892-10-3**	200	**290**	**1100**	1100	mg/m3

Compounds with unknown CASRNs retain the same "z" number as Rev 23.
Chemicals with AEGLs: large, bolded font. ERPGs (but no AEGLs): bolded font.

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3216	Poly(dimethylsiloxane), hydride terminated	70900-21-9	10	30	50	250	mg/m3
3217	Trimethylopropane methylated copolymer	71342-93-3	10	30	50	250	mg/m3
3218	Methyl bis(2-hydroxyethyl) cocoalkyl quaternary ammonium nitrates	71487-00-8	1.5	5	35	150	mg/m3
3219	Paraffin waxes, petroleum, clay-treated, reaction products with petroleum white mineral oil, stearic acid and triethanolamine	71808-29-2	10	30	50	250	mg/m3
3220	Diurethane dimethacrylate	72869-86-4	75	250	500	500	mg/m3
3221	Hexachlorodibenzofuran, 1,2,3,7,8,9-; (HexaCDF, 1,2,3,7,8,9-)	72918-21-9	0.04	0.125	0.75	4	mg/m3
3222	Peptone; (Hydrolized protein, Tryptones)	73049-73-7	10	30	50	250	mg/m3
3223	CAPSO	73463-39-5	10	30	50	250	mg/m3
3224	Sodium aluminum silicate	73987-94-7	3.5	10	15	500	mg/m3
3225	Ethoxyimino)butyl)-5-(2-ethylthiopropyl)-3-hydroxycyclohex-2-en-1-one, 2-(1-(; (Checkmate)	74051-80-2	12.5	40	250	500	mg/m3
3226	Lithium triethylborodeuteride; (Super-deuteride)	74540-86-6	10	30	50	250	mg/m3
3227	Jeffamine M-600	77110-54-4	10	30	50	250	mg/m3
3228	Amberlite IR-120(PLUS) ion-exchange resin	78922-04-0	10	30	50	200	mg/m3
3229	Ascarite; (Asbestos, 1332-21-4)	81133-20-2	0.005	0.5	0.5	2.5	mg/m3
3230	Vinyl 2-chloroethylsulfide; (2-Chloroethylthio ethene)	81142-02-1	0.15	0.4	3	15	mg/m3
3231	Tributyltetradecylphosphonium chloride	81741-28-8	10	30	50	250	mg/m3

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

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3232	Trimethyl N', 2-hydroxyethyl-propylenediamine	82136-26-3	10	30	50	250	mg/m3
3233	Sephacryl s-300	82785-74-8	10	30	50	250	mg/m3
3234	Octyl(phenyl)-N,N-diisobutylcarbamoylmethylphosphine oxide	83242-95-9	10	30	50	250	mg/m3
3235	Nonyl phenol, 4- (branched)	84852-15-3	5	15	100	500	mg/m3
3236	Perfluoro compounds, C5-C18; (Fluorinert electronic liquid perfluoro compounds)	86508-42-1	200	600	4000	25000	ppm
3237	Diatomaceous silica, calcined	91053-39-3	0.3	0.9	1.5	500	mg/m3
3238	Botulinum toxin-A	93384-43-1	1.5E-09	4E-09	3E-08	0.00003	mg/m3
3239	Perlite; (Fused NaKAl silicate, < 1% quartz)	93763-70-3	15	45	75	500	mg/m3
3240	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	10	30	50	250	mg/m3
3241	Trimethyloctane	98060-52-7	54.8	54.8	282	1000	ppm
3242	Tin nitrite	100737-27-7	3.55	10.7	17.8	178	mg/m3
3243	Amberlite MB-1 ion-exchange resin; (Amberlite MB-150)	100915-96-6	10	30	50	200	mg/m3
3244	Amberlite XAD-16, -7, -4 resin	104219-63-8	10	30	50	200	mg/m3
3245	**Otto Fuel (mainly Propylene glycol dinitrate 6423-43-4)**	**106602-80-6**	0.05	**0.17**	**1.0**	**13**	ppm
3246	Hydroxy-4'-hydroxyethoxy-2-methylpropiophenone, 2-	106797-53-9	15	50	350	500	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3247	Triaryl sulfonium chloride salts	109037-76-5	10	10	25	125	mg/m3
3248	Silica gel, amorphous synthetic	112926-00-8	6	18	100	500	mg/m3
3249	Silica, amorphous fumed	112945-52-5	6	18	200	500	mg/m3
3250	Amberlite IRA-400(CL); (Ion exchange resin)	122560-63-8	10	30	50	250	mg/m3
3251	Sodium hypophosphite hydrate	123333-67-5	6	20	125	500	mg/m3
3252	Nonylphenol, 4-, branched, ethoxylated	127087-87-0	10	30	200	500	mg/m3
3253	Decafluoropentane, 1,1,1,2,3,4,4,5,5,5-	138495-42-8	200	200	400	1250	ppm
3254	Bis(2-chloroethylthio)-n-butane, 1,4-	142868-93-7	0.06	0.2	1.25	6	mg/m3
3255	Bis(2-chloroethylthio)-n-pentane, 1,5-	142868-94-8	0.075	0.2	1.5	7.5	mg/m3
3256	Cs7SB; (1-(2,2,3,3-tetrafluoropropoxy),3-(4-sec-butylphenoxy)-2-propanol)	308362-88-1	11.1	30	200	500	mg/m3
3257	Ammonium hexachlorohydrate (III)	z-0001	10	30	50	250	mg/m3
3258	Butyl bis(2-ethylhexyl)phosphate	z-0002	0.2	0.6	0.75	0.75	ppm
3259	Cerous nitrite	z-0004	0.04	0.1	0.75	75	mg/m3
3260	Chlorine Hi dry granular (as Cl)	z-0006	0.5	1	3	20	ppm
3261	Chloropicrin/Methyl chloride mixture	z-0007	2	2	6	30	mg/m3
3262	Casamino acids	z-0008	10	30	50	250	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3263	Dibutyl (2-ethylhexyl)phosphate	z-0011	0.2	0.6	0.7	0.7	ppm
3264	Diesel fuel marine; (Diesel fuel No. 4)	z-0012	100	350	500	500	mg/m3
3265	Dipotassium cadmium oxide	z-0013	0.0099	0.0594	0.1	17.8	mg/m3
3266	Dipotassium dihydrogen silicate	z-0014	10	30	50	250	mg/m3
3267	Disodium cadmium oxide	z-0016	0.00847	0.0508	0.0847	15.2	mg/m3
3268	Disodium dihydrogen silicate	z-0017	10	30	50	250	mg/m3
3269	Ecolite	z-0018	20	60	400	500	mg/m3
3270	Epibatadine (nicotine-like)	z-0019	0.0015	0.004	0.025	0.025	mg/m3
3271	Ethyl (or dimethyl) pyrrolidine	z-0020	5	15	100	500	mg/m3
3272	Gadolinium nitrite	z-0022	0.04	0.125	0.75	75	mg/m3
3273	Germanous acid	z-0023	2	6	40	200	mg/m3
3274	Isocyanate-bearing waste (as CNs N.O.S.)	z-0024	5	5	5	25	mg/m3
3275	Lanthanum alizarin	z-0026	10	30	50	250	mg/m3
3276	Leco set 7007 powder	z-0027	10	30	50	250	mg/m3
3277	Mineral fibers, fine	z-0032	10	30	50	50	mg/m3
3278	Neodymium nitrite	z-0033	0.04	0.1	0.75	75	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3279	Norchlorofluoroepibatidine	z-0034	0.00004	0.000125	0.00075	0.00125	mg/m3
3280	Oil gas; (Oil fog)	z-0035	450	1750	3000	4500	ppm
3281	Organorhodium complex	z-0036	0.292	8.75	15	500	mg/m3
3282	Particulate material (PNOS)	z-0037	10	30	50	250	mg/m3
3283	PBX (mixture of HMX and nitrocellulose)	z-0038	0.24	0.6	5	500	mg/m3
3284	Permafluor E+	z-0039	100	150	500	500	mg/m3
3285	Permafluor-V (85+% toluene)	z-0040	50	150	300	500	ppm
3286	Petroleum 50 thinner; (Paint thinner)	z-0041	7.5	25	150	750	ppm
3287	Polychlorinated biphenyl (Aroclor 1016/1242): (Chlorodiphenyl (37% Cl))	z-0042	0.2	0.6	1	5	mg/m3
3288	Polychlorinated biphenyl (Aroclor 1260/1262): (Chlorodiphenyl (61% Cl?))	z-0043	0.2	0.6	1.5	5	mg/m3
3289	Potassium aluminite	z-0044	2.5	7.5	12.5	500	mg/m3
3290	Potassium antimonite	z-0045	0.94	2.82	4.7	94	mg/m3
3291	Potassium argentate	z-0046	0.0168	0.0503	0.0839	16.8	mg/m3
3292	Potassium beryllium oxide	z-0047	0.016	0.08	6	32	mg/m3
3293	Potassium cadminate	z-0048	0.0115	0.069	0.115	20.7	mg/m3
3294	Potassium hydrogen lead oxide	z-0049	0.06	0.06	0.06	125	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3295	Potassium hydrogen pyrophosphate	z-0050	4	12.5	20	400	mg/m3
3296	Potassium hydrogen metasilicate	z-0051	10	30	50	250	mg/m3
3297	Potassium iminodiacetate; (Potassium IDA)	z-0052	4	12.5	100	500	ppm
3298	Potassium lanthanate	z-0053	0.4	1.25	2.5	2.5	mg/m3
3299	Potassium nickelate (liquids)	z-0055	3.49	3.49	3.5	34.9	mg/m3
3300	Potassium nickelate (solids)	z-0056	3.49	3.49	3.5	34.9	mg/m3
3301	Potassium trihydrogen silicate	z-0058	10	30	50	250	mg/m3
3302	Potassium uranyl carbonate	z-0059	0.429	1.03	3.5	17.2	mg/m3
3303	Sodium antimonite	z-0061	0.874	2.62	4.37	87.4	mg/m3
3304	Sodium argentate	z-0062	0.0153	0.0459	0.0764	15.3	mg/m3
3305	Sodium beryllium oxide	z-0063	0.0124	0.0621	5	24.9	mg/m3
3306	Sodium butyl (2-ethylhexyl)phosphate	z-0064	0.02	0.06	0.4	2	mg/m3
3307	Sodium butyl butylphosphonate	z-0065	0.02	0.06	0.4	2	mg/m3
3308	Sodium cadminate	z-0066	0.0101	0.0604	0.101	18.1	mg/m3
3309	Sodium hydrogen lead oxide	z-0067	0.06	0.06	0.06	125	mg/m3
3310	Sodium hydrogen metasilicate	z-0068	4	12.5	75	400	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3311	Sodium hydrogen pyrophosphate	z-0069	4	12.5	20	400	mg/m3
3312	Sodium lanthanate	z-0070	0.4	1.25	2.5	2.5	mg/m3
3313	Sodium nickelate (Liquids)	z-0073	2.94	2.94	3	29.4	mg/m3
3314	Sodium nickelate (Solids)	z-0074	2.94	2.94	3	29.4	mg/m3
3315	Sodium trihydrogen silicate	z-0076	10	30	50	250	mg/m3
3316	Sodium uranyl carbonate	z-0078	0.395	0.948	3	15.8	mg/m3
3317	Thorium nitrite	z-0079	0.05	0.125	0.75	75	mg/m3
3318	Titanium-based alloy; (Titanium compounds)	z-0081	10	30	50	250	mg/m3
3319	Uranium: insoluble compounds	z-0083	0.05	0.6	2	10	mg/m3
3320	Uranium: soluble compounds	z-0084	0.05	0.6	2	10	mg/m3
3321	Uranyl nitrite (liquids)	z-0087	0.076	0.913	3	15.2	mg/m3
3322	Zirconium nitrite	z-0088	7.52	15	15	75.2	mg/m3
3323	Zirconium silane	z-0089	8.08	16.2	16.2	80.8	mg/m3
3324	zzAcrylic latex	z-0090	10	30	50	250	mg/m3
3325	zzAlumination 301	z-0091	10	30	50	250	mg/m3
3326	zzHydranal coulomat / AG	z-0092	10	30	50	250	mg/m3

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

Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3327	zzHydrocarbon polymer	z-0093	10	30	50	250	mg/m3
3328	zzHydrocount(R), LSC cocktail	z-0094	10	30	50	250	mg/m3
3329	zzIconol(R)	z-0095	10	30	50	250	mg/m3
3330	zzMachine coolant 1	z-0096	10	30	50	250	mg/m3
3331	zzMonophase- S	z-0097	10	30	50	250	mg/m3
3332	zzMornar	z-0098	10	30	50	250	mg/m3
3333	zzOpti-Fluor; (Alkyl benzene blend, 3% tributylphophate)	z-0099	7.5	25	37.5	250	mg/m3
3334	zzPaint solvent	z-0100	10	10	10	10	mg/m3
3335	zzPropanol (-2) aluminum derivative	z-0101	2	6	10	50	mg/m3
3336	zzScintillation cocktail, Ultima Gold XR	z-0102	0.15	0.5	3	15	mg/m3
3337	zzSicapent	z-0103	10	30	50	250	mg/m3
3338	zzSynthetic resins	z-0104	10	30	50	250	mg/m3
3339	zzTotal sequestrant reagent #5	z-0105	35	40	100	500	mg/m3
3340	zzTrifluoroacetyl)-N,0,0,0-tetrakis((TMS)norepinephrine, N-(	z-0106	0.04	0.125	0.75	7.5	mg/m3
3341	zzWaste oil	z-0107	10	30	50	250	mg/m3
3342	Alkenyl dimethylethyl ammonium bromide; (Aliphatic hydrocarbon)	z-0108	2	6	40	200	mg/m3

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Table 3: Protective Action Criteria (PAC) Rev 24B
Based on applicable AEGLs, ERPGs, or TEELs (Chemicals listed by CASRN)

No.	Chemical Name	CASRN	PACs based on 60-min. AEGLs, ERPGs, or TEELs				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3343	Alkyl benzenes (C8-C9)	z-0109	10	30	50	250	mg/m3
3344	BoBCalix; (Calix[4]arene-bis(t-octylbenzo-crown-b)	z-0110	10	30	50	250	mg/m3
3345	Aromatic isocyanate mixture "SWD 305A"	z-0111	1.25	4	20	125	mg/m3
3346	Polyether polyol ester	z-0112	15	50	350	500	mg/m3
3347	Isonate 181 MDI prepolymer	z-0113	7.5	25	100	225	mg/m3
3348	Benzenesulfonic acid, 5-chloro-2	z-0114	10	30	50	250	mg/m3
3349	Polyisocyanate prepolymer (based on MDI)	z-0115	0.6	1.5	12.5	60	mg/m3
3350	**Magnesium aluminum phosphide**	**z-0116**	0.67	0.67	**0.67**	**1.2**	ppm
3351	Botulinum toxin-B	z-0117	0.000004	1.25E-05	0.000015	0.000015	mg/m3
3352	Botulinum toxin-F	z-0118	7.5E-08	2E-07	1.5E-06	0.00001	mg/m3
3353	Botulinum, clostridium	z-0119	6E-09	1.5E-08	1.25E-07	6E-07	mg/m3
3354	**Methyl nonafluorobutyl ether (40%) and Methyl nonafluoroisobutyl ether (60%) (ppm) (HFE-7100)**	**163702-07-6 163702-08-7**	750	**2500**	**8200**	**15000**	ppm

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