

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed By CAS RN)
 PAC Rev 23 – August 2007

Table 3 presents a listing of chemicals and PAC data based on the Chemical Abstracts Service Registry Numbers (CAS RNs)¹ of the chemicals. Chemicals without an identified CAS RN number are issued an identification number, preceded by the letter “z,” for purposes of the PAC data set. The same “z” number that was used in “TEELs Rev 21” has been retained, where applicable.

PACs are provided for TEEL-0 (i.e., PAC-0), PAC-1, PAC-2, and PAC-3. Values are usually given in parts per million (ppm) for gases and volatile liquids and in milligrams per cubic meter (mg/m³) for particulate materials (aerosols) and nonvolatile liquids.

The columns presented in Table 3 provide the following information:

Heading	Definition
No.	The ordered numbering of the chemicals as they appear in this alphabetical listing.
Chemical Compound	The common name of the chemical compound.
CAS Registry Number (CAS RN)	The Chemical Abstracts 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-3 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 in Table 3 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 technical information on PACs and TEELs, contact information, and links to other sources of information is accessible on the Subcommittee for Consequence Assessment and Protective Action (SCAPA) webpages at: <http://orise.orau.gov/emi/scapa/teels.htm>.

¹ Visit <http://info.cas.org/> for information on the Chemical Abstracts Service and CAS RNs.

Definitions of AEGLs, ERPGs, and TEELs	
AEGLs	
AEGL-1	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	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	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	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	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	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	The threshold concentration below which most people will experience no appreciable risk of health effects.
TEEL-1	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	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	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 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1	Formaldehyde	50-00-0	0.3	0.9	14	56	ppm
2	Guanidinehydrochloride	50-01-1	2	6	40	200	mg/m ³
3	Mitomycin C	50-07-7	4	12.5	23	23	mg/m ³
4	Ergocalciferol; (Vitamin D2)	50-14-6	7.5	25	40	40	mg/m ³
5	Lactic acid	50-21-5	15	40	300	500	mg/m ³
6	DDT (Dichlorodiphenyltrichloroethane)	50-29-3	1	1	2	500	mg/m ³
7	Benzo(a)pyrene; (Coal tar pitch volatiles)	50-32-8	0.2	0.6	15	80	mg/m ³
8	Sorbitol, d-; (d-Glucitol)	50-70-4	40	125	500	500	mg/m ³
9	Ascorbic acid	50-81-7	60	200	500	500	mg/m ³
10	Glucose, d-; (Dextrose, anhydrous)	50-99-7	0.4	1.25	7.5	500	mg/m ³
11	Fluorouracil	51-21-8	0.75	2.5	19	100	mg/m ³
12	Dinitrophenol, 2,4-	51-28-5	1.5	5	30	30	mg/m ³
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/m ³
14	Nitrogen mustard; (Bis(b-chloroethyl)methylamine)	51-75-2	1.25	4	29	29	mg/m ³
15	Urethane; (Carbamic acid, ethyl ester; Ethyl carbamate)	51-79-6	500	500	500	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

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No.	Chemical Name	CAS RN	PACs based on 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/m ³
17	Trichloro ethyl phosphonate; (2,2,2-Trichloro-1-hydroxyethyl)dimethylphosphonate; Trichlorphon)	52-68-6	1	3	5	500	mg/m ³
18	Dibenza(a,h)anthracene	53-70-3	0.00075	0.0025	0.015	15	mg/m ³
19	Acetylamino fluorene, 2-	53-96-3	0.25	0.75	6	30	mg/m ³
20	Nicotine; (Pyridine, (S)-3-(1-methyl-2-pyrrolidinyl)-)	54-11-5	0.5	1.5	3.5	5	mg/m ³
21	Sodium salicylate; (Salicylic acid, sodium salt)	54-21-7	40	100	500	500	mg/m ³
22	Aminopterin; (Aminopteridine)	54-62-6	5	15	25	25	mg/m ³
23	Benzamide	55-21-0	3	10	60	350	mg/m ³
24	Fenthion	55-38-9	0.05	0.15	40	40	mg/m ³
25	Nitroglycerin	55-63-0	0.1	0.1	2	75	mg/m ³
26	Nitrogen mustard hydrochloride	55-86-7	0.75	2.5	4	4	mg/m ³
27	Diisopropylfluorophosphate; (Phosphorofluoridic acid, bis(1-methylethyl) ester)	55-91-4	0.75	2	3.6	3.6	mg/m ³
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/m ³

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No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
31	Tetraethylammonium chloride	56-34-8	0.25	0.75	6	500	mg/m ³
32	Parathion	56-38-2	0.1	0.3	2	10	mg/m ³
33	Glycine; (Aminoacetic acid)	56-40-6	25	75	500	500	mg/m ³
34	Methylcholanthrene 3-	56-49-5	0.2	0.6	4	75	mg/m ³
35	Diethylstilbestrol; ((E)-4,4-(1,2-diethyl-1,2-ethenediyl)bis-phenol, (E))	56-53-1	0.025	0.075	0.6	15	mg/m ³
36	Benzo(a)anthracene	56-55-3	0.1	0.3	2	15	mg/m ³
37	Coumaphos	56-72-4	0.5	1.5	30	125	mg/m ³
38	Chloramphenicol	56-75-7	0.5	1.5	7.5	350	mg/m ³
39	Glycerine (mist); (Glycerol, glycerin)	56-81-5	15	100	500	500	mg/m ³
40	Glutamic acid, L-; ((S)-(+)-Glutamic acid)	56-86-0	2	6	40	200	mg/m ³
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/m ³
43	Hexadecanoic acid; (Palmitic acid)	57-10-3	25	50	50	50	mg/m ³
44	Octadecanoic acid, n-; (Stearic acid)	57-11-4	60	150	500	500	mg/m ³
45	Cyanide	57-12-5	5	5	5	25	mg/m ³

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No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
46	Urea	57-13-6	10	10	15	500	mg/m ³
47	Dimethylhydrazine, 1,1-	57-14-7	0.5	0.5	3	11	ppm
48	Strychnine	57-24-9	0.15	0.3	0.3	3	mg/m ³
49	Pentobarbital sodium; (Nembutal sodium)	57-33-0	0.15	0.5	3.5	50	mg/m ³
50	Physostigmine	57-47-6	0.75	2.5	4.5	4.5	mg/m ³
51	Sucrose	57-50-1	15	30	50	500	mg/m ³
52	Propylene glycol; (1,2-Propanediol)	57-55-6	10	10	10	500	mg/m ³
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/m ³
55	Chlordane	57-74-9	0.5	1.5	50	100	mg/m ³
56	Oxydiphenoxarsine, 10,10'-; (Phenoxyarsine oxide)	58-36-6	1.68	2	14	14	mg/m ³
57	Lindane; (gamma-Benzenehexachloride)	58-89-9	0.5	1.5	50	50	mg/m ³
58	Chloro-m-cresol, 4-	59-50-7	7.5	20	150	500	mg/m ³
59	Nicotinic acid; (Niacin)	59-67-6	0.75	2	15	500	mg/m ³
60	Phenylhydrazine hydrochloride	59-88-1	50	150	250	250	mg/m ³

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No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
61	Nitrosomorpholine	59-89-2	12.5	30	30	30	mg/m ³
62	Ethylenediaminetetraacetic acid; (EDTA)	60-00-4	40	125	150	150	mg/m ³
63	Phenylazo)aniline, p-(	60-09-3	0.6	2	12.5	75	mg/m ³
64	Dimethylaminoazobenzene, 4-	60-11-7	15	50	75	75	mg/m ³
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/m ³
69	Strychnine sulfate (2:1)	60-41-3	1	3	5	30	mg/m ³
70	Dimethoate	60-51-5	6	15	30	30	mg/m ³
71	Dieldrin	60-57-1	0.25	0.75	2.5	50	mg/m ³
72	Amitrole	61-82-5	0.2	0.6	125	500	mg/m ³
73	Phenylmercury acetate; (Acetoxyphenylmercury)	62-38-4	0.1	0.1	10	10	mg/m ³
74	Phenacetin; (p-acetophenetidide)	62-44-2	10	30	50	60	mg/m ³
75	Methanesulfonic acid, ethyl ester; (Ethyl methanesulfonate)	62-50-0	0.5	1.5	10	150	mg/m ³

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No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
76	Aniline	62-53-3	5	8	12	20	ppm
77	Calcium acetate	62-54-4	0.02	0.06	0.4	30	mg/m ³
78	Thioacetamide	62-55-5	10	30	50	125	mg/m ³
79	Thiourea	62-56-6	10	10	25	125	mg/m ³
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/m ³
82	Nitrosodimethylamine	62-75-9	3.5	10	19	19	mg/m ³
83	Sodium oxalate	62-76-0	10	30	50	50	mg/m ³
84	Carbaryl	63-25-2	5	15	25	100	mg/m ³
85	Cytidine monophosphate; (Cytidine 5-monophosphate free acid)	63-37-6	7.5	25	150	500	mg/m ³
86	Sulfanilamide	63-74-1	1	3	20	500	mg/m ³
87	Cumenol methylcarbamate, m-; (3-(1-methylethyl)phenol methylcarbamate)	64-00-6	3	10	16	16	mg/m ³
88	Ethylenediaminetetraacetic acid, tetrasodium salt; (Tetrasodium EDTA)	64-02-8	40	125	500	500	mg/m ³
89	Ethyl alcohol; (ethanol)	64-17-5	1000	3000	3300	3300	ppm
90	Formic acid	64-18-6	5	10	10	30	ppm

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No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
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/m ³
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/m ³
95	Colchicine	64-86-8	0.04	0.125	0.9	0.9	mg/m ³
96	Nicotine Sulfate	65-30-5	4	9	9	9	mg/m ³
97	Benzoic acid	65-85-0	4	12.5	75	400	mg/m ³
98	Hexanal	66-25-1	12.5	35	200	200	ppm
99	Dinitrophenol, 2,3-	66-56-8	0.75	2	15	75	mg/m ³
100	Phenanthroline, 1,10-	66-71-7	0.1	0.3	2	30	mg/m ³
101	Cycloheximide	66-81-9	0.1	0.3	2	2	mg/m ³
102	Diethylenetriaminepentaacetic acid	67-43-6	2	6	40	200	mg/m ³
103	Barbituric acid	67-52-7	2	6	40	200	mg/m ³
104	Methyl alcohol; (Methanol)	67-56-1	200	530	2100	7200	ppm
105	Isopropyl alcohol	67-63-0	400	400	2000	2000	ppm

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No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
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/m ³
110	Hexachloroethane	67-72-1	1	3	40	300	ppm
111	Trisodium citrate	68-04-2	0.6	1.5	12.5	60	ppm
112	Iodide, Ammonium, tetraethyl-; (Tetraethylammoniumiodide)	68-05-3	0.15	0.4	3	15	mg/m ³
113	Mercaptoacetic acid; (Thioglycolic acid)	68-11-1	1	1	1.25	6	ppm
114	Dimethylformamide, N,N-	68-12-2	2	2	90	180	ppm
115	Hexanehexol, 1,2,3,4,5,6-; (Mannitol)	69-65-8	500	500	500	500	mg/m ³
116	Salicylic acid	69-72-7	0.3	0.75	6	400	mg/m ³
117	Guanidine, N-methyl-N'-nitro-N-nitroso-	70-25-7	0.125	0.35	2.5	40	mg/m ³
118	Hexachlorophene	70-30-4	10	10	20	200	mg/m ³
119	Toluenesulfonamide, P-; (Pasam)	70-55-3	1	3	20	100	mg/m ³
120	Aminopropiophenone, 4-	70-69-9	1	3.5	5.6	75	mg/m ³

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			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
121	Propyl alcohol, n-	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/m ³
127	Ammonium tetraethyl bromide; (Tetraethyl ammonium bromide)	71-91-0	1.25	4	30	40	mg/m ³
128	Sodium lactate; (Lactic acid, monosodium salt)	72-17-3	15	40	300	500	mg/m ³
129	Endrin	72-20-8	0.1	0.3	2	2	mg/m ³
130	Methoxychlor	72-43-5	15	30	250	500	mg/m ³
131	Alizarin; (1,2-Dihydroxyanthraquinone; Turkey red oil)	72-48-0	1.25	4	25	125	mg/m ³
132	DDD (1,1-bis(4-Chlorophenyl)-2,2-dichloroethane)	72-54-8	12.5	35	250	500	mg/m ³
133	DDE; (2,2-bis(p-Chlorophenyl)-1,1-dichloroethylene)	72-55-9	4	12.5	75	400	mg/m ³
134	Trypan blue	72-57-1	10	30	50	500	mg/m ³
135	Arginine, L-	74-79-3	10	30	50	250	mg/m ³

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No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
136	Methane	74-82-8	1000	3000	5000	200000	ppm
137	Methyl bromide; (Bromomethane)	74-83-9	1	20	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
144	Hydrogen cyanide; (Hydrocyanic acid)	74-90-8	1.9	2	7.1	15	ppm
145	Methyl mercaptan	74-93-1	0.5	10	47	68	ppm
146	Dibromomethane; (Methylene dibromide)	74-95-3	10	30	200	1250	ppm
147	Bromoethane	74-96-4	5	1500	1500	1500	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

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			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
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	5	15	100	500	ppm
155	Ethylamine; (Monoethylamine; Ethylamine anhydrous)	75-04-7	10	15	125	600	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	120	360	ppm
159	Methylene chloride	75-09-2	25	200	560	6900	ppm
160	Methylene fluoride; (1,2,-Difluoromethane; HFC-32)	75-10-5	1000	3000	200000	350000	ppm
161	Diiodomethane; (Methylene iodide)	75-11-6	75	200	500	500	mg/m ³
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	160	480	ppm
165	Methylmagnesium bromide, 3.0 m in diethyl ether	75-16-1	0.4	1.25	7.5	40	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
166	Dimethyl sulfide; (2-Thiopropene)	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/m ³
169	Ethylene oxide; (Oxirane)	75-21-8	1	5	45	200	ppm
170	Trimethylaluminum	75-24-1	5.34	16	26.7	125	mg/m ³
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/m ³
174	Methylpropane, 2-; (Isobutane)	75-28-5	800	2400	4000	15000	ppm
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

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
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	0.3	0.75	ppm
184	Chlorodifluoromethane	75-45-6	1000	1250	7500	7500	ppm
185	Carbon trifluoride; (Trifluoromethane, Fluoroform)	75-46-7	750	3000	20000	100000	ppm
186	Trimethylamine	75-50-3	5	15	100	500	ppm
187	Nitromethane	75-52-5	20	60	750	750	ppm
188	Propyleneimine, 1,2-	75-55-8	2	2	12	23	ppm
189	Propylene oxide; (Methyl ethylene oxide)	75-56-9	20	73	290	870	ppm
190	Tetramethylammonium chloride	75-57-0	0.2	0.6	4	20	mg/m ³
191	Tetramethylammonium hydroxide	75-59-2	0.06	0.15	1.25	6	mg/m ³
192	Cacodylic acid	75-60-5	0.5	1.5	5	5	mg/m ³
193	Bromotrichloromethane	75-62-7	0.06	0.15	1.25	6	ppm
194	Bromotrifluoromethane; (Trifluorobromomethane)	75-63-8	1000	3500	25000	40000	ppm
195	Butylamine, tert-	75-64-9	5	5	10	125	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
196	Tert-butyl alcohol; (tert-Butanol)	75-65-0	100	150	1600	1600	ppm
197	Chloro-1,1-difluoroethane, 1-; (HCFC-142b)	75-68-3	1000	10000	15000	25000	ppm
198	Trichlorofluoromethane; (Fluorotrichloromethane, Freon 11)	75-69-4	500	500	1500	2000	ppm
199	Dichlorodifluoromethane; (Freon 12, CFC 12)	75-71-8	1000	3000	10000	15000	ppm
200	Chlorotrifluoromethane; (CFC-13)	75-72-9	1000	3000	5000	25000	ppm
201	Carbon tetrafluoride; (Tetrafluoromethane)	75-73-0	200	600	5000	25000	ppm
202	Tetramethyl lead	75-74-1	0.0968	0.581	4	51.6	mg/m ³
203	Methanesulfonic acid	75-75-2	4	12.5	75	400	mg/m ³
204	Tetramethylsilane	75-76-3	5	15	25	125	ppm
205	Trimethylchlorosilane	75-77-4	0.6	1.8	32	130	ppm
206	Dimethyldichlorosilane	75-78-5	0.3	0.9	13	53	ppm
207	Methyltrichlorosilane; (Trichloromethyl silane)	75-79-6	0.2	0.6	6.2	28	ppm
208	Dimethyl butane, 2,2-	75-83-2	500	510	510	2500	ppm
209	Pentyl alcohol, tert-; (tert-Amyl alcohol)	75-85-4	60	100	100	100	ppm
210	Methylactonitrile 2-; (Acetone cyanohydrin)	75-86-5	1.44	2	7.1	15	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
211	Trichloroacetaldehyde; (Chloral)	75-87-6	2.5	7.5	50	250	mg/m ³
212	Trifluoroethanol, 2,2,2-; (Trifluoroethyl alcohol)	75-89-8	0.3	7.5	60	60	ppm
213	Dimethylethyl hydroperoxide, 1,1-; (tert-Butylhydroperoxide)	75-91-2	0.75	2.5	15	50	ppm
214	Vinyl trichlorosilane	75-94-5	0.15	0.5	5	50	ppm
215	Pinacolone; (3,3-Dimethyl-2-butanone)	75-97-8	1.5	4.88	200	1000	ppm
216	Trimethylacetic acid; (Pivalic acid)	75-98-9	3.5	10	75	400	mg/m ³
217	Pentachloroethane	76-01-7	10	30	500	500	mg/m ³
218	Trichloroacetyl chloride	76-02-8	0.03	0.075	0.606	6	ppm
219	Trichloroacetic acid	76-03-9	1	1	2	25	ppm
220	Trifluoroacetic acid; (Trifluoroethanoic acid)	76-05-1	10	15	15	15	ppm
221	Chloropicrin; (Trichloronitromethane)	76-06-2	0.1	0.1	0.3	1.5	ppm
222	Tetrachloro-1,2-difluoroethane, 1,1,2,2-	76-12-0	500	1500	2000	2000	ppm
223	Trichlorotrifluoroethane; (Freon 113; CFC113)	76-13-1	1000	1250	1500	2000	ppm
224	Dichlorotetrafluoroethane; (Freon 114, CFC 114)	76-14-2	1000	3000	10000	15000	ppm
225	Monochloropentafluoroethane; (CFC-115)	76-15-3	1000	3000	5000	300000	ppm

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
226	Hexafluoroethane; (Freon 116; Perfluoroethane)	76-16-4	40000	40000	40000	40000	ppm
227	Camphor	76-22-2	2	19	19	200	mg/m ³
228	Heptachlor	76-44-8	0.5	0.5	0.5	35	mg/m ³
229	Bromothymol blue	76-59-5	10	30	50	250	mg/m ³
230	Bromocresol green	76-60-8	10	30	50	250	mg/m ³
231	Thymol blue; (6,6(3H-2,1-benzoxathiol-3-ylidene)dithymol,S,S-dioxide)	76-61-9	10	30	50	250	mg/m ³
232	Phenolphthalein	77-09-8	0.75	2.5	15	400	mg/m ³
233	Hexachlorocyclopentadiene	77-47-4	0.01	0.0179	0.0179	0.0179	ppm
234	Dicyclopentadiene	77-73-6	0.01	0.01	5	75	ppm
235	Dimethoxypropane, 2,2-	77-76-9	0.4	1.25	7.5	40	ppm
236	Dimethyl sulfate	77-78-1	0.024	0.024	0.12	1.6	ppm
237	Ethyl dimethylamido-cyanophosphate; (Tabun; GA)	77-81-6	0.00013	0.00042	0.0053	0.039	ppm
238	Tris-hydroxymethylaminomethane; (THAM)	77-86-1	25	75	500	500	mg/m ³
239	Acetyl triethyl citrate	77-89-4	6	20	125	500	mg/m ³
240	Citric acid	77-92-9	12.5	35	250	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
241	Tributyl citrate	77-94-1	1	3	20	75	ppm
242	Triethyl-, hydroxide, Ethanaminium, n,n,n-; (Tetraethyl ammonium hydroxide)	77-98-5	0.35	1	7.5	35	mg/m ³
243	Tetraethyl lead	78-00-2	0.117	0.468	0.781	62.4	mg/m ³
244	Triethoxyvinylsilane	78-08-0	15	50	350	1500	ppm
245	Tetraethyl orthosilicate; (Ethyl silicate; Tetraethoxysilane)	78-10-4	25	25	100	300	ppm
246	Pentaerythritol tetranitrate	78-11-5	0.015	0.05	0.35	500	mg/m ³
247	Tripentaerythritol; (Tripenek)	78-24-0	10	30	50	250	mg/m ³
248	Tri-o-tolyl phosphate; (Triorthocresyl phosphate)	78-30-8	0.1	0.3	0.6	40	ppm
249	Dioxathion	78-34-2	0.1	0.3	3.4	150	mg/m ³
250	Diethyl ethylphosphonate	78-38-6	2	6	40	500	mg/m ³
251	Triethyl phosphate; (TEP)	78-40-0	75	200	500	500	mg/m ³
252	Tri(2-ethylhexyl) phosphate; (Tris(2-ethylhexyl)phosphate)	78-42-2	12.5	12.5	12.5	12.5	mg/m ³
253	Dibutyl butylphosphonate	78-46-6	0.04	0.125	1	5	ppm
254	Tri-n-octylphosphine oxide; (Trioctylphosphine oxide)	78-50-2	10	30	50	250	mg/m ³
255	Butoxyethanol phosphate, 2-	78-51-3	7.5	20	150	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
256	Amiton; (O,O-Diethyl-S-(2-diethylaminoethyl) thiophosphate)	78-53-5	0.6	2	3.3	3.3	mg/m ³
257	Isophorone	78-59-1	5	5	5	200	ppm
258	Diethoxydimethylsilane	78-62-6	4	12.5	100	500	ppm
259	Azobis(2-methylpropionitrile), 2,2'-	78-67-1	7.5	25	150	300	mg/m ³
260	Bis(chloromethyl)oxetane, 3,3-	78-71-7	0.4	1.25	2	75	mg/m ³
261	Isopentane; (Ethylidimethylmethane; 2-Methylbutane)	78-78-4	610	610	610	20000	ppm
262	Isoprene	78-79-5	2	5	1000	4000	ppm
263	Isobutylamine	78-81-9	5	5	6	35	ppm
264	Isobutyronitrile	78-82-0	8	10	18	68	ppm
265	Isobutyl alcohol	78-83-1	100	1250	1600	1600	ppm
266	Isobutyraldehyde	78-84-2	25	300	1500	1500	ppm
267	Methacrylaldehyde	78-85-3	0.125	0.4	2.5	12.5	ppm
268	Chlorobutane, 2-; (Sec-butyl chloride)	78-86-4	0.4	1.25	7.5	3500	ppm
269	Dichloropropane, 1,2-; (Propylene dichloride)	78-87-5	10	300	400	400	ppm
270	Dichloropropene, 2,3-	78-88-6	0.5	1.5	10	50	ppm

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
271	Propanediamine, 1,2-	78-90-0	7.5	25	200	500	mg/m ³
272	Butyl alcohol, sec-; (2-Butanol)	78-92-2	100	150	2000	2000	ppm
273	Butanone, 2-; (Methyl ethyl ketone; MEK)	78-93-3	200	200	2700	4000	ppm
274	Methyl vinyl ketone; (3-Buten-2-one)	78-94-4	0.2	0.2	0.2	0.25	ppm
275	Chloroacetone	78-95-5	1	1	4.4	13	ppm
276	Lactonitrile	78-97-7	3.5	10	18	150	mg/m ³
277	Dichloropropane, 1,1-	78-99-9	4	12.5	75	400	ppm
278	Trichloroethane, 1,1,2-	79-00-5	10	10	15	100	ppm
279	Trichloroethylene	79-01-6	100	130	450	3800	ppm
280	Propionyl chloride	79-03-8	0.075	0.2	1.5	7.5	ppm
281	Chloroacetyl chloride	79-04-9	0.04	0.04	1.6	52	ppm
282	Acrylamide	79-06-1	0.3	7.5	60	60	mg/m ³
283	Bromoacetic acid	79-08-3	0.04	0.125	0.75	4	mg/m ³
284	Propionic acid	79-09-4	10	10	15	350	ppm
285	Acrylic acid	79-10-7	1.5	1.5	46	180	ppm

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
286	Chloroacetic acid; (Monochloroacetic acid)	79-11-8	0.5	1.5	6.6	20	ppm
287	Glycolic acid	79-14-1	0.75	0.75	0.75	0.75	mg/m ³
288	Thiosemicarbazide	79-19-6	0.075	0.2	1.5	4	mg/m ³
289	Methyl acetate	79-20-9	200	250	500	3100	ppm
290	Peracetic acid	79-21-0	0.05	0.17	0.5	4.8	ppm
291	Methyl chloroformate; (Methyl chlorocarbonate)	79-22-1	0.2	0.3	2.2	6.7	ppm
292	Nitroethane	79-24-3	100	100	200	1000	ppm
293	Tetrabromoethane, 1,1,2,2-; (Acetylene tetrabromide)	79-27-6	0.1	6	8	8	ppm
294	Isobutyric acid	79-31-2	0.3	1	6	35	ppm
295	Tetrachloroethane, 1,1,2,2-	79-34-5	5	5	30	100	ppm
296	Dichloroacetyl chloride	79-36-7	0.0125	0.04	1.6	52	ppm
297	Oxalyl chlorine	79-37-8	1.5	5	40	200	ppm
298	Chlorotrifluoroethylene	79-38-9	5	20	100	300	ppm
299	Methacrylamide	79-39-0	0.015	0.04	0.3	200	mg/m ³
300	Methacrylic acid	79-41-4	6.7	6.7	61	220	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
301	Dichloroacetic acid	79-43-6	0.5	10	75	200	ppm
302	Dimethyl carbamoyl chloride	79-44-7	0.2	0.6	4	100	ppm
303	Nitropropane, 2-	79-46-9	25	30	50	100	ppm
304	Phenaglycodol; (Ultran; 2-p-chlorophenyl-3-methyl-2,3-butanediol)	79-93-6	10	30	50	350	mg/m ³
305	Bisphenol A	80-05-7	5	15	100	500	mg/m ³
306	Diaminodiphenylsulfone; (4,4'-Sulfonyldianiline)	80-08-0	1	3	20	400	mg/m ³
307	Cumene hydroperoxide; (Isopropylbenzene hydroperoxide)	80-15-9	1	5	20	20	ppm
308	Toluenesulfonic acid, methyl ester, P-	80-48-8	0.75	2.5	15	150	mg/m ³
309	Methylactic acid ethyl ester, 2-; (Ethyl 2-hydroxyisobutyrate)	80-55-7	15	50	400	500	mg/m ³
310	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/m ³
311	Methyl methacrylate	80-62-6	17	17	120	570	ppm
312	Methyl-2-chloroacrylate	80-63-7	0.05	0.15	1.01	7.5	ppm
313	Nitro-m-xylene, 2-; (1,3-Dimethyl-2-nitrobenzene)	81-20-9	10	30	200	500	mg/m ³
314	Warfarin	81-81-2	0.1	0.3	20	20	mg/m ³
315	Food Red 15; (FD&C Red No. 19)	81-88-9	0.4	1.25	7.5	50	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

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

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

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

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
346	Vinyl-2-pyrrolidinone, 1-	88-12-0	0.05	5	40	75	ppm
347	Chlorobenzotrifluoride, 2-	88-16-4	6	20	125	500	mg/m ³
348	Trifluoro-4-nitro-m-cresol, Alpha,Alpha,Alpha-; (4-Nitro-3-(trifluoromethyl)phenol)	88-30-2	0.6	1.5	12.5	60	mg/m ³
349	Di-tert-butyl-hydroquinone, 2,5-	88-58-4	12.5	40	250	400	mg/m ³
350	Nitrotoluene, o-	88-72-2	5	6	50	60	ppm
351	Nitroaniline, 2-; (o-Nitroaniline)	88-74-4	6	20	125	500	mg/m ³
352	Nitrophenol, 2-; (o-Nitrophenol)	88-75-5	1.25	4	30	150	mg/m ³
353	Dinoseb; (2-sec-Butyl-4,6-dinitrophenol)	88-85-7	0.75	2.5	4.5	10	mg/m ³
354	Picric acid	88-89-1	0.1	0.3	15	75	mg/m ³
355	Phthaloyl dichloride; (Phthaloyl chloride)	88-95-9	0.1	0.3	2	10	ppm
356	Phthalic acid	88-99-3	0.02	0.06	0.5	500	mg/m ³
357	Pyromellitic acid	89-05-4	1.25	3.5	25	125	mg/m ³
358	Methyl-1-phenyl-2-pyrazolin-5-one, 3-	89-25-8	15	40	300	500	mg/m ³
359	Benzenetetracarboxylic dianhydride, 1,2,4,5-	89-32-7	1.5	5	15	15	mg/m ³
360	Chloro-2-nitrophenol, 4-	89-64-5	0.4	1.25	7.5	40	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
361	Methyl-2-(1-methylethyl)phenol, 5-; (Thymol)	89-83-8	0.075	0.25	1.5	400	mg/m ³
362	Dihydroxybenzoic acid, 2,4-	89-86-1	1	3	20	350	mg/m ³
363	Salicylaldehyde	90-02-8	0.6	1.5	12.5	200	mg/m ³
364	Anisidine, o-	90-04-0	0.5	1.5	2.5	50	mg/m ³
365	Bromonaphthalene	90-11-9	3.5	10	60	350	mg/m ³
366	Methylnaphthalene, 1-	90-12-0	6	20	500	500	mg/m ³
367	Chloronaphthalene, 1- (alpha)	90-13-1	6	20	125	500	mg/m ³
368	Naphthol, 1-	90-15-3	25	75	500	500	mg/m ³
369	Phenylphenol, 2-	90-43-7	25	75	500	500	mg/m ³
370	Hydroxyphenylacetic acid, alpha-	90-64-2	15	50	350	500	mg/m ³
371	Tris(dimethylaminomethyl)phenol, 2,4,6-	90-72-2	5	15	100	500	mg/m ³
372	Michler's ketone; (4,4'-bis(dimethylamino)benzophenone)	90-94-8	1	3.5	25	40	mg/m ³
373	Toluene-2,6-diisocyanate	91-08-7	0.005	0.02	0.083	0.51	ppm
374	Dimethoxybenzene, O-	91-16-7	3.5	10	75	400	mg/m ³
375	Decahydronaphthalene	91-17-8	0.5	1.5	10	75	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
376	Naphthalene	91-20-3	10	15	35	250	ppm
377	Quinoline	91-22-5	0.001	0.6	5	25	ppm
378	Methylnaphthalene, 2-	91-57-6	6	20	125	500	mg/m ³
379	Chloronaphthalene, 2- (beta)	91-58-7	0.2	0.6	1	500	mg/m ³
380	Naphthylamine, beta-	91-59-8	1.5	5	35	300	mg/m ³
381	Coumarin	91-64-5	0.025	0.075	0.6	125	mg/m ³
382	Diethylaniline, n,n-	91-66-7	3	10	60	350	mg/m ³
383	Dichlorobenzidene 3,3'-	91-94-1	0.2	0.6	4	200	ppm
384	Dicyclohexyl; (Cyclohexylcyclohexane)	92-51-3	7.5	25	150	500	mg/m ³
385	Diphenyl; (Biphenyl)	92-52-4	1	3.9	6.5	100	mg/m ³
386	Aminodiphenyl, p-	92-67-1	0.5	1.5	10	200	mg/m ³
387	Biphenylol, 4-	92-69-3	10	35	60	60	mg/m ³
388	Diphenyloxazole, 2,5-	92-71-7	3	7.5	60	300	mg/m ³
389	Benzidene	92-87-5	0.15	0.5	3.5	125	mg/m ³
390	Nitrobiphenyl, 4- ; (p-Nitrobiphenyl)	92-93-3	0.25	0.75	5	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
391	Terphenyl; p-	92-94-4	5	5	9	500	mg/m ³
392	Methyl benzoate; (Benzoic acid methyl ester)	93-58-3	2	6	40	75	ppm
393	Trichlorophenoxy)propionic acid, 2-(2,4,5-; (2,4,5-Silvex)	93-72-1	10	30	200	250	mg/m ³
394	Trichlorophenoxyacetic acid, 2,4,5-; (2,4,5-T)	93-76-5	10	30	50	250	mg/m ³
395	Ethyl benzoate	93-89-0	7.5	25	150	500	mg/m ³
396	Benzoyl peroxide	94-36-0	5	5	12.5	500	mg/m ³
397	Safrol; (5-(2-Propenyl)-1,3-benzodioxole)	94-59-7	5	15	100	500	mg/m ³
398	Dichlorophenoxyacetic acid, 2,4-; (2,4-D salts and esters)	94-75-7	10	10	40	100	mg/m ³
399	Ethyl-1,3-hexanediol, 2-; (Ethyl hexylene glycol)	94-96-2	12.5	40	300	750	ppm
400	Indene	95-13-6	10	10	60	300	ppm
401	Benzotriazole	95-14-7	0.025	0.075	0.5	250	mg/m ³
402	Benzothiazole	95-16-9	5	15	100	150	mg/m ³
403	Dimethylglyoxime; (Diacetyldioxime)	95-45-4	2	6	40	200	mg/m ³
404	Xylene, o-	95-47-6	100	150	200	900	ppm
405	Methylphenol, 2-; (o-Cresol)	95-48-7	5	5	24.9	250	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
406	Chlorotoluene, 2-; (o-Chlorotoluene)	95-49-8	50	75	350	1500	ppm
407	Dichlorobenzene, o-	95-50-1	25	50	50	200	ppm
408	Toluidine, o-	95-53-4	5	5	5	50	ppm
409	Phenylenediamine, 1,2-; (o-Phenylenediamine)	95-54-5	0.1	0.3	200	500	mg/m ³
410	Aminophenol, 2-; (Aminophenol, o-)	95-55-6	0.5	1.5	10	500	mg/m ³
411	Chlorophenol, o-	95-57-8	0.4	1	7.5	50	ppm
412	Trimethylbenzene, 1,2,4-; (Pseudocumene; Instagel)	95-63-6	25	36.6	36.6	1500	ppm
413	Toluenediamine, 2,4-; (2,4-Diaminotoluene)	95-80-7	0.025	7.5	60	250	mg/m ³
414	Diethyl oxalate	95-92-1	1.5	5	35	150	mg/m ³
415	Tetramethylbenzene, 1,2,4,5-	95-93-2	30	100	500	500	mg/m ³
416	Tetrachlorobenzene, 1,2,4,5-	95-94-3	10	30	50	500	mg/m ³
417	Trichlorophenol, 2,4,5-	95-95-4	10	30	350	350	mg/m ³
418	Styrene oxide; (1,2-Epoxyethylbenzene)	96-09-3	4	12.5	50	50	ppm
419	Chlorodiethylaluminum; (Diethylaluminum chloride)	96-10-6	8.94	26.82	200	500	mg/m ³
420	Dibromo-3-chloropropane, 1,2-; (DBCP)	96-12-8	0.001	0.075	0.5	15	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
421	Methylpentane, 3-	96-14-0	500	510	510	2500	ppm
422	Trichloropropane, 1,2,3-	96-18-4	10	10	10	100	ppm
423	Pentanone, 3-; (Diethyl ketone)	96-22-0	200	300	300	750	ppm
424	Dichloro-2-propanol, 1,3-	96-23-1	6	15	50	50	ppm
425	Chloro-1,2-propanediol, 3-; (Chlorohydrin)	96-24-2	0.02	0.06	0.5	12.5	ppm
426	Butanone oxime; (Ethyl methyl ketoxime)	96-29-7	10	40	100	100	ppm
427	Bromo acetic acid, methyl ester	96-32-2	0.25	0.75	5	25	mg/m ³
428	Methyl acrylate	96-33-3	2	2	7.5	150	ppm
429	Methylcyclopentane	96-37-7	4	12.5	75	4000	ppm
430	Ethylenethiourea; (2-Imidazolidinethione)	96-45-7	0.75	2.5	15	500	mg/m ³
431	Methyltetrahydrofuran, 2-	96-47-9	6	15	125	600	ppm
432	Dihydro-2(3H)-furanone; (4-Butanolide)	96-48-0	2	6	40	500	mg/m ³
433	Glycol carbonate; (Ethylene carbonate)	96-49-1	40	125	500	500	mg/m ³
434	Methylpyrrole, N-	96-54-8	75	250	500	500	mg/m ³
435	Soman; (3,3-Dimethyl-2-butyl methylphosphonofluoridate, GD)	96-64-0	0.00006	0.00018	0.0022	0.017	ppm

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
436	Bis(3-tert-butyl-4-hydroxy-6-methyl-phenyl) sulfide	96-69-5	15	30	300	500	mg/m ³
437	Diisopropylaminoethanol, 2-; (N,N-Diisopropyl ethanolamine)	96-80-0	2.5	7.5	50	250	mg/m ³
438	Chloro-2,4-dinitrobenzene, 1-	97-00-7	3	10	60	350	mg/m ³
439	Dinitroaniline, 2,4-	97-02-9	0.035	0.1	0.75	12.5	mg/m ³
440	Sulfosalicylic acid	97-05-2	10	30	200	500	mg/m ³
441	Dichlorophene	97-23-4	6	15	125	500	mg/m ³
442	Solvent Yellow 3	97-56-3	2	6	40	500	mg/m ³
443	Ethyl methacrylate, (2-Methyl-2-propenoic acid, ethyl ester)	97-63-2	50	150	750	750	ppm
444	Isobutyric anhydride; (2-Methylpropionic anhydride)	97-72-3	0.1	0.3	2	10	ppm
445	Disulfiram	97-77-8	2	2	3	125	mg/m ³
446	Tetramethyl-1,3-butanediamine, n,n,n',n'-; (Tetramethyl butanediamine)	97-84-7	2	6	40	200	mg/m ³
447	Isobutyl isobutyrate	97-85-8	150	500	500	500	mg/m ³
448	Methyl butylacrylate, 2-; (Butyl methacrylate)	97-88-1	2.5	7.5	50	500	mg/m ³
449	Ethylene glycol dimethacrylate	97-90-5	12.5	40	300	500	mg/m ³
450	Triethylaluminum	97-93-8	8.46	8.46	50	250	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
451	Chloroacetaldehyde dimethyl acetal	97-97-2	7.5	25	150	500	mg/m ³
452	Furfuryl alcohol	98-00-0	15	15	15	75	ppm
453	Furancarboxaldehyde, 2-; (Furfural)	98-01-1	2	2	10	100	ppm
454	Benzeneearsonic acid; (Phenylarsonic acid)	98-05-5	0.27	0.27	0.27	0.27	mg/m ³
455	Butylbenzene, tert-	98-06-6	7.5	20	150	750	ppm
456	Benzyl trichloride; (Trichloromethylbenzene)	98-07-7	0.1	0.1	7	25	mg/m ³
457	Benzotrifluoride	98-08-8	6.41	15	125	500	mg/m ³
458	Benzenesulfonic acid chloride; (Benzenesulfonyl chloride)	98-09-9	0.5	1.5	200	200	mg/m ³
459	Trichlorophenylsilane	98-13-5	0.15	0.4	3.3	40	mg/m ³
460	Trifluoromethyl)benzenamine, 3-(; (m-Aminobenzal fluoride)	98-16-8	0.75	2.5	4.4	150	mg/m ³
461	Butylpyrocatechol, 4-tert-; (4-tert-Butylcatechol)	98-29-3	0.1	0.3	2	500	mg/m ³
462	Butylcyclohexanone, p-tert-	98-53-3	20	60	400	500	mg/m ³
463	Tert-butylphenol, P-; (Tert-Butylphenol, 4-)	98-54-4	0.5	0.5	0.75	500	mg/m ³
464	Toluenesulfonyl chloride, p-	98-59-9	2.5	7.5	50	250	mg/m ³
465	Benzenesulfonic acid, 4-chloro	98-66-8	2	6	40	200	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
466	Hydroxybenzenesulfonic acid, 4-; (4-Hydroxyphenylsulfonic acid)	98-67-9	25	75	500	500	mg/m ³
467	Tert-butyl benzoic acid, P-	98-73-7	2	6	50	200	mg/m ³
468	Phenylboric Acid; (Benzeneboronic acid)	98-80-6	3	7.5	60	300	mg/m ³
469	Cumene; (Isopropyl benzene)	98-82-8	50	50	300	730	ppm
470	Methylstyrene, Alpha-	98-83-9	50	100	100	700	ppm
471	Acetophenone	98-86-2	10	30	50	350	mg/m ³
472	Benzal chloride	98-87-3	0.4	1.25	2.3	500	mg/m ³
473	Benzoyl chloride	98-88-4	0.3	0.3	5	20	ppm
474	Nicotinamide	98-92-0	6	20	150	500	mg/m ³
475	Nitrobenzene	98-95-3	1	3	19.9	200	ppm
476	Picolinic acid; (2-Pyridinecarboxylic acid)	98-98-6	10	35	150	150	mg/m ³
477	Nitrotoluene, m-	99-08-1	5	6	50	200	ppm
478	Nitroaniline, 3-; (m-Nitroaniline)	99-09-2	0.6	1.5	12.5	200	mg/m ³
479	Dibromo-4-nitrophenol, 2,6-	99-28-5	0.04	0.1	0.75	4	ppm
480	Dichloran; (2,6-Dichloro-4-nitroaniline; Resisan)	99-30-9	0.004	0.0125	0.075	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
481	Trinitrobenzene 1,3,5-	99-35-4	10	30	50	125	mg/m ³
482	Methyl-5-nitroaniline, 2-; (5-Nitro-o-toluidine; Benzenamine, 2-methyl-5-nitro-)	99-55-8	7.5	20	150	250	mg/m ³
483	Diisopropylbenzene, 1,3-	99-62-7	150	500	500	500	mg/m ³
484	Dinitrobenzene, m-	99-65-0	1	3	5	50	mg/m ³
485	Isopropyltoluene, 4-; (p-Cymene)	99-87-6	75	250	500	500	mg/m ³
486	Hydroxybenzoic acid, 4-; (p-Salicylic acid)	99-96-7	20	60	400	500	mg/m ³
487	Dimethyl-p-phenylenediamine, N,N-	99-98-9	0.025	0.075	0.13	1	mg/m ³
488	Nitrotoluene, p-	99-99-0	5	6	10	200	ppm
489	Chloronitrobenzene, p- ; (p-Nitrochlorobenzene)	100-00-5	1	1.92	100	100	mg/m ³
490	Nitroaniline, p-	100-01-6	6	9	300	300	mg/m ³
491	Nitrophenol, 4-; (p-Nitrophenol)	100-02-7	0.75	2.5	15	75	mg/m ³
492	Dimethylamino)benzaldehyde, p-(	100-10-7	7.5	25	150	250	mg/m ³
493	Benzene, 1-(chloromethyl)-4-nitro-; (p-Nitrobenzyl chloride)	100-14-1	5	15	28	125	mg/m ³
494	Bis(1-methylethyl)benzene, 1,4-; (p- or 1,4-Diisopropylbenzene)	100-18-5	12.5	40	300	500	mg/m ³
495	Terephthaloyl chloride	100-20-9	0.75	2.5	20	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
496	Terephthalic acid	100-21-0	10	125	500	500	mg/m ³
497	Dinitrobenzene, p-	100-25-4	1	3	5	50	mg/m ³
498	Diethylethanolamine, N,N-	100-37-8	10	10	20	100	ppm
499	Diethylaminoethanol	100-37-8	10	10	20	100	ppm
500	Bromotoluene, A-; (Benzyl bromide)	100-39-0	0.6	1.5	12.5	60	mg/m ³
501	Vinylcyclohexene, 4-; (Cyclohevenylethylene)	100-40-3	0.1	0.3	3500	3500	ppm
502	Ethyl benzene	100-41-4	100	125	125	800	ppm
503	Styrene	100-42-5	20	20	130	1100	ppm
504	Benzyl chloride	100-44-7	1	1	10	50	ppm
505	Benzylamine	100-46-9	2.5	7.5	50	250	mg/m ³
506	Benzonitrile	100-47-0	1	3	22	56	ppm
507	Benzyl alcohol	100-51-6	10	60	150	150	ppm
508	Benzaldehyde	100-52-7	2	4	4	150	ppm
509	Phenylmagnesium bromide	100-58-3	1.5	5	35	150	mg/m ³
510	Methylaniline, n-	100-61-8	2	2	2.5	100	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
511	Phenylhydrazine	100-63-0	0.1	0.3	2	15	ppm
512	Anisole; (Anisole anhydrous; Methoxybenzene)	100-66-3	4	12.5	75	400	mg/m ³
513	Dimethyl-1,3-dioxolane-4-methanol, 2,2-	100-79-8	5	15	100	500	ppm
514	Benzyltrimethylammonium hydroxide; (Triton b)	100-85-6	0.1	0.35	2.5	12.5	mg/m ³
515	Hexamethylenetetraamine; (Methenamine)	100-97-0	10	30	500	500	mg/m ³
516	Triisobutylaluminum	100-99-2	14.7	44.1	500	500	mg/m ³
517	Triphenyl phosphite	101-02-0	7.5	25	150	200	mg/m ³
518	Methylene bis(2-chloroaniline), 4,4'-; (MBOCA)	101-14-4	0.01	0.03	0.6	40	ppm
519	Bromophenyl phenyl ether, 4-	101-55-3	2	6	40	200	mg/m ³
520	Methylene diphenyl diisocyanate; (Diphenylmethane diisocyanate; MDI)	101-68-8	0.05	0.2	2	25	mg/m ³
521	Methylenedianiline, 4,4'-	101-77-9	0.01	0.1	0.6	15	ppm
522	Diaminodiphenyl ether, 4,4'-; (4,4'-Oxydianiline)	101-80-4	0.5	1.5	10	300	mg/m ³
523	Diphenylmethane	101-81-5	7.5	25	200	500	mg/m ³
524	Phenyl ether; (Diphenyl ether)	101-84-8	1	2	20	100	ppm
525	Diphenylguanidine, 1,3-	102-06-7	0.2	0.6	4	125	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
526	Trimethoxyboroxine	102-24-9	20	60	400	500	mg/m ³
527	Isocyanic acid-3,4-dichlorophenyl ester; (3,4-Dichlorophenyl isocyanate)	102-36-3	2.5	7.5	14	500	mg/m ³
528	Tetramethoxypropane, 1,1,3,3-: (Malonaldehyde bis(dimethyl acetal))	102-52-3	7.5	25	150	500	mg/m ³
529	Ethylenedinitrilo)tetra-2-propanol, 1,1',1'',1'''-(	102-60-3	15	50	350	500	mg/m ³
530	Tripropylamine	102-69-2	3.5	10	75	350	ppm
531	Triethanolamine; (Trihydroxytriethylamine)	102-71-6	5	5	20	500	mg/m ³
532	Triacetin; (Triacetyl glycerin)	102-76-1	12.5	35	250	500	mg/m ³
533	Tri-n-butylamine	102-82-9	0.02	0.06	0.4	7.5	ppm
534	Tridodecylamine; (Alamine 304; N,N-didodecyl-1-dodecanamine)	102-87-4	7.5	25	150	500	mg/m ³
535	Ethylhexyl acrolate, 2-; (Acrylic acid, 2-ethylhexyl ester)	103-11-7	0.5	1.5	10	10	ppm
536	Di-2-ethylhexyl adipate	103-23-1	50	150	500	500	mg/m ³
537	Ethanediy)bisbenzene, 1,1'-(1,2-; (Bibenzyl)	103-29-7	15	50	400	500	mg/m ³
538	Propylbenzene, N-; (Isocumene)	103-65-1	30	75	600	3000	ppm
539	Phenyl isocyanate.	103-71-9	0.3	0.75	2	2	mg/m ³
540	Benzyl dimethylamine; (Dimethylbenzylamine, n,n-; BDMA)	103-83-3	1	3	20	200	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
541	Acetanilide	103-84-4	0.4	1	7.5	50	mg/m ³
542	Phenylthiourea; (1-phenyl-2-thiourea)	103-85-5	3	3	3	3	mg/m ³
543	Nonyl phenol, p-	104-40-5	6	20	125	500	mg/m ³
544	Phenylene diisocyanate, 1,4-	104-49-4	3.5	10	35	35	mg/m ³
545	Butylbenzene, n-; (1-Phenylbutane)	104-51-8	7.5	20	150	750	ppm
546	Cinnamaldehyde	104-55-2	1.25	4	30	500	mg/m ³
547	Ethanediybis(oxy))bisbenzene, 1,1'-(1,2-	104-66-5	10	30	50	250	mg/m ³
548	Ethyl-1-hexanol, 2-	104-76-7	0.1	0.1	120	227	ppm
549	Diethylaminopropylamine	104-78-9	2	6	50	250	mg/m ³
550	Nitrosophenol, p-	104-91-6	2	6	40	200	mg/m ³
551	Anisidine, p-	104-94-9	0.5	1.5	2.5	50	mg/m ³
552	Cyclohexanedimethanol, cis and trans, 1,4-	105-08-8	12.5	40	250	500	mg/m ³
553	Methoxybenzyl alcohol, 4-	105-13-5	7.5	25	200	500	mg/m ³
554	Methylpentanol-1, 2-; (Amyl methyl alcohol)	105-30-6	0.25	0.75	5	150	ppm
555	Ethyl bromoacetate	105-36-2	0.00075	0.0025	0.02	0.1	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
556	Ethyl propionate	105-37-3	7.5	25	150	750	ppm
557	Ethyl chloroacetate	105-39-5	0.15	0.4	3	15	ppm
558	Butyl acetate, sec-	105-46-4	200	200	300	1500	ppm
559	Diethyl malonate; (Ethyl malonate)	105-53-3	10	30	200	1000	ppm
560	Diethylthiourea, n,n'-	105-55-5	0.6	1.5	12.5	125	mg/m ³
561	Diethyl carbonate	105-58-8	3	7.5	60	300	ppm
562	Caprolactam (dust)	105-60-2	1	3	3	20	mg/m ³
563	Diisopropyl peroxydicarbonate	105-64-6	7.5	25	150	500	mg/m ³
564	Dimethylphenol, 2,4-; (2,4-Xylenol)	105-67-9	0.3	1	6	500	mg/m ³
565	Dilauroyl peroxide	105-74-8	0.003	0.01	0.06	0.35	mg/m ³
566	Quinhydrone	106-34-3	0.3	0.75	6	30	mg/m ³
567	Ethyl butyl ketone; (3-Heptanone)	106-35-4	50	75	200	1000	ppm
568	Bromochlorobenzene, p-	106-39-8	10	30	50	250	mg/m ³
569	Xylene, p-	106-42-3	100	150	200	900	ppm
570	Chlorotoluene, 4-; (p-Tolyl chloride)	106-43-4	25	75	500	2500	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
571	Methylphenol, 4-; (p-Cresol)	106-44-5	5	5	24.9	250	ppm
572	Thiocresol, p-; (p-Toluenethiol)	106-45-6	0.75	2.5	15	75	mg/m ³
573	Dichlorobenzene, p-	106-46-7	75	75	75	150	ppm
574	Chloroaniline, p-	106-47-8	0.5	1.5	10	300	mg/m ³
575	Chlorophenol, 4-; (p-Chlorophenol)	106-48-9	250	400	400	400	mg/m ³
576	Toluidine, p-; (4-Methylbenzenamine)	106-49-0	2	15	125	150	mg/m ³
577	Phenylenediamine, p-	106-50-3	0.1	0.6	4	25	mg/m ³
578	Benzoquinone, p-; (Quinone)	106-51-4	0.1	0.3	0.5	22.6	ppm
579	Butanedioic acid, dimethyl ester; (Succinic acid, dimethyl ester)	106-65-0	3.5	10	75	350	ppm
580	Ethyl amyl ketone; (3-Octanone)	106-68-3	25	25	25	100	ppm
581	Epoxyethyl)-7-oxabicyclo(4.1.0)heptane, 3-(; (Vinyl cyclohexene dioxide)	106-87-6	0.1	0.35	2.5	75	ppm
582	Epoxybutane, 1,2- ; (1,2-Butylene oxide)	106-88-7	2	75	200	200	ppm
583	Epichlorohydrin	106-89-8	0.5	5.7	24	72	ppm
584	Glycidyl acrylate; (2,3-Epoxypropyl acrylate)	106-90-1	0.125	0.4	2.5	12.5	ppm
585	Ethylene dibromide	106-93-4	20	30	30	100	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
586	Bromopropane, 1-	106-94-5	10	30	2500	2500	ppm
587	Allyl Bromide; (3-Bromopropene)	106-95-6	4	12.5	75	400	ppm
588	Propargyl bromide	106-96-7	0.03	0.03	0.03	20	mg/m ³
589	Butane	106-97-8	800	5500	17000	53000	ppm
590	Butene, 1-; (Butylene)	106-98-9	400	1200	2000	10000	ppm
591	Butadiene, 1,3-	106-99-0	2	670	5300	22000	ppm
592	Butene, 2-	107-01-7	1.5	4	30	150	ppm
593	Acrolein	107-02-8	0.03	0.03	0.1	1.4	ppm
594	Propanethiol	107-03-9	0.025	0.075	0.5	750	ppm
595	Allyl chloride	107-05-1	1	3	40	300	ppm
596	Ethylene dichloride; (1,2-Dichloroethane)	107-06-2	50	50	200	300	ppm
597	Ethylene chlorohydrin	107-07-3	1	1	7	7	ppm
598	Propanamine, 1-; (Propylamine)	107-10-8	15	50	250	250	ppm
599	Allylamine	107-11-9	0.125	0.42	3.3	18	ppm
600	Propionitrile; (Propionitrile)	107-12-0	6	6	7	37	ppm

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
601	Acrylonitrile	107-13-1	2	4.6	57	100	ppm
602	Chloroacetonitrile	107-14-2	1.5	4	32	67	ppm
603	Ethylenediamine, 1,2-	107-15-3	9.7	9.7	9.7	20	ppm
604	Formaldehyde cyanohydrin; (Hydroxyacetonitrile; Glycolonitrile)	107-16-4	0.125	0.35	2.57	4	ppm
605	Allyl alcohol	107-18-6	2	2.1	4.2	20	ppm
606	Propargyl alcohol	107-19-7	1	1.5	12.5	60	ppm
607	Chloroacetaldehyde	107-20-0	1	1.3	2.2	9.9	ppm
608	Ethylene glycol	107-21-1	10	39.4	40	60	ppm
609	Glyoxal	107-22-2	0.1	35	75	75	mg/m ³
610	Ethyl mercury chloride; (Chloroethyl mercury)	107-27-7	0.0132	0.0396	0.0529	2.64	mg/m ³
611	Chloromethyl methyl ether	107-30-2	0.075	0.25	0.47	2	ppm
612	Methyl formate; (Formic acid, methyl ester)	107-31-3	100	150	750	4500	ppm
613	Trimethyl-1-pentene, 2,4,4-: (Diisobutylene)	107-39-1	75	225	375	1500	ppm
614	Hexylene glycol	107-41-5	10	25	25	350	ppm
615	Betaine, anhydrous; (Glycine betaine)	107-43-7	40	125	500	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
616	Isopropyl methanefluoro-phosphonate; (Sarin; GB)	107-44-8	0.00015	0.00048	0.006	0.022	ppm
617	Hexamethyldisiloxane	107-46-0	40	125	300	300	ppm
618	Tetraethyl pyrophosphate; (TEPP)	107-49-3	0.05	0.15	1	5	mg/m ³
619	Dibutyl phosphate	107-66-4	1	2	5	30	ppm
620	Bromo-3-methylbutane, 1-	107-82-4	4	12.5	75	400	ppm
621	Methylpentane, 2-; (Isohexane)	107-83-5	500	510	510	2500	ppm
622	Pentanone, 2-	107-87-9	200	250	250	1500	ppm
623	Butanediol, 1,3-	107-88-0	25	75	500	500	mg/m ³
624	Cyanoacetamide	107-91-5	6	20	150	500	mg/m ³
625	Butyric acid	107-92-6	15	40	250	250	ppm
626	Mercaptopropionic acid, 3-	107-96-0	0.25	0.75	6	40	mg/m ³
627	Propylene glycol monomethyl ether; (UCAR TRIOL HG-170)	107-98-2	100	150	300	750	ppm
628	Dimethylaminoethanol, 2-	108-01-0	12.5	35	150	150	ppm
629	Nitropropane, 1-	108-03-2	25	25	25	1000	ppm
630	Vinyl acetate	108-05-4	5	5	75	500	ppm

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
631	Methyl isobutyl ketone; (Hexone)	108-10-1	75	75	500	500	ppm
632	Diisopropylamine	108-18-9	5	6	40	200	ppm
633	Isopropyl ether; (Diisopropyl ether)	108-20-3	310	310	310	1400	ppm
634	Isopropyl acetate	108-21-4	250	310	310	1800	ppm
635	Isopropyl chloroformate; (Isopropyl chlorocarbonate)	108-23-6	0.15	0.4	3.3	10	ppm
636	Acetic Anhydride	108-24-7	5	5	5	200	ppm
637	Succinic anhydride	108-30-5	0.75	2	15	500	mg/m ³
638	Maleic anhydride	108-31-6	0.2	0.2	2	20	ppm
639	Propylene carbonate, 1,2-	108-32-7	0.125	0.35	2.5	12.5	mg/m ³
640	Bromochlorobenzene, m-	108-37-2	10	30	50	250	mg/m ³
641	Xylene, m-	108-38-3	100	150	200	900	ppm
642	Methylphenol, 3-; (m-Cresol)	108-39-4	5	5	24.9	250	ppm
643	Toluenethiol, m-	108-40-7	0.2	0.6	4	20	mg/m ³
644	Chlorophenol, m-	108-43-0	0.3	0.75	6	250	mg/m ³
645	Toluidine, m-; (2-Methylaniline)	108-44-1	2	7.5	40	40	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
646	Phenylenediamine, 1,3-; (m-Phenylenediamine)	108-45-2	0.1	0.3	10	125	mg/m ³
647	Resorcinol	108-46-3	10	20	20	20	ppm
648	Dimethylpyridine, 2,4-; (2,4-Lutidine)	108-47-4	0.15	0.5	4	20	ppm
649	Lutidine, 2,6-; (2,6-Dimethylpyridine)	108-48-5	75	200	1500	7500	ppm
650	Divinylbenzene, m-; (m-Vinylstyrene)	108-57-6	10	10	75	350	ppm
651	Dichloroisopropyl ether	108-60-1	3.5	10	75	350	ppm
652	Propylene glycol monomethyl ether acetate; (1-Methoxypropyl-2-acetate)	108-65-6	50	150	250	600	ppm
653	Mesitylene; (1,3,5-Trimethyl benzene)	108-67-8	25	25	25	500	ppm
654	Trimethylpyridine, 2,4,6-	108-75-8	1.5	5	35	150	ppm
655	Melamine	108-78-1	10	10	10	350	mg/m ³
656	Cyanuric acid; (1,3,5-Triazine-2,4,6-triol)	108-80-5	10	10	25	500	mg/m ³
657	Diisobutyl ketone	108-83-8	50	50	50	500	ppm
658	Bromobenzene; (Phenyl bromide)	108-86-1	0.75	2.5	15	350	ppm
659	Methylcyclohexane	108-87-2	500	1200	1200	1200	ppm
660	Toluene	108-88-3	200	200	1200	4500	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
661	Chlorobenzene; (Benzene chloride)	108-90-7	75	75	750	1000	ppm
662	Cyclohexylamine	108-91-8	1.8	1.8	8.6	30	ppm
663	Cyclohexanol	108-93-0	50	50	50	400	ppm
664	Cyclohexanone; (Ketoexamethylene)	108-94-1	50	50	50	700	ppm
665	Phenol	108-95-2	5	15	23	200	ppm
666	Benzenethiol; (Thiophenol; Phenyl mercaptan)	108-98-5	0.311	0.4	3.11	3.5	ppm
667	Methyl pyridine, 3-: (3-Picoline)	108-99-6	2	5	125	600	ppm
668	Methylmorpholine, 4-	109-02-4	2	6	40	200	ppm
669	Methylpyridine, 2-; (2-Picoline)	109-06-8	2	5	5	300	ppm
670	Methacrylic acid diester with triethylene glycol; (Polyester TGM3)	109-16-0	10	30	50	500	mg/m ³
671	Butanoic acid, butyl ester; (n-Butyl n-butanoate)	109-21-7	1.5	5	35	150	ppm
672	Valeric acid	109-52-4	30	75	500	500	mg/m ³
673	Dimethyl-1,3-propanediamine, N,N-; (1-Amino-3-dimethylaminopropane)	109-55-7	2.5	7.5	50	200	ppm
674	Propyl acetate, N-	109-60-4	200	250	1000	1700	ppm
675	Propyl chloroformate; (Propyl chlorocarbonate)	109-61-5	0.4	1.25	2	60	ppm

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
676	Boron trifluoride etherate	109-63-7	9.34	25	150	500	mg/m ³
677	Dibromopropane, 1,3-	109-64-8	2	6	40	200	mg/m ³
678	Butyl bromide, n-; (1-Bromobutane)	109-65-9	15	50	350	1500	ppm
679	Pentane, n-	109-66-0	610	610	610	1500	ppm
680	Pentene, 1-	109-67-1	300	750	6000	75000	ppm
681	Chlorobutane, 1-; (Butyl chloride)	109-69-3	7.5	25	150	750	ppm
682	Butyl lithium	109-72-8	0.231	0.231	1.25	6	mg/m ³
683	Butylamine, n-	109-73-9	5	5	50	300	ppm
684	Butanenitrile; (Butyronitrile)	109-74-0	8	24	40	50	ppm
685	Propanediamine, 1,3-	109-76-2	0.2	0.6	4	40	ppm
686	Propanedinitrile; (Malononitrile)	109-77-3	3	3	4.9	10	ppm
687	Butanethiol; (n-Butyl mercaptan)	109-79-5	0.5	7.5	50	500	ppm
688	Methylamino)ethanol, 2-(	109-83-1	3	10	60	350	ppm
689	Methoxyethylamine, 2-	109-85-3	0.5	1.5	10	50	ppm
690	Ethylene glycol monomethyl ether; (2-Methoxyethanol; EGME; Methyl Cellosolve(R))	109-86-4	0.1	0.35	2.5	200	ppm

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
691	Methylal; (Dimethoxymethane)	109-87-5	1000	2200	2200	2200	ppm
692	Diethylamine	109-89-7	15	15	40	200	ppm
693	Vinyl ethyl ether; (Ethoxy ethene)	109-92-2	15	50	350	1500	ppm
694	Ethyl formate	109-94-4	100	300	500	1500	ppm
695	Ethyl nitrite	109-95-5	0.6	2	12.5	60	ppm
696	Pyrrole; (Imidole)	109-97-7	0.035	0.1	0.75	4	ppm
697	Tetrahydrofuran	109-99-9	100	100	500	5000	ppm
698	Furan	110-00-9	1.25	4	6.8	19	ppm
699	Dibutyl peroxide, tert-	110-05-4	1.25	4	25	400	ppm
700	Methyl-2-hexanone, 5-: (Methyl isoamyl ketone)	110-12-3	100	150	1500	1500	ppm
701	Succinic acid	110-15-6	7.5	25	200	500	mg/m ³
702	Maleic acid	110-16-7	3	7.5	60	300	mg/m ³
703	Fumaric acid	110-17-8	40	100	500	500	mg/m ³
704	Tetramethyl ethylene diamine	110-18-9	10	30	125	125	ppm
705	Isobutyl acetate	110-19-0	150	150	250	1300	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
706	Diacetyl peroxide; (Acetyl peroxide)	110-22-5	7.5	20	150	500	mg/m ³
707	Methylenebisacrylamide, n,n'-	110-26-9	1.5	5	35	150	mg/m ³
708	Myristic acid, isopropyl ester; (Tetradecanoic acid, isopropyl; Isopropyl myristate)	110-27-0	200	500	500	500	mg/m ³
709	Myristic acid, butyl ester; (Tetradecanoic acid, butyl ester)	110-36-1	3	7.5	60	300	ppm
710	Methyl n-amyl ketone	110-43-0	100	100	125	800	ppm
711	Isoamyl nitrite; (Isopentyl nitrite)	110-46-3	3	7.5	60	300	ppm
712	Ethylene Glycol monomethyl ether acetate; (EGMEA; 2-Methoxyethyl acetate)	110-49-6	0.1	0.3	20	200	ppm
713	Hexane	110-54-3	50	400	3300	8600	ppm
714	Trans-1,4-dichlorobutene; (2-Butylene dichloride)	110-57-6	0.04	0.125	0.861	7.5	ppm
715	Amylamine, n-; (1-Pentylamine)	110-58-7	0.3	0.75	6	30	mg/m ³
716	Pentanenitrile	110-59-8	1.5	4	25	25	ppm
717	Butanediol, 1,4-; (1,4-Tetramethylene glycol; TMA)	110-63-4	1.25	3.5	25	250	mg/m ³
718	Dihydroxy-2-butene, 1,4-; (2-Butene-1,4-diol)	110-64-5	1.5	4	30	150	ppm
719	Butyne-1,4-diol, 2-; (1,4-Butynediol)	110-65-6	0.35	1	20	30	mg/m ³
720	Methylbutylamine, N-	110-68-9	2	6	40	200	ppm

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
721	Dimethoxyethane, 1,2-	110-71-4	3.5	10	75	1000	ppm
722	Chloroethyl vinyl ether, 2-; (Ethene, 2-chloroethoxy-)	110-75-8	0.25	0.75	5	25	ppm
723	Ethoxyethanol, 2-	110-80-5	5	15	500	500	ppm
724	Cyclohexane	110-82-7	300	300	500	1300	ppm
725	Cyclohexene	110-83-8	300	300	500	2000	ppm
726	Piperazine	110-85-0	2	6	40	500	mg/m ³
727	Pyridine	110-86-1	5	15	200	1000	ppm
728	Dihydro-2h-pyran, 3,4-	110-87-2	0.4	1.25	7.5	40	ppm
729	Piperidine	110-89-4	1	6.6	33	110	ppm
730	Morpholine	110-91-8	20	30	30	1400	ppm
731	Diisobutylamine	110-96-3	0.2	0.6	4	20	ppm
732	Oxydiacetic acid; (Oxodiacetic acid)	110-99-6	2	6	40	200	mg/m ³
733	Hexamethyltetracosane, 2,6,10,15,19,23-; (Squalane)	111-01-3	5	15	100	500	ppm
734	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/m ³
735	Octanone, 2-	111-13-7	60	200	200	500	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
736	Heptanoic acid	111-14-8	5	15	100	600	ppm
737	Ethoxyethylacetate, 2-	111-15-9	5	75	500	500	ppm
738	Bromohexane; (n-Hexyl bromide)	111-25-1	40	125	750	4000	ppm
739	Hexanol, n-; (n-Hexyl alcohol)	111-27-3	0.75	2	15	75	ppm
740	Pentanediol, 1,5-	111-29-5	7.5	25	150	500	mg/m ³
741	Gluteraldehyde	111-30-8	0.05	0.2	1	5	ppm
742	Hexanethiol, 1-; (N-HEXYLMERCAPTAN)	111-31-9	0.025	0.075	0.5	100	ppm
743	Butyl isocyanate, n-	111-36-4	0.0035	0.01	0.05	1	ppm
744	Diethylenetriamine	111-40-0	1	1	1.25	100	ppm
745	Aminoethylethanolamine	111-41-1	12.5	35	250	500	mg/m ³
746	Diethanolamine	111-42-2	2	150	300	300	mg/m ³
747	Dichloroethyl ether; (1,1'-Oxybis(2-chloro)ethane)	111-44-4	5	10	25.7	100	ppm
748	Diethylene glycol	111-46-6	2.31	40	200	200	ppm
749	Thiodiglycol	111-48-8	25	75	500	500	mg/m ³
750	Hexamethyleneimine	111-49-9	12.5	40	300	500	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
751	Ethylene glycol diacetate	111-55-7	25	75	500	500	mg/m ³
752	Caprylyl chloride; (Octanoyl chloride)	111-64-8	10	30	50	250	mg/m ³
753	Octane, n-	111-65-9	300	300	385	1000	ppm
754	Octene, 1-	111-66-0	40	40	800	2000	ppm
755	Adiponitrile	111-69-3	2	3.85	3.85	150	ppm
756	Heptanol, 1-; (Heptyl alcohol)	111-70-6	3.5	10	500	500	mg/m ³
757	Butoxyethanol, 2-; (Glycol ether EB; Xtraction II)	111-76-2	50	50	100	700	ppm
758	Methoxyethoxy)ethanol, 2-(2-; (Diethylene glycol monomethyl ether)	111-77-3	0.35	0.35	0.35	0.35	ppm
759	Cyclooctadiene, 1,5-	111-78-4	100	300	2000	10000	ppm
760	Bromooctane, 1-; (Octyl bromide)	111-83-1	2.5	7.5	50	250	ppm
761	Nonane (Shellsol 140)	111-84-2	200	600	1000	1250	ppm
762	Octanamine, 1-	111-86-4	0.4	1.25	7.5	40	mg/m ³
763	Octyl alcohol; (n-octanol)	111-87-5	50	50	50	350	mg/m ³
764	Octanethiol, 1-	111-88-6	0.025	0.075	0.5	150	ppm
765	Ethoxyethoxy)ethanol, 2-(2-; (Carbitol cellosolve; Diethylene glycol monoethyl ether)	111-90-0	25	30	200	400	ppm

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
766	Dichloromethoxy ethane; (bis(2-Chloroethoxy)methane)	111-91-1	0.6	2	6	6	ppm
767	Di-n-butylamine	111-92-2	0.25	0.75	5	50	ppm
768	Diethylene glycol dimethyl ether; (Bis(2-methoxy ethyl)ether)	111-96-6	5	15	25	400	ppm
769	Hexadecyltrimethylammonium chloride	112-02-7	2.5	7.5	50	250	mg/m ³
770	Octadecyltrichlorosilane	112-04-9	7.5	25	150	500	mg/m ³
771	Nonanoic acid	112-05-0	25	75	500	500	mg/m ³
772	Butoxyethanol acetate, 2-; (Ethylene glycol monobutyl ether acetate)	112-07-2	5	15	25	150	ppm
773	Undecanone, 2-; (Methyl nonyl ketone)	112-12-9	0.2	0.6	4	300	ppm
774	Diglycol monoethyl ether acetate; (Carbitol acetate)	112-15-2	40	125	500	500	mg/m ³
775	Triethylenetetramine	112-24-3	1	7.5	60	150	ppm
776	Bis(2-Chloroethoxy)ethane, 1,2-; (Triglycol dichloride)	112-26-5	1	3	20	100	mg/m ³
777	Triethylene glycol	112-27-6	300	500	500	500	mg/m ³
778	Bromodecane, 1-	112-29-8	1.5	5	35	150	ppm
779	Decyl alcohol; (1-Decanol)	112-30-1	4	12.5	75	500	mg/m ³
780	Decanal	112-31-2	2.5	7.5	50	250	ppm

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
781	Butoxyethoxy)-ethanol, 2-(2-; (Diethylene glycol monobutyl ether)	112-34-5	100	100	500	500	mg/m ³
782	Triethylene glycol monomethyl ether	112-35-6	40	125	500	500	mg/m ³
783	Bis(2-ethoxyethyl) ether; (Diethyl carbitol)	112-36-7	75	250	500	500	mg/m ³
784	Dodecane	112-40-3	0.015	0.05	0.35	20	ppm
785	Tetraoxadodecane, 2,5,8,11-	112-49-2	1	3	20	100	ppm
786	Dodecyl alcohol	112-53-8	0.4	1	7.5	500	mg/m ³
787	Dodecanethiol, 1-; (Dodecyl mercaptan; Lauryl mercaptan)	112-55-0	0.1	0.3	0.5	2.5	ppm
788	Butoxyethoxy)ethyl thiocyanate, 2-(2-	112-56-1	0.35	1	7.5	40	mg/m ³
789	Tetraethylenepentamine	112-57-2	5	15	350	500	mg/m ³
790	Diethylene glycol hexyl ether; (n-Hexyl carbitol;	112-59-4	7.5	25	150	500	mg/m ³
791	Tetraethylene Glycol	112-60-7	125	350	500	500	mg/m ³
792	Bis(2-butoxyethyl) ether; (Dibutyl carbitol; Diethylene glycol dibutyl ether)	112-73-2	6	15	125	200	ppm
793	Octadecenoic acid, 9-; (Oleic acid)	112-80-1	0.015	0.05	0.4	500	mg/m ³
794	Octadecanol, 1-	112-92-5	2.5	7.5	50	750	ppm
795	Sodium pyruvate (pyruvic acid, sodium salt)	113-24-6	10	30	50	250	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
796	Propoxur	114-26-1	0.5	1.5	20	20	mg/m ³
797	Azaserine; (L-Serine, diazoacetate (ester))	115-02-6	0.0125	0.04	0.25	75	mg/m ³
798	Propylene; (1-Propene)	115-07-1	500	1500	10000	20000	ppm
799	Methyl ether; (Dimethyl ether)	115-10-6	1000	3000	10000	60000	ppm
800	Methylpropene, 2- (Isobutene)	115-11-7	1000	3000	20000	100000	ppm
801	Trichloroethanol, 2,2,2-	115-20-8	12.5	35	250	250	mg/m ³
802	Trichloroethylsilane; (Ethyl trichlorosilane)	115-21-9	0.02	0.06	0.449	6	ppm
803	Octafluorocyclobutane; (Cyclooctafluorobutane; Freon C-318)	115-25-3	25000	65000	230000	300000	ppm
804	Dimefox; (bis(Dimethylamido)fluorophosphate))	115-26-4	0.2	0.6	1	1	mg/m ³
805	Endosulfan	115-29-7	0.1	0.3	0.8	35	mg/m ³
806	Bromophenol blue	115-39-9	10	30	50	250	mg/m ³
807	Bromocresol purple	115-40-2	10	30	50	250	mg/m ³
808	Pentaerythritol	115-77-5	15	30	50	500	mg/m ³
809	Tributyl(2,4-dichlorobenzyl)phosphonium chloride	115-78-6	0.75	2	15	75	mg/m ³
810	Triphenyl phosphate	115-86-6	3	9	500	500	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
811	Fensulfothion	115-90-2	0.01	0.03	2	12.5	mg/m ³
812	Tris(2-chloroethyl) phosphate; (2-Chloroethanol phosphate)	115-96-8	7.5	20	150	500	mg/m ³
813	Carbanolate; (Aldicarb; Methyl-2-(methylthio)propionaldehyde-o-(methylcarbamoyl)oxime, 2-)	116-06-3	0.07	0.21	0.3	100	mg/m ³
814	Acetyl carbinol; (Acetol (1); 1-Hydroxy-2-propanone)	116-09-6	7.5	25	200	500	mg/m ³
815	Tetrafluoroethylene	116-14-3	2	200	1000	10000	ppm
816	Hexafluoropropylene; (Hexafluoropropene)	116-15-4	0.1	10	50	500	ppm
817	Hexachloroacetone	116-16-5	0.4	1.25	7.5	200	mg/m ³
818	Dihydroxyanthraquinone, 1,8-	117-10-2	25	75	200	200	mg/m ³
819	Aminoanthraquinone, 2-	117-79-3	7.5	25	150	500	mg/m ³
820	Di-sec-octylphthalate	117-81-7	5	10	75	500	mg/m ³
821	Diocetyl phthalate, n-	117-84-0	15	50	400	500	mg/m ³
822	Salicylic acid, phenyl ester	118-55-8	4	12.5	75	500	mg/m ³
823	Hexachlorobenzene	118-74-1	0.002	0.006	2	200	mg/m ³
824	Anthranilic acid	118-92-3	4	12.5	75	500	mg/m ³
825	Trinitrotoluene, 2,4,6-	118-96-7	1.5	7.5	60	500	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
826	Methyl salicylate	119-36-8	0.125	0.4	2.5	12.5	ppm
827	Isopropylmethylpyrazolyl dimethylcarbamate; (Isolan)	119-38-0	1	3.5	5.6	5.6	mg/m ³
828	Benzophenone	119-61-9	0.5	1.5	350	500	mg/m ³
829	Tetrahydronaphthalene, 1,2,3,4- (tetralin)	119-64-2	0.2	0.6	5	20	ppm
830	Nitrodiphenylamine, 2-	119-75-5	30	100	500	500	mg/m ³
831	Dimethoxybenzidine 3,3'-; (o-Dianisidine)	119-90-4	1.25	4	25	500	mg/m ³
832	Dimethylbenzidine 3,3'-; (o-Tolidine)	119-93-7	0.1	0.3	2	100	mg/m ³
833	Anthracene	120-12-7	1.5	4	30	150	mg/m ³
834	Veratraldehyde	120-14-9	7.5	25	150	500	mg/m ³
835	Bis(2-hydroxyethyl)dodecanamide, N,N-	120-40-1	0.004	0.01	0.075	100	ppm
836	Ethyl-4-hydroxybenzoate; (p-Hydroxybenzoic acid rthyl ester; Ethyl acetimidiae hydrochloride)	120-47-8	250	500	500	500	mg/m ³
837	Benzyl benzoate	120-51-4	12.5	35	250	500	mg/m ³
838	Catechol	120-80-9	5	15	25	25	ppm
839	Trichlorobenzene, 1,2,4-	120-82-1	5	5	5	40	ppm
840	Dichlorophenol, 2,4-	120-83-2	0.2	0.2	2	20	ppm

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
841	Cyclopentanone	120-92-3	25	25	125	600	ppm
842	Methylpyrrolidine; (Methylpyrrolidine, 1-)	120-94-5	0.75	2	15	75	mg/m ³
843	Dinitrotoluene 2,4-	121-14-2	0.2	0.6	30	50	mg/m ³
844	Vanilin	121-33-5	5	15	125	500	mg/m ³
845	Trimethyl borate	121-43-7	6	15	125	600	ppm
846	Triethylamine	121-44-8	1	3	3	200	ppm
847	Trimethyl phosphite	121-45-9	2	60	500	750	ppm
848	Sulfanilic acid	121-57-3	50	150	500	500	mg/m ³
849	Dimethylaniline, N,N-	121-69-7	5	10	10	100	ppm
850	Nitrochlorobenzene, m-; (1-Chloro-3-nitrobenzene; m-chloronitrobenzene)	121-73-3	0.06	0.2	1.25	150	mg/m ³
851	Malathion	121-75-5	15	30	50	250	mg/m ³
852	Cyclotrimethylenetrinitramine; (RDX or Cyclonite)	121-82-4	0.5	3	40	40	mg/m ³
853	Isophthalic acid	121-91-5	10	30	50	500	mg/m ³
854	Benzyltrimethyloctadecylammonium chloride; (Dimethyloctadecylbenzylammonium chloride)	122-19-0	5	15	100	500	mg/m ³
855	Diphenylamine	122-39-4	10	30	125	125	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
856	Triethyl phosphite	122-52-1	2	6	40	200	ppm
857	Diocetyl sebacate; (Bis(2-ethylhexyl) sebacate)	122-62-3	7.5	20	150	500	mg/m ³
858	Diphenylhydrazine, 1,2-	122-66-7	0.2	0.6	4	125	mg/m ³
859	Phenoxyethanol, 2-; (Phenyl cellosolve)	122-99-6	20	20	20	100	ppm
860	Hexadecylpyridinium chloride, 1-; (Cepacol chloride)	123-03-5	0.075	0.25	2	10	mg/m ³
861	Methoxybenzaldehyde; (p-Anisaldehyde)	123-11-5	0.075	0.2	1.5	500	mg/m ³
862	Dipropyl ketone; (4-Heptanone)	123-19-3	50	50	60	350	ppm
863	Butanedioic acid, diethyl ester; (Succinic acid, diethyl ester)	123-25-1	5	15	100	500	ppm
864	Hydroquinone	123-31-9	2	3	20	50	mg/m ³
865	Maleic hydrazide; (3,6-Pyridazinedione,1,2-dihydro-)	123-33-1	0.6	2	12.5	500	mg/m ³
866	Propionaldehyde	123-38-6	20	45	260	840	ppm
867	Methylformamide, N-	123-39-7	15	50	350	500	ppm
868	Hydroxy-4-methyl-2-pentanone, 4-; (Diacetone alcohol)	123-42-2	50	50	50	1800	ppm
869	Isoamyl alcohol (primary); (3-Methyl-1-butanol)	123-51-3	100	125	125	500	ppm
870	Pentanedione, 2,4-; (Acetylacetone)	123-54-6	15	50	100	100	ppm

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
871	Propionic anhydride	123-62-6	10	30	200	500	mg/m ³
872	Paraldehyde	123-63-7	10	30	50	500	mg/m ³
873	Butyraldehyde	123-72-8	0.02	0.06	0.4	12.5	ppm
874	Crotonaldehyde, trans-	123-73-9	0.06	0.19	4.4	14	ppm
875	Pyrrolidine	123-75-1	5	15	100	500	mg/m ³
876	Azodicarbamide; (Azodicarbonamide)	123-77-3	40	125	200	200	mg/m ³
877	Butyl acetate, n-	123-86-4	5	5	200	3000	ppm
878	Dioxane, 1,4-	123-91-1	17	17	320	760	ppm
879	Isoamyl acetate; (Isopentyl acetate)	123-92-2	100	100	200	1000	ppm
880	Octanol, 2-	123-96-6	12.5	35	250	350	mg/m ³
881	Adipic acid	124-04-9	5	5	5	125	mg/m ³
882	Octanoic acid; (Caprylic acid)	124-07-2	40	125	500	500	mg/m ³
883	Nonene, 1-	124-11-8	0.5	1.5	10	50	ppm
884	Octanenitrile	124-12-9	1.5	4	30	150	ppm
885	Octanal, 1-; (Octanal; Octanaldehyde)	124-13-0	20	60	500	500	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
886	Decane	124-18-5	0.06	0.2	1.25	5000	ppm
887	Nonanal	124-19-6	2	6	40	500	mg/m ³
888	Carbon dioxide	124-38-9	5000	30000	40000	40000	ppm
889	Dimethylamine	124-40-3	10	15	100	350	ppm
890	Sodium methylate	124-41-4	7.5	25	150	500	mg/m ³
891	Urea peroxide; (Urea hydrogen peroxide)	124-43-6	1.5	5	35	150	mg/m ³
892	Dibromochloromethane; (Chlorodibromomethane)	124-48-1	2	6	40	150	mg/m ³
893	Methanesulfonyl chloride	124-63-0	1.5	4	20	20	mg/m ³
894	Sodium cacodylate; (Sodium dimethylarsinate)	124-65-2	1.07	3.2	40	500	mg/m ³
895	Isobutanol-2-amine	124-68-5	0.03	0.075	0.6	500	mg/m ³
896	Dibromotetrafluoroethane; (Halon 2402)	124-73-2	150	500	3500	15000	ppm
897	Picrotoxin	124-87-8	3	7.5	15	15	mg/m ³
898	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/m ³
899	Sucrose, diacetate hexaisobutyrate; (Sucrose acetate isobutyrate; SAIB)	126-13-6	12.5	40	300	500	mg/m ³
900	Bisbutenylenetetrahydrofurfural; (2,3,4,5-bis(2-butylene)tetrahydro-2-furaldehyde)	126-15-8	10	30	200	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
901	Propanediol, 2,2-dimethyl-, 1,3-	126-30-7	600	600	600	600	ppm
902	Tetramethylene sulfone; (Sulfolane; Tetrahydrothiophene-1,1-dioxide)	126-33-0	125	200	200	200	mg/m ³
903	Dipentaerythritol; (Dipentek)	126-58-9	10	30	50	250	mg/m ³
904	Triethylphosphorothioate; (Tepto)	126-68-1	0.15	0.5	3.5	15	ppm
905	Tributyl phosphate	126-73-8	0.459	2	15	30	ppm
906	Tetramethyl-5-decyne-4,7-diol, 2,4,7,9-	126-86-3	10	30	50	250	mg/m ³
907	Methacrylonitrile; (Methylacrylonitrile)	126-98-7	1	1	13	25	ppm
908	Chloroprene; (Neoprene)	126-99-8	1	1	1	300	ppm
909	Potassium acetate	127-08-2	12.5	40	250	500	mg/m ³
910	Sodium acetate	127-09-3	15	40	300	500	mg/m ³
911	Perchloroethylene; (Tetrachloroethylene)	127-18-4	25	35	230	1200	ppm
912	Dimethylacetamide, n,n-	127-19-5	10	75	300	300	ppm
913	Chloro-p-toluenesulfonamide, sodium salt, n-; (Chloramine T) (see also SFV550)	127-65-1	2.5	7.5	50	250	mg/m ³
914	Nitrobenzenesulfonic acid, sodium salt, 3-	127-68-4	40	125	500	500	mg/m ³
915	Zinc phenolsulfonate; (Zinc p-hydroxybenzenesulfonate)	127-82-2	0.6	2	12.5	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
916	Bromosuccinimide, N-	128-08-5	2	6	40	200	mg/m ³
917	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/m ³
918	Pyrene	129-00-0	2.5	7.5	15	15	mg/m ³
919	Warfarin sodium	129-06-6	1.5	5	9	9	mg/m ³
920	Disodium 3,6-endoxohexahydrophthalate	129-67-9	1	3	20	20	mg/m ³
921	Naphthoquinone, 1,4-	130-15-4	0.075	0.25	1.5	75	mg/m ³
922	Alizarine Red S, Monohydrate; (Sodium alizarin-3-sulfonate)	130-22-3	0.6	1.5	12.5	60	mg/m ³
923	Dimethylphthalate	131-11-3	5	15	75	500	mg/m ³
924	Diallyl phthalate	131-17-9	1	1	300	300	mg/m ³
925	Sodium pentachlorophenate	131-52-2	1	3.5	24	75	mg/m ³
926	Ammonium picrate	131-74-8	10	30	50	250	mg/m ³
927	Biphenylol, sodium salt, 2-;	132-27-4	2.5	7.5	60	300	mg/m ³
928	Dibenzofuran	132-64-9	10	30	50	250	mg/m ³
929	Captan	133-06-2	5	15	30	500	mg/m ³
930	Chloramben; (3-Amino-2,5-dichlorobenzoic acid)	133-90-4	35	100	500	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

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

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
946	Methyl-5-vinylpyridine, 2-	140-76-1	0.35	1	1.9	40	mg/m ³
947	Dinitrosopiperazine; (Piperazine, 1,4-dinitroso-)	140-79-4	0.5	1.5	10	60	mg/m ³
948	Ethyl acrylate	140-88-5	5	8.3	36	240	ppm
949	Butyl acrylate, n-	141-32-2	2	8.3	130	480	ppm
950	Ethanolamine	141-43-5	3	6	30	30	ppm
951	Sodium ethoxide	141-52-6	1.5	5	35	150	
952	Sodium formate	141-53-7	40	125	500	500	mg/m ³
953	Dicrotophos	141-66-2	0.05	0.15	0.9	40	mg/m ³
954	Ethyl acetate	141-78-6	400	400	400	2000	ppm
955	Methyl-3-penten-2-one, 4-; (Mesityl oxide)	141-79-7	25	25	25	1400	ppm
956	Malonic acid; (Carboxyacetic acid)	141-82-2	10	15	100	500	mg/m ³
957	Diaminopyridine, 2,6-	141-86-6	0.4	1.25	7.5	40	mg/m ³
958	Diethylbenzene, m-	141-93-5	40	125	500	500	mg/m ³
959	Ethyl acetoacetate	141-97-9	15	50	350	500	mg/m ³
960	Oxydiethylenedicarbonic acid, diallyl ester	142-22-3	3	10	60	125	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
961	Dichloropropane, 1,3-	142-28-9	5	15	100	350	ppm
962	Hexanoyl chloride	142-61-0	1.5	5	35	150	mg/m ³
963	Hexanoic acid	142-62-1	5	15	100	500	mg/m ³
964	Cupric acetate, anhydrous; (Copper acetate)	142-71-2	0.143	0.429	3.5	200	mg/m ³
965	Iminodiacetic acid	142-73-4	1	3	20	100	mg/m ³
966	Heptane	142-82-5	440	440	440	750	ppm
967	Dipropylamine	142-84-7	15	50	350	500	mg/m ³
968	Dodecyl methacrylate	142-90-5	5	15	100	500	ppm
969	Butyl ether, n-; (Dibutyl ether)	142-96-1	1	3	20	400	ppm
970	Nonyl alcohol	143-08-8	25	75	500	500	mg/m ³
971	Bromododecane, 1-	143-15-7	7.5	25	150	500	mg/m ³
972	Hexadecanamine, 1-	143-27-1	0.125	0.35	2.5	75	mg/m ³
973	Sodium cyanide	143-33-9	5	5	5	47.1	mg/m ³
974	Kepone; (Chlordecone)	143-50-0	0.001	0.003	0.6	40	mg/m ³
975	Sodium tetraphenyl borate	143-66-8	1.25	3.5	25	125	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
976	Fluoroacetic acid; (Fluoroethanoic acid)	144-49-0	0.075	0.25	0.47	2	mg/m ³
977	Sodium bicarbonate	144-55-8	10	30	50	500	mg/m ³
978	Oxalic acid, anhydrous; (Ethanedioic acid)	144-62-7	1	2	500	500	mg/m ³
979	Mercaptobenzoic acid, O-	147-93-3	0.2	0.6	4	20	mg/m ³
980	Sodium diethyldithiocarbamate; (Diethyldithiocarbamic acid, sodium salt)	148-18-5	2	6	250	500	mg/m ³
981	Quinolinol, 8-	148-24-3	2.5	7.5	50	500	mg/m ³
982	Mercaptobenzothiazole, 2-; (2-Benzothiazolethiol)	149-30-4	5	15	40	40	mg/m ³
983	Hydroxymethanesulfinic acid, monosodium salt; (Formaldehyde hydrosulfite)	149-44-0	15	50	350	500	mg/m ³
984	Ethyl hexanoic acid, 2-; (Butyl ethyl acetic acid)	149-57-5	6	15	125	500	mg/m ³
985	Orthoformic acid, trimethyl ester; (Trimethyl orthoformate)	149-73-5	0.1	0.3	2	10	ppm
986	Dichloromethylphenylsilane	149-74-6	1	3	20	20	mg/m ³
987	Aminobenzoic acid, p-	150-13-0	5	15	100	500	mg/m ³
988	Hydroxyethylenediaminetriacetic acid, n-	150-39-0	1.25	4	30	150	mg/m ³
989	Methoxyphenol, P-	150-76-5	5	15	100	500	mg/m ³
990	Sodium succinate	150-90-3	5	15	100	600	ppm

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
991	Dimethoxybenzene, 1,3-	151-10-0	3.5	10	75	400	mg/m ³
992	Sodium lauryl sulfate	151-21-3	0.35	1	6	500	mg/m ³
993	Methoxyethylmercuric acetate	151-38-2	0.0159	0.0477	3.18	3.18	mg/m ³
994	Lauryl sulfate; (Dodecyl sulfate)	151-41-7	5	15	100	500	mg/m ³
995	Potassium cyanide	151-50-8	5	5	5	62.6	mg/m ³
996	Ethyleneimine	151-56-4	0.5	0.6	4.6	9.9	ppm
997	Octamethyldiphosphoramidate; (Octamethylpyrophosphoramidate)	152-16-9	0.15	0.5	0.8	3.5	mg/m ³
998	Phenylpropanolamine hydrochloride; (Propadrine hydrochloride)	154-41-6	0.06	0.15	1.25	500	mg/m ³
999	Nitrosodiphenylamine, p-	156-10-5	0.1	0.3	2	150	mg/m ³
1000	Butyric acid, sodium salt	156-54-7	50	150	500	500	mg/m ³
1001	Dichloroethylene, cis-1,2-	156-59-2	140	140	500	850	ppm
1002	Dichloroethylene, cis-and trans-1,2-	156-60-5	200	280	1000	1700	ppm
1003	Calcium cyanamide	156-62-7	0.5	1.5	125	500	mg/m ³
1004	Amino-1-propanol, 3-	156-87-6	0.015	0.04	0.3	500	mg/m ³
1005	Benzo(ghi)perylene	191-24-2	10	30	50	250	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1006	Dibenzo(a,e)pyrene; (Naphtho(1,2,3,4-def)chrysene)	192-65-4	0.005	0.015	0.1	0.5	mg/m ³
1007	Indeno(1,2,3-cd)pyrene	193-39-5	0.15	0.5	3.5	15	mg/m ³
1008	Benz(e)acephenanthrylene; (Benzo(b)fluoroanthene)	205-99-2	0.2	0.6	4	20	mg/m ³
1009	Fluoranthene	206-44-0	0.004	0.01	0.075	500	mg/m ³
1010	Benzo(k)fluoranthene	207-08-9	0.2	0.6	4	20	mg/m ³
1011	Acenaphthylene	208-96-8	0.06	0.2	1.25	500	mg/m ³
1012	Chrysene (coal tar volatile)	218-01-9	0.2	0.6	1	80	mg/m ³
1013	Dibenzo-p-dioxin	262-12-4	1.5	4	30	500	mg/m ³
1014	Diazabicyclo(2,2,2)octane, 1,4-	280-57-9	1	3	20	500	mg/m ³
1015	Cyclopentane	287-92-3	600	1800	3840	15000	ppm
1016	Imidazole	288-32-4	4	12.5	75	100	mg/m ³
1017	Tetrazole, 1h-	288-94-8	10	30	50	150	mg/m ³
1018	Cyclooctane	292-64-8	20	60	400	2000	ppm
1019	Isobenzan	297-78-9	0.5	1.5	2	2	mg/m ³
1020	Thionazin; (Ethyl pyrazinyl phosphorothioate)	297-97-2	0.6	2	3.5	3.5	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1021	Methyl parathion	298-00-0	0.2	0.34	0.34	15	mg/m ³
1022	Phorate	298-02-2	0.05	0.1	0.6	0.6	mg/m ³
1023	Disulfoton	298-04-4	0.05	0.15	2	75	mg/m ³
1024	Bis(2-ethylhexyl) hydrogen phosphate	298-07-7	0.02	0.06	0.4	2	mg/m ³
1025	Potassium bicarbonate	298-14-6	12.5	35	60	500	mg/m ³
1026	Amphetamine; (Benzedrine)	300-62-9	4	12.5	20	20	mg/m ³
1027	Lead acetate; (Lead diacetate)	301-04-2	0.0785	0.235	75	157	mg/m ³
1028	Stannous octoate	301-10-0	0.341	1.023	15	85.3	mg/m ³
1029	Hydrazine	302-01-2	0.1	0.1	13	35	ppm
1030	Trichloroacetaldehyde hydrate; (Chloral hydrate)	302-17-0	10	30	50	50	mg/m ³
1031	Sodium potassium tartrate; (Potassium sodium tartrate)	304-59-6	20	60	400	500	mg/m ³
1032	Hydroxy-n-phenylbenzamide, N-; (Phenylbenzohydroxamic acid, N-)	304-88-1	10	30	50	250	mg/m ³
1033	Dichloro-1,1,1-trifluoroethane, 2,2-; (HCFC-123)	306-83-2	50	150	1000	10000	ppm
1034	Tetracosafuorotetradecahydro-phenanthrene; (Perfluorophenanthrene)	306-91-2	3.42	10.3	17.1	75	mg/m ³
1035	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	0.75	10	25	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1036	Tributyl-1-butanaminium iodide, N,n,n-; (Tetrabutylammonium iodide)	311-28-4	7.5	25	150	500	mg/m ³
1037	Lactic acid, sodium salt, DI-; (Propanoic acid,-2-hydroxy-, monosodium salt)	312-85-6	10	30	50	250	mg/m ³
1038	Mexacarbate; (4-(Dimethylamine)-3,5-xylyl N- methylcarbamate)	315-18-4	2.5	7.5	14	14	mg/m ³
1039	Emetine dihydrochloride, 1-	316-42-7	0.05	0.15	0.25	0.25	mg/m ³
1040	Hexachlorocyclohexane, alpha-; (Benzene hexachloride- alpha-isomer)	319-84-6	0.5	1.5	50	500	mg/m ³
1041	Hexachlorocyclohexane, beta-1,2,3,4,5,6-; (Benzene hexachloride, trans-alpha-)	319-85-7	0.5	1.5	15	500	mg/m ³
1042	Thenoyltrifluoroacetone	326-91-0	1.25	3.5	25	125	mg/m ³
1043	Trichloronate; (Ethyl trichlorophenylethylphosphonothioate)	327-98-0	2	6	10	300	mg/m ³
1044	Methyl cyclohexylfluorophosphonate; (GF)	329-99-7	0.00006	0.0002	0.0024	0.018	ppm
1045	Ethylenediamine dihydrochloride	333-18-6	0.1	0.3	2	60	mg/m ³
1046	Potassium thiocyanate	333-20-0	10	35	60	60	mg/m ³
1047	Methyl-trifluoromethanesulfonate	333-27-7	7.2	21.6	36	500	mg/m ³
1048	Diazomethane	334-88-3	0.2	0.6	2	2	ppm
1049	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/m ³
1050	Pentadecafluorooctanoic acid	335-67-1	4	12.5	75	75	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21.
Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1051	Boron trifluoride-dimethyl ether	353-42-4	0.75	2.5	37	110	mg/m ³
1052	Carbonyl fluoride	353-50-4	2	5	5	20	ppm
1053	Halon 1211; (Bromochlorodifluoromethane)	353-59-3	12.5	40	250	5000	ppm
1054	Bromo-2-chloro-1,1,2-trifluoroethane, 1-; (Halon 1301; 1,1,2-Trifluoro-1-bromo-2-chloroethane)	354-06-3	50	150	1000	5000	ppm
1055	Trifluoroacetyl chloride	354-32-5	1.07	3.21	50	249	ppm
1056	Trichloro-2,2,2-trifluoroethane, 1,1,1-	354-58-5	250	500	500	500	mg/m ³
1057	Tetradecafluorohexane; (Perfluoro-n-hexane; Fluorinert FC72)	355-42-0	200	600	4000	25000	ppm
1058	Brucine; (2,3-Dimethoxystrychnine)	357-57-3	0.6	1.5	12.5	40	mg/m ³
1059	Trifluoromethanesulfonic anhydride	358-23-6	1.5	5	35	150	mg/m ³
1060	Fluoroacetyl chloride	359-06-8	2	6	10	10	mg/m ³
1061	Tetrafluoroethane, 1,1,2,2- (HFC 134)	359-35-3	0.805	2.41	4.02	80.5	ppm
1062	Triethyloxonium tetrafluoroborate	368-39-8	6.25	18.8	31.3	500	mg/m ³
1063	Fluoroaniline, p-	371-40-4	1.5	5	35	150	mg/m ³
1064	Maleic acid, disodium salt	371-47-1	25	75	500	500	mg/m ³
1065	Ethylene fluorohydrin; (2-Fluoroethanol)	371-62-0	0.005	0.015	0.0267	1.25	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1066	Heptafluorobutyric acid	375-22-4	0.6	2	12.5	60	mg/m ³
1067	Tetrachlorohexafluorobutane, 2,2,3,3-; (FLON; CFC316)	375-34-8	0.2	0.6	4	20	ppm
1068	Ergotamine tartrate	379-79-3	2	6	10	60	mg/m ³
1069	Perfluoroisobutylene; (Octafluoro-sec-butene)	382-21-8	0.01	0.01	0.1	0.3	ppm
1070	Hexafluorobenzene	392-56-3	150	500	1500	1500	ppm
1071	Bis(trifluoromethyl)benzene, 1,3-	402-31-3	4.7	14.1	23.5	470	mg/m ³
1072	Fluoro-4-nitrophenol, 2-	403-19-0	0.75	2.5	15	75	mg/m ³
1073	Trifluoroacetic acid anhydride	407-25-0	4.61	13.8	23	461	mg/m ³
1074	Silicon carbide	409-21-2	15	30	250	500	mg/m ³
1075	Cyanamide	420-04-2	2	6	30	35	mg/m ³
1076	Cyanic acid; (Hydrogen cyanate)	420-05-3	0.04	0.1	0.75	4	ppm
1077	Fluorotrimethylsilane	420-56-4	2.5	7.5	50	250	ppm
1078	Methyl fluorosulfate	421-20-5	0.0025	0.0075	0.05	0.25	ppm
1079	Trifluoroacetaldehyde hydrate; (2,2,2-Trifluoro-1,1-ethanediol)	421-53-4	2.5	7.5	50	250	mg/m ³
1080	Tetrammonium fluoride trihydrate, (tetrabutylammonium fluoroborate)	429-41-4	34.4	103	172	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1081	Trimethoxy(3,3,3-fluoropropyl) silane	429-60-7	9.57	28.7	50	500	mg/m ³
1082	Butanedione, 2,3-	431-03-8	20	60	400	400	mg/m ³
1083	Benzoin oxime	441-38-3	0.6	1.5	12.5	60	mg/m ³
1084	Methyl fluoroacetate	453-18-9	0.015	0.05	0.35	5	mg/m ³
1085	Bromofluorobenzene, 4-; (p-fluorobromobenzene)	460-00-4	75	200	500	500	mg/m ³
1086	Cyanogen	460-19-5	10	10	10	15	ppm
1087	Pentafluoropropane, 1,1,1,3,3-	460-73-1	300	900	60000	60000	ppm
1088	Cyanoguanidene	461-58-5	0.5	1.5	10	200	mg/m ³
1089	Fluorobenzene	462-06-6	125	350	500	500	mg/m ³
1090	Allene; (1,2-Propadiene)	463-49-0	40	125	750	4000	ppm
1091	Ketene; (Carbomethene, Ethenone)	463-51-4	0.5	1.5	1.5	5	ppm
1092	Carbonyl sulfide	463-58-1	1.25	4	25	125	ppm
1093	Dimethylpropane, 2,2-; (Neopentane)	463-82-1	610	610	610	50000	ppm
1094	Pinacolyl alcohol; ((tert-Butyl methyl carbinol)	464-07-3	250	750	750	750	ppm
1095	Isodrin	465-73-6	1.25	4	7	7	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1096	Chlorfenvinfos	470-90-6	2	6	10	10	mg/m ³
1097	Carbonic acid, calcium salt	471-34-1	15	30	500	500	mg/m ³
1098	Oxamide	471-46-5	1.5	5	40	200	mg/m ³
1099	Dimethyl-5-phenylphenazinium chloride, 3,7-, diamino-2,8-; (Safranine; Gossypimine)	477-73-6	0.25	0.75	5	25	mg/m ³
1100	Trinitrophenylmethylnitramine, 2,4,6-; (Tetryl)	479-45-8	1.5	7.5	50	500	mg/m ³
1101	Dihydroxy-1,3-indandione, 2,2-; (Ninhydrin monohydrate)	485-47-2	0.3	1	6	35	mg/m ³
1102	Indole-3-carboxaldehyde, 1H-; (3-Formylindole)	487-89-8	0.75	2.5	15	75	ppm
1103	Glucose; (alpha-D-glucose; Dextrose)	492-62-6	0.4	1.25	7.5	500	mg/m ³
1104	Decahydronaphthalene, cis-; (cis-Decalin)	493-01-6	0.5	1.5	10	75	ppm
1105	Decahydronaphthalene, trans-; (trans-Decalin)	493-02-7	0.5	1.5	10	75	ppm
1106	Bis(Dimethylamino)acridine, 3,6-; (Acridine orange)	494-38-2	0.4	1.25	7.5	40	mg/m ³
1107	Indan	496-11-7	40	125	500	500	mg/m ³
1108	Glycoluril; (Acetyleneurea)	496-46-8	10	30	50	250	mg/m ³
1109	Sodium carbonate	497-19-8	10	30	50	500	mg/m ³
1110	Dipicolinic acid; (2,6-Pyridinedicarboxylic acid)	499-83-2	10	30	50	250	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1111	Benzyl chloroformate; (Carbobenzoxy chloride)	501-53-1	0.6	1.5	12.5	60	mg/m ³
1112	Methylmercuric dicyanamide	502-39-6	0.0149	0.0447	2.98	2.98	mg/m ³
1113	Caprolactone; (epsilon-Lactone hexanoic acid)	502-44-3	15	50	350	500	mg/m ³
1114	Trimethylene oxide; (Oxetane)	503-30-0	0.1	0.3	2	75	mg/m ³
1115	Aminopyridine, 4-; (4-Pyridinamine)	504-24-5	4	12.5	20	20	mg/m ³
1116	Propanediol, 1,3-	504-63-2	20	60	400	500	mg/m ³
1117	Bis(2-chloroethyl)sulfide; (HD; Sulfur mustard)	505-60-2	0.0035	0.01	0.02	0.32	ppm
1118	Potassium silver cyanide	506-61-6	1	3	20	20	mg/m ³
1119	Silver cyanide	506-64-9	25.7	25.7	25.7	129	mg/m ³
1120	Cyanogen bromide	506-68-3	20.4	44	44	44	mg/m ³
1121	Cyanogen chloride	506-77-4	0.3	0.3	0.4	4	ppm
1122	Cyanogen iodide	506-78-5	35	100	180	180	mg/m ³
1123	Fulminic acid; (Carbyloxime)	506-85-4	0.6	1.5	12.5	60	ppm
1124	Ammonium carbonate	506-87-6	0.75	2.5	15	75	mg/m ³
1125	Acetyl bromide	506-96-7	0.2	0.6	4	20	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1126	Thioacetic acid	507-09-5	0.006	0.02	0.125	10	ppm
1127	Chloro-2-methylpropane, 2-; (Tert-butyl chloride)	507-20-0	0.4	1	7.5	2000	ppm
1128	Tetraphenylarsonium chloride; (Tetraphenylarsenium chloride)	507-28-8	2.79	8.38	14	25	mg/m ³
1129	Tetranitromethane	509-14-8	0.52	0.52	0.52	1.7	ppm
1130	Chlorobenzylate; (4,4'-Dichloro-benzilic acid ethyl ester)	510-15-6	0.3	0.75	6	300	mg/m ³
1131	Trimethyl phosphate; (TMP)	512-56-1	5	15	60	60	ppm
1132	Hexaphenylcyclotrisiloxane	512-63-0	7.5	25	150	500	mg/m ³
1133	Ascaridole	512-85-6	0.75	2.5	20	75	mg/m ³
1134	Methyl-2-butene, 2-	513-35-9	2	6	40	200	ppm
1135	Isobutyl chloride; (1-Chloro-2-methylpropane)	513-36-0	0.4	1.25	7.5	40	ppm
1136	Butylamine, (S)-sec-	513-49-5	0.5	1.5	10	50	ppm
1137	Methyl-1-propanethiol, 1-; (sec-Butyl mercaptan; 2-Butanethiol)	513-53-1	2	6	40	200	ppm
1138	Barium carbonate	513-77-9	0.3	0.75	6	500	mg/m ³
1139	Cadmium carbonate	513-78-0	0.0077	0.046	4	13.8	mg/m ³
1140	Cobaltous carbonate	513-79-1	0.0404	0.121	0.202	250	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1141	Dithiazanine iodide; (3,3'-Diethylpentamethinethiacyanine iodide)	514-73-8	4	12.5	20	20	mg/m ³
1142	Hematoxylin	517-28-2	10	30	50	50	mg/m ³
1143	Uranine; (Fluorescein sodium)	518-47-8	12.5	40	250	500	mg/m ³
1144	Diphenylboronic acid	524-95-8	0.4	1.25	10	50	mg/m ³
1145	Trimethylbenzene, 1,2,3-	526-73-8	25	75	125	750	ppm
1146	Tartaric acid, monosodium salt	526-94-3	15	50	400	500	mg/m ³
1147	Gluconic acid, D-	526-95-4	10	30	50	250	mg/m ³
1148	Sodium gluconate	527-07-1	0.6	2	15	75	mg/m ³
1149	Tetramethylbenzene, 1,2,3,5-	527-53-7	0.15	0.5	3.5	500	mg/m ³
1150	Dinitrobenzene, o-	528-29-0	1	3	5	50	mg/m ³
1151	Salicylic acid, monoammonium salt	528-94-9	1.5	4	30	500	mg/m ³
1152	Benzoic acid, sodium salt	532-32-1	100	350	500	500	mg/m ³
1153	Bis(chloromethyl)ketone; (1,3-Dichloroacetone)	534-07-6	0.125	0.4	2	2	mg/m ³
1154	Silver carbonate; (Silver(I) carbonate)	534-16-7	0.0128	0.0383	0.0639	12.8	mg/m ³
1155	Cesium carbonate	534-17-8	10	30	200	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1156	Methylfuran, 2-	534-22-5	6	20	50	50	ppm
1157	Dinitro-o-cresol, 4,6- and salts	534-52-1	0.2	0.2	0.5	5	mg/m ³
1158	Crimidine; (Castrix)	535-89-7	0.25	0.75	1.2	1.2	mg/m ³
1159	Phenylacetylene; (Ethynebenzene)	536-74-3	40	100	500	500	mg/m ³
1160	Cerium acetate	537-00-8	0.1	0.35	2	10	mg/m ³
1161	Ethylbis(2-chloroethyl)amine; (Bis(2-chloroethyl)ethylamine)	538-07-8	1.5	4	7.5	30	mg/m ³
1162	Dicyclohexylcarbodiimide	538-75-0	0.0035	0.01	0.06	100	mg/m ³
1163	Bromoethanol, 2- (ethylene bromohydrin)	540-51-2	0.075	0.2	1.5	60	mg/m ³
1164	Dichloroethylene, 1,2-	540-59-0	200	600	1000	1000	ppm
1165	Ethanedithiol, 1,2-	540-63-6	0.35	1	7.5	40	ppm
1166	Ammonium formate	540-69-2	10	30	50	500	mg/m ³
1167	Sodium isothiocyanate; (Thiocyanic acid, sodium salt)	540-72-7	0.25	0.75	6	100	mg/m ³
1168	Dimethylhydrazine, 1,2-	540-73-8	0.6	1.5	3	11	ppm
1169	Isooctane; (2,2,4-Trimethylpentane)	540-84-1	300	385	385	1000	ppm
1170	Butyl acetate, tert-	540-88-5	200	600	1000	1500	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1171	Dodecamethylcyclohexasiloxane	540-97-6	10	30	50	500	mg/m ³
1172	Decamethylcyclopentasiloxane	541-02-6	15	50	350	500	mg/m ³
1173	Hexamethylcyclotrisiloxane	541-05-9	10	30	200	500	mg/m ³
1174	Uranyl acetate; (Uranium oxyacetate)	541-09-3	0.0891	1.07	3.5	17.8	mg/m ³
1175	Chlorovinylarsine dichloride; (Lewisite)	541-25-3	0.12	0.12	0.12	0.74	mg/m ³
1176	Ethyl chloroformate	541-41-3	1	1	5	10	ppm
1177	Methylbutanamide, 3-; (Isovaleramide)	541-46-8	6	20	125	500	mg/m ³
1178	Dithiobiuret	541-53-7	1	3	5	5	mg/m ³
1179	Dichlorobenzene, m-	541-73-1	0.75	2	15	75	ppm
1180	Benzenamine, sulfate (2:1)	542-16-5	10	30	50	250	mg/m ³
1181	Barium cyanide	542-62-1	0.69	2.07	3.5	69	mg/m ³
1182	Dichloropropene, 1,3-	542-75-6	1	12.5	50	50	ppm
1183	Chloropropionitrile, 3-	542-76-7	0.5	1.5	2.46	12.5	ppm
1184	Dichloromethyl ether; (bis(Chloromethyl)ether)	542-88-1	0.001	0.015	0.1	0.5	ppm
1185	Ethylthiocyanate	542-90-5	20	60	100	100	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1186	Barium acetate; (Barium acetate anhydrous)	543-80-6	0.93	2.79	4.65	93	mg/m ³
1187	Cadmium(II) acetate	543-90-8	0.0052	0.031	4	9.31	mg/m ³
1188	Diisoamylamine	544-00-3	5	15	25	125	ppm
1189	Calcium formate	544-17-2	10	30	200	500	mg/m ³
1190	Tetradecanoic acid; (Myristic acid)	544-63-8	0.35	1	7.5	35	mg/m ³
1191	Hexadecane	544-76-3	2.5	7.5	60	500	mg/m ³
1192	Copper cyanide	544-92-3	1.41	4.23	7.05	25	mg/m ³
1193	Octaphenylcyclotetrasiloxane	546-56-5	20	60	400	500	mg/m ³
1194	Isopropyl titanate(IV); (Titanium(IV) isopropoxide)	546-68-9	30	75	500	500	mg/m ³
1195	Acetic acid, lithium salt	546-89-4	12.5	35	250	500	mg/m ³
1196	Magnesium carbonate; (Magnesite)	546-93-0	15	30	50	250	mg/m ³
1197	Dimethylamino)phenyl)azo)benzenesulfonic acid, sodium salt, P-((P-(: (Methyl orange, sodium salt)	547-58-0	0.25	0.75	5	25	mg/m ³
1198	Crystal violet; (Aniline violet)	548-62-9	0.075	0.25	1.5	150	mg/m ³
1199	Ethanedioic acid, dimethyl ester	553-90-2	4	12.5	75	400	mg/m ³
1200	Potassium gold cyanide	554-07-4	27.7	83	138	138	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1201	Lithium carbonate	554-13-2	0.2	0.6	4	200	mg/m ³
1202	Nitrophenol, 3-; (m-Nitrophenol)	554-84-7	1.25	4	30	150	mg/m ³
1203	Aluminum(III) isopropylate	555-31-7	15.1	45.4	75.7	500	mg/m ³
1204	Tris(2-chloroethyl)amine	555-77-1	4	10	10	10	mg/m ³
1205	Glycidol; (Oxiranemethanol)	556-52-5	2	4	30	150	ppm
1206	Methyl isothiocyanate; (Isothiocyanatomethane)	556-61-6	1.5	4	33	500	mg/m ³
1207	Methyl thiocyanate	556-64-9	5	15	28.4	28.4	ppm
1208	Octamethylcyclotetrasiloxane	556-67-2	12.5	35	250	300	ppm
1209	Zinc stearate	557-05-1	15	30	50	150	mg/m ³
1210	Nickel cyanide	557-19-7	0.377	1.13	9.44	18.9	mg/m ³
1211	Diethylzinc	557-20-0	1.89	3.78	3.78	10	ppm
1212	Zinc cyanide	557-21-1	22.6	22.6	22.6	113	mg/m ³
1213	Zinc acetate	557-34-6	0.3	0.75	6	500	mg/m ³
1214	Magnesium formate	557-39-1	10	30	50	250	mg/m ³
1215	Chloropropylene, 2-	557-98-2	1000	3000	20000	35000	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1216	Methanesulfonyl fluoride	558-25-8	3.49	3.49	3.49	3.49	ppm
1217	Ethion	563-12-2	0.05	0.15	13	350	mg/m ³
1218	Dimethylhexane, 3,3-	563-16-6	75	75	386	2000	ppm
1219	Semicarbazide hydrochloride	563-41-7	20	60	100	100	mg/m ³
1220	Dichloroethylaluminum	563-43-9	9.41	9.41	9.41	9.41	mg/m ³
1221	Methyl-1-butene, 2-	563-46-2	65000	65000	230000	400000	ppm
1222	Chloro-2-methyl-1-propene, 3-	563-47-3	0.75	2.5	15	75	ppm
1223	Dichloropropene, 1,2-	563-54-2	1.5	5	40	200	ppm
1224	Dichloropropene, 1,1-	563-58-6	1	3	5	200	ppm
1225	Thallium(I) acetate; (Acetic acid, thallium(1+) salt)	563-68-8	0.129	0.387	2.5	19.3	mg/m ³
1226	Bromonitromethane	563-70-2	0.75	2.5	15	75	mg/m ³
1227	Ferrous carbonate	563-71-3	10	30	50	250	mg/m ³
1228	Calcium oxalate	563-72-4	6	15	50	50	mg/m ³
1229	Methyl isopropyl ketone; (3-Methyl-2-butanone)	563-80-4	200	200	200	600	ppm
1230	Dimethyl-3-pentanone, 2,4-	565-80-0	5	15	100	1000	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1231	Aluminon	569-58-4	0.0004	0.001	0.0075	500	mg/m ³
1232	Basic Green 4; (Aizen malachite green)	569-64-2	0.35	1	6	35	mg/m ³
1233	Dinitrophenol, 2,6-	573-56-8	0.15	0.4	3	15	mg/m ³
1234	Dimethylphenol, 2,6-; (2,6-Xylenol)	576-26-1	0.75	2	15	125	mg/m ³
1235	Bromomesitylene, 2-; (2-Bromo-1,3,5-trimethylbenzene)	576-83-0	10	30	50	250	mg/m ³
1236	Dioctyl sodium sulfosuccinate; (Di-(2-ethylhexyl) sodium sulfosuccinate)	577-11-7	7.5	20	150	500	mg/m ³
1237	Phenyl-1,2-propanedione, 1-	579-07-7	2.5	7.5	50	250	mg/m ³
1238	Potassium oxalate	583-52-8	7.5	25	150	500	mg/m ³
1239	Methylcyclohexanone, 2-; (o-Methylcyclohexanone)	583-60-8	75	75	125	600	ppm
1240	Isoamyl alcohol (secondary); (3-Pentanol)	584-02-1	100	125	125	500	ppm
1241	Potassium carbonate	584-08-7	10	20	150	500	mg/m ³
1242	Toluene-2,4-diisocyanate; (TDI)	584-84-9	0.005	0.02	0.083	0.51	ppm
1243	Diphenyl mercury (aryl compound)	587-85-9	0.177	0.177	0.177	17.7	mg/m ³
1244	Stilbene	588-59-0	5	15	100	500	mg/m ³
1245	Hexanone, 3-; (Ethyl propyl ketone)	589-38-8	4	12.5	75	400	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1246	Methylheptane, 4-	589-53-7	10	30	50	250	ppm
1247	Butyl propanoate; (Propanoic acid, butyl ester)	590-01-2	500	500	500	500	mg/m ³
1248	Butene, cis-2-; (cis-1,2-Dimethylethylene)	590-18-1	65000	65000	230000	400000	ppm
1249	Potassium formate	590-29-4	20	60	500	500	mg/m ³
1250	Aminoiminomethyl)urea sulfate(2:1), (	591-01-5	10	30	50	250	mg/m ³
1251	Aminophenol, M-	591-27-5	1	3	20	125	mg/m ³
1252	Iodobenzene	591-50-4	75	200	500	500	mg/m ³
1253	Hexanone, 2-; (Methyl n-butyl ketone)	591-78-6	5	10	1500	1600	ppm
1254	Acetic acid, 2-propenyl ester	591-87-7	0.5	1.5	10	50	ppm
1255	Mercuric cyanide	592-04-1	0.025	0.1	10	10	mg/m ³
1256	Platinum cyanide	592-06-3	0.0025	0.0076	0.0127	5.07	mg/m ³
1257	Methylheptane, 2-	592-27-8	2	6	40	200	ppm
1258	Butyl chloroformate, n-	592-34-7	1	3	20	100	ppm
1259	Hexene, 1-	592-41-6	30	30	30	30	ppm
1260	Heptene, 1-	592-76-7	1500	5000	40000	200000	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1261	Formic acid, butyl ester; (n-Butyl formate)	592-84-7	50	150	1000	1000	ppm
1262	Mercuric thiocyanate; (Mercuric sulfocyanate)	592-85-8	0.0395	0.118	0.158	15.8	mg/m ³
1263	Octadecane, N-	593-45-3	33.7	33.7	173	750	ppm
1264	Methylamine hydrochloride	593-51-1	3.5	10	60	500	mg/m ³
1265	Methyl fluoride; (Fluoromethane)	593-53-3	4.48	13.4	22.4	448	mg/m ³
1266	Vinyl bromide	593-60-2	5	15	40	50	ppm
1267	Dimethyl mercury	593-74-8	0.0115	0.0345	0.046	2.3	mg/m ³
1268	Thiocyanic acid, compound with guanidine (1:1); (Guanidene thiocyanate salt)	593-84-0	1.25	3.5	25	125	mg/m ³
1269	Trimethylphosphine	594-09-2	0.1	0.3	2	10	ppm
1270	Tert butyllithium	594-19-4	1.5	5	35	150	mg/m ³
1271	Dichloropropane, 2,2-	594-20-7	4	12.5	75	400	ppm
1272	Perchloromethyl mercaptan	594-42-3	0.013	0.013	0.3	0.9	ppm
1273	Hydroxy-2-methylpropanoic acid, 2-; (2-Methylactic acid)	594-61-6	10	30	50	250	mg/m ³
1274	Dimethylbutyric acid, 2,2-	595-37-9	7.5	25	150	500	mg/m ³
1275	Tetraethyltin; (Tetraethylstannane)	597-64-8	0.198	0.396	7	49.5	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1276	Methyl-1-propen-1-one, 2-; (Dimethylketene)	598-26-5	0.03	0.1	0.6	3.5	ppm
1277	Sec-butyllithium	598-30-1	0.4	1.25	7.5	40	ppm
1278	Bromoacetone	598-31-2	0.075	0.2	1.5	7.5	ppm
1279	Methyl vinyl carbinol; (3-Buten-2-ol)	598-32-3	0.25	0.75	5	25	ppm
1280	Methyl nitrate; (Nitric acid methyl ester)	598-58-3	5	15	100	500	ppm
1281	Manganese carbonate	598-62-9	0.418	6.28	10.5	500	mg/m ³
1282	Lead carbonate	598-63-0	0.0645	0.193	4	500	mg/m ³
1283	Bromotrifluoroethylene	598-73-2	7.06	21.2	125	125	ppm
1284	Pentafluorobenzoic acid	602-94-8	0.75	2	15	75	mg/m ³
1285	Triphenylphosphine	603-35-0	1.5	5	40	500	mg/m ³
1286	Dinitrotoluene 2,6-	606-20-2	0.2	0.6	6	50	mg/m ³
1287	Dibromophenol, 2,6-	608-33-3	0.5	0.5	2.5	2.5	mg/m ³
1288	Benzene hexachloride; (Hexachlorocyclohexane, mixed isomers)	608-73-1	0.15	0.5	4	40	mg/m ³
1289	Pentachlorobenzene	608-93-5	10	30	150	400	mg/m ³
1290	Dinitrotoluene, 3,4-	610-39-9	0.2	0.6	10	50	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1291	Ethyltoluene, o-	611-14-3	500	500	500	500	mg/m ³
1292	Nitrosotoluene, 2-: (o-Nitrosotoluene)	611-23-4	7.5	25	150	500	mg/m ³
1293	Alphahydroxybenzeneacetic acid, (+-)-; (DL-mandelic acid)	611-72-3	15	50	350	500	mg/m ³
1294	Butyl perbenzoate, tert-	614-45-9	7.5	25	150	400	mg/m ³
1295	Methylphenylthiourea, 2-; (o-Tolyl thiourea)	614-78-8	10	30	50	50	mg/m ³
1296	Furancarboxylic acid, ethyl ester, 2-; (Ethyl furoate)	614-99-3	0.25	0.75	5	25	ppm
1297	Phenylenediamine dihydrochloride, 1,2-	615-28-1	10	30	125	125	mg/m ³
1298	Dimethyl carbonate	616-38-6	15	40	300	1500	ppm
1299	Pyrrolidinone, 2-	616-45-5	1	3	20	40	ppm
1300	Methylimidazole, 1-	616-47-7	6	15	125	500	mg/m ³
1301	Malic acid, DL-	617-48-1	6	20	125	500	mg/m ³
1302	Phenylpropanol, 2-; (Dimethylphenylmethanol)	617-94-7	1	3	20	100	ppm
1303	Chloro-4-nitrophenol, 2-	619-08-9	0.5	1.5	10	50	ppm
1304	Tribenzylamine	620-40-6	10	30	50	250	mg/m ³
1305	Nitrosodipropylamine; (DPNA)	621-64-7	0.06	0.2	1.25	200	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1306	Ethyltoluene, p-	622-96-8	500	500	500	500	mg/m ³
1307	Diazoacetic acid; (Ethyl diazoacetate)	623-73-4	0.2	0.6	4	150	mg/m ³
1308	Diethylurea, 1,3-	623-76-7	5	15	100	600	ppm
1309	Phenylenediamine dihydrochloride, 1,4-	624-18-0	0.6	1.5	12.5	60	mg/m ³
1310	Dimethylcyclohexane, cis-1,4-	624-29-3	0.75	2	15	75	ppm
1311	Butene, trans-2-; (Trans-1,2-dimethylethylene)	624-64-6	6000	15000	25000	25000	ppm
1312	Methyl isocyanate	624-83-9	0.02	0.025	0.067	0.2	ppm
1313	Dimethyl disulfide	624-92-0	0.0035	0.01	50	250	ppm
1314	Nitric acid, ethyl ester; (Ethyl nitrate)	625-58-1	0.35	1	6	35	ppm
1315	Hexanol, 2-; (2-Hydroxyhexane)	626-93-7	5	15	100	500	mg/m ³
1316	Chloroethyl chloroformate	627-11-2	4	12.5	20	20	mg/m ³
1317	Propyl nitrate	627-13-4	25	40	200	1160	ppm
1318	Chloropropanol, 3-; (1-Propanol, 3-chloro)	627-30-5	10	30	200	500	mg/m ³
1319	Diethyl mercury	627-44-1	0.0129	0.0387	0.0516	2.58	mg/m ³
1320	Diethyl telluride	627-54-3	0.1	0.3	6	10	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1321	Iodopentane, 1-	628-17-1	4	10	75	400	mg/m ³
1322	Amyl acetate	628-63-7	100	100	100	1000	ppm
1323	Diethylene glycol diacetate; (2,2'-oxybisethanol diacetate)	628-68-2	100	300	500	500	mg/m ³
1324	Hexanenitrile	628-73-9	0.5	1.5	10	50	ppm
1325	Dibromohexane, 1,6-	629-03-8	1	3.5	20	100	mg/m ³
1326	Hexanediol, 1,6-; (Hexamethylene glycol)	629-11-8	50	150	500	500	mg/m ³
1327	Cyclooctatetraene, 1,3,5,7-	629-20-9	65000	65000	230000	400000	ppm
1328	Tridecane	629-50-5	0.015	0.05	0.35	6	ppm
1329	Tetradecane, N-	629-59-4	0.125	0.4	2.5	500	mg/m ³
1330	Tetradecane; (N-tetradecane)	629-59-4	0.04	0.125	1	1250	ppm
1331	Pentadecane	629-62-9	3.5	10	60	350	ppm
1332	Hexadecene, 1-	629-73-2	0.4	1.25	10	50	ppm
1333	Heptadecane	629-78-7	15	50	350	1500	ppm
1334	Octacosane	630-02-4	21.7	21.7	112	500	ppm
1335	Nonacosane	630-03-5	10	30	50	250	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1336	Pentatriacontane	630-07-9	10	30	50	250	mg/m ³
1337	Carbon monoxide	630-08-0	50	83	83	330	ppm
1338	Tetrachloroethane, 1,1,1,2-	630-20-6	3	7.5	60	200	ppm
1339	Ouabain	630-60-4	1.5	5	8.3	12.5	mg/m ³
1340	Ammonium acetate	631-61-8	2.5	7.5	50	250	mg/m ³
1341	Tetrachlorobenzene, 1,2,3,4-	634-66-2	12.5	35	250	500	mg/m ³
1342	Phenylphosphine	638-21-1	0.05	0.05	0.05	15	ppm
1343	Acetic acid, manganese(II) salt (2:1)	638-38-0	0.63	9.45	15.7	500	mg/m ³
1344	Triphenyltin chloride; (Chlorotriphenylstannane)	639-58-7	0.325	0.65	20	81.2	mg/m ³
1345	Fluoroacetamide	640-19-7	1	3.5	5.8	5.8	mg/m ³
1346	Manganese oxalate	640-67-5	0.52	7.81	13	500	mg/m ³
1347	Dimetilan	644-64-4	5	15	25	25	mg/m ³
1348	Aminoacetaldehyde diethyl acetal (2,2-diethoxyethylamine)	645-36-3	7.5	25	150	500	mg/m ³
1349	Dioxolane, 1,3-	646-06-0	20	20	69.3	4000	ppm
1350	Acetone-d ₆	666-52-4	200	200	3200	5700	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1351	Diketene; (Ketene dimer)	674-82-8	0.35	1	5	20	ppm
1352	Cyanuric fluoride; (2,4,6-Trifluoro-s-triazine)	675-14-9	0.17	0.17	0.17	74.8	mg/m ³
1353	Methylmagnesium chloride	676-58-4	1.5	5	35	150	mg/m ³
1354	Methane (d-3)	676-80-2	1000	3000	5000	25000	ppm
1355	Dichloromethylphosphine; (Methylphosphonous dichloride)	676-83-5	0.1	0.3	2	10	ppm
1356	Methyl phosphonic dichloride	676-97-1	0.06	0.2	1.4	15	mg/m ³
1357	Methyl phosphonothioic dichloride	676-98-2	1.5	4	30	150	mg/m ³
1358	Methyl difluorophosphite; (Methylphosphonic difluoride)	676-99-3	0.75	2.5	20	100	mg/m ³
1359	Hexamethylphosphoramide	680-31-9	0.04	0.125	0.75	150	ppm
1360	Tetramethoxysilane; (Methyl silicate)	681-84-5	1	1.5	10	20	ppm
1361	Tetrapropoxysilane	682-01-9	7.5	25	150	500	mg/m ³
1362	Diethyl methylphosphonate; (DEMP)	683-08-9	7.5	25	200	500	mg/m ³
1363	Hexafluoroacetone	684-16-2	0.1	0.15	1	50	ppm
1364	Nitroso-n-methylurea, n-	684-93-5	0.015	0.05	0.35	50	mg/m ³
1365	Ethyl lactate; (Ethyl (s)-(-)-lactate)	687-47-8	15	40	300	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1366	Boric acid, tributyl ester; (Tri-n-butyl borate)	688-74-4	0.75	2.5	20	100	ppm
1367	Hexafluorobutyne-2; (1,1,1,4,4,4-Hexafluoro-2-butyne)	692-50-2	0.3	1	6	35	ppm
1368	Tetrahydropyridine, 1,2,3,6-	694-05-3	2.94	8.83	15	75	ppm
1369	Phenyl dichloroarsine; (Dichlorophenylarsine)	696-28-6	1.49	1.49	4	125	mg/m ³
1370	Phosmet	732-11-6	0.025	0.075	0.54	40	mg/m ³
1371	Iodoheptafluoropropane, 1-; (Heptafluoropropyl iodide)	754-34-7	125	350	2500	12500	ppm
1372	Dimethyl methylphosphonate; (DMMP)	756-79-6	100	350	500	500	mg/m ³
1373	Diethylphosphatoethyltriethoxy silane	757-44-8	75	200	500	500	mg/m ³
1374	Methacrylic anhydride	760-93-0	0.75	2.5	4.5	150	mg/m ³
1375	Diethyl phosphite	762-04-9	15	50	350	500	mg/m ³
1376	Propionic acid, 3-ethoxy-, ethyl ester	763-69-9	20	60	400	500	mg/m ³
1377	Dichloro-2-butene 1,4-	764-41-0	0.005	0.015	20	125	ppm
1378	Molybdenum	764-70-1	10	30	50	500	mg/m ³
1379	Glycidaldehyde	765-34-4	0.025	0.075	0.5	25	ppm
1380	Phenyltriethoxysilane	780-69-8	10	35	250	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1381	Carbophenothion; (Trithion)	786-19-6	1.25	4	6.8	6.8	mg/m ³
1382	Tetrafluoroethane, 1,1,1,2-; (HFC 134a)	811-97-2	1000	8000	13000	27000	ppm
1383	Methyl alcohol-d4	811-98-3	200	250	500	500	mg/m ³
1384	Diethyl chlorophosphate	814-49-3	0.4	1	8	8	mg/m ³
1385	Acrylyl chloride; (Acryloyl chloride)	814-68-6	0.05	0.15	0.243	10	ppm
1386	Copper(II) oxalate	814-91-5	2.42	7.25	12.5	242	mg/m ³
1387	Lead oxalate	814-93-7	0.0712	0.214	0.356	1.5	mg/m ³
1388	Strontium oxalate	814-95-9	7.5	25	60	75	mg/m ³
1389	Hydroxyethyl acrylate, 2-; (Acrylic acid-2-hydroxyethyl ester)	818-61-1	0.35	1	6	50	ppm
1390	Nonanone, 2-	821-55-6	1	3	20	75	ppm
1391	Hexamethylene diisocyanate; (1,6-Diisocyanatohexane)	822-06-0	0.005	0.015	0.2	3.5	ppm
1392	Sodium stearate	822-16-2	0.15	0.5	3.5	15	mg/m ³
1393	Methylimidazole	822-36-6	20	60	300	300	mg/m ³
1394	Dichlorocyclohexane, trans-1,2-	822-86-6	75	250	500	500	mg/m ³
1395	Toluene-2,6-diamine; (2-Methyl-1,3-benzenediamine)	823-40-5	1.5	4	30	150	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1396	Trimethylolpropane phosphite	824-11-3	0.125	0.35	2.5	6	mg/m ³
1397	Methyl-8-quinolinol, 2-	826-81-3	10	30	50	250	mg/m ³
1398	Phenylcyclohexane; (Cyclohexylbenzene)	827-52-1	40	125	500	500	mg/m ³
1399	Naphthol-8-sulfonic acid, sodium salt, 2-	832-85-9	2	6	40	200	mg/m ³
1400	Indigo carmine; (FD&C blue No 2)	860-22-0	20	60	75	75	mg/m ³
1401	Potassium-tert-butoxide; (tert-Butyl alcohol, potassium derivitave)	865-47-4	1.5	5	35	150	mg/m ³
1402	Chloroform-D; (Deuterated chloroform)	865-49-6	2	2	50	500	ppm
1403	Potassium citrate	866-84-2	1.25	4	30	150	mg/m ³
1404	Tartaric acid, monopotassium salt	868-14-4	150	500	500	500	mg/m ³
1405	Hydroxyethyl methacrylate, 2-	868-77-9	0.1	0.3	2	500	mg/m ³
1406	Dimethyl hydrogen phosphite	868-85-9	20	60	400	500	mg/m ³
1407	Methyl 2-pyrrolidinone, 1-; (n-Methylpyrrolidone)	872-50-4	10	10	25	25	ppm
1408	Pyridinecarboxaldehyde, 4-; (Isonicotinaldehyde)	872-85-5	12.5	40	250	500	mg/m ³
1409	Hydrogen potassium phthalate; (Phthalic acid, monopotassium salt; Potassium acid phthalate; Potassium biphthalate)	877-24-7	12.5	40	250	500	mg/m ³
1410	Brij-35; (alpha-Dodecyl-omega-hydroxypolyoxy-ethylene)	900-29-2	0.15	0.5	3.5	400	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1411	Acetoxytriphenylstannane	900-95-8	0.345	0.689	20	50	mg/m ³
1412	Methyl lithium	917-54-4	1	3	20	100	mg/m ³
1413	Aminopropyltriethoxysilane; (3-(Triethoxysilyl)-1-propanamine)	919-30-2	6	15	125	500	mg/m ³
1414	Triethoxysilyl)-1-propanamine, 2-(: (3-Aminopropyltriethoxysilane)	919-30-2	6	15	125	500	mg/m ³
1415	Demeton-s-methyl	919-86-8	0.05	0.15	5	200	mg/m ³
1416	Methacryloyl chloride	920-46-7	0.025	0.075	0.14	6	ppm
1417	Hexafluoro-2-propanol, 1,1,1,3,3,3-	920-66-1	7.5	25	150	750	ppm
1418	Methylpropylnitrosoamine; (N-Methyl-N-nitroso-1-propanamine)	924-46-9	0.01	0.03	0.2	4	ppm
1419	Bromoethylmagnesium	925-90-6	1.5	5	35	150	mg/m ³
1420	Ethyl Alcohol D; (Ethanol D)	925-93-9	1000	3000	3300	3300	ppm
1421	Dimethyl-1-butanamine, N,N-	927-62-8	200	500	500	500	mg/m ³
1422	Nitric acid, butyl ester; (Butyl nitrate)	928-45-0	2.05	6.16	10.3	50	ppm
1423	Chloro-1-butanol, 4-	928-51-8	1.5	5	35	400	mg/m ³
1424	Methyl-2-heptanone, 6-	928-68-7	1.91	5.73	10	50	ppm
1425	Disodium iminodiacetate; (IDA)	928-72-3	4	12.5	100	500	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1426	Aminoethoxy)ethanol, 2(2-	929-06-6	12.5	35	250	500	mg/m ³
1427	Oxirane, ethenyl-; (3,4-Epoxy-1-butene)	930-22-3	3	10	25	25	ppm
1428	Chlorocyclohexene; (4-Chlorocyclohexene)	930-65-4	20	60	500	2500	ppm
1429	Glycerine carbonate; (4-Hydroxymethyl]-1,3-dioxolan-2-one)	931-40-8	10	30	50	250	mg/m ³
1430	Cyclooctene, cis-	931-87-3	3.5	10	60	350	mg/m ³
1431	Trichlorophenol, 2,3,6-	933-75-5	1.25	4	25	125	mg/m ³
1432	Chloroperoxybenzoic acid, 3-	937-14-4	0.3	1	6	35	mg/m ³
1433	Fonofos	944-22-9	0.01	0.03	1.3	200	mg/m ³
1434	Phosfolan	947-02-4	1.5	5	9	9	mg/m ³
1435	Mephosfolan	950-10-7	1.5	5	9	9	mg/m ³
1436	Methidathion; (O,O'-Dimethyl-S-(5-methoxy-1,3,4-thiadiazoliny)-3-methyldithiophosphate)	950-37-8	1	3	20	400	mg/m ³
1437	Triphenylborane	960-71-4	7.5	25	150	500	mg/m ³
1438	Basic Red 1; (Rhodamine 6G extra base)	989-38-8	0.025	0.075	0.6	2.5	mg/m ³
1439	Norbormide	991-42-4	0.75	2	3.8	3.8	mg/m ³
1440	Methyl chlorosilane; (Chloromethylsilane)	993-00-0	0.2	0.6	4	20	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1441	Methylphosphonate	993-13-5	10	10	10	10	mg/m ³
1442	Amyl methyl ether, tert-; (TAME)	994-05-8	20	125	125	125	ppm
1443	Dimethylisopropylamin, n,n-	996-35-0	1	3	5	25	mg/m ³
1444	Triethoxysilane	998-30-1	0.05	0.15	0.745	15	ppm
1445	Tributylphosphine	998-40-3	0.35	1	7.5	40	ppm
1446	Chlormequat Chloride; (Choline dichloride)	999-81-5	0.35	1	7	7.5	mg/m ³
1447	Hexamethyldisilazane	999-97-3	12.5	40	250	350	mg/m ³
1448	Nitric acid, pentyl ester; (Amyl nitrate)	1002-16-0	25	75	500	2500	ppm
1449	Chlorodecane, 1-	1002-69-3	48.5	145	249	1250	ppm
1450	Pentadecanoic acid	1002-84-2	0.04	0.125	1	5	ppm
1451	Tetrahydro-2,5-dimethyl furan	1003-38-9	15	50	350	500	mg/m ³
1452	Heptachlor epoxide; (Epoxyheptachlor)	1024-57-3	0.5	0.5	0.6	6	mg/m ³
1453	Triamiphos	1031-47-6	2	6	10	10	mg/m ³
1454	Chromic acetate; (Chromium(III) acetate)	1066-30-4	2.2	6.61	11	110	mg/m ³
1455	Ammonium bicarbonate	1066-33-7	2	6	40	200	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1456	Trimethylsilanol	1066-40-6	0.05	0.5	2	5	ppm
1457	Trimethyltin chloride; (Chlorotrimethylstannane)	1066-45-1	0.168	0.336	20	42	mg/m ³
1458	Diacetoxydibutyl stannane	1067-33-0	0.296	0.592	7.5	73.9	mg/m ³
1459	Isopropylmagnesium chloride; (Chloro (1-methylethyl) magnesium)	1068-55-9	1	3	20	100	mg/m ³
1460	Sodium hexamethyldisilazane; (Sodium bis(trimethylsilyl)amide)	1070-89-9	10	30	50	250	mg/m ³
1461	Dimethylheptane, 2,2-	1071-26-7	66.8	66.8	343	1500	ppm
1462	Methylaziridine, 1-	1072-44-2	2	2	2	100	ppm
1463	Benzene D ₆ ; (Deuterated benzene)	1076-43-3	1	50	150	1000	ppm
1464	Ammonium carbamate; (Carbamic acid, ammonium salt)	1111-78-0	0.3	1	6	35	mg/m ³
1465	Dimethyldimethoxysilane	1112-39-6	20	60	400	500	mg/m ³
1466	Ammonium oxalate; (Ethanedioic acid, diammonium salt)	1113-38-8	0.15	0.5	4	20	mg/m ³
1467	Trioctylamine; (n,n-Dioctyl-1-octanamine)	1116-76-3	4	12.5	75	400	mg/m ³
1468	Tetramethyl-3,5-heptanedione, 2,2,6,6-; (Dipivaloylmethane)	1118-71-4	10	30	50	250	mg/m ³
1469	Tetradecyltrimethylammonium bromide	1119-97-7	15	50	350	500	mg/m ³
1470	Undecane	1120-21-4	0.35	1	6	35	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1471	Propane sultone, 1,3-	1120-71-4	0.4	1.25	7.5	20	mg/m ³
1472	Nitrocyclohexane	1122-60-7	0.3	0.75	1.5	60	mg/m ³
1473	Nitropyridine-n-oxide, 4-; (Pyridine, 4-nitro-1-oxide)	1124-33-0	15	50	80	80	mg/m ³
1474	Metolcarb; (Methylcarbamic acid m-tolyl ester)	1129-41-5	1	3	4.8	200	mg/m ³
1475	Morpholinepropanesulfonic acid, 4-	1132-61-2	1.25	4	25	125	mg/m ³
1476	Cyclohexylamino)-1-propanesulfonic acid, 3-(: (CAPS)	1135-40-6	1.25	4	25	125	mg/m ³
1477	Tin(IV) isopropoxide	1184-61-8	0.1	0.2	5	25	mg/m ³
1478	Tris hydrochloride; (Trizma hydrochloride; Tris(hydroxymethyl) aminomethane hydrochloride)	1185-53-1	7.5	25	150	500	mg/m ³
1479	Methyltrimethoxysilane	1185-55-3	50	150	500	500	mg/m ³
1480	Ferric ammonium citrate	1185-57-5	1	3	500	500	mg/m ³
1481	Di-isobutylaluminum hydride; (Diisobutylhydroaluminum)	1191-15-7	10.5	31.6	52.7	1000	ppm
1482	Benzyl aminopurine, 6-; (6-Benzyladenine)	1214-39-7	5	15	100	500	mg/m ³
1483	Ethidium bromide; (2,7-Diamino-10-ethyl-9-phenylphenanthridinium bromide)	1239-45-8	0.15	0.5	4	20	mg/m ³
1484	Aluminum carbide	1299-86-1	2.67	8	13.3	60	mg/m ³
1485	Xylidine	1300-73-8	5	5	5	50	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1486	Sodium aluminate	1302-42-7	2	6	10	50	mg/m ³
1487	Lithium aluminum silicate; (Spodumene (mineral); Petalite)	1302-66-5	2	6	10	50	mg/m ³
1488	Aluminum(III) silicate (2:1); (Kyanite; Oil-dri)	1302-76-7	6.01	18	75	400	mg/m ³
1489	Bentonite; (Clay absorbent)	1302-78-9	10	30	50	50	mg/m ³
1490	Arsenic pentoxide	1303-28-2	0.0153	1	7.67	7.67	mg/m ³
1491	Boron oxide	1303-86-2	15	30	300	500	mg/m ³
1492	Lithium tetraborate pentahydrate	1303-94-2	1	3	5	25	mg/m ³
1493	Sodium borate decahydrate	1303-96-4	2	6	200	500	mg/m ³
1494	Barium oxide	1304-28-5	0.558	1.67	2.79	55.8	mg/m ³
1495	Barium dioxide; (Barium peroxide)	1304-29-6	0.617	0.617	1.5	7.5	mg/m ³
1496	Beryllium oxide	1304-56-9	0.0056	0.0139	1.39	11.1	mg/m ³
1497	Bismuth oxide	1304-76-3	20	60	400	500	mg/m ³
1498	Bismuth hydroxide nitrate oxide; (White paint)	1304-85-4	7.5	20	150	500	mg/m ³
1499	Calcium hydroxide	1305-62-0	15	15	500	500	mg/m ³
1500	Calcium oxide	1305-78-8	5	5	5	25	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1501	Hydroxyapatite; (Calcium hydroxyapatite)	1306-06-5	12.5	35	60	500	mg/m ³
1502	Cadmium oxide	1306-19-0	0.0057	0.0343	4	10.3	mg/m ³
1503	Cadmium sulfide	1306-23-6	0.0064	0.0386	11.6	11.6	mg/m ³
1504	Ceric oxide	1306-38-3	6	20	125	500	mg/m ³
1505	Cobalt(II) oxide	1307-96-6	0.127	0.127	20	75	mg/m ³
1506	Cobalt oxide	1308-06-1	0.136	0.136	0.136	500	mg/m ³
1507	Chromic trihydroxide; (Chromic(III) acid)	1308-14-1	0.991	1.25	10	49.5	mg/m ³
1508	Chromite; (Chromite (mineral))	1308-31-2	1.08	3.23	5.38	500	mg/m ³
1509	Chromic oxide (Chromium(III) oxide, chromium sesquioxide)	1308-38-9	0.731	15	36.5	36.5	mg/m ³
1510	Dysprosium oxide; (Dysprosium(III) oxide)	1308-87-8	20	60	400	500	mg/m ³
1511	Europium oxide	1308-96-9	20	60	400	500	mg/m ³
1512	Ferric hydroxide	1309-33-7	3.5	10	75	400	mg/m ³
1513	Iron oxide; (Ferric oxide)	1309-37-1	5	15	40	500	mg/m ³
1514	Magnesium hydroxide	1309-42-8	75	200	500	500	mg/m ³
1515	Magnesium oxide	1309-48-4	10	30	150	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1516	Lead dioxide	1309-60-0	0.0577	0.1731	20	115	mg/m ³
1517	Antimony oxide	1309-64-4	0.599	1.8	4	59.9	mg/m ³
1518	Goethite; (Iron hydroxide oxide)	1310-14-1	5	7.5	12.5	250	mg/m ³
1519	Germanium oxide	1310-53-8	0.75	2	15	500	mg/m ³
1520	Potassium hydroxide	1310-58-3	2	2	2	150	mg/m ³
1521	Lithium hydroxide	1310-65-2	0.05	0.15	1	100	mg/m ³
1522	Lithium hydroxide monohydrate	1310-66-3	0.05	0.15	1	100	mg/m ³
1523	Sodium hydroxide	1310-73-2	0.5	0.5	5	50	mg/m ³
1524	Rubidium hydroxide	1310-82-3	2.5	7.5	50	250	mg/m ³
1525	Indium oxide (vapor)	1312-43-2b	0.107	0.321	0.535	2.5	mg/m ³
1526	Indium(III) oxide	1312-43-2a	0.121	0.363	100	500	mg/m ³
1527	Potassium silicate; (Silicic acid, potassium salt)	1312-76-1	10	30	50	250	mg/m ³
1528	Lanthanum oxide	1312-81-8	40	125	500	500	mg/m ³
1529	Manganese dioxide	1313-13-9	0.317	4.75	79.1	500	mg/m ³
1530	Molybdenum trioxide	1313-27-5	7.5	7.5	7.5	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1531	Sodium peroxide	1313-60-6	10	10	10	10	mg/m ³
1532	Sodium sulfide	1313-82-2	0.75	2.5	15	75	mg/m ³
1533	Sodium sulfide nonahydrate	1313-84-4	0.2	0.6	4	20	mg/m ³
1534	Niobium pentoxide; (Niobium(V) oxide)	1313-96-8	10	30	200	500	mg/m ³
1535	Neodymium(III) oxide	1313-97-9	10	30	50	500	mg/m ³
1536	Nickel oxide; (Nickel(II) oxide)	1313-99-1	1.27	1.27	12.7	12.7	mg/m ³
1537	Thallium oxide	1314-12-1	0.104	0.312	0.52	15	mg/m ³
1538	Zinc oxide	1314-13-2	15	15	15	500	mg/m ³
1539	Thorium oxide; (Thorium dioxide)	1314-20-1	25	75	500	500	mg/m ³
1540	Zirconium oxide	1314-23-4	6.75	13.5	13.5	33.8	mg/m ³
1541	Phosphorus trioxide	1314-24-5	0.4	1.25	7.5	40	mg/m ³
1542	Thallium(III) oxide	1314-32-5	2	2	2	20	mg/m ³
1543	Vanadium trioxide	1314-34-7	0.0412	0.124	50	50	mg/m ³
1544	Tungsten trioxide; (Tungsten(VI) oxide)	1314-35-8	6.31	12.6	400	400	mg/m ³
1545	Yttrium trioxide	1314-36-9	1.27	3.81	40	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1546	Ytterbium oxide	1314-37-0	10	30	50	250	mg/m ³
1547	Lead tetroxide	1314-41-6	0.0551	0.165	0.276	110	mg/m ³
1548	Phosphorus pentoxide	1314-56-3	1	1	10	50	mg/m ³
1549	Tantalum(V) oxide	1314-61-0	6.11	12.2	500	500	mg/m ³
1550	Vanadium pentoxide; (Vanadium(V) oxide)	1314-62-1	0.05	0.5	0.5	35	mg/m ³
1551	Rhenium oxide; (Rhenium(VII) oxide)	1314-68-7	1.3	3.9	6.5	30	mg/m ³
1552	Phosphorus pentasulfide	1314-80-3	1	3	50	250	mg/m ³
1553	Zinc phosphide	1314-84-7	0.6	1.5	12	60	mg/m ³
1554	Lead sulfide	1314-87-0	0.0577	0.173	350	500	mg/m ³
1555	Antimony pentasulfide	1315-04-4	0.829	2.49	4.15	82.9	mg/m ³
1556	Molybdenum(IV) sulfide	1317-33-5	16.7	50.1	83.4	500	mg/m ³
1557	Manganese(III) oxide	1317-34-6	0.287	4.31	71.8	500	mg/m ³
1558	Manganese oxide; (Manganese tetroxide)	1317-35-7	0.278	0.833	69.4	500	mg/m ³
1559	Lead oxide; (Lead monoxide)	1317-36-8	0.0539	0.0539	0.0539	108	mg/m ³
1560	Cupric oxide	1317-38-0	0.125	0.376	0.626	125	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1561	Copper oxide	1317-39-1	0.113	3.38	15	113	mg/m ³
1562	Copper(II) sulfide	1317-40-4	1.5	4.51	7.52	150	mg/m ³
1563	Iron(II,III) oxide; (Ferrosferric oxide; Iron(III) oxide)	1317-61-9	20.7	31.1	51.8	250	mg/m ³
1564	Calcium carbonate; (Dolomite, Limestone)	1317-65-3	15	45	75	350	mg/m ³
1565	Vermiculite, exfoliated	1318-00-9	10	30	50	250	mg/m ³
1566	Montmorillonite	1318-93-0	30	30	30	30	mg/m ³
1567	Cresols	1319-77-3	5	15	24.9	250	ppm
1568	Dichlorotetrafluoroethane	1320-37-2	1000	3000	5000	15000	ppm
1569	Trichloronaphthalene	1321-65-9	5	15	25	50	mg/m ³
1570	Divinylbenzene, mixed isomers; (Vinylstyrene)	1321-74-0	10	10	75	350	ppm
1571	Potassium aluminosilicate	1327-44-2	5	30	50	500	mg/m ³
1572	Arsenic acid	1327-52-2	0.0189	0.0568	3	55	mg/m ³
1573	Arsenic (& inorganic compounds)	1327-53-3	0.01	0.03	5	5	mg/m ³
1574	Xylenes	1330-20-7	100	130	920	2500	ppm
1575	Sodium borate; (Disodium tetraborate; Borates, tetrasodium salts)	1330-43-4	2	6	6	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1576	Methylcyclohexanone	1331-22-2	1.5	5	40	200	ppm
1577	Dichloroethylbenzene; (Ethylchlorobenzene)	1331-29-9	20	60	500	500	mg/m ³
1578	Asbestos	1332-21-4	0.005	0.5	0.5	2.5	mg/m ³
1579	Tin(II) oxide	1332-29-2	2.54	7.62	12.7	127	mg/m ³
1580	Kaolin; (Aluminum silicate hydroxide)	1332-58-7	5	6	125	500	mg/m ³
1581	Hydrogen	1333-74-0	65000	65000	230000	400000	ppm
1582	Chromic trioxide; (Chromium(VI) oxide (1:3))	1333-82-0	0.0096	0.0096	0.06	28.8	mg/m ³
1583	Sodium bifluoride; (Sodium hydrogen fluoride)	1333-83-1	4.08	4.08	6	35	mg/m ³
1584	Aluminum oxide hydrate	1333-84-2	15	30	50	250	mg/m ³
1585	Carbon black	1333-86-4	3.5	10.5	17.5	500	mg/m ³
1586	Lead acetate, basic; (Lead subacetate)	1335-32-6	0.065	0.195	130	130	mg/m ³
1587	Hexachloronaphthalene	1335-87-1	0.2	0.2	0.2	2	mg/m ³
1588	Ammonium hydroxide	1336-21-6	2	6	40	100	ppm
1589	Polychlorinated biphenyl; (Aroclor; PCBs)	1336-36-3	1	3	5	5	mg/m ³
1590	Methyl ethyl ketone peroxide	1338-23-4	0.2	0.2	20	20	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1591	Sorbitan, monolaurate	1338-39-2	350	500	500	500	mg/m ³
1592	Sorbitan, monostearate	1338-41-6	400	500	500	500	mg/m ³
1593	Sorbitan, monooleate	1338-43-8	250	500	500	500	mg/m ³
1594	Ammonium hydrogen fluoride; (Ammonium bifluoride)	1341-49-7	3.75	3.75	3.75	3.75	mg/m ³
1595	Magnesium silicate; (Florisol)	1343-88-0	10	30	50	500	mg/m ³
1596	Magnesium silicate hydrate	1343-90-4	10	30	50	250	mg/m ³
1597	Silica gel dessicant	1343-98-2	6	30	500	500	mg/m ³
1598	Sodium aluminosilicate	1344-00-9	3.5	10	150	500	mg/m ³
1599	Silicic acid, aluminum calcium sodium salt	1344-01-0	10	30	50	250	mg/m ³
1600	Silicic acid, sodium salt; (Sodium silicate)	1344-09-8	7.5	25	150	500	mg/m ³
1601	Aluminum oxide; (Alumina)	1344-28-1	15	15	15	25	mg/m ³
1602	Manganous oxide; (Manganese(II) oxide)	1344-43-0	0.258	0.775	6.46	150	mg/m ³
1603	Uranium(IV) oxide; (Uranium black oxide)	1344-57-6	0.0567	0.681	10	30	mg/m ³
1604	Uranium oxide; (Triuranium octaoxide)	1344-59-8	0.059	0.707	10	50	mg/m ³
1605	Cerium trioxide	1345-13-7	2	6	40	200	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1606	Antimycin A	1397-94-0	0.35	1	1.8	12.5	mg/m ³
1607	Dinoterb; (2-(1,1-Dimethylethyl)-4,6-dinitrophenol)	1420-07-1	5	15	25	25	mg/m ³
1608	Diisopropyl methylphosphonate	1445-75-6	3.5	10	75	350	mg/m ³
1609	Chlorosarin; (o-Isopropyl methylphosphonochloridate)	1445-76-7	0.00125	0.0035	0.006	0.022	ppm
1610	Trimethylgallium	1445-79-0	1.5	5	35	150	mg/m ³
1611	Methyl alcohol d	1455-13-6	200	250	1000	6000	ppm
1612	Bioxirane, 2,2-; (1,2:3,4-Diepoxybutane)	1464-53-5	0.04	0.125	0.995	10	ppm
1613	Imidazole hydrochloride	1467-16-9	7.5	25	150	500	mg/m ³
1614	Trifluoromethanesulfonic acid; (Triflic acid)	1493-13-6	0.1	0.3	2	10	ppm
1615	Fluoro-2-nitrobenzene, 1-; (o-Fluoronitrobenzene)	1493-27-2	7.5	25	150	500	mg/m ³
1616	Triphenylethoxysilane	1516-80-9	10	30	50	250	mg/m ³
1617	Tetracyanoquinodimethane; (Ultima Gold AB)	1518-16-7	0.4	1.25	10	50	mg/m ³
1618	Fluoro-6-nitrophenol, 2-	1526-17-6	0.75	2.5	15	75	mg/m ³
1619	Pivalic anhydride; (Trimethylacetic anhydride)	1538-75-6	10	30	50	250	mg/m ³
1620	Chloromethyl(trichloro)silane	1558-25-4	0.1	0.35	2	10	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1621	Ethyhexyloxy)ethanol, 2-(2-	1559-35-9	100	350	500	500	mg/m ³
1622	Carbofuran	1563-66-2	0.1	0.3	0.43	0.5	mg/m ³
1623	Trifluralin; (2,6-dinitro-N,N-dipropyl-4-(trifluoromethyl)benzenamine	1582-09-8	0.025	0.075	0.6	300	mg/m ³
1624	Vinylbenzylchloride; (4-Vinylbenzyl chloride)	1592-20-7	1.5	5	35	150	mg/m ³
1625	Mercuric acetate	1600-27-7	0.01	0.03	0.1	2	mg/m ³
1626	Diethyl pyrocarbonate	1609-47-8	10	30	200	500	mg/m ³
1627	Butyl isocyanate, Tert-	1609-86-5	0.25	0.75	5	25	mg/m ³
1628	Diethylaminoacetone	1620-14-0	0.5	1.5	10	50	ppm
1629	Chloroethanesulfonyl chloride, 2-	1622-32-8	1.25	3.5	25	150	mg/m ³
1630	Strontium carbonate	1633-05-2	20	20	20	20	mg/m ³
1631	Methyl tert-butyl ether	1634-04-4	50	150	250	10000	ppm
1632	Butanaminium,N,N,N-tributyl bromide, 1-; (Tetrabutylammonium bromide)	1643-19-2	10	30	50	250	mg/m ³
1633	Bathophenanthroline	1662-01-7	75	250	500	500	mg/m ³
1634	Dichloromethane-D2	1665-00-5	25	200	750	4000	ppm
1635	Bisphenol A diglycidyl ether	1675-54-3	1.25	3.5	6	6	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1636	Butylcyclohexane; (1-Cyclohexylbutane)	1678-93-9	1.5	5	40	200	ppm
1637	Tetrahydrofuran-d8	1693-74-9	100	100	500	5000	ppm
1638	Butyl acetoacetate, tert-	1694-31-1	20	60	400	500	mg/m ³
1639	Isopropyl nitrate	1712-64-7	1.5	5	150	750	ppm
1640	Bromopyrene, 3-	1714-29-0	10	30	50	250	mg/m ³
1641	Dichloro-1-fluoroethane, 1,1-; (HCFC-141b; Freon 141)	1717-00-6	500	1000	1700	3000	ppm
1642	Allylmagnesium bromide	1730-25-2	10	30	50	250	mg/m ³
1643	Dimethylimidazole, 1,2-	1739-84-0	4	12.5	75	400	mg/m ³
1644	Dioxine; (TCDD; 2,3,7,8-tetrachlorodibenzo-p-dioxin)	1746-01-6	0.0006	0.0015	0.0075	0.0075	mg/m ³
1645	Acetone thiosemicarbazide	1752-30-3	20	60	100	100	mg/m ³
1646	Trimethoxysilylpropyl) ethylenediamine, N-(3-	1760-24-3	30	75	500	500	mg/m ³
1647	Ammonium thiocyanate	1762-95-4	12.5	35	200	200	mg/m ³
1648	Dibutyl phosphite	1809-19-4	12.5	40	250	500	mg/m ³
1649	Trimethylsilylmethyl lithium	1822-00-0	1.5	5	35	150	mg/m ³
1650	Methoxytrimethylsilane	1825-61-2	0.05	0.5	2	5	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1651	Vinylmagnesium bromide	1826-67-1	1.5	5	35	150	mg/m ³
1652	Formic acid, 2-propenyl ester; (Allyl formate)	1838-59-1	4	12.5	75	400	mg/m ³
1653	Ammonium benzoate	1863-63-4	3.5	10	75	350	mg/m ³
1654	Phenyl Chloroformate; (Carbonochloridic acid phenyl ester)	1885-14-9	0.04	0.125	0.75	4	ppm
1655	Hexachloropropene	1888-71-7	0.15	0.4	3	15	ppm
1656	Dithiodiethanol, 2,2-; (Dithiodiglycol)	1892-29-1	0.75	2	15	75	mg/m ³
1657	Chlorothalonil; (Tetrachloroisophthalonitrile)	1897-45-6	3	7.5	30	30	mg/m ³
1658	Paraquat dichloride	1910-42-5	0.1	0.3	1	1	mg/m ³
1659	Nitrapyrin; (2-Chloro-6-(trichloromethyl)pyridine)	1929-82-4	15	20	50	400	mg/m ³
1660	Potassium glycolate	1932-50-9	7.5	20	150	750	ppm
1661	Cyclohexyl methyl phosphonic acid	1932-60-1	10	30	50	250	mg/m ³
1662	Direct Black 38; (Apomine black GX)	1937-37-7	25	75	500	500	mg/m ³
1663	Tetrabutylammonium nitrate	1941-27-1	0.075	0.25	1.5	7.5	mg/m ³
1664	Chloroxuron	1982-47-4	2	6	10	500	mg/m ³
1665	Ethanediybis(n-(carboxy-methyl)-glycine), N,N'-1,2-, dipotassium salt	2001-94-7	1.5	5	40	200	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1666	Valinomycin	2001-95-8	0.5	1.5	2.5	2.5	mg/m ³
1667	Methyltriethoxysilane	2031-67-6	6	15	125	600	ppm
1668	Bromoacetaldehyde diethyl acetal	2032-35-1	7.5	25	150	500	mg/m ³
1669	Methiocarb; (Mercaptodimethur)	2032-65-7	3	7.5	15	15	mg/m ³
1670	Toluene d8	2037-26-5	50	200	510	2900	ppm
1671	Thorium oxalate	2040-52-0	42.1	126	210	500	mg/m ³
1672	Di-N-amylamine	2050-92-2	0.06	0.2	1.25	6	ppm
1673	Butyl levulinate	2052-15-5	20	60	400	500	mg/m ³
1674	Tetrabutylammonium hydroxide	2052-49-5	0.06	0.15	1.25	6	mg/m ³
1675	Paraquat methosulfate; (Paraquat dimethyl sulphate)	2074-50-2	0.75	2	15	40	mg/m ³
1676	Phenylsilatrane	2097-19-0	0.2	0.6	1	1	mg/m ³
1677	EPN; (O-Ethyl-O-(4-nitrophenyl) phenylthiophosphonate)	2104-64-5	0.5	0.5	5	5	mg/m ³
1678	Dichlorocyclohexane, 1,1-	2108-92-1	0.25	0.75	6	30	ppm
1679	Aldrithiol-2: (2,2'-Dithiodipyridene)	2127-03-9	10	30	50	250	mg/m ³
1680	Dichlorohexane, 1,2-	2162-92-7	0.25	0.75	6	30	ppm

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1681	Acetonitrile-d3	2206-26-0	40	60	60	500	ppm
1682	Methyl sulfoxide-D6; (Dimethyl-D6-sulfoxide)	2206-27-1	35	100	500	500	mg/m ³
1683	Ethylheptane, 4-	2216-32-2	3	10	60	350	ppm
1684	Cadmium stearate; (Octadecanoic acid, cadmium salt)	2223-93-0	0.0303	0.182	13	54.6	mg/m ³
1685	Nickel(2+) stearate	2223-95-2	10.7	32	53.3	107	mg/m ³
1686	Thiocarbazide; (Thiocarbohydrazide)	2231-57-4	20	60	100	100	mg/m ³
1687	Octachloronaphthalene	2234-13-1	0.1	0.3	0.5	1	mg/m ³
1688	Diglycidyl Ether	2238-07-5	0.1	0.5	10	10	ppm
1689	Nonanenitrile; (1-Octyl cyanide)	2243-27-8	26.8	26.8	30	150	ppm
1690	Butanol, aluminum salt, 2-	2269-22-9	18.3	54.8	91.3	400	mg/m ³
1691	Prothoate; (Isopropyl diethyldithiophosphorylacetamide)	2275-18-5	0.35	1	1.7	7.5	mg/m ³
1692	Iotalamic acid	2276-90-6	0.06	0.15	1.25	500	mg/m ³
1693	Trifluoromethyl iodide; (Iodotrifluoromethane)	2314-97-8	2000	4000	4000	4000	ppm
1694	Spiro(isobenzofuran-1(3H),9'-(9H)xanthen)-3-one, 3',6'-dihydroxy-; (Fluorescein)	2321-07-5	0.4	1.25	7.5	250	mg/m ³
1695	Ethoxyethyl methacrylate, 2-	2370-63-0	4	12.5	75	400	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1696	Mirex; (Perchloropentacyclodecane)	2385-85-5	0.03	0.075	0.6	100	mg/m ³
1697	Ethylmagnesium chloride; (Chloroethyl magnesium)	2386-64-3	10	30	50	250	mg/m ³
1698	Bromoanisole, 99, 3-	2398-37-0	10	30	50	250	mg/m ³
1699	Potassium nitrilotriacetate; (Potassium NTA)	2399-85-1	5	15	100	500	mg/m ³
1700	Magnesium ethoxide	2414-98-4	47.1	141	235	500	mg/m ³
1701	Carbonyldiphthalic anhydride, 4,4'-	2421-28-5	10	30	50	250	mg/m ³
1702	Bis(2,3-epoxypropoxy) butane, 1,4-	2425-79-8	30	100	500	500	mg/m ³
1703	Butyl glycidyl ether, n-	2426-08-6	3	3	5.6	250	ppm
1704	Auramine; (4,4'-(Imidocarbonyl)bis(n,n-dimethylamine) monohydrochloride)	2465-27-2	2.5	7.5	60	60	mg/m ³
1705	Trimethoxysilane	2487-90-3	0.05	0.5	2	5	ppm
1706	Oxydisulfoton	2497-07-6	0.6	2	3.5	3.5	mg/m ³
1707	Dimethyl phosphorochloridothioate	2524-03-0	1.5	4	32	150	mg/m ³
1708	Glycidoxypropyltrimethoxysilane; (3-(2,3-Epoxypropoxy) propyltrimethyl-oxysilane)	2530-83-8	150	400	500	500	mg/m ³
1709	Trimethoxysilylpropyl methacrylate, 3-; (Silane A-174)	2530-85-0	6	15	125	500	mg/m ³
1710	Chloropropyl)trimethoxysilane, 3-; (3-(Trimethoxysilyl)propyl chloride)	2530-87-2	10	30	200	350	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1711	Formothion	2540-82-1	0.05	0.15	0.27	10	mg/m ³
1712	Sulfur hexafluoride	2551-62-4	1000	3000	5000	5000	ppm
1713	Nitrocyclohexene, 1-; (1-Nitrocyclohex-1-ene)	2562-37-0	0.35	1	7.5	40	ppm
1714	Pentadecylamine	2570-26-5	0.1	0.3	2	100	mg/m ³
1715	Sulfonylbis-ethanol, 2,2'-	2580-77-0	1.5	5	35	150	mg/m ³
1716	Methyl demeton methyl; (Phosphorothioic acid, O,O-dimethyl-S-(2-methylthio)ethyl ester)	2587-90-8	4	12.5	20	20	mg/m ³
1717	Formylpiperidine, 1-	2591-86-8	4	10	75	75	ppm
1718	Hydroxybenzotriazole, 1-; (1-Hydroxybenzotriazole hydrate)	2592-95-2	40	125	500	500	mg/m ³
1719	Chloroethylchloromethylsulfide, 2-	2625-76-5	0.0035	0.01	0.02	0.32	ppm
1720	Promecarb; (m-Cym-5-yl methylcarbamate)	2631-37-0	3	10	16	25	mg/m ³
1721	Cyanophos	2636-26-2	1.25	3.5	25	25	mg/m ³
1722	Azinphos ethyl; (Ethyl guthion)	2642-71-9	0.75	2	3.9	150	mg/m ³
1723	Hydrazine hydrochloride; (Hydrazine monochloride)	2644-70-4	0.0075	0.025	0.04	50	mg/m ³
1724	Brilliant blue	2650-18-2	0.06	0.06	0.06	0.06	mg/m ³
1725	Methylphosphonothioic acid-O-(4-nitrophenyl)-O-phenyl ester	2665-30-7	1.5	5	8	8	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1726	Dimethylacrylamide, N,N-	2680-03-7	0.6	1.5	12.5	200	mg/m ³
1727	Cyclotetramethylene tetranitramine; (HMX)	2691-41-0	0.04	0.125	0.75	500	mg/m ³
1728	Nitrosyl chloride	2696-92-6	0.025	0.075	0.5	2.5	ppm
1729	Chlorobenzylidene malonitrile, o-	2698-41-1	0.005	0.005	0.1	3.25	mg/m ³
1730	Sulfuryl fluoride	2699-79-8	5	10	200	200	ppm
1731	Methylphosphonothioic acid-O-ethyl O-(4-(methylthio)phenyl) ester	2703-13-1	2	6	10	10	mg/m ³
1732	Thallos malonate	2757-18-8	0.125	0.375	2	18.7	mg/m ³
1733	Trimethyltriheptylamine, 6,6',6''-; (Triisooctylamine)	2757-28-0	10	15	125	500	mg/m ³
1734	Muscimol; (5-Aminomethyl-3-isoxazole)	2763-96-4	3.5	10	17	20	mg/m ³
1735	Trimethoxyvinylsilane; (Silane, trimethoxyvinyl)	2768-02-7	30	75	300	300	ppm
1736	Vinyltrimethoxysilane; (Ethenyltrimethoxysilane)	2768-02-7	150	400	1000	1000	ppm
1737	Endothion	2778-04-3	3.5	10	17	17	mg/m ³
1738	Ethylene glycol monopropyl ether; (Propyl cellosolve, Ektasolve EP)	2807-30-9	4	12.5	75	1000	ppm
1739	Hydroxyethylidene-1,1-diphosphonic acid, 1-; (Hydroxyethylidine bisphosphonic acid, 1-)	2809-21-4	10	30	50	500	mg/m ³
1740	Sodium glycolate; (Sodium hydroxyacetate)	2836-32-0	10	30	200	750	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1741	Methyldecane, 4-	2847-72-5	1.57	4.7	7.83	40	ppm
1742	Amino-2-methyl-2-propanol, 1-	2854-16-2	10	30	200	500	mg/m ³
1743	Bromotrimethylsilane; (Trimethylsilyl bromide)	2857-97-8	1.5	5	35	150	mg/m ³
1744	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/m ³
1745	Chlorpyrifos; (Dursban)	2921-88-2	0.1	0.6	15	20	mg/m ³
1746	Allyl chlorocarbonate	2937-50-0	0.01	0.03	0.15	0.15	ppm
1747	Phenyltrimethoxysilane	2996-92-1	1.5	4	30	150	mg/m ³
1748	Ammonium citrate, dibasic	3012-65-5	10	10	10	10	mg/m ³
1749	Methylethyl hydroperoxide, 1-; (Isopropyl hydroperoxide)	3031-75-2	0.6	1.5	12.5	60	mg/m ³
1750	Oxybis(n,n-dimethylethanamine), 2,2'-; (Bis(2-dimethylaminoethyl) ether; DMAEE)	3033-62-3	0.05	0.15	15	15	ppm
1751	Aminobutyl)diethoxymethylsilane, (4-	3037-72-7	2	6	45	45	mg/m ³
1752	Phosphonic acid, tridodecyl ester	3076-63-9	12.5	40	250	500	mg/m ³
1753	Ethanol, titanium(4+) salt	3087-36-3	10	30	50	250	mg/m ³
1754	Tetrapropylorthotitanate	3087-37-4	10	30	50	250	mg/m ³
1755	Acetylaminofluorenone, 2-	3096-50-2	0.75	2.5	15	75	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1756	Epibromohydrin	3132-64-7	1.25	3.5	25	125	mg/m ³
1757	Ammonium tartrate; (Diammonium tartrate)	3164-29-2	1.5	5	40	200	mg/m ³
1758	Aminopropylmethyldiethoxysilane, 3-	3179-76-8	15	50	400	500	mg/m ³
1759	Sodium o-benzyl-p-chlorophenate	3184-65-4	10	30	50	250	mg/m ³
1760	Octanedione, 2,5-	3214-41-3	20	60	500	500	mg/m ³
1761	Potassium tetraphenylborate	3244-41-5	1	3	5	25	mg/m ³
1762	Copper nitrate; (Cupric nitrate)	3251-23-8	0.148	0.444	60	295	mg/m ³
1763	Phosphoric acid dimethyl-p-(methylthio)phenyl ester	3254-63-5	1.25	4	7	7	mg/m ³
1764	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/m ³
1765	Trimethylacetyl chloride; (Pivaloyl chloride)	3282-30-2	0.1	0.3	2	10	ppm
1766	Peroxydicarbonic acid, disodium salt	3313-92-6	7.5	25	150	500	mg/m ³
1767	Butanephosphonic acid	3321-64-0	0.02	0.06	0.4	2	mg/m ³
1768	Nickel(II) carbonate (1:1)	3333-67-3	2.02	2.02	2.02	20.2	mg/m ³
1769	Nickel formate	3349-06-2	3.15	3.15	6	31.5	mg/m ³
1770	Dichloroamine; (Chlorimide)	3400-09-7	0.25	0.75	6	30	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1771	Hydroxyphenyl benzothiazole	3411-95-8	35	100	500	500	mg/m ³
1772	Buffer	3418-02-5	10	30	50	250	mg/m ³
1773	Dimethoxybutane, 2,2-	3453-99-4	7.5	20	150	750	ppm
1774	Butanediol dinitrate, 1,4-	3457-91-8	0.05	0.125	0.4	3	ppm
1775	Ammonium citrate tribasic	3458-72-8	10	30	50	250	mg/m ³
1776	Dinitraniline orange; (Hansa orange RN)	3468-63-1	10	30	50	250	mg/m ³
1777	Zinc carbonate	3486-35-9	5	15	100	500	mg/m ³
1778	Trimethylhexane, 2,2,5-	3522-94-9	66.8	66.8	343	1500	ppm
1779	Bis(2-chloroethylthio)ethane, 1,2-; (Sesquimustard)	3563-36-8	0.06	0.15	1.25	6	mg/m ³
1780	Chloropropyl-n-octylsulfoxide, 3-	3569-57-1	1.5	5	8	500	mg/m ³
1781	Dichloro-2-trifluoromethylbenzimidazole, 4,5-; (Chloroflurazole)	3615-21-2	2.5	7.5	13	13	mg/m ³
1782	Xylenol orange tetrasodium salt	3618-43-7	10	30	50	250	mg/m ³
1783	Lead arsenate	3687-31-8	0.012	0.012	0.012	30	mg/m ³
1784	Sulfotep; (TEDP)	3689-24-5	0.2	0.5	3.5	10	mg/m ³
1785	Chlorophacinone	3691-35-8	0.2	0.6	1	1	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1786	Crotonic Acid	3724-65-0	4	12.5	75	400	mg/m ³
1787	Amiton oxalate	3734-97-2	0.6	1.5	3	3	mg/m ³
1788	Methyl phencapton	3735-23-7	2	6	11	100	mg/m ³
1789	Methyl-4-penten-2-one, 4-	3744-02-3	25	25	25	1400	ppm
1790	Potassium chlorate	3811-04-9	12.5	40	300	350	mg/m ³
1791	Fuberidazole	3878-19-1	0.6	2	3.3	125	mg/m ³
1792	Chloroacetic acid, sodium salt	3926-62-3	2.38	7.14	40	40	mg/m ³
1793	Tert-butylpyridine, 4-	3978-81-2	10	30	50	250	mg/m ³
1794	Thiophosphoryl chloride	3982-91-0	1.25	4	25	60	mg/m ³
1795	Bitoscanate; (1,4-Phenylenediisothiocyanic acid)	4044-65-9	4	12.5	20	20	mg/m ³
1796	Di(ethylene glycol) diacrylate	4074-88-8	1	3	20	100	mg/m ³
1797	Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride, 1-(3-	4080-31-3	1	3	20	200	mg/m ³
1798	Tris(2-aminoethyl)amine	4097-89-6	2	6	40	100	mg/m ³
1799	Isophorone diisocyanate	4098-71-9	0.005	0.02	0.135	6	ppm
1800	Phosacetim	4104-14-7	0.75	2	3.7	3.7	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1801	Dichlorosilane	4109-96-0	12.5	35	75	75	ppm
1802	Lithium diisopropylamide; (LDA)	4111-54-0	10	30	50	250	mg.m ³
1803	Ethenylsilanetriol triacetate	4130-08-9	10	30	50	250	mg/m ³
1804	Bis(1,1-dimethylethyl)-4-ethylphenol, 2,6-	4130-42-1	4	12.5	75	400	mg/m ³
1805	Dimethylammonium N,N-dimethylcarbamate	4137-10-4	1.5	5	35	150	mg/m ³
1806	Crotonaldehyde	4170-30-3	0.19	0.19	4.4	14	ppm
1807	Diethylene glycol di(3-aminopropyl) ether; (Polyglycol diamine)	4246-51-9	15	50	350	500	mg/m ³
1808	Methyltriacetoxysilane	4253-34-3	7.5	25	150	500	mg/m ³
1809	Diisopropylamino)ethyl chloride hydrochloride, 2-(-	4261-68-1	0.0125	0.035	0.25	1.25	mg/m ³
1810	Fluenetil	4301-50-2	1.25	3.5	6	6	mg/m ³
1811	Bromomethyl-1,3-dioxolane, 2-	4360-63-8	7.5	25	150	500	mg/m ³
1812	Thiobis(4-chloro-6-methyl)phenol, 2,2'-	4418-66-0	0.25	0.75	1.3	1.3	mg/m ³
1813	Trimethoxysilyl-1-Propanethiol, 3-; (3-Mercaptopropyltrimethoxysilane)	4420-74-0	3	7.5	60	300	mg/m ³
1814	Morpholino)ethanesulfonic acid monohydrate, 2-(N-	4432-31-9	1.25	4	25	125	mg/m ³
1815	Butylene carbonate; (1,2-Butanediol, cyclic carbonate)	4437-85-8	20	60	400	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1816	Cyclohexylethanol, 2-	4442-79-9	4	10	75	400	mg/m ³
1817	Lithium stearate	4485-12-5	60	150	500	500	mg/m ³
1818	Tetrapropylammonium hydroxide	4499-86-9	0.15	0.5	3.5	15	mg/m ³
1819	Dimethylaminoethyl chloride hydrochloride, 2-	4584-46-7	0.6	2	15	100	mg/m ³
1820	Farnesol	4602-84-0	25	75	500	500	mg/m ³
1821	Chlorobutyryl chloride, 4-	4635-59-0	2.5	7.5	50	250	mg/m ³
1822	Paraquat	4685-14-7	0.15	0.15	0.15	150	mg/m ³
1823	Triazine-1,3,5(2H,4H,6H)-triethanol, s-; (Onyxide 200)	4719-04-4	3	10	60	350	mg/m ³
1824	Trioctylphosphine; (Tri-n-octylphosphine)	4731-53-7	0.5	1.5	10	50	mg/m ³
1825	Dibutylhexamethylenediamine, N,N'-	4835-11-4	1	3	22	75	mg/m ³
1826	Dimethyl-2-pentene, (E)-3,4-	4914-92-5	0.4	1.25	7.5	40	ppm
1827	Sodium cyclopentadienylide; (Cyclopentadienyl sodium)	4984-82-1	10	30	50	250	mg/m ³
1828	Aminopyrazine	5049-61-6	0.5	1.5	2.5	5	ppm
1829	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/m ³
1830	Methylene bis(4-isocyanatocyclohexane), 1,1'-	5124-30-1	0.005	0.005	0.01	0.15	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1831	Methyltrioctylammonium chloride	5137-55-3	0.75	2.5	20	100	mg/m ³
1832	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/m ³
1833	Zinc carbonate hydroxide	5263-02-5	10	30	50	250	mg/m ³
1834	Tetraoxatetracosan-1-ol, 3,6,9,12-; ((Laurel alcohol tri(oxyethylene) ethanol; BRIJ 30)	5274-68-0	10	30	50	250	mg/m ³
1835	Sulfamic acid	5329-14-6	12.5	40	250	500	mg/m ³
1836	Methoxypropylamine, 3-; (3-MPA)	5332-73-0	5	15	15	40	ppm
1837	Hydrazine, dihydrochloride	5341-61-7	25	75	500	500	mg/m ³
1838	Chlorophenyl thiourea, 2-	5344-82-1	0.75	2.5	4.6	4.6	mg/m ³
1839	Pigment yellow 14	5468-75-7	20	60	400	500	mg/m ³
1840	Hydroxylamine chloride; (Hydroxylamine hydrochloride)	5470-11-1	10	35	60	60	mg/m ³
1841	Nitropyrene, 1-	5522-43-0	0.1	0.3	2	10	mg/m ³
1842	Tetrabutyl ammonium phosphate	5574-97-0a	10	30	50	250	mg/m ³
1843	Tetrabutyl titanate; (Butyl titanate)	5593-70-4	0.75	2.5	20	100	ppm
1844	Sulfur pentafluoride	5714-22-7	0.01	0.01	0.01	1	ppm
1845	Carbethoxyethylidine(triphenylphosphorane)	5717-37-3	10	30	50	250	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1846	Calcium oxalate, hydrate	5794-28-5	10	30	50	250	mg/m ³
1847	Dihydroxynaphthalene-2,7-disulfonic acid, disodium salt dihydrate, 4,5-	5808-22-0	10	30	50	250	mg/m ³
1848	Mustard gas sulfoxide; (bis(2-chloroethyl)-sulfoxide)	5819-08-9	0.4	1.25	7.5	40	mg/m ³
1849	Coumatetralyl; (Endroicide)	5836-29-3	3	10	16.5	16.5	mg/m ³
1850	Citric acid monohydrate	5949-29-1	1.5	4	30	150	mg/m ³
1851	Sorbitan monolaurate; (D-Glucitol,-1,4-anhydro-, -6-dodecanoate-)	5959-89-7	10	30	50	250	mg/m ³
1852	Tetrapotassium ethylenediaminetetraacetate; (EDTA tetrapotassium salt)	5964-35-2	4	15	75	400	mg/m ³
1853	Lactose, beta-D; (beta-D-Glucopyranose)	5965-66-2	10	30	50	250	mg/m ³
1854	Sulfosalicylic acid, dihydrate, crystal	5965-83-3	7.5	20	150	500	mg/m ³
1855	Sodium carbonate monohydrate	5968-11-6	1.5	5	35	150	mg/m ³
1856	Zinc acetate dihydrate	5970-45-6	25	75	350	350	mg/m ³
1857	Ammonium oxalate monohydrate	5972-73-6	1.5	4	30	150	mg/m ³
1858	Limonene, d-	5989-27-5	30	90	150	350	ppm
1859	Gallic acid monohydrate	5995-86-8	15	50	350	500	mg/m ³
1860	Sodium glycinate	6000-44-8	1	3.5	25	125	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1861	Ammonium oxalate; (Ammonium oxalate hydrate)	6009-70-7	1.5	4	30	150	mg/m ³
1862	Nickel acetate tetrahydrate	6018-89-9	4.24	4.24	4.24	42.4	mg/m ³
1863	Nickel oxalate (liquids)	6018-94-6a	2.5	2.5	2.5	25	mg/m ³
1864	Nickel oxalate (solids)	6018-94-6b	2.5	2.5	2.5	25	mg/m ³
1865	Pentanol, 2-; (sec-amyl alcohol; Methyl propyl carbinol; Isoamyl alcohol, secondary)	6032-29-7	100	125	125	500	ppm
1866	Copper(II) acetate monohydrate	6046-93-1	0.314	7.5	60	300	mg/m ³
1867	Tantalum(V) ethoxide	6074-84-6	10	30	50	250	mg/m ³
1868	Lead acetate(II), trihydrate; (Bis(acetato)trihydroxytrilead)	6080-56-4	0.0915	0.275	100	183	mg/m ³
1869	Phloroglucinol dihydrate	6099-90-7	4	12.5	75	400	mg/m ³
1870	Potassium citrate, monohydrate	6100-05-6	10	30	50	250	mg/m ³
1871	Sodium succinate, hexahydrate	6106-21-4	35	100	500	500	mg/m ³
1872	Sodium tartrate dihydrate	6106-24-7	5	15	100	500	mg/m ³
1873	Lithium acetate dihydrate	6108-17-4	12.5	35	250	500	mg/m ³
1874	Sodium acetate trihydrate; (Acetic acid, sodium salt trihydrate)	6131-90-4	15	40	300	500	mg/m ³
1875	Citric acid, trisodium salt, dihydrate	6132-04-3	6	20	125	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1876	Cobalt acetate tetrahydrate; (Cobaltous acetate tetrahydrate)	6147-53-1	3	7.5	60	300	mg/m ³
1877	Oxalic acid, dihydrate	6153-56-6	1	2	500	500	mg/m ³
1878	Acetic acid, manganese(2+) salt, tetrahydrate	6156-78-1	0.892	2.68	22.3	500	mg/m ³
1879	Toluenesulphonic acid monohydrate, para; (4-Methylbenzenesulphonic acid monohydrate)	6192-52-5	10	30	200	500	mg/m ³
1880	Phenylxylylethane; (PXE)	6196-95-8	10	30	50	250	mg/m ³
1881	Barium diphenylamine sulfonate	6211-24-1	2.31	6.92	11.5	231	mg/m ³
1882	Hypophosphorus acid; (Phosphinic acid)	6303-21-5	10	30	50	250	mg/m ³
1883	Carbazole violet	6358-30-1	75	250	500	500	mg/m ³
1884	Sodium potassium tartrate tetrahydrate	6381-59-5	20	60	400	500	mg/m ³
1885	Ethylenediaminetetraacetic acid, disodium salt, dihydrate	6381-92-6	10	30	50	250	mg/m ³
1886	Dinitro-p-toluidine, 2,6-; (4-Amino-3,5-dinitrotoluene)	6393-42-6	2.5	7.5	50	250	mg/m ³
1887	Dipentyl pentylphosphonate	6418-56-0	25	75	500	500	mg/m ³
1888	Propylene glycol dinitrate	6423-43-4	0.05	0.05	0.1	15	ppm
1889	Ammonium nitrate	6484-52-2	10	10	10	500	mg/m ³
1890	Lanthanum carbonate	6487-39-4	10	30	50	250	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1891	Potassium oxalate monohydrate	6487-48-5	7.5	25	150	500	mg/m ³
1892	Thallium(I) carbonate (2:1)	6533-73-9	0.4	1.25	2	10	mg/m ³
1893	Chlorocyclohexanol, trans-2-	6628-80-4	3.5	10	75	400	mg/m ³
1894	Diazabicyclo(5.4.0.)undec-7-ene, 1,8-	6674-22-2	1.5	5	35	150	mg/m ³
1895	Sodium silicate; (Sodium metasilicate)	6834-92-0	40	100	500	500	mg/m ³
1896	Dimethoxydiphenylsilane	6843-66-9	0.15	0.5	3.5	15	mg/m ³
1897	Amino-2-(hydroxymethyl)-1,3-propanediol, 2-, acetate salt; (Trizma acetate)	6850-28-8	25	75	500	500	mg/m ³
1898	Barium stearate	6865-35-6	10	30	200	500	mg/m ³
1899	Dithioerythritol, 1,4-	6892-68-8	1.25	4	25	125	mg/m ³
1900	Benzylmagnesium chloride	6921-34-2	1.5	5	35	150	mg/m ³
1901	Dichloropropene, cis-1,2-; (1,2-dichloro-1-propene, (Z)-)	6923-20-2	1.5	5	40	200	ppm
1902	Monocrotophos	6923-22-4	0.05	0.15	0.63	25	mg/m ³
1903	Chlorophenyl phenyl ether, 4-	7005-72-3	0.0025	0.0075	0.05	0.25	mg/m ³
1904	Polydimethyl siloxanes	7013-67-8	500	500	500	500	mg/m ³
1905	Chlorosoman; (o-Pinacolyl methylphosphonochloridate)	7040-57-5	0.03	0.075	0.6	3	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1906	Diisopropylethylamine, n,n-	7087-68-5	2	6	40	200	ppm
1907	Phenyl-2-oxzaoline, 2-	7127-19-7	1	3	5	25	ppm
1908	Pyridine-D5	7291-22-7	5	15	25	100	ppm
1909	Nonoxynol-4	7311-27-5	10	30	50	250	mg/m ³
1910	Potassium pyrophosphate; (Tetrapotassium diphosphate)	7320-34-5	10	30	500	500	mg/m ³
1911	Aluminum acetate, basic	7360-44-3	8.9	26.7	44.5	200	mg/m ³
1912	Hydroxyethyl)-1-piperazineethanesulfonic acid, 4-(2-	7365-45-9	1.25	4	25	125	mg/m ³
1913	Dihexyl((diethylcarbamoyl)methyl)phosphonate; (Dihexyl-N,N-diethylcarbamoylmethyl phosphonate)	7369-66-6	4	12.5	75	400	mg/m ³
1914	Diallyldimethylammonium chloride	7398-69-8	25	75	500	500	mg/m ³
1915	Aluminum (powder)	7429-90-5	15	30	50	250	mg/m ³
1916	Dysprosium	7429-91-6	10	30	50	250	mg/m ³
1917	Iridium	7439-88-5	6	20	125	500	mg/m ³
1918	Iron	7439-89-6	1.5	4	30	500	mg/m ³
1919	Krypton	7439-90-9	65000	65000	230000	400000	ppm
1920	Lanthanum	7439-91-0	10	30	50	250	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1921	Lead	7439-92-1	0.05	0.15	0.25	100	mg/m ³
1922	Lithium	7439-93-2	10	30	50	400	mg/m ³
1923	Lutetium	7439-94-3	1.5	5	35	150	mg/m ³
1924	Magnesium	7439-95-4	10	30	50	250	mg/m ³
1925	Manganese	7439-96-5	0.2	3	5	500	mg/m ³
1926	Mercury vapor	7439-97-6	0.025	0.1	1.7	8.9	mg/m ³
1927	Molybdenum	7439-98-7	10	30	50	500	mg/m ³
1928	Neodymium	7440-00-8	0.00075	0.0025	0.02	0.1	mg/m ³
1929	Neon	7440-01-9	65000	65000	230000	400000	ppm
1930	Nickel	7440-02-0	1	4.5	10	10	mg/m ³
1931	Niobium	7440-03-1	40	125	500	500	mg/m ³
1932	Osmium	7440-04-2	0.25	0.75	6	30	mg/m ³
1933	Palladium	7440-05-3	10	30	50	200	mg/m ³
1934	Platinum	7440-06-4	1	3	4	4	mg/m ³
1935	Potassium	7440-09-7	2	2	2	10	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1936	Praseodymium	7440-10-0	1.5	5	35	150	mg/m ³
1937	Rhodium	7440-16-6	0.1	3	5	100	mg/m ³
1938	Rubidium	7440-17-7	5	15	100	500	mg/m ³
1939	Ruthenium	7440-18-8	10	30	50	250	mg/m ³
1940	Samarium	7440-19-9	10	30	50	250	mg/m ³
1941	Scandium	7440-20-2	10	30	50	250	mg/m ³
1942	Silicon	7440-21-3	15	30	250	500	mg/m ³
1943	Silver	7440-22-4	0.01	0.3	0.5	10	mg/m ³
1944	Sodium	7440-23-5	0.5	0.5	5	50	mg/m ³
1945	Strontium	7440-24-6	10	30	50	250	mg/m ³
1946	Tantalum	7440-25-7	5	10	500	500	mg/m ³
1947	Terbium	7440-27-9	1.5	5	35	150	mg/m ³
1948	Thallium	7440-28-0	0.1	0.3	2	15	mg/m ³
1949	Thorium	7440-29-1	0.2	0.6	4	20	mg/m ³
1950	Thulium	7440-30-4	10	30	50	250	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1951	Tin	7440-31-5	2	6	100	100	mg/m ³
1952	Titanium	7440-32-6	10	30	50	50	mg/m ³
1953	Tungsten	7440-33-7	5	10	10	500	mg/m ³
1954	Antimony	7440-36-0	0.5	1.5	50	50	mg/m ³
1955	Argon	7440-37-1a	65000	65000	230000	400000	ppm
1956	Argon, cryogenic	7440-37-1b	65000	65000	230000	400000	ppm
1957	Arsenic (organic compounds as As)	7440-38-2	0.5	1.5	2.5	350	mg/m ³
1958	Barium	7440-39-3	0.5	1.5	50	250	mg/m ³
1959	Beryllium	7440-41-7	0.002	0.005	0.025	0.1	mg/m ³
1960	Boron	7440-42-8	2.5	7.5	50	250	mg/m ³
1961	Cadmium & compounds	7440-43-9	0.005	0.03	1.25	9	mg/m ³
1962	Carbon; (Graphite, synthetic)	7440-44-0	2	6	10	500	mg/m ³
1963	Cerium	7440-45-1	10	30	50	250	mg/m ³
1964	Cesium	7440-46-2	6	20	150	500	mg/m ³
1965	Chromium	7440-47-3	1	1.5	2.5	250	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1966	Cobalt	7440-48-4	0.1	3	20	20	mg/m ³
1967	Copper	7440-50-8	1	1	1	100	mg/m ³
1968	Europium	7440-53-1	10	30	50	250	mg/m ³
1969	Gadolinium	7440-54-2	500	500	500	500	mg/m ³
1970	Gallium	7440-55-3	10	30	50	250	mg/m ³
1971	Germanium	7440-56-4	0.0125	0.035	0.25	500	mg/m ³
1972	Gold	7440-57-5	7.5	25	100	100	mg/m ³
1973	Hafnium	7440-58-6	0.5	1.5	2.5	50	mg/m ³
1974	Helium	7440-59-7	65000	65000	230000	400000	ppm
1975	Holmium	7440-60-0	7.5	25	150	500	mg/m ³
1976	Uranium	7440-61-1	0.05	0.6	2	10	mg/m ³
1977	Vanadium	7440-62-2	0.05	0.15	0.5	35	mg/m ³
1978	Xenon	7440-63-3	65000	65000	230000	400000	ppm
1979	Yttrium	7440-65-5	1	3	5	25	mg/m ³
1980	Zinc	7440-66-6	10	30	50	200	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1981	Zirconium and compounds (as Zr)	7440-67-7	5	10	10	25	mg/m ³
1982	Bismuth	7440-69-9	1.5	5	40	200	mg/m ³
1983	Calcium	7440-70-2	10	30	50	250	mg/m ³
1984	Indium	7440-74-6	0.1	0.1	0.6	3.5	mg/m ³
1985	Tellurium oxide; (Tellurium dioxide)	7446-07-3	0.125	0.375	5	31.3	mg/m ³
1986	Selenium dioxide	7446-08-4	0.281	0.843	1.4	1.4	mg/m ³
1987	Sulfur dioxide	7446-09-5	0.2	0.2	0.75	30	ppm
1988	Sulfur trioxide	7446-11-9	0.06	0.2	8.7	160	mg/m ³
1989	Lead sulfate; (Lead(II) sulfate (1:1))	7446-14-2	0.0732	0.2196	30	146	mg/m ³
1990	Thallium(I) sulfate; (Sulfuric acid, dithallium(1+) salt)	7446-18-6	0.0002	0.0006	0.004	0.006	mg/m ³
1991	Zinc sulfate heptahydrate (1:1:7)	7446-20-0	100	200	200	200	mg/m ³
1992	Lead phosphate	7446-27-7	0.0653	0.196	30	150	mg/m ³
1993	Selenium monosulfide	7446-34-6	0.281	0.844	12.5	15	mg/m ³
1994	Aluminum chloride	7446-70-0	9.88	9.88	60	500	mg/m ³
1995	Copper(II) chloride (1:2); (Cupric chloride)	7447-39-4	0.106	0.317	0.529	3	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
1996	Potassium chloride	7447-40-7	1.5	5	15	15	mg/m ³
1997	Lithium chloride	7447-41-8	0.5	1.5	10	60	mg/m ³
1998	Magnesium sulfate (1:1)	7487-88-9	0.5	1.5	10	125	mg/m ³
1999	Mercury(II) chloride	7487-94-7	0.0338	0.135	13.5	13.5	mg/m ³
2000	Tin(II) sulfate; (Stannous sulfate)	7488-55-3	3.62	10.9	18.1	500	mg/m ³
2001	Selenium sulfide; (Selenium(IV) disulfide (1:2))	7488-56-4	0.362	1.09	1.81	60	mg/m ³
2002	Mercurous chloride (see also MCY300)	7546-30-7	0.0294	0.0883	0.118	11.8	mg/m ³
2003	Lithium bromide	7550-35-8	1	7	15	500	mg/m ³
2004	Titanium tetrachloride	7550-45-0	0.0645	0.64489	1	5.7	ppm
2005	Iodine	7553-56-2	0.1	0.1	0.5	5	ppm
2006	Sodium phosphate, dibasic	7558-79-4	60	200	500	500	mg/m ³
2007	Sodium phosphate, monobasic	7558-80-7	35	100	500	500	mg/m ³
2008	Dichloroacetylene	7572-29-4	0.1	0.1	4	4	ppm
2009	Lithium hydride	7580-67-8	0.025	0.025	0.1	0.5	mg/m ³
2010	Sodium phosphate, tribasic	7601-54-9	1.5	5	500	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2011	Sodium perchlorate	7601-89-0	10	30	50	500	mg/m ³
2012	Perchloric acid	7601-90-3	1	3.5	20	100	ppm
2013	Perchloryl fluoride; (Chlorine oxyfluoride)	7616-94-6	3	6	20	100	ppm
2014	Silica amorphous hydrated	7631-86-9	6	30	50	500	mg/m ³
2015	Sodium arsenate	7631-89-2	0.0271	7.5	13.5	13.5	mg/m ³
2016	Sodium bisulfite	7631-90-5	5	15	25	500	mg/m ³
2017	Sodium dithionate dihydrate	7631-94-9	10	30	50	250	mg/m ³
2018	Molybdic acid, disodium salt; (Disodium molybdate)	7631-95-0	10.7	10.7	10.7	500	mg/m ³
2019	Dodecylsarcosine sodium salt, N-; (N-laurel sarcosine sodium salt)	7631-98-3	1.5	4	30	150	mg/m ³
2020	Sodium nitrate	7631-99-4	0.4	1	7.5	100	mg/m ³
2021	Sodium nitrite	7632-00-0	0.04	0.125	1	60	mg/m ³
2022	Perboric acid, sodium salt	7632-04-4	0.5	1.5	10	500	mg/m ³
2023	Sodium phosphate	7632-05-5	0.75	2.5	15	75	mg/m ³
2024	Ammonium citrate	7632-50-0	10	10	30	150	mg/m ³
2025	Vanadium tetrachloride	7632-51-1	0.6	2	12.5	60	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2026	Ceric ammonium sulfate	7637-03-8	42.9	129	214	500	mg/m ³
2027	Boron trifluoride	7637-07-2	2	2	30	100	mg/m ³
2028	Sodium hydride	7646-69-7	10	10	10	10	mg/m ³
2029	Stannic chloride; (Tin(IV) chloride; Tin(IV) tetrachloride)	7646-78-8	4.39	4.39	5	219	mg/m ³
2030	Cobalt chloride	7646-79-9	0.0441	0.132	25	500	mg/m ³
2031	Zinc chloride	7646-85-7	2.08	4.17	40	40	mg/m ³
2032	Potassium bisulfate	7646-93-7	10	30	200	500	mg/m ³
2033	Hydrogen chloride; (Hydrochloric acid)	7647-01-0	0.5	1.8	22	100	ppm
2034	Palladium chloride	7647-10-1	0.15	0.4	3	500	mg/m ³
2035	Sodium chloride	7647-14-5	15	40	300	500	mg/m ³
2036	Sodium bromide	7647-15-6	1.5	5	35	500	mg/m ³
2037	Cesium chloride	7647-17-8	0.4	1.25	10	500	mg/m ³
2038	Antimony pentachloride	7647-18-9	1.23	3.68	6.14	123	mg/m ³
2039	Phosphorous pentafluoride	7647-19-0	0.644	1.5	12.5	64.4	ppm
2040	Phosphoric acid	7664-38-2	1	3	500	500	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2041	Hydrogen fluoride; (Hydrofluoric acid)	7664-39-3	1	1	24	44	ppm
2042	Ammonia	7664-41-7	25	30	160	1100	ppm
2043	Sulfuric acid	7664-93-9	0.2	0.2	8.7	160	mg/m ³
2044	Potassium iodide	7681-11-0	0.25	0.75	6	300	mg/m ³
2045	Sodium bisulfate; (Sodium acid sulfate)	7681-38-1	1.25	3.5	25	125	mg/m ³
2046	Sodium fluoride	7681-49-4	5.53	5.53	5.53	75	mg/m ³
2047	Sodium hypochlorite	7681-52-9	0.6	2	50	500	mg/m ³
2048	Sodium hypophosphite	7681-53-0	6	20	125	500	mg/m ³
2049	Sodium iodate	7681-55-2	2	6	40	200	mg/m ³
2050	Sodium metabisulfite	7681-57-4	5	15	25	100	mg/m ³
2051	Sodium iodide	7681-82-5	0.75	2.5	15	500	mg/m ³
2052	Potassium hydride	7693-26-7	1.5	5	35	150	mg/m ³
2053	Nitric acid WFNA; (ERPGs for "white fuming")	7697-37-2	0.53	0.53	24	92	ppm
2054	Deuteriochloric acid; (Deuterium chloride)	7698-05-7	2	2	5	50	ppm
2055	Silicic acid	7699-41-4	10	10	75	400	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2056	Zirconyl chloride; (Zirconium oxychloride)	7699-43-6	9.76	19.5	97.6	97.6	mg/m ³
2057	Zinc bromide	7699-45-8	10	30	50	200	mg/m ³
2058	Sulfur	7704-34-9	0.125	0.4	2.5	12.5	mg/m ³
2059	Titanium hydride	7704-98-5	1.5	5	35	150	mg/m ³
2060	Zirconium hydride	7704-99-6	5.11	10.2	25.6	25.6	mg/m ³
2061	Titanium chloride	7705-07-9	0.5	1.5	10	50	mg/m ³
2062	Ferric chloride	7705-08-0	2.9	3.5	25	125	mg/m ³
2063	Nickel chloride; (Nickelous chloride)	7718-54-9	2.21	2.21	2.21	22.1	mg/m ³
2064	Thionyl chloride	7719-09-7	0.2	0.2	2	10	ppm
2065	Phosphorus trichloride	7719-12-2	0.34	0.34	2	5.6	ppm
2066	Ferrous sulfate	7720-78-7	2.72	8.16	13.6	350	mg/m ³
2067	Potassium permanganate	7722-64-7	0.575	8.63	14.4	125	mg/m ³
2068	Ammonium dihydrogen phosphate; (Monoammonium phosphate)	7722-76-1	15	50	350	500	mg/m ³
2069	Hydrogen peroxide	7722-84-1	1	10	50	100	ppm
2070	Hydrogen peroxide - 30%	7722-84-1a	10	33.3	167	333	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2071	Tetrasodium pyrophosphate	7722-88-5	5	15	25	500	mg/m ³
2072	Phosphorus (red)	7723-14-0	0.04	0.125	0.75	4	mg/m ³
2073	Bromine	7726-95-6	0.033	0.033	0.24	8.5	ppm
2074	Vanadium, trichlorooxo	7727-18-6	0.075	0.25	1.5	7.5	ppm
2075	Potassium persulfate; (Dipotassium persulfate)	7727-21-1	0.1	0.3	60	350	mg/m ³
2076	Nitrogen	7727-37-9	65000	65000	230000	400000	ppm
2077	Barium sulfate	7727-43-7	15	30	350	500	mg/m ³
2078	Ammonium persulfate	7727-54-0	0.1	0.3	20	100	mg/m ³
2079	Buffer solution, aqueous	7732-18-5	500	500	500	500	mg/m ³
2080	Zinc sulfate	7733-02-0	0.15	0.5	3.5	500	mg/m ³
2081	Chromic(VI) acid	7738-94-5	0.0113	0.339	6	34	mg/m ³
2082	Potassium nitrate	7757-79-1	1	3.5	20	500	mg/m ³
2083	Sodium sulfate, anhydrous	7757-82-6	10	30	500	500	mg/m ³
2084	Sodium sulfite	7757-83-7	10	30	50	100	mg/m ³
2085	Potassium bromate	7758-01-2	0.1	0.3	60	60	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2086	Potassium bromide	7758-02-3	12.5	40	250	500	mg/m ³
2087	Potassium iodate	7758-05-6	20	60	60	60	mg/m ³
2088	Potassium nitrite	7758-09-0	0.04	0.1	0.75	500	mg/m ³
2089	Potassium phosphate, dibasic	7758-11-4	10	30	50	250	mg/m ³
2090	Sodium pyrophosphate, di-	7758-16-9	10	30	200	500	mg/m ³
2091	Sodium chlorite	7758-19-2	0.75	2.5	15	75	mg/m ³
2092	Sodium tripolyphosphate	7758-29-4	10	30	50	500	mg/m ³
2093	Cerium fluoride	7758-88-5	8.65	25.9	43.2	500	mg/m ³
2094	Copper(I) chloride; (Cuprous chloride)	7758-89-6	0.0779	0.234	0.4	60	mg/m ³
2095	Ferrous chloride	7758-94-3	2.27	6.81	11.3	200	mg/m ³
2096	Lead chloride	7758-95-4	0.0671	0.201	7.5	134	mg/m ³
2097	Lead chromate	7758-97-6	0.0311	0.186	1	93.2	mg/m ³
2098	Copper sulfate	7758-98-7	2.51	2.51	6	40	mg/m ³
2099	Copper(II) sulfate pentahydrate	7758-99-8	0.393	1.18	150	200	mg/m ³
2100	Strontium sulfate	7759-02-6	10	30	50	250	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2101	Magnesium carbonate hydroxide	7760-50-1	10	30	50	250	mg/m ³
2102	Silver nitrate	7761-88-8	0.0157	15.7	15.7	15.7	mg/m ³
2103	Sodium thiosulfate	7772-98-7	10	30	50	500	mg/m ³
2104	Stannous chloride; (Tin(II) chloride (1:2))	7772-99-8	3.19	9.58	16	160	mg/m ³
2105	Manganese(II) chloride (1:2); (Manganous chloride)	7773-01-5	0.458	6.87	11.5	100	mg/m ³
2106	Ammonium sulfamate	7773-06-0	10	30	50	500	mg/m ³
2107	Mercuric iodide; (Mercury(II) iodide)	7774-29-0	0.0566	0.17	0.227	22.7	mg/m ³
2108	Calcium chloride hexahydrate	7774-34-7	5	15	100	500	mg/m ³
2109	Chloric acid, sodium salt; (Sodium chlorate)	7775-09-9	0.15	0.4	3	75	mg/m ³
2110	Sodium chromate(VI); (Disodium chromate)	7775-11-3	0.0156	0.125	0.75	46.7	mg/m ³
2111	Sodium hydrosulfite	7775-14-6	10	30	50	250	mg/m ³
2112	Sodium metaborate	7775-19-1	6.18	18.5	30.9	500	mg/m ³
2113	Sodium persulfate	7775-27-1	0.1	0.3	20	100	mg/m ³
2114	Calcium sulfate anhydrous; (Drierite)	7778-18-9a	15	30	50	250	mg/m ³
2115	Calcium sulfate; (Gypsum; Plaster of Paris)	7778-18-9b	15	30	50	250	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2116	Arsenic acid; (o-arsenic acid)	7778-39-4	0.0189	0.4	3	9.5	mg/m ³
2117	Calcium arsenate	7778-44-1	2	6	10	10	mg/m ³
2118	Potassium dichromate	7778-50-9	0.0141	1.5	10	42.4	mg/m ³
2119	Potassium phosphate, tribasic	7778-53-2	10	30	50	500	mg/m ³
2120	Calcium hypochlorite; (Calcium oxychloride)	7778-54-3	3.5	10	75	350	mg/m ³
2121	Potassium perchlorate	7778-74-7	125	400	500	500	mg/m ³
2122	Potassium phosphate, monobasic	7778-77-0	10	30	50	500	mg/m ³
2123	Potassium sulfate (2:1); (Dipotassium sulfate)	7778-80-5	2	6	40	500	mg/m ³
2124	Zinc nitrate	7779-88-6	10	10	10	10	mg/m ³
2125	Zinc phosphate (3:2)	7779-90-0	2	6	50	250	mg/m ³
2126	Deuterium	7782-39-0	65000	65000	230000	400000	ppm
2127	Diamond	7782-40-3	7.5	20	150	500	mg/m ³
2128	Fluorine	7782-41-4	0.1	1.7	5	13	ppm
2129	Graphite; (Mineral carbon)	7782-42-5	2	6	10	500	mg/m ³
2130	Oxygen (liquid)	7782-44-7					ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2131	Selenium	7782-49-2	0.2	0.6	1	1	mg/m ³
2132	Chlorine	7782-50-5	0.5	0.5	2	20	ppm
2133	Ferric nitrate nonahydrate; (Iron(III) nitrate nonahydrate (1:3:9))	7782-61-8	7.24	21.72	250	500	mg/m ³
2134	Ferrous sulfate heptahydrate	7782-63-0	4.98	14.9	25	500	mg/m ³
2135	Germane; (Germanium tetrahydride)	7782-65-2	0.2	0.6	1	150	ppm
2136	Iodic acid	7782-68-5	0.139	0.139	0.139	2.77	mg/m ³
2137	Nitrous acid	7782-77-6	1	3	15	200	mg/m ³
2138	Nitrosylsulfuric acid	7782-78-7	1.5	5	35	150	mg/m ³
2139	Sodium phosphate, dibasic, heptahydrate	7782-85-6	50	150	500	500	mg/m ³
2140	Mercurous nitrate monohydrate	7782-86-7	0.0351	0.14	0.14	14	mg/m ³
2141	Molybdic acid	7782-91-4	8.44	8.44	8.44	500	mg/m ³
2142	Sulfurous acid	7782-99-2	0.0125	0.04	0.3	1.5	mg/m ³
2143	Selenious acid	7783-00-8	0.327	0.98	1.6	1.6	mg/m ³
2144	Tungstic acid	7783-03-1	6.8	13.6	13.6	13.6	mg/m ³
2145	Hydrogen sulfide	7783-06-4	0.51	0.51	27	50	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2146	Hydrogen selenide	7783-07-5	0.05	0.1	0.73	2.2	ppm
2147	Ammonium sulfite monohydrate	7783-11-1	10	30	50	250	mg/m ³
2148	Ammonium thiosulfate; (Ammonium hyposulfite)	7783-18-8	10	30	50	500	mg/m ³
2149	Ammonium sulfate	7783-20-2	40	125	500	500	mg/m ³
2150	Ammonium phosphate dibasic	7783-28-0	10	30	50	250	mg/m ³
2151	Mercury(II) nitrate monohydrate	7783-34-8	0.0427	0.128	0.171	17.1	mg/m ³
2152	Mercuric sulfate; (Mercury(II) sulfate)	7783-35-9	0.037	0.148	0.148	14.8	mg/m ³
2153	Magnesium fluoride	7783-40-6	4.1	12.3	20.5	410	mg/m ³
2154	Oxygen difluoride; (Fluorine monoxide)	7783-41-7	0.05	0.05	0.05	0.5	ppm
2155	Lead fluoride	7783-46-2	0.0592	0.178	12.5	118	mg/m ³
2156	Zinc fluoride	7783-49-5	6.8	6.8	20	100	mg/m ³
2157	Ferric fluoride	7783-50-8	14.8	40	300	500	mg/m ³
2158	Gallium trifluoride	7783-51-9	5.56	16.7	27.8	125	mg/m ³
2159	Nitrogen trifluoride	7783-54-2	10	60	400	800	ppm
2160	Phosphorous trifluoride	7783-55-3	1.07	3	20	107	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2161	Antimony trifluoride	7783-56-4	0.734	0.734	4	73.4	mg/m ³
2162	Germanium tetrafluoride	7783-58-6	4.89	12.5	100	489	mg/m ³
2163	Sulfur tetrafluoride	7783-60-0	0.1	0.1	2.08	2.08	ppm
2164	Silicon tetrafluoride; (Tetrafluorosilane)	7783-61-1	0.805	35	110	110	ppm
2165	Zirconium fluoride	7783-64-4	9.17	18.3	18.3	45.8	mg/m ³
2166	Antimony pentafluoride	7783-70-2	0.89	0.89	2.7	89	mg/m ³
2167	Tantalum(V) fluoride	7783-71-3	7.26	21.8	36.3	100	mg/m ³
2168	Selenium hexafluoride	7783-79-1	0.122	0.367	0.611	4.9	ppm
2169	Tellurium hexafluoride	7783-80-4	0.0379	0.101	0.101	1.89	ppm
2170	Uranium hexafluoride; (Uranium fluoride)	7783-81-5	0.0739	3.6	9.6	36	mg/m ³
2171	Tungsten hexafluoride	7783-82-6	1.62	4.86	75	405	mg/m ³
2172	Ferric ammonium sulfate dodecahydrate	7783-83-7	8.64	25.9	43.2	200	mg/m ³
2173	Ammonium ferrous sulfate hexahydrate	7783-85-9	3.19	9.56	15.9	500	mg/m ³
2174	Silver chloride	7783-90-6	0.0133	0.0399	0.0664	13.3	mg/m ³
2175	Silver nitrite; (Silver(I) nitrite)	7783-99-5	0.0143	0.0428	0.0713	14.3	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2176	Aluminum chloride hexahydrate	7784-13-6	17.9	25	150	500	mg/m ³
2177	Aluminum fluoride	7784-18-1	6.22	6.22	7.5	40	mg/m ³
2178	Ammonium aluminum fluoride; (Triammonium hexafluoroaluminate)	7784-19-2	4.28	4.28	4.28	15	mg/m ³
2179	Aluminum potassium sulfate, dodecahydrate	7784-24-9	35.2	105	176	500	mg/m ³
2180	Aluminum(III) nitrate nonahydrate (1:3:9)	7784-27-2	27.8	27.8	150	500	mg/m ³
2181	Aluminum phosphate; (Phosphoric acid, aluminum salt (1:1), solution)	7784-30-7	9.04	27.12	500	500	mg/m ³
2182	Arsenous trichloride	7784-34-1	0.0242	0.0726	1.35	12.1	ppm
2183	Lead acid arsenate; (Dibasic lead arsenate)	7784-40-9	0.0838	0.251	168	168	mg/m ³
2184	Potassium arsenate; (Monopotassium arsenate)	7784-41-0	0.024	0.072	2.5	12	mg/m ³
2185	Arsine	7784-42-1	0.05	0.05	0.17	0.5	ppm
2186	Sodium arsenite	7784-46-5	0.0173	0.075	0.6	8.67	mg/m ³
2187	Sodium phosphate, tribasic; (Sodium trimetaphosphate)	7785-84-4	15	40	300	500	mg/m ³
2188	Manganous sulfate	7785-87-7	0.55	8.25	13.7	500	mg/m ³
2189	Magnesium chloride	7786-30-3	10	30	50	500	mg/m ³
2190	Mevinphos; (Phosdrin)	7786-34-7	0.1	0.27	4	4	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2191	Nickel sulfate; (Nickel(II) sulfate)	7786-81-4	2.64	2.64	2.64	26.4	mg/m ³
2192	Barium fluoride	7787-32-8	0.638	1.92	15	100	mg/m ³
2193	Barium permanganate	7787-36-2	1.37	20.5	34.1	34.1	mg/m ³
2194	Beryllium chloride	7787-47-5	0.0177	0.0443	0.0443	35.5	mg/m ³
2195	Beryllium fluoride	7787-49-7	0.0104	0.0261	0.0261	20.9	mg/m ³
2196	Bismuth oxychloride	7787-59-9	75	250	500	500	mg/m ³
2197	Bismuth iodide	7787-64-6	1.5	5	35	150	mg/m ³
2198	Bromine trifluoride	7787-71-5	0.12	0.12	2	21	ppm
2199	Chromium(III) fluoride	7788-97-8	1.05	3.14	5.24	52.4	mg/m ³
2200	Ammonium chromate	7788-98-9	0.0146	0.438	7.5	43.9	mg/m ³
2201	Chromium(III) potassium sulfate (1:1:2), dodecahydrate	7788-99-0	4.8	14.4	40	240	mg/m ³
2202	Potassium chromate(VI)	7789-00-6	0.0187	0.75	6	56	mg/m ³
2203	Chromium nitrate nonahydrate	7789-02-8	3.85	11.5	20	192	mg/m ³
2204	Ammonium dichromate	7789-09-5	0.0121	0.363	7.5	36.4	mg/m ³
2205	Sodium dichromate dihydrate	7789-12-0	0.0143	0.43	0.716	43	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2206	Cesium iodide	7789-17-5	10	30	200	500	mg/m ³
2207	Cesium nitrate	7789-18-6	10	30	200	500	mg/m ³
2208	Deuterium oxide; (Heavy water)	7789-20-0	2000	6000	40000	200000	ppm
2209	Potassium fluoride	7789-23-3	7.65	22.9	38.2	500	mg/m ³
2210	Lithium fluoride	7789-24-4	3.41	10.2	17.1	341	mg/m ³
2211	Potassium acid fluoride	7789-29-9	5.14	15.4	25.7	500	mg/m ³
2212	Bromine pentafluoride	7789-30-2	0.1	0.15	1	33	ppm
2213	Sodium bromate	7789-38-0	0.6	1.5	12.5	60	mg/m ³
2214	Rubidium bromide	7789-39-1	10	30	50	250	mg/m ³
2215	Cadmium bromide	7789-42-6	0.0121	0.0727	4	21.8	mg/m ³
2216	Cobaltous bromide; (Cobalt(II) bromide)	7789-43-7	0.0742	0.223	0.371	150	mg/m ³
2217	Calcium fluoride	7789-75-5	5.14	15.4	200	500	mg/m ³
2218	Calcium monohydrogen phosphate dihydrate	7789-77-7	10	30	50	250	mg/m ³
2219	Calcium hydride	7789-78-8	1.5	5	35	150	mg/m ³
2220	Potassium periodate	7790-21-8	1	3	20	100	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2221	Periodic acid, sodium salt	7790-28-5	0.25	0.75	5	25	mg/m ³
2222	Magnesium iodate tetrahydrate	7790-32-1	10	30	50	250	mg/m ³
2223	Potassium tellurite	7790-58-1	0.199	0.597	3.5	15	mg/m ³
2224	Potassium selenate	7790-59-2	0.56	1.68	2.8	2.8	mg/m ³
2225	Potassium tungstate (liquids)	7790-60-5a	1.77	5.32	5.32	5.32	mg/m ³
2226	Potassium tungstate (solids)	7790-60-5b	1.77	5.32	5.32	5.32	mg/m ³
2227	Potassium pyrosulfate; (Disulfuric acid, dipotassium salt)	7790-62-7	10	30	50	250	mg/m ³
2228	Lithium nitrate	7790-69-4	10	30	50	250	mg/m ³
2229	Cadmium chloride hemipentahydrate; (Cadmium chloride, 2.5-hydrate)	7790-78-5	0.25	0.75	5	300	mg/m ³
2230	Cadmium fluoride	7790-79-6	0.0067	0.0401	4	12	mg/m ³
2231	Cadmium sulfate, hydrate	7790-84-3	0.0157	0.0941	0.3	28.2	mg/m ³
2232	Cadmium tungstate	7790-85-4	0.016	0.0961	4	28.8	mg/m ³
2233	Cerium chloride	7790-86-5	7.5	25	150	500	mg/m ³
2234	Chlorine trifluoride	7790-91-2	0.1	0.12	2	21	ppm
2235	Chlorosulfonic acid; (Chlorosulfuric acid)	7790-94-5	0.1	2	10	30	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2236	Ammonium perchlorate	7790-98-9	5	15	100	500	mg/m ³
2237	Lithium perchlorate, anhydrous	7791-03-9	0.0005	0.0015	0.01	0.06	mg/m ³
2238	Sodium perchlorate monohydrate	7791-07-3	5	15	100	500	mg/m ³
2239	Rubidium chloride	7791-11-9	0.015	0.05	0.35	500	mg/m ³
2240	Thallium chloride; (Thallium(I) chloride)	7791-12-0	0.4	1.25	2	10	mg/m ³
2241	Cobalt(II) chloride hexahydrate	7791-13-1	0.0808	0.242	20	80.8	mg/m ³
2242	Magnesium chloride hexahydrate	7791-18-6	75	250	500	500	mg/m ³
2243	Nickel(II) chloride hexahydrate	7791-20-0	4.05	4.05	40.5	40.5	mg/m ³
2244	Selenium oxychloride	7791-23-3	0.42	1.26	4.41	4.41	mg/m ³
2245	Sulfuryl chloride	7791-25-5	0.4	1.25	7.5	15	ppm
2246	Ethylene glycol mono-sec-butyl ether	7795-91-7	3	10	60	350	mg/m ³
2247	Hydroxylamine	7803-49-8	0.25	0.75	5	25	mg/m ³
2248	Phosphine	7803-51-2	0.3	1	2	3.6	ppm
2249	Stibine	7803-52-3	0.1	0.1	0.5	1.5	ppm
2250	Ammonium vanadate; (Ammonium vanadium oxide; Ammonium metavanadate)	7803-55-6	0.0322	0.0965	0.322	3.5	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2251	Hydrazine hydrate; (Hydrazine monohydrate)	7803-57-8	0.003	0.0075	0.0625	50	mg/m ³
2252	Silane	7803-62-5	5	15	25	4000	ppm
2253	Ammonium bisulfate; (Ammonium hydrogen sulfate)	7803-63-6	0.025	0.075	0.5	2.5	mg/m ³
2254	Linseed oil	8001-26-1	0.5	1.5	10	60	mg/m ³
2255	Corn oil	8001-30-7	200	500	500	500	mg/m ³
2256	Toxaphene; (Chlorinated camphene)	8001-35-2	0.5	1	20	200	mg/m ³
2257	Alkyl dimethylbenzyl ammonium chloride; (Benzalkonium chloride)	8001-54-5	7.5	20	100	100	mg/m ³
2258	Creosote (coal tar)	8001-58-9	0.2	0.6	80	80	mg/m ³
2259	Castor oil	8001-79-4	40	125	500	500	mg/m ³
2260	Petroleum distillate	8002-05-9a	350	350	500	500	mg/m ³
2261	Petroleum; (Petroleum crude oil)	8002-05-9b	500	500	500	500	mg/m ³
2262	Neatsfoot oil; (Fats and glyceridic oils)	8002-64-0	10	30	50	250	mg/m ³
2263	Paraffin, n-	8002-74-2	2	15	15	500	mg/m ³
2264	Chloropicrin/Methyl bromide mixture	8004-09-9	2	3	12.5	60	mg/m ³
2265	Soda lime	8006-28-8	5	5	5	25	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2266	Gasoline	8006-61-9	300	500	500	1500	ppm
2267	Turpentine	8006-64-2	100	100	100	800	ppm
2268	Coal tar, aerosol	8007-45-2a	0.1	1.25	7.5	40	mg/m ³
2269	Coal tar; (Coal tar volatiles)	8007-45-2b	0.2	80	80	80	mg/m ³
2270	Aqua regia (75% hydrochloric + 25% nitric acid)	8007-56-5	0.85	1.6	18	94.5	ppm
2271	Kerosene	8008-20-6	100	290	500	500	mg/m ³
2272	Petrolatum	8009-03-8	15	50	350	500	mg/m ³
2273	Mineral oil; (Oil mist, mineral)	8012-95-1	5	10	10	500	mg/m ³
2274	Yeast extract	8013-01-2	15	50	400	500	mg/m ³
2275	Oleum; (fuming sulfuric acid)	8014-95-7	0.2	0.2	8.7	160	mg/m ³
2276	Polyphosphoric acid	8017-16-1	1.5	5	40	200	mg/m ³
2277	Mancozeb; (Dithane M-45)	8018-01-7	1	3	200	500	mg/m ³
2278	Mineral oil, heavy or light; (Paraffin oil; Deobase, deodorized)	8020-83-5	0.2	0.6	500	500	mg/m ³
2279	Naphtha (coal tar)	8030-30-6	100	100	500	1000	ppm
2280	Fuller's earth; (Kaolin, 1332-58-7)	8031-18-3	5	6	500	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2281	Petroleum spirits; (VM & P Naphtha)	8032-32-4	300	300	395	395	ppm
2282	Mineral oil, white	8042-47-5	0.2	0.6	500	500	mg/m ³
2283	Rosin core solder decomposition products; (Colophony Gum)	8050-09-7	0.1	0.3	40	40	mg/m ³
2284	Stoddard solvent; (Mineral spirits, 85% nonane and 15% trimethyl benzene)	8052-41-3	500	500	500	500	mg/m ³
2285	Asphalt; (Bitumen)	8052-42-4a	0.5	0.75	5	25	mg/m ³
2286	Petroleum asphalt	8052-42-4b	1.25	4	25	125	mg/m ³
2287	Ammonium lignin sulfonate	8061-53-8	10	30	50	250	mg/m ³
2288	Lignosulfonate (aqueous)	8062-15-5	10	30	500	500	mg/m ³
2289	Demeton	8065-48-3	0.1	0.15	2	10	mg/m ³
2290	Acacia; (Gum Arabic)	9000-01-5	200	500	500	500	mg/m ³
2291	Carboxymethyl cellulose	9000-11-7	40	125	500	500	mg/m ³
2292	Gelatin; (Pharmagel A)	9000-70-8	2.5	7.5	60	300	mg/m ³
2293	Casein; (Casamino acids; Casein hydrolysate type 1)	9000-71-9	10	30	50	250	mg/m ³
2294	Pyruvate kinase	9001-59-6	2.5	7.5	50	500	mg/m ³
2295	Trypsin; (Parezyme; Chymotrypsin inhibitor)	9002-07-7	0.025	0.075	0.6	30	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2296	Trypsinogen	9002-08-8	7.5	25	150	500	mg/m ³
2297	Agar	9002-18-0	500	500	500	500	mg/m ³
2298	Amberlite IR-120plus ion-exchange resin, sodium form; (Cation exchange resin)	9002-23-7	7.5	25	150	500	mg/m ³
2299	Amberlite IRA-400(Cl); (Amberlite IRA-400, ion-exchange resin)	9002-24-8	10	30	50	250	mg/m ³
2300	Chlorotrifluoroethene, homopolymer	9002-83-9	0.015	0.04	0.3	500	mg/m ³
2301	Tetrafluoroethylene, polymer; (Polytetrafluoroethylene; Teflon)	9002-84-0	3.5	10	60	350	mg/m ³
2302	Polyvinyl chloride	9002-86-2	6	18	500	500	mg/m ³
2303	Polyethylene	9002-88-4	10	30	50	500	mg/m ³
2304	Polyvinyl alcohol	9002-89-5	40	125	500	500	mg/m ³
2305	Triton X-100; (Poly(oxyethylene)-p-tert-octylphenyl ether)	9002-93-1	15	40	300	500	mg/m ³
2306	Azirdine; (ethylenimine; poly(ethyleneimine))	9002-98-6	5	15	100	500	mg/m ³
2307	Acrylic acid polymers; (Acrylic polymer or resin)	9003-01-4	10	30	200	500	mg/m ³
2308	Ammonium polyacrylate	9003-03-6	10	30	50	250	mg/m ³
2309	Polypropylene	9003-07-0	12.5	40	250	500	mg/m ³
2310	Polypropylene-polyethylene glycol; (Pluronic L-81)	9003-11-6	10	30	200	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2311	Butoxypolypropylene glycol	9003-13-8	35	100	500	500	mg/m ³
2312	Vinyl acetate-vinyl chloride copolymer; (Acetic acid, vinyl ester, polymer with chloroethylene)	9003-22-9	35	100	500	500	mg/m ³
2313	Poly(1-vinyl-2-pyrrolidinone) homopolymer; (Polyvinylpyrrolidone; Plasdone)	9003-39-8	100	300	500	500	mg/m ³
2314	Polybutyl acrylate	9003-49-0	10	30	50	250	mg/m ³
2315	Polystyrene resin; (Styrene polymer)	9003-53-6	10	30	50	75	mg/m ³
2316	Amberlite ZAD-16; (Nonionic polymeric absorbent)	9003-69-4	7.5	25	150	500	mg/m ³
2317	Sodium carboxymethyl cellulose; (Dowex 11)	9004-32-4	0.4	1.25	7.5	500	mg/m ³
2318	Cellulose	9004-34-6	15	30	500	500	mg/m ³
2319	Cellulose acetate butanoate; (Celvacene)	9004-36-8	10	30	50	250	mg/m ³
2320	Dextran	9004-54-0	0.35	1	6	500	mg/m ³
2321	Ethyl cellulose	9004-57-3	20	60	400	500	mg/m ³
2322	Hydroxypropyl cellulose	9004-64-2	40	125	500	500	mg/m ³
2323	Methylcellulose	9004-67-5	10	30	50	500	mg/m ³
2324	Pyroxylin; (Cellulose tetranitrate)	9004-70-0	10	30	50	500	mg/m ³
2325	Poly(ethylene glycol methyl ether)	9004-74-4	75	250	500	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2326	Poly(oxyethylene)(2) stearyl ether	9005-00-9	7.5	20	150	500	mg/m ³
2327	Starch dust	9005-25-8	15	30	500	500	mg/m ³
2328	Polyoxyethylene (20) sorbitan monolaurate	9005-64-5	3	7.5	60	500	mg/m ³
2329	Sorbitan, monooleate polyoxyethylene; (Polyethylene sorbitan monooleate; Tween 80)	9005-65-6	0.75	2.5	15	500	mg/m ³
2330	Polyoxyethylene sorbitan monopalmitate; (TWEEN 40)	9005-66-7	12.5	40	250	500	mg/m ³
2331	Sorbitan monostearate polyoxyethylene; (Ethoxylated sorbitan monostearate)	9005-67-8	0.75	2	15	500	mg/m ³
2332	Polysorbate 85; (TWEEN 85)	9005-70-3	75	250	500	500	mg/m ³
2333	Thyodene; (Amylodextrin)	9005-84-9	10	30	50	250	mg/m ³
2334	Deoxyribonucleic acid; (DNA)	9007-49-2	12.5	35	250	500	mg/m ³
2335	Myoglobins	9008-45-1	10	30	50	250	mg/m ³
2336	Polyurethane foam; (Urethane polymers)	9009-54-5	0.2	0.6	5	25	mg/m ³
2337	Ricin	9009-86-3	0.025	0.075	0.25	0.25	mg/m ³
2338	Polymethylmethacrylate; (Lucite)	9011-14-7	5	15	100	500	mg/m ³
2339	Hexafluoropropylene-vinylidene fluoride; (Viton)	9011-17-0	10	30	50	250	mg/m ³
2340	Dextran sulfate sodium	9011-18-1	15	40	300	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2341	Agarose, type VII (low gelling temperature)	9012-36-6	10	30	50	250	mg/m ³
2342	Cellulose, 2-(diethylamino)ethyl ether	9013-34-7	10	30	50	250	mg/m ³
2343	Polydimethyl siloxane; (Dimethylpolysiloxane)	9016-00-6	7.5	25	150	500	mg/m ³
2344	Ethoxylated nonylphenol; (Nonyl phenyl polyethylene glycol ether)	9016-45-9	5	15	100	500	mg/m ³
2345	Polymethylene polyphenyl isocyanate; (Polymeric diphenylmethane diisocyanate)	9016-87-9	2	6	40	200	mg/m ³
2346	Ribonuclease T1	9026-12-4	10	30	50	250	mg/m ³
2347	Polyoxyethylene mono-octylphenyl ether	9036-19-5	15	50	350	500	mg/m ³
2348	Amberlyst 15 ion-exchange resin	9037-24-5	10	30	50	250	mg/m ³
2349	Sephadex gel filter 20-801	9041-35-4	10	30	50	250	mg/m ³
2350	Polyoxyalkyleneamine; (Poly(oxypropylene)diamine)	9046-10-0	10	30	50	100	mg/m ³
2351	Albumin (bovine)	9048-46-8	150	500	500	500	mg/m ³
2352	Cation exchange resin 50W-X12, 200 - 400 mesh	9056-03-5	10	30	50	250	mg/m ³
2353	Amberlite XAD-2 resin, purified	9060-05-3	10	30	50	200	mg/m ³
2354	Polypropylene glycol, chloromethyl) oxirane polymer	9072-62-2	7.5	25	150	500	mg/m ³
2355	Alcohol oxidase	9073-63-6	10	30	50	250	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2356	Polyglycol 15-200: (Calthane NF and ND "B")	9082-00-2	40	125	500	500	mg/m ³
2357	Dipotassium metasilicate	10006-28-7	6	15	125	500	mg/m ³
2358	Barium nitrate	10022-31-8	0.952	2.5	15	95.2	mg/m ³
2359	Cadmium nitrate tetrahydrate	10022-68-1	0.0137	0.6	4	24.7	mg/m ³
2360	Sodium hypochlorite pentahydrate	10022-70-5	0.075	0.2	1.5	500	mg/m ³
2361	Neodymium(III) chloride	10024-93-8	0.06	0.15	1.25	6	ppm
2362	Nitrous oxide	10024-97-2	50	150	10000	20000	ppm
2363	Perchloric acid, zinc salt, hexahydrate	10025-64-6	0.6	1.5	12.5	60	mg/m ³
2364	Sulfur monochloride	10025-67-9	0.53	0.53	6.4	15	ppm
2365	Tin(II) chloride dihydrate; (Stannous chloride dihydrate)	10025-69-1	3.8	11.4	20	190	mg/m ³
2366	Chromic chloride; (Chromium(III) chloride)	10025-73-7	1.52	4.57	7.61	76.1	mg/m ³
2367	Ferric chloride hexahydrate	10025-77-1	4.84	75	100	100	mg/m ³
2368	Trichlorosilane	10025-78-2	0.35	1	3	25	ppm
2369	Indium trichloride	10025-82-8	0.193	0.578	1	1	mg/m ³
2370	Trichloramine; (Nitrogen chloride)	10025-85-1	0.125	0.35	2.5	25	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2371	Phosphorus oxychloride	10025-87-3	0.1	0.479	0.479	0.85	ppm
2372	Antimony trichloride	10025-91-9	0.937	0.937	0.937	93.7	mg/m ³
2373	Yttrium chloride, hexahydrate	10025-94-2	3.41	10.2	17.1	500	mg/m ³
2374	Tetrachlorosilane; (Silicon chloride)	10026-04-7	0.25	0.75	5	37	ppm
2375	Tellurium chloride	10026-07-0	0.211	0.633	15	52.8	mg/m ³
2376	Zirconium chloride	10026-11-6	12.8	25.5	25.5	63.9	mg/m ³
2377	Niobium chloride	10026-12-7	6	15	125	500	mg/m ³
2378	Phosphorus pentachloride	10026-13-8	1	2	12.5	70	mg/m ³
2379	Cobalt nitrate hexahydrate; (Cobaltous nitrate hexahydrate)	10026-22-9	0.0988	0.296	0.5	98.8	mg/m ³
2380	Cobalt sulfate heptahydrate; (Cobalt(II) sulfate(1:1), heptahydrate)	10026-24-1	0.0954	0.286	250	250	mg/m ³
2381	Ozone	10028-15-6	0.1	0.1	1	5	ppm
2382	Ferric sulfate; (Iron(III) sulfate)	10028-22-5	3.58	10.7	17.9	75	mg/m ³
2383	Lead(II) arsenite	10031-13-7	0.0281	0.0843	0.14	14	mg/m ³
2384	Lead bromide	10031-22-8	0.0886	0.266	0.443	177	mg/m ³
2385	Erbium nitrate pentahydrate	10031-51-3	10	30	50	250	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2386	Thallium sulfate; (Sulfuric acid, dithallium(1+) salt)	10031-59-1	0.107	0.32	2	16	mg/m ³
2387	Anhydrone; (Magnesium perchlorate)	10034-81-8	6	15	125	500	mg/m ³
2388	Sodium chromate tetrahydrate	10034-82-9	0.0291	0.873	15	87.4	mg/m ³
2389	Hydriodic acid; (Hydrogen iodide)	10034-85-2	0.35	1	22	120	ppm
2390	Sodium bisulfate monohydrate	10034-88-5	0.75	2.5	15	75	mg/m ³
2391	Hydrazine sulfate	10034-93-2	0.6	2	15	250	mg/m ³
2392	Manganese(II) sulfate monohydrate	10034-96-5	0.615	9.23	15.4	75	mg/m ³
2393	Magnesium sulfate heptahydrate	10034-99-8	5	15	100	500	mg/m ³
2394	Calcium chloride dihydrate	10035-04-8	40	125	500	500	mg/m ³
2395	Bismuth(III) nitrate, pentahydrate	10035-06-0	2	6	40	500	mg/m ³
2396	Hydrobromic acid; (Hydrogen bromide)	10035-10-6	1	1	22	120	ppm
2397	Tetrafluorohydrazine	10036-47-2	0.805	2.5	15	110	ppm
2398	Sodium phosphate, dibasic, dodecahydrate	10039-32-4	1.5	5	35	150	mg/m ³
2399	Hydroxylamine sulfate; (Oxammonium sulfate)	10039-54-0	4	10	75	400	mg/m ³
2400	Strontium nitrate	10042-76-9	10	30	250	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2401	Aluminum sulfate	10043-01-3	12.7	38	63.4	500	mg/m ³
2402	Boron nitride	10043-11-5	400	500	500	500	mg/m ³
2403	Boric acid	10043-35-3	2	6	100	125	mg/m ³
2404	Calcium chloride	10043-52-4	25	75	400	400	mg/m ³
2405	Aluminum potassium sulfate	10043-67-1	19.1	57.4	95.7	100	mg/m ³
2406	Ferric phosphate	10045-86-0	2.75	8.26	13.8	60	mg/m ³
2407	Ferrous ammonium sulfate	10045-89-3	5.09	15.3	25.4	125	mg/m ³
2408	Mercury nitrate; (Mercury(II) nitrate (1:2))	10045-94-0	0.0405	0.162	0.162	16.2	mg/m ³
2409	Neodymium nitrate	10045-95-1	7.5	25	150	500	mg/m ³
2410	Barium hydrogen phosphate; (Barium phosphate dibasic)	10048-98-3	0.849	2.55	4.25	20	mg/m ³
2411	Chlorine dioxide	10049-04-4	0.1	0.15	1.1	2.4	ppm
2412	Chromous chloride; (Chromium(II) chloride (1:2))	10049-05-5	1.18	3.55	6	500	mg/m ³
2413	Ruthenium trichloride	10049-08-8	1.5	4	30	150	mg/m ³
2414	Rhenium hexafluoride	10049-17-9	6.58	19.8	32.9	500	mg/m ³
2415	Sodium dihydrogen phosphate; (Sodium phosphate monobasic, monohydrate)	10049-21-5	100	300	500	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2416	Tellurous acid	10049-23-7	0.139	0.418	0.696	34.8	mg/m ³
2417	Chromium(III) chloride, hexahydrate	10060-12-5	2.56	100	128	128	mg/m ³
2418	Dichloropropene, cis-1,3-	10061-01-5	1	12.5	50	50	ppm
2419	Dichloropropene, trans-1,3-	10061-02-6	1	1.5	10	50	ppm
2420	Silicon(II) oxide; (Silicon oxide)	10097-28-6	10	30	50	250	mg/m ³
2421	Lanthanum chloride	10099-58-8	6	20	125	500	mg/m ³
2422	Lanthanum nitrate	10099-59-9	0.4	1.25	7.5	500	mg/m ³
2423	Lead nitrate	10099-74-8	0.0799	0.6	4	160	mg/m ³
2424	Calcium metasilicate	10101-39-0	10	30	50	250	mg/m ³
2425	Calcium(II) sulfate dihydrate (1:1:2)	10101-41-4	15	30	50	75	mg/m ³
2426	Sodium permanganate	10101-50-5	0.517	7.75	12.9	500	mg/m ³
2427	Zirconium silicate; (Zirconium silicon oxide; Zircon))	10101-52-7	10.3	20.5	51.3	51.3	mg/m ³
2428	Chromic sulfate; (Chromium(III) sulfate (2:3))	10101-53-8	1.89	2.5	15	94.3	mg/m ³
2429	Lead iodide	10101-63-0	0.111	0.334	0.556	222	mg/m ³
2430	Sodium tellurate	10101-83-4	0.186	0.559	0.931	150	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2431	Sodium phosphate, tribasic, dodecahydrate	10101-89-0	10	30	50	500	mg/m ³
2432	Nickel sulfate hexahydrate; (Nickel(II) sulfate hexahydrate)	10101-97-0	4.48	4.48	10	44.8	mg/m ³
2433	Zinc nitrite	10102-02-0	0.035	0.075	0.6	60	mg/m ³
2434	Uranyl nitrate (solid); (Bis(nitrato-O,O')dioxouranium)	10102-06-4	0.0828	0.993	3	16.6	mg/m ³
2435	Sodium thiosulfate pentahydrate	10102-17-7	10	30	50	500	mg/m ³
2436	Sodium selenite	10102-18-8	0.438	1.31	2.3	3	mg/m ³
2437	Sodium tellurite	10102-20-2	0.174	0.521	7.5	25	mg/m ³
2438	Sodium molybdate dihydrate; (Disodium molybdate dihydrate)	10102-40-6	12.6	12.6	200	200	mg/m ³
2439	Nitric oxide	10102-43-9	24.5	24.5	24.5	100	ppm
2440	Nitrogen dioxide	10102-44-0	0.5	0.5	12	20	ppm
2441	Thallium nitrate; (Thallium(I) nitrate)	10102-45-1	0.13	0.391	19.6	19.6	mg/m ³
2442	Calcium phosphate; (Tricalcium phosphate)	10103-46-5	7.5	20	35	350	mg/m ³
2443	Chromium nitrate	10103-47-6	4.74	14.2	23.7	237	mg/m ³
2444	Cadmium chloride	10108-64-2	0.0081	0.0489	0.5	14.7	mg/m ³
2445	Cerous nitrate; (Cerium(III) nitrate)	10108-73-3	1	3	20	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2446	Mercury(I) chloride	10112-91-1	0.0294	0.0883	1.18	11.8	mg/m ³
2447	Potassium sulfite	10117-38-1	10	30	50	250	mg/m ³
2448	Cadmium sulfate	10124-36-4	0.0093	0.0557	4	16.7	mg/m ³
2449	Calcium(II) nitrate	10124-37-5	1.25	3.5	25	125	mg/m ³
2450	Cobalt sulfate	10124-43-3	0.0526	0.158	0.263	150	mg/m ³
2451	Potassium arsenite	10124-50-2	0.0533	6	26.7	26.7	mg/m ³
2452	Manganese phosphate	10124-54-6	0.43	6.46	10.8	500	mg/m ³
2453	Sodium phosphate, tribasic; (Sodium hexametaphosphate; Calgon)	10124-56-8	25	75	500	500	mg/m ³
2454	Copper(II) chloride dihydrate; (Cupric chloride)	10125-13-0	0.134	0.402	0.671	268	mg/m ³
2455	Europium nitrate; (Europium trinitrate)	10138-01-9	15	50	350	500	mg/m ³
2456	Ferric ammonium sulfate; Sulfuric acid, ammonium iron(3e+) salt (2:1:1)	10138-04-2	4.82	14.5	25	125	mg/m ³
2457	Dichloroethanol acetate, 1,2-	10140-87-1	0.35	1	1.71	6	ppm
2458	Cobalt nitrate; (Cobalt(II) nitrate)	10141-05-6	0.0621	0.186	12.5	150	mg/m ³
2459	Dysprosium nitrate	10143-38-1	10	30	200	500	mg/m ³
2460	Dimethoxybutane, 1,3-	10143-66-5	7.5	25	150	750	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2461	Erbium(III) nitrate	10168-80-6	0.2	0.6	5	25	mg/m ³
2462	Gadolinium nitrate, solid	10168-81-7	10	30	50	500	mg/m ³
2463	Ammonium bisulfite; (Ammonium hydrogen sulfite)	10192-30-0	10	10	10	10	mg/m ³
2464	Ammonium sulfite	10196-04-0	10	10	10	10	mg/m ³
2465	Zinc nitrate hexahydrate	10196-18-6	5	15	100	500	mg/m ³
2466	Cobalt carbonyl	10210-68-1	0.27	0.27	27	60	mg/m ³
2467	Sodium tungstate dihydrate	10213-10-2	1.79	5.38	15	75	mg/m ³
2468	Magnesium(II) nitrate (1:2), hexahydrate	10213-15-7	20	60	400	500	mg/m ³
2469	Propylene glycol mono-n-butyl ether; (3-butoxy-1-propanol)	10215-33-5	50	50	300	500	ppm
2470	Hydrazine hydrate, aqueous solutions	10217-52-4	0.03	0.0625	0.0625	0.0625	mg/m ³
2471	Molybdenum pentachloride	10241-05-1	14.2	14.2	500	500	mg/m ³
2472	Methamidophos	10265-92-6	3.5	10	60	60	mg/m ³
2473	Lanthanum(III) nitrate hexahydrate	10277-43-7	1.5	5	35	150	mg/m ³
2474	Boron tribromide	10294-33-4	1	1	1	5	ppm
2475	Boron trichloride	10294-34-5	0.1	0.3	2.09	2.5	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2476	Barium chromate	10294-40-3	0.0246	0.737	1.25	73.7	mg/m ³
2477	Cerium nitrate hexahydrate	10294-41-4	15	50	350	500	mg/m ³
2478	Phosphorous acid, o-; (Phosphonic acid)	10294-56-1	1	3	200	500	mg/m ³
2479	Dialifor	10311-84-9	1	3	5	5	mg/m ³
2480	Cadmium nitrate	10325-94-7	0.0105	0.0631	4	18.9	mg/m ³
2481	Barium chloride dihydrate	10326-27-9	0.889	2.67	4.45	88.9	mg/m ³
2482	Aluminum yellow 4A; (Chromium compound; Acid yellow 39)	10343-58-5	4.77	14.3	25	239	mg/m ³
2483	Sodium metaphosphate	10361-03-2	3.5	10	75	350	mg/m ³
2484	Barium chloride	10361-37-2	0.5	1.5	15	50	mg/m ³
2485	Bismuth hydroxide	10361-43-0	1	1	3	100	mg/m ³
2486	Bismuth nitrate	10361-44-1	1.25	4	25	500	mg/m ³
2487	Praseodymium nitrate	10361-80-5	7.5	20	150	500	mg/m ³
2488	Samarium nitrate	10361-83-8	7.5	25	150	500	mg/m ³
2489	Lithium sulfate	10377-48-7	0.15	0.5	3.5	500	mg/m ³
2490	Lithium iodide	10377-51-2	10	30	50	250	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2491	Magnesium nitrate; (Magnesium(II) nitrate (1:2))	10377-60-3	10	30	50	250	mg/m ³
2492	Manganese(II) nitrate	10377-66-9	0.651	9.77	16.3	500	mg/m ³
2493	Ethylenediaminetetraacetic acid, tetrasodium salt, dihydrate	10378-23-1	7.5	25	150	500	mg/m ³
2494	Ceric ammonium sulfate, dihydrate	10378-47-9	10	30	50	250	mg/m ³
2495	Nickel(II) phosphate	10381-36-9	1	1	1	10	mg/m ³
2496	Mercurous nitrate; (Mercury(I) nitrate(1:1))	10415-75-5	0.0327	0.131	0.131	13.1	mg/m ³
2497	Ferric nitrate	10421-48-4	4.33	13	21.7	100	mg/m ³
2498	Tetramethylammonium hydroxide pentahydrate	10424-65-4	0.3	0.75	6	6	mg/m ³
2499	Potassium selenite	10431-47-7	0.52	0.52	0.52	2.6	mg/m ³
2500	Ethyl-2-oxazoline, 2-	10431-98-9	0.1	0.3	2	10	ppm
2501	Periodic acid	10450-60-9	0.18	0.18	0.5	5	mg/m ³
2502	Strontium chloride	10476-85-4	7.5	20	150	500	mg/m ³
2503	Methacrolein diacetate; (Acetic acid, 2-methyl-2-propene-1,1-diol diester)	10476-95-6	7.5	25	44	44	mg/m ³
2504	Alpha,alpha,4-trimethyl-3-cyclohexene-1-methanol, (S)-; (alpha-Terpineol)	10482-56-1	125	350	500	500	mg/m ³
2505	Cresyl violet acetate	10510-54-0	10	30	50	250	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2506	Nitrogen tetroxide	10544-72-6	3	5	5	20	ppm
2507	Nitrogen trioxide; (Dinitrogen trioxide)	10544-73-7	25	50	100	500	ppm
2508	Sodium dichromate; (Disodium dichromate)	10588-01-9	0.0126	20	37.8	37.8	mg/m ³
2509	Monochloroamine; (Chloramide)	10599-90-3	0.2	0.6	4	20	ppm
2510	Lithium aluminum oxide; (Lithium aluminate)	11089-89-7	10	30	50	250	mg/m ³
2511	Polychlorinated biphenyl (Aroclor 1260); (Chlorodiphenyl (60% Cl))	11096-82-5	0.2	0.6	1.5	5	mg/m ³
2512	Polychlorinated biphenyl (Aroclor 1254); (Chlorodiphenyl (54% Cl))	11097-69-1	0.5	1.5	2.5	5	mg/m ³
2513	Molybdc acid, ammonium salt; (Ammonium molibdate)	11098-84-3	11.7	11.7	500	500	mg/m ³
2514	Ethyl silicate polymer; (Silicic acid, ethyl ester)	11099-06-2	10	30	50	250	mg/m ³
2515	Polychlorinated biphenyl (Aroclor 1268); (Chlorodiphenyl (68% Cl))	11100-14-4	0.2	0.6	1	5	mg/m ³
2516	Polychlorinated biphenyl (Aroclor 1221); (Chlorodiphenyl (21% Cl))	11104-28-2	0.2	0.6	1	5	mg/m ³
2517	Phosphomolybdic acid	11104-88-4	16.7	50	83.3	400	mg/m ³
2518	Sodium antimonate; (Antimonic acid, sodium salt)	11112-10-0	1.01	3.04	5.07	101	mg/m ³
2519	Dowex 50WX4; (50-400 ion exchange resin)	11113-61-4	10	30	50	250	mg/m ³
2520	Chromic acid ester	11115-74-5	0.0113	0.339	6	34	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2521	Cation exchange resin 200-400 meshHyd.Dowex 50W-X8	11119-67-8	10	30	50	250	mg/m ³
2522	Ammonium tungstate(VI)	11120-25-5	1.38	4.14	6.9	6.9	mg/m ³
2523	Tungstosilicic acid	11130-20-4	6.52	13	13	13	mg/m ³
2524	Yttrium oxide	11130-29-3	1.18	3.54	100	500	mg/m ³
2525	Sodium-Potassium	11135-81-2	0.482	0.482	5	50	mg/m ³
2526	Sodium aluminate; (Aluminum sodium oxide)	11138-49-1	2	6	10	500	mg/m ³
2527	Polychlorinated biphenyl (Aroclor 1232); (Chlorodiphenyl (32% Cl))	11141-16-5	0.2	0.6	1	5	mg/m ³
2528	Mica; (mica silicates)	12001-26-2	3	9	15	75	mg/m ³
2529	Crocidolite	12001-28-4	0.005	0.015	5	250	mg/m ³
2530	Asbestos (Chrysotile)	12001-29-5	0.005	0.5	50	250	mg/m ³
2531	Paris Green; (Cupric acetoarsenite)	12002-03-8	1.13	3.38	22	22	mg/m ³
2532	Mercuriol; (Mercury nucleate)	12002-19-6	0.025	0.075	0.1	10	mg/m ³
2533	Potassium aluminate	12003-63-3	7.27	21.8	36.3	150	mg/m ³
2534	Lithium aluminate	12003-67-7	12.2	36.6	61.1	300	mg/m ³
2535	Nickel aluminide	12003-78-0	1.36	1.36	1.36	13.6	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2536	Tungsten boride	12007-09-9	5.29	10.6	26.5	125	mg/m ³
2537	Lithium tetraborate	12007-60-2	10	30	50	250	mg/m ³
2538	Ammonium pentaborate	12007-89-5	10	30	50	250	mg/m ³
2539	Lanthanum boride	12008-21-8	14.7	44	75	350	mg/m ³
2540	Iron carbide	12011-67-5	5.36	16.1	26.8	125	mg/m ³
2541	Dawsonite; (Crystalline dehydroxy sodium aluminum, carbonate)	12011-76-6	3.5	10	150	500	mg/m ³
2542	Molybdenum carbide	12011-97-1	11.3	33.8	56.3	500	mg/m ³
2543	Cerium(IV) hydroxide	12014-56-1	14.9	44.6	75	350	mg/m ³
2544	Gallium oxide	12024-21-4	10	30	50	500	mg/m ³
2545	Thallium hydroxide	12026-06-1	0.108	0.325	0.542	16.2	mg/m ³
2546	Tin hydroxide	12026-24-3	2.57	7.72	12.9	129	mg/m ³
2547	Molybdophosphoric acid, X-hydrate	12026-57-2	7.93	7.93	7.93	500	mg/m ³
2548	Ammonium molybdophosphate	12026-66-3	8.15	24.4	40.7	200	mg/m ³
2549	Ammonium iodide	12027-06-4	4	12.5	75	400	mg/m ³
2550	Molybdic acid, hexaammonium salt; (Ammonium heptamolybdate)	12027-67-7	8.67	8.67	8.67	500	mg/m ³
2551	Potassium columbate; (Potassium niobate)	12030-85-2	12.5	35	250	500	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2552	Potassium zirconate	12030-98-7	11.9	23.8	23.8	59.6	mg/m ³
2553	Lithium niobium oxide; (Lithium niobate)	12031-63-9	5	15	25	500	mg/m ³
2554	Lutetium oxide	12032-20-1	10	30	50	250	mg/m ³
2555	Silicon nitride	12033-89-5	10	30	50	250	mg/m ³
2556	Sodium titanate	12034-34-3	10	30	50	250	mg/m ³
2557	Ruthenium(IV) oxide	12036-10-1	4	12.5	15	15	mg/m ³
2558	Technetium(IV) oxide	12036-16-7	10	30	50	250	mg/m ³
2559	Tungsten(IV) oxide	12036-22-5	5.87	11.7	11.7	11.7	mg/m ³
2560	Praseodymium oxide	12036-32-7	7.5	25	150	500	mg/m ³
2561	Rhodium(III) oxide (solids)	12036-35-0	0.123	3.7	6.17	123	mg/m ³
2562	Terbium oxide	12036-41-8	10	30	50	250	mg/m ³
2563	Thulium oxide	12036-44-1	11.4	34.3	57.1	250	mg/m ³
2564	Terbium(III,IV) oxide	12037-01-3	10	30	50	250	mg/m ³
2565	Praseodymium(III,IV) oxide	12037-29-5	20	60	400	500	mg/m ³
2566	Zirconium phosphide	12037-80-8	8.4	16.8	16.8	42	mg/m ³
2567	Titanium boride	12045-63-5	10	30	50	250	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2568	Zirconium boride	12045-64-6	6.19	12.4	30.9	30.9	mg/m ³
2569	Nickel(II) hydroxide; (Nickelous hydroxide)	12054-48-7	1.58	1.58	1.58	15.8	mg/m ³
2570	Ammonium molybdate(VI) tetrahydrate	12054-85-2	60.7	60.7	60.7	150	mg/m ³
2571	Hafnium oxide	12055-23-1	0.59	1.77	3	59	mg/m ³
2572	Holmium trioxide	12055-62-8	10	30	50	250	mg/m ³
2573	Manganese(VII) oxide	12057-92-0	0.404	6.06	10.1	50	mg/m ³
2574	Sodium stannate	12058-66-1	3.58	10.8	17.9	179	mg/m ³
2575	Scandium oxide	12060-08-1	10	30	50	250	mg/m ³
2576	Samarium(III) oxide	12060-58-1	20	60	400	500	mg/m ³
2577	Erbium(III) oxide	12061-16-4	20	60	400	500	mg/m ³
2578	Gadolinium(III) oxide	12064-62-9	2	6	50	500	mg/m ³
2579	Ferrous disulfide; (Iron disulfide)	12068-85-8	2.15	6.44	10.7	50	mg/m ³
2580	Boron carbide	12069-32-8	10	30	50	250	mg/m ³
2581	Copper(II) carbonate hydroxide (2:1:2)	12069-69-1	0.174	0.522	0.87	174	mg/m ³
2582	Niobium(IV) carbide	12069-94-2	11.3	33.9	56.5	250	mg/m ³
2583	Tantalum carbide	12070-06-3	5.33	10.7	500	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2584	Titanium carbide	12070-08-5	12.5	37.5	62.6	300	mg/m ³
2585	Tungsten carbide	12070-12-1	5.33	10.7	10.7	10.7	mg/m ³
2586	Zirconium carbide	12070-14-3	6.32	12.6	12.6	31.6	mg/m ³
2587	Manganese tricarbonyl methylcyclopentadienyl	12108-13-3	0.6	0.6	0.6	7.5	mg/m ³
2588	Ammonium bromide	12124-97-9	10	35	200	500	mg/m ³
2589	Ammonium fluoride	12125-01-8	4.88	4.88	4.88	12.5	mg/m ³
2590	Ammonium chloride	12125-02-9	10	20	500	500	mg/m ³
2591	Nickel(III) hydroxide; (Nickelic hydroxide)	12125-56-3	1.87	1.87	1.87	18.7	mg/m ³
2592	Mercury hydroxide	12135-13-6	0.0292	0.117	0.117	11.7	mg/m ³
2593	Palladium hydroxide	12135-22-7	0.125	0.3	2.5	75	mg/m ³
2594	Ammonium sulfide	12135-76-1	3.5	10	15	15	ppm
2595	Molybdenum disilicide	12136-78-6	15.9	47.6	79.3	500	mg/m ³
2596	Titanium(II) oxide	12137-20-1	10	30	50	250	mg/m ³
2597	Rhodium oxide (liquids); (Rhodium(IV) oxide)	12137-27-8a	0.0013	0.0393	0.5	2.6	mg/m ³
2598	Rhodium oxide (solids); (Rhodium(IV) oxide)	12137-27-8b	0.131	3.93	6.56	131	mg/m ³
2599	Uranium telluride	12138-37-3	0.104	1.24	4	20.7	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2600	Uranium telluride A	12138-37-3a	0.0857	1.03	3.5	17.1	mg/m ³
2601	Sodium polytungstate	12141-67-2	6.77	13.5	35	150	mg/m ³
2602	Potassium stannate	12142-33-5	2.5	7.5	12.5	125	mg/m ³
2603	Calcium phosphate tribasic	12167-74-7	10	30	50	250	mg/m ³
2604	Amosite	12172-73-5	0.005	0.05	40	200	mg/m ³
2605	Dysprosium nickelide	12175-27-8	10	30	50	250	mg/m ³
2606	Phosphorus (yellow)	12185-10-3	0.1	0.4	3	5	mg/m ³
2607	Sodium zirconate; (Disodium zirconium oxide)	12201-48-8	10.9	21.8	21.8	54.6	mg/m ³
2608	Potassium antimonate; (Potassium hexahydroxyantimonate)	12208-13-8	1.08	3.24	5.4	108	mg/m ³
2609	Aluminum grey; (Chromium compound; Acid black 60)	12218-95-0	8.44	25.3	42.2	422	mg/m ³
2610	Barium hydroxide octahydrate	12230-71-6	1.15	3	20	115	mg/m ³
2611	Sodium bismuthate	12232-99-4	1.5	5	35	150	mg/m ³
2612	Bismuth germanate	12233-73-7	1.5	5	40	200	mg/m ³
2613	Sodium monoxide; (Sodium oxide)	12401-86-4	10	10	10	10	mg/m ³
2614	Vanadyl sulfate pentahydrate; (Vanadium(IV) sulfate oxide hydrate)	12439-96-2	0.0696	3	20	200	mg/m ³
2615	Potassium bismuthate	12589-75-2	1.25	4	25	200	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2616	Nickel carbonate hydroxide; (Basic nickel(II) carbonate)	12607-70-4	1.73	1.73	1.73	17.3	mg/m ³
2617	Chromium(VI) hydroxide	12626-43-6	0.005	0.03	0.1	15	mg/m ³
2618	Molybdate orange	12656-85-8	5	15	75	500	mg/m ³
2619	Polychlorinated biphenyl (Aroclor 1248); (Chlorodiphenyl (48% Cl))	12672-29-6	0.2	0.6	1	5	mg/m ³
2620	Silver hydroxide	12673-77-7	0.0116	0.0347	0.06	11.6	mg/m ³
2621	Polychlorinated biphenyl (Aroclor 1016); (Chlorodiphenyl (41% Cl))	12674-11-2	0.2	0.6	1	5	mg/m ³
2622	Hexacarbonylchromium; (Chromium hexacarbonyl)	13007-92-6	0.05	0.1	1.25	1.25	mg/m ³
2623	Nitromethane d3; (Trideuteronitromethane)	13031-32-8	20	60	100	750	ppm
2624	Hexanediol diacrylate, 1,6-	13048-33-4	1	3.5	25	500	mg/m ³
2625	Terbufos	13071-79-9	0.2	0.6	1	1	mg/m ³
2626	Cerium (iv) nitrate, 1.5	13093-17-9	10	30	50	250	mg/m ³
2627	Molybdic acid, diammonium salt; (Ammonium molybdate)	13106-76-8	10.2	30.7	51.1	500	mg/m ³
2628	Rubidium nitrate	13126-12-0	10	30	50	500	mg/m ³
2629	Nickel(II) nitrate; (Nickelous nitrate)	13138-45-9	3.11	3.11	12.5	31.1	mg/m ³
2630	Vinylformamide, N-	13162-05-5	5	15	100	500	mg/m ³
2631	Phosphamidon; (Famfos)	13171-21-6	0.06	0.15	0.3	60	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2632	Ethyl s,s-dipropylphosphorodithioate, O-; (Mocap PC-84; Ethoprophos)	13194-48-4	0.25	0.75	5	15	mg/m ³
2633	Mercuric trifluoroacetate	13257-51-7	0.0213	0.0638	0.0851	4.3	mg/m ³
2634	Bis(2-methylstyryl)benzene, 4-; (1,4-Bis(2-(2-methylphenyl)ethenyl)benzene)	13280-61-0	10	30	50	250	mg/m ³
2635	Cyclohexane-1,2-dinitrilotetraacetic acid, trans-; (CyDTA)	13291-61-7	10	30	50	250	mg/m ³
2636	Borane methyl sulfide complex; (Methyl sulfide complex with borane (1:1))	13292-87-0	0.1	0.3	2	10	ppm
2637	Beryllium hydroxide	13327-32-7	0.0095	0.0239	0.239	19.1	mg/m ³
2638	Cesium fluoride	13400-13-0	20	60	100	500	mg/m ³
2639	Sodium selenate; (Disodium selenate)	13410-01-0	0.479	1.44	1.6	1.6	mg/m ³
2640	Ammonium permanganate	13446-10-1	0.2	3	5	500	mg/m ³
2641	Magnesium nitrate hexahydrate	13446-18-9	20	60	400	500	mg/m ³
2642	Manganese(II) chloride tetrahydrate	13446-34-9	0.721	10.8	180	500	mg/m ³
2643	Potassium molybdate	13446-49-6	12.4	37.2	62.1	500	mg/m ³
2644	Gadolinium chloride hexahydrate, (anhydrous)	13450-84-5	40	75	75	75	mg/m ³
2645	Gallium trichloride	13450-90-3	6	20	32	100	mg/m ³
2646	Lead(II) perchlorate hydrate	13453-62-8	0.111	0.333	0.555	100	mg/m ³
2647	Lithium metaborate, anhydrous	13453-69-5	2	6	10	50	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2648	Cerium(iii) sulfate	13454-94-9	7.5	25	150	500	mg/m ³
2649	Potassium fluoride dihydrate	13455-21-5	12.4	37.2	61.9	500	mg/m ³
2650	Potassium bi-iodate	13455-24-8	4	12.5	75	400	mg/m ³
2651	Nickel(II) bromide	13462-88-9	3.72	3.72	3.72	37.2	mg/m ³
2652	Nickel carbonyl	13463-39-3	0.0029	0.036	0.036	0.16	ppm
2653	Iron pentacarbonyl	13463-40-6	0.06	0.06	0.06	0.18	ppm
2654	Titanium oxide; (Titanium dioxide)	13463-67-7	15	15	15	500	mg/m ³
2655	Potassium arsenite; (Arsenous acid, potassium salt)	13464-35-2	0.0195	0.0585	6	9.74	mg/m ³
2656	Tripotassium arsenate	13464-36-3	0.0342	0.103	0.171	17.1	mg/m ³
2657	Trisodium arsenate	13464-38-5	0.0277	0.0832	0.139	13.9	mg/m ³
2658	Arsenious acid	13464-58-9	0.0168	0.2	1.4	8.41	mg/m ³
2659	Indium sulfate	13464-82-9	0.225	0.676	1.13	4	mg/m ³
2660	Hydrazine nitrate; (Hydrazinium nitrate)	13464-97-6	1	3	5	25	mg/m ³
2661	Hydroxylamine nitrate	13465-08-2	7.62	15.2	26	150	mg/m ³
2662	Samarium(III) chloride hexahydrate	13465-55-9	12.5	40	250	500	mg/m ³
2663	Barium nitrite	13465-94-6	0.835	2.5	4.17	20	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2664	Barium phosphate	13466-20-1	0.788	2.36	4	20	mg/m ³
2665	Strontium nitrite; (Nitrous acid, strontium salt)	13470-06-9	0.04	0.1	0.75	75	mg/m ³
2666	Titanium(III) fluoride	13470-08-1	4.6	12.5	75	460	mg/m ³
2667	Tungsten(iv) chloride (tungsten tetrachloride)	13470-13-8	10	30	50	250	mg/m ³
2668	Uranyl hydroxide	13470-18-3a	0.0639	0.766	2.5	12.8	mg/m ³
2669	Uranyl hydroxide (liquids)	13470-18-3b	0.0639	0.766	2.5	12.8	mg/m ³
2670	Sodium perrhenate; (Rhenium(VII) sodium oxide)	13472-33-8	10	30	50	500	mg/m ³
2671	Sodium pyrophosphate decahydrate	13472-36-1	10	30	200	500	mg/m ³
2672	Sodium tungstate	13472-45-2	1	3	7.5	500	mg/m ³
2673	Aluminum(III) nitrate (1:3)	13473-90-0	15.8	47.4	350	500	mg/m ³
2674	Erbium(III) nitrate hexahydrate	13476-05-6	1	3	20	100	mg/m ³
2675	Calcium(II) nitrate tetrahydrate (1:2:4)	13477-34-4	15	50	350	500	mg/m ³
2676	Nickel(II) nitrate hexahydrate	13478-00-7	4.96	4.96	49.6	49.6	mg/m ³
2677	Iron(II) chloride tetrahydrate	13478-10-9	3.56	3.56	7.5	40	mg/m ³
2678	Cobalt(ii) perchlorate, hexahydrate	13478-33-6	0.124	0.373	0.621	60	mg/m ³
2679	Mercury nitrite	13492-25-6	0.0365	0.146	0.146	14.6	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2680	Tellurium	13494-80-9	0.1	0.3	20	25	mg/m ³
2681	Hansa yellow	13515-40-7	10	30	50	250	mg/m ³
2682	Sodium chromate decahydrate	13517-17-4	0.0329	0.987	20	98.7	mg/m ³
2683	Sodium metasilicate nonahydrate	13517-24-3	61.1	183	306	500	mg/m ³
2684	Iron(II) perchlorate hexahydrate	13520-69-9	6.33	19	31.6	150	mg/m ³
2685	Uranyl nitrate hexahydrate	13520-83-7	0.105	1.27	1.27	21.1	mg/m ³
2686	Zirconium chloride oxide octahydrate	13520-92-8	17.7	35.3	35.3	88.3	mg/m ³
2687	Aluminum phosphate; (Phosphoric acid, aluminum salt)	13530-50-2	23.8	71.4	119	500	mg/m ³
2688	Pigment yellow 36; (Zinc chromate)	13530-65-9	0.0176	0.106	15	52.9	mg/m ³
2689	Neodymium bromide	13536-80-6	10	30	50	250	mg/m ³
2690	Uranyl fluoride; (Uranium oxyfluoride)	13536-84-0	0.0647	0.776	2.5	12.9	mg/m ³
2691	Thulium chloride	13537-18-3	15	50	350	500	mg/m ³
2692	Chromium perchlorate, hydrated	13537-21-8	3.37	10.1	16.8	168	mg/m ³
2693	Iron(III) perchlorate	13537-24-1	6.34	19	31.7	150	mg/m ³
2694	Chromium(III) nitrate	13548-38-4	2.29	6.87	11.4	114	mg/m ³
2695	Ammonium-d4 deuterioxide	13550-49-7	10	29	177	883	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2696	Lithium nitrite	13568-33-7	0.025	0.06	0.4	40	mg/m ³
2697	Lithium molybdate	13568-40-6	9.06	27.2	45.3	200	mg/m ³
2698	Lithium deuteride	13587-16-1	0.0282	0.0282	0.1	0.5	mg/m ³
2699	Cerium sulfate	13590-82-4	1	3.5	20	100	mg/m ³
2700	Beryllium nitrate	13597-99-4	0.0295	0.0738	7.38	59	mg/m ³
2701	Phosphonic acid	13598-36-2	2	6	50	500	mg/m ³
2702	Uranium hydride; (Uranium(III) hydride)	13598-56-6	0.0506	0.608	2	10.1	mg/m ³
2703	Sodium cobaltinitrite	13600-98-1	0.125	0.4	3	15	mg/m ³
2704	Tetraamminepalladium(II) nitrate	13601-08-6	1.5	5	35	150	mg/m ³
2705	Sodium ferrocyanide	13601-19-9	5.44	16.3	27.2	500	mg/m ³
2706	Methylnitrosopiperidine, 3-; (Piperidine, 3-methyl-1-nitroso-)	13603-07-1	0.06	0.15	1.25	6	ppm
2707	Zinc perchlorate	13637-61-1	10	30	50	250	mg/m ³
2708	Chlorine pentafluoride	13637-63-3	0.1	0.3	1	8	ppm
2709	Nickel perchlorate	13637-71-3	6.23	6.23	6.23	62.3	mg/m ³
2710	Barium metaborate	13701-59-2	10	30	200	500	mg/m ³
2711	Vanadium(III) sulfate	13701-70-7	0.107	0.107	0.107	0.5	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2712	Lanthanum fluoride	13709-38-1	8.59	8.59	50	250	mg/m ³
2713	Neodymium fluoride	13709-42-7	8.83	26.5	44.1	250	mg/m ³
2714	Potassium metaborate	13709-94-9	12.5	35	250	500	mg/m ³
2715	Sodium metavanadate; (Sodium vanadate)	13718-26-8	0.1	0.35	2	30	mg/m ³
2716	Sodium pertechnetate	13718-28-0	10	30	50	250	mg/m ³
2717	Sodium uranium oxide monohydrate	13721-34-1	0.0685	0.822	2.5	13.7	mg/m ³
2718	Sodium orthovanadate	13721-39-6	0.182	0.25	1.82	35.4	mg/m ³
2719	Potassium ferricyanide	13746-66-2	5.9	17.7	30	500	mg/m ³
2720	Zirconium nitrate	13746-89-9	18.6	37.2	37.2	93	mg/m ³
2721	Sodium tetrafluoroborate(1-)	13755-29-8	3.61	10.8	18.1	100	mg/m ³
2722	Ytterbium fluoride	13760-80-0	10.1	10.1	10.1	10.1	mg/m ³
2723	Potassium dideuterium phosphate	13761-79-0	0.0015	0.004	0.0075	0.2	mg/m ³
2724	Calcium chromate	13765-19-0	0.015	0.0901	1.25	45	mg/m ³
2725	Nickel sulfamate; (Nickel(II) sulfamate)	13770-89-3	4.27	4.27	4.27	200	mg/m ³
2726	Sodium aluminum hydride	13770-96-2	3	7.5	60	300	mg/m ³
2727	Calcium nitrite	13780-06-8	0.03	0.075	0.6	50	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2728	Sulfuric Acid D2; (Deuteriosulfuric acid)	13813-19-9	1	1	3	15	mg/m ³
2729	Lead fluoborate	13814-96-5	0.0919	0.276	0.459	184	mg/m ³
2730	Tin fluoroborate	13814-97-6	4.93	14.8	25	246	mg/m ³
2731	Trimethoxysilyl)-1-propanamine, 3-(	13822-56-5	10	30	50	250	mg/m ³
2732	Thorium(IV) nitrate	13823-29-5	0.75	2	15	25	mg/m ³
2733	Thorium hydroxide	13825-36-0	0.75	0.75	2.5	75	mg/m ³
2734	Thallium nitrite	13826-63-6	0.123	0.368	0.613	18.4	mg/m ³
2735	Lead nitrite	13826-65-8	0.0722	0.217	0.361	1.5	mg/m ³
2736	Zirconyl nitrate; (Bis(nitrato-o)oxozirconium)	13826-66-9	12.7	25.3	25.3	63.4	mg/m ³
2737	Ammonium fluoborate	13826-83-0	3.45	3.45	6	20	mg/m ³
2738	Nitronium Tetrafluoroborate	13826-86-3	4.37	13.1	21.8	150	mg/m ³
2739	Bromine chloride	13863-41-7	10	30	50	250	mg/m ³
2740	Chromates	13907-45-4	0.0096	0.288	0.5	28.8	mg/m ³
2741	Molybdenum hexacarbonyl	13939-06-5	27.5	82.6	138	500	mg/m ³
2742	Nickel fluoride	13940-83-5	2.88	2.88	3	28.8	mg/m ³
2743	Potassium ferrocyanide; (Tetrapotassium hexacyanoferrate)	13943-58-3	11.8	35.4	59	59	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2744	Butylamine, sec-	13952-84-6	5	5	10	20	ppm
2745	Sodium deuterioxide	14014-06-3	0.15	0.5	5	50	mg/m ³
2746	Ferrous sulfamate	14017-39-1	1	3	5	25	mg/m ³
2747	Borane-tetrahydrofuran	14044-65-6	5	15	25	125	mg/m ³
2748	Potassium tetrafluoroborate(1-)	14075-53-7	4.14	124	207	414	mg/m ³
2749	Potassium pertechnetate	14133-76-7					mg/m ³
2750	Salcomine; (bis(Salicylaldehyde)ethylenediimine cobalt(II))	14167-18-1	7.5	20	39	400	mg/m ³
2751	Cobalt tetraphenylporphine	14172-90-8	10	30	50	250	mg/m ³
2752	Borate	14213-97-9	60	150	500	500	mg/m ³
2753	Potassium orthovanadate	14293-78-8	0.0638	0.191	0.638	44.6	mg/m ³
2754	Pigment green 36	14302-13-7	15	50	350	500	mg/m ³
2755	Lithium chromate; (Lithium chromate dihydrate)	14307-35-8	0.016	0.479	0.798	47.9	mg/m ³
2756	Ammonium tartrate	14307-43-8	10	10	10	10	mg/m ³
2757	Cinnamaldehyde, (E); (trans-Cinnamaldehyde)	14371-10-9	0.075	0.25	2	250	ppm
2758	Sodium nitroferricyanide	14402-89-2	0.6	2	12.5	20	mg/m ³
2759	Strontium phosphate; (Strontium orthophosphate)	14414-90-5	10	30	500	500	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2760	Glucose monohydrate, D(+)-; (Dextrose monohydrate glucose)	14431-43-7	10	30	50	250	mg/m ³
2761	Potassium hexacyanoferrate(II) trihydrate; (Potassiumate ferrocyanide trihydratetrihydrate)	14459-95-1	13.5	40.6	67.6	67.6	mg/m ³
2762	Cristobalite	14464-46-1	0.05	0.15	7.5	25	mg/m ³
2763	Zirconium hydroxide	14475-63-9	8.73	17.5	17.5	43.6	mg/m ³
2764	Lanthanum hydroxide	14507-19-8	0.2	0.75	2	2.5	mg/m ³
2765	Neodymium nitrate, pentahydrate	14517-29-4	10	30	50	250	mg/m ³
2766	Phenanthroline ferrous sulfate, 1,10-	14634-91-4	10	30	50	250	mg/m ³
2767	Zirconium sulfate tetrahydrate	14644-61-2	19.5	39	39	97.4	mg/m ³
2768	Ethyl-2-methylheptane, 3-	14676-29-0	15	50	350	1500	ppm
2769	Nitrate(s)	14797-55-8	10	30	50	250	mg/m ³
2770	Talc	14807-96-6	2	2	10	500	mg/m ³
2771	Silica, crystalline-quartz; (Silicon dioxide)	14808-60-7	0.3	0.3	0.3	50	mg/m ³
2772	Lanthanum phosphate	14913-14-5	0.3	0.75	3	3	mg/m ³
2773	Cupric nitrite	14984-71-5	0.122	0.184	0.6	60	mg/m ³
2774	Zirconium oxynitrate hydrate	14985-18-3	13.7	27.4	27.4	68.5	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2775	Bicyclo(2.2.1)heptane-2-carbonitrile, 5-chloro-6-(((methylamino)carbonyloxy)imino)-, (1s-(1-alpha,2-beta,4-alpha,5-alpha,6E))-	15271-41-7	3.5	10	19	19	mg/m ³
2776	Nitrilotriacetic acid, disodium salt; (Disodium nitrilotriacetate)	15467-20-6	6	15	125	500	mg/m ³
2777	Potassium tellurate	15571-91-2	0.211	0.634	1.06	2	mg/m ³
2778	Thallium(III) perchlorate hexahydrate	15596-83-5	0.299	0.897	7.5	44.8	mg/m ³
2779	Ammonium nickel sulfate	15699-18-0	4.89	4.89	5	48.9	mg/m ³
2780	Manganese(II) nitrate hydrate	15710-66-4	0.717	10.8	17.9	500	mg/m ³
2781	Triethylammonium bicarbonate buffer ph 8.5	15715-58-9	10	30	50	250	mg/m ³
2782	Cerium oxalate	15750-47-7	22.6	67.7	113	500	mg/m ³
2783	Cerium hydroxide	15785-09-8	0.75	0.75	2	75	mg/m ³
2784	Mercurous oxide	15829-53-5	0.026	0.104	0.104	10.4	mg/m ³
2785	Dimethyloctane, 3,5-	15869-93-9	100	200	500	2500	ppm
2786	Oxathiane, 1,4-	15980-15-1	4	12.5	75	400	ppm
2787	Thorium perchlorate	16045-17-3	31.4	94.3	157	500	mg/m ³
2788	Dicyclohexano-18-crown-6	16069-36-6	0.2	0.6	4	75	mg/m ³
2789	Bromo-3-chloro-5,5-dimethylhydantoin, 1-; (1-Bromo-3chloro-5,5-dimethyl-2,4-imidazolidinedione)	16079-88-2	6	15	125	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2790	Ethylidene norbornene	16219-75-3	0.2	0.2	100	500	ppm
2791	Bis(2-ethylhexyl) phenyl phosphate	16368-97-1	0.075	0.2	1.5	7.5	mg/m ³
2792	Monobutyl phosphite	16456-56-7	6	20	150	500	mg/m ³
2793	Neodymium hydroxide	16469-17-3	0.75	0.75	2	75	mg/m ³
2794	Gadolinium hydroxide	16469-18-4	0.75	0.75	2.5	75	mg/m ³
2795	Bromocyclohexanol, Cis-2-	16536-57-5	0.04	0.125	0.75	40	ppm
2796	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/m ³
2797	Magnesium acetate tetrahydrate	16674-78-5	0.75	2.5	20	100	mg/m ³
2798	Sodium sulfhydrate; (Sodium hydrosulfide)	16721-80-5	0.06	0.15	1.25	6	mg/m ³
2799	Potassium pyrosulfite	16731-55-8	20	60	400	500	mg/m ³
2800	Methomyl	16752-77-5	2.5	7.5	10	200	mg/m ³
2801	Ceric ammonium nitrate	16774-21-3	39.1	117	200	500	mg/m ³
2802	Vanadium sulfate	16785-81-2	0.5	1.5	10	50	mg/m ³
2803	Potassium phosphate dibasic trihydrate	16788-57-1	300	500	500	500	mg/m ³
2804	Cobalt hydrocarbonyl	16842-03-8	0.13	0.13	0.13	0.42	mg/m ³
2805	Lithium tetrahydroaluminate(1-); (Lithium aluminum hydride)	16853-85-3	2.81	2.81	7.5	35	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2806	Potassium hexafluorosilicate; (Silicate(2-), hexafluoro-, dipotassium)	16871-90-2	0.4	1.25	7.5	60	mg/m ³
2807	Fluoboric acid; (Tetrafluoroboric acid)	16872-11-0	2.89	2.89	7.5	40	mg/m ³
2808	Tetramethyl ammonium, tetrahydroborate(1-)	16883-45-7	0.3	1	6	35	mg/m ³
2809	Chloride	16887-00-6	0.5	1	1	10	ppm
2810	Disodium hexafluorosilicate, 2-	16893-85-9	4.12	4.12	5	5	mg/m ³
2811	Ammonium hexafluorosilicate; (Ammonium silicofluoride)	16919-19-0	3.91	11.7	20	30	mg/m ³
2812	Zirconium potassium fluoride; (Potassium fluorozirconate)	16923-95-8	37.3	149	149	373	mg/m ³
2813	Sodium borohydride	16940-66-2	0.075	0.2	1.5	7.5	mg/m ³
2814	Dihydrogen hexachloroplatinate; (Chloroplatinic acid)	16941-12-1	0.0042	0.0126	1.5	8.4	mg/m ³
2815	Lithium borohydride; (Lithium tetraborate)	16949-15-8	4.03	12.1	20.2	35	mg/m ³
2816	Silicofluoric acid; (Fluorosilicic acid)	16961-83-4	3.16	9.48	15.8	50	mg/m ³
2817	Fluorides (as F)	16984-48-8	2.5	2.5	2.5	250	mg/m ³
2818	Copper(II) perchlorate, dihydrate	17031-32-2	4.7	14.1	23.5	23.5	mg/m ³
2819	Aluminum hexafluorosilicate	17099-70-6	3.51	10.5	17.6	351	mg/m ³
2820	Iodine 125	17144-19-3	0.1	0.1	0.5	5	ppm
2821	Barium hydroxide	17194-00-2	0.624	1.87	3.12	100	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2822	Methylnonane, 4-	17301-94-9	2	6	40	200	ppm
2823	Dimethylnonane, 4,5.	17302-23-7	125	250	250	250	ppm
2824	Dimethyldecane, 2,2-	17302-37-3	50.3	50.3	259	1250	ppm
2825	Butyl chloroformate, sec-	17462-58-7	0.15	0.5	3.5	15	ppm
2826	Iminodiacetic acid, disodium salt hydrate	17593-73-6	35	100	500	500	mg/m ³
2827	Decaborane	17702-41-9	0.3	0.75	10	15	mg/m ³
2828	Formparanate	17702-57-7	1.5	4	7.2	7.2	mg/m ³
2829	Tetraethylene glycol diacrylate	17831-71-9	1	3.5	25	350	mg/m ³
2830	Nickel(II) nitrite	17861-62-0	1	1	1	10	mg/m ³
2831	Sodium triethylborohydride	17979-81-6	22.6	67.7	113	150	mg/m ³
2832	Dimethyltetramethoxydisiloxane, 1,3-	18186-97-5	10	30	50	250	mg/m ³
2833	Tin(IV) oxide; (Stannic oxide)	18282-10-5	2.54	7.62	12.7	127	mg/m ³
2834	Strontium hydroxide	18480-07-4	0.75	0.75	20	75	mg/m ³
2835	Disodium (2-ethylhexyl)phosphate	18541-72-5	0.02	0.06	0.4	2	mg/m ³
2836	Ferrous hydroxide	18624-44-7	3.5	10	75	400	mg/m ³
2837	Nitrilotriacetic acid, trisodium salt, monohydrate	18662-53-8	0.06	0.2	1.25	500	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2838	Manganous sulfide; (Manganese(II) sulfide)	18820-29-6	0.317	0.95	7.92	500	mg/m ³
2839	Molybdenum dioxide	18868-43-4	6.67	6.67	6.67	500	mg/m ³
2840	Ethylhexyl bromide, 2-	18908-66-2	10	30	50	250	mg/m ³
2841	Manganese hydroxide	18933-05-6	0.324	4.86	8.1	500	mg/m ³
2842	Sodium citrate; (Monosodium citrate)	18996-35-5	10	30	50	500	mg/m ³
2843	Cupric nitrate hemipentahydrate	19004-19-4	3.8	11.4	19	380	mg/m ³
2844	Phosphonic acid, dioctadecyl ester	19047-85-9	0.02	0.06	0.4	2	mg/m ³
2845	Diborane	19287-45-7	0.1	0.15	1	3.7	ppm
2846	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/m ³
2847	Naphthalenetrisulfonic acid sodium salt, 1,3,6-	19437-42-4	10	30	50	250	mg/m ³
2848	Dimethyl cyclopentanol, 1,3-	19550-46-0	10	30	50	250	mg/m ³
2849	Sodium strontium phosphate	19553-80-1	10	30	50	500	mg/m ³
2850	Lithium azide	19597-69-4	10	10	10	10	mg/m ³
2851	Pentaborane	19624-22-7	0.005	0.015	0.31	1	ppm
2852	Dodecen-1-yl)succinic anhydride, (2-; (DDSA)	19780-11-1	10	30	50	250	mg/m ³
2853	Lead hydroxide	19783-14-3	0.0582	0.175	0.3	1.5	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2854	Hexanitrostilbene	20062-22-0	0.25	0.75	6	30	mg/m ³
2855	Propyl-1-butanamine, N-	20193-21-9	15	50	350	500	mg/m ³
2856	Cesium oxide	20281-00-9	2.24	6.72	11.2	500	mg/m ³
2857	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
2858	Trimethyl-2,5,8,11-tetraoxatetradecan-13-ol, 4,7,10-	20324-34-9	10	30	50	250	mg/m ³
2859	Dianisidine dihydrochloride, o-; (3,3'-Dimethoxybenzidine dihydrochloride)	20325-40-0	0.1	0.35	2.5	7.5	mg/m ³
2860	Iron hydroxide oxide	20344-49-4	15.9	47.7	79.6	400	mg/m ³
2861	Zinc hydroxide	20427-58-1	0.6	0.6	1.5	60	mg/m ³
2862	Copper hydroxide	20427-59-2	1.54	4.61	7.68	400	mg/m ³
2863	Sodium diethyldithiocarbamate trihydrate	20624-25-3	6	15	125	500	mg/m ³
2864	Silver oxide	20667-12-3	10	30	50	50	mg/m ³
2865	Chromium(III) oxide hydroxide; (Chromium oxyhydroxide)	20770-05-2	0.817	1	7.5	40.9	mg/m ³
2866	Osmium tetroxide	20816-12-0	0.0027	0.0027	0.0096	1.34	ppm
2867	Vsub; (VXR)	20820-80-8	0.00006	0.0002	0.00125	0.006	ppm
2868	Digoxin	20830-75-5	0.04	0.125	0.2	0.35	mg/m ³
2869	Aluminum phosphide	20859-73-8	10.7	10.7	20	20	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2870	Cobalt hydroxide	21041-93-0	0.0315	0.0946	0.158	0.75	mg/m ³
2871	Cadmium hydroxide	21041-95-2	0.0065	0.0391	4	11.7	mg/m ³
2872	Fusariotoxin T2; (T2-Trichothecene)	21259-20-1	0.0015	0.004	0.03	0.4	mg/m ³
2873	Ethylenediaminetetraacetic acid, ferric ammonium salt	21265-50-9	2.5	7.5	50	250	mg/m ³
2874	Cesium hydroxide	21351-79-1	2	2	7.5	250	mg/m ³
2875	Fosthietan	21548-32-3	0.75	2.5	4.7	4.7	mg/m ³
2876	Leptophos	21609-90-5	6	15	30	30	mg/m ³
2877	Aluminum hydroxide	21645-51-2	1.5	4.5	125	125	mg/m ³
2878	Rhodium(III) hydroxide (liquids)	21656-02-0a	0.0015	0.045	0.6	2.99	mg/m ³
2879	Rhodium(III) hydroxide (solids)	21656-02-0b	0.15	4.49	7.5	150	mg/m ³
2880	Mercury(II) oxide; (Mercuric oxide)	21908-53-2	0.027	0.108	1.08	10.8	mg/m ³
2881	Chlorthiophos	21923-23-9	0.35	1	7.8	7.8	mg/m ³
2882	Europium (II) Iodide	22015-35-6	10	30	50	250	mg/m ³
2883	Nicotine salts; (dl-beta-Nicotine; DL-Nicotine)	22083-74-5	1.29	3.5	3.5	75	mg/m ³
2884	Copper(I) sulfide	22205-45-4	1.25	3.76	6.26	30	mg/m ³
2885	Fenamiphos	22224-92-6	0.05	0.15	0.9	40	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2886	Bismuth acetate	22306-37-2	10	30	50	250	mg/m ³
2887	Aminoacetaldehyde dimethyl acetal (2,2-dimethoxyethylamine)	22483-09-6	10	30	50	250	mg/m ³
2888	Trifluoro-1-(2-thienyl)-1,3-butanedione, 4,4,4- boron difluoride	22502-27-8	0.75	2.5	15	75	mg/m ³
2889	Lithium triethylborohydride, super-hydride	22560-16-3	1.5	5	35	150	mg/m ³
2890	Calcium chloride hydrate	22691-02-7	30	100	450	500	mg/m ³
2891	Sodium bis(2-methoxyethoxy) aluminum hydride	22722-98-1	15	45	75	350	mg/m ³
2892	Ethylbenzaldehyde, 2-	22927-13-5	10	30	200	1000	ppm
2893	Methyl mercury	22967-92-6	0.0107	0.0322	0.043	0.2	mg/m ³
2894	Oxamyl	23135-22-0	0.35	1	1.7	15	mg/m ³
2895	Formetanate hydrochloride	23422-53-9	3.5	10	18	18	mg/m ³
2896	Pirimifos-ethyl	23505-41-1	5	15	25	60	mg/m ³
2897	Propanol, zirconium(4+) salt, 1-	23519-77-9	18	53.9	89.8	180	mg/m ³
2898	Triazofos; (Triazophos)	24017-47-8	0.5	1.5	2.8	125	mg/m ³
2899	Di-tert-butyl dicarbonate	24424-99-5	0.4	1.25	7.5	40	mg/m ³
2900	Diisopropylaniline, 2,6-	24544-04-5	35	100	500	500	mg/m ³
2901	Tripropylene glycol; (((1-methyl-1,2-ethanediyl)bis(oxy))bis-propanol)	24800-44-0	1.5	5	35	150	ppm

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2902	Chlormephos	24934-91-6	1.25	4	7	35	mg/m ³
2903	Ethylene/vinyl acetate copolmer	24937-78-8	10	30	50	250	mg/m ³
2904	Glycols, polyethylene, dimethyl ether	24991-55-7	75	200	500	500	mg/m ³
2905	Methylenebisacrylamide copolymer, n,n-	25034-58-6	10	30	50	250	mg/m ³
2906	Epoxy resin; (Epichlorohydrin-bisphenol A resin)	25036-25-3	7.5	25	150	500	mg/m ³
2907	Polyamide 6; (Capron; Poly(iminocarbonylpentamethylene))	25038-54-4	10	30	200	500	mg/m ³
2908	Vinyl acrylic resin; (Vinyl acetate, polymer with n-butyl acrylate)	25067-01-0	10	30	50	250	mg/m ³
2909	Epoxy resin (EPON 1001)	25068-38-6a	125	350	500	500	mg/m ³
2910	Epoxy resin (EPON 1007)	25068-38-6b	125	350	500	500	mg/m ³
2911	Epoxy resin (EPON 820)	25068-38-6c	50	150	500	500	mg/m ³
2912	Epoxy resin ERL-2795	25068-38-6d	4	12.5	100	500	mg/m ³
2913	Vinylpyrrolidone/vinyl acetate copolymer	25086-89-9	100	250	250	250	mg/m ³
2914	Styrene-allyl alcohol copolymer	25119-62-4	10	30	50	250	mg/m ³
2915	Nadic methyl anhydride	25134-21-8	0.75	2	15	75	mg/m ³
2916	Polysulfone resin	25135-51-7	10	30	50	250	mg/m ³
2917	Nonyl phenol (mixed isomers)	25154-52-3	6	20	125	500	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2918	Nitrophenol (mixed isomers)	25154-55-6	0.75	2.5	15	75	mg/m ³
2919	Sodium dodecylbenzenesulfonate; (Dodecyl benzene sodium sulfonate)	25155-30-0	4	12.5	75	200	mg/m ³
2920	Trimethyl-1,3-pentanediol monoisobutyrate, 2,2,4-; (Texanol)	25265-77-4	25	75	500	500	mg/m ³
2921	Bis(1-methylethyl)benzene; (Diisopropylbenzene)	25321-09-9	5	15	100	500	mg/m ³
2922	Dinitrotoluene	25321-14-6	0.2	0.6	12.5	50	mg/m ³
2923	Tetrachloroethane (mixed isomers)	25322-20-7	1.5	5	35	400	ppm
2924	Polyethylene glycol	25322-68-3	10	60	500	500	mg/m ³
2925	Polypropylene glycols	25322-69-4	10	30	200	500	mg/m ³
2926	Diethyl benzene isomers; (Dowtherm J)	25340-17-4	5	10	100	500	ppm
2927	Triethylbenzene (mixed isomers)	25340-18-5	6	15	125	600	ppm
2928	Dodecenylsuccinic anhydride	25377-73-5	5	15	100	500	mg/m ³
2929	Tripropylene glycol methyl ether	25498-49-1	12.5	40	250	500	mg/m ³
2930	Dinitrophenol	25550-58-7	0.25	0.75	5	25	mg/m ³
2931	Poly(1-(2-oxo-1-pyrrolidinyl)ethylene)iodine complex; (Iodine solutions)	25655-41-8	12.5	25	25	125	mg/m ³
2932	Zirconium nitride	25658-42-8	5.77	11.5	11.5	28.8	mg/m ³
2933	Styrenesulfonate), Poly(Sodium 4-	25704-18-1	150	500	500	500	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2934	Polyethylene glycol dimethacrylate	25852-47-5	10	30	50	250	mg/m ³
2935	Epoxy resin; (Epichlorhydrin + diethylene glycol)	25928-94-3	0.06	0.2	1.25	6	mg/m ³
2936	Glycols, polyethylene, mono(p-nonylphenyl) ether; (Nonoxynol-9)	26027-38-3	0.025	0.075	0.6	60	mg/m ³
2937	Diallyldimethylammonium chloride polymer	26062-79-3	12.5	35	250	500	mg/m ³
2938	Polymaleic acid; (2-Butenediiodic acid homopolymer)	26099-09-2	10	30	50	250	mg/m ³
2939	Lithium nitride	26134-62-3	10	10	10	10	mg/m ³
2940	Terphenyls; (Diphenylbenzene)	26140-60-3	5	5	9	500	mg/m ³
2941	Chloro-methyl-isothiazolin-3-one, 5-	26172-55-4	0.2	0.6	1	1	mg/m ³
2942	Sodium tridecylbenzene sulfonate	26248-24-8	2	6	40	200	mg/m ³
2943	Sorbitan trioleate	26266-58-0	15	50	350	500	mg/m ³
2944	Carbamic acid, methyl-, O-(((2,4-dimethyl-1,3-dithiolan-2-yl)methylene)amino)-	26419-73-8	0.2	0.6	1	1	mg/m ³
2945	Diphenyl o-cresol phosphate; (Diphenyl cresol phosphate)	26444-49-5	2.5	7.5	50	500	mg/m ³
2946	Methylenebis(isocyanato-benzene), 1,1'-; (Diphenyl methane diisocyanate)	26447-40-5	5	15	25	125	mg/m ³
2947	Toluene-1,3-diisocyanate	26471-62-5	0.25	0.75	1.5	1.5	ppm
2948	Dimethyldicyclopentadiene	26472-00-4	7.5	25	200	500	mg/m ³
2949	Dodenyl succine anhydride; (Tetrapropenylsuccinic anhydride)	26544-38-7	10	30	200	500	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2950	Poly(ethylene glycol)diacrylate	26570-48-9	1.5	5	35	150	mg/m ³
2951	Poly(acrylamide-co-dially	26590-05-6	10	30	50	250	mg/m ³
2952	Sodium azide	26628-22-8	0.29	0.29	0.29	12.5	mg/m ³
2953	Igepal Ca-, 720	26636-32-8	3	7.5	60	300	mg/m ³
2954	Dichloropropane	26638-19-7	10	300	400	400	ppm
2955	Forane	26675-46-7	2000	5000	5000	5000	ppm
2956	Neodecanoic acid	26896-20-8	12.5	40	300	500	mg/m ³
2957	Trichloro(dichlorophenyl) silane	27137-85-5	0.03	0.1	0.698	0.698	ppm
2958	Dodecylbenzene sulfonic acid; (Laurylbenzenesulfonic acid)	27176-87-0	2.5	7.5	50	250	mg/m ³
2959	Dodecylphenol, 4-; (mixture of isomers)	27193-86-8	7.5	25	150	500	mg/m ³
2960	Stilbene 3; (Stilbene 420; Tinopal CBS, Disodium 4,4'-bis(2-sulfostyryl)biphenyl)	27344-41-8	0.25	0.75	6	500	mg/m ³
2961	Acetic acid ethenyl ester, polymer with 1,1-bis(ethenyloxy) butane and ethenol	27360-07-2	10	30	50	250	mg/m ³
2962	Diammonium molybdate	27546-07-2	8.81	8.81	8.81	500	mg/m ³
2963	Vanadyl sulfate; (Oxysulfatovanadium)	27774-13-6	0.05	0.5	0.5	35	mg/m ³
2964	Phenol, polymer with formaldehyde, oxiranylmethyl ether	28064-14-4	15	50	350	500	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2965	Hexamethylene diisocyanate polymer	28182-81-2	7.5	25	200	500	mg/m ³
2966	Trinitrochlorobenzene, 2,4,6-; (Picryl chloride)	28260-61-9	10	30	50	250	mg/m ³
2967	Aminoheptane, 3-; (3-Heptylamine)	28292-42-4	0.06	0.15	1.25	6	ppm
2968	Antimony potassium tartrate trihydrate	28300-74-5	1.31	3.92	6.53	131	mg/m ³
2969	Xylylene dichloride	28347-13-9	0.4	1.25	2	75	mg/m ³
2970	Diethyl (methylthiomethyl) phosphonate	28460-01-7	0.05	0.15	1	5	ppm
2971	Bromadiolone	28772-56-7	0.2	0.6	1	1	mg/m ³
2972	Dimethylpolysilane	28883-63-8	0.75	2.5	10	25	mg/m ³
2973	Dihydro-3-(Nonenyl)-2,5-furandione	28928-97-4	10	30	50	250	mg/m ³
2974	Butyl methyl-d3 ether, tert-	29366-08-3	50	150	4000	4000	ppm
2975	Methyl-1H-benzotriazole	29385-43-1	10	30	50	300	mg/m ³
2976	Potassium antimonate	29638-69-5	2.1	6.31	10.5	210	mg/m ³
2977	Tris((hydroxymethyl)methylamino)propane-1-sulphonic acid, 3-	29915-38-6	10	30	50	250	mg/m ³
2978	Paraformaldehyde	30525-89-4	4	12.5	75	100	mg/m ³
2979	Epoxy resin, cured	30583-72-3	10	30	50	250	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2980	Isocyanatoethyl methacrylate, 2-	30674-80-7	0.02	0.06	0.1	1	ppm
2981	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/m ³
2982	Sodium p-tert-amylphenate; (4-(1,1-dimethylpropyl)phenol, sodium salt)	31366-95-7	10	30	50	250	mg/m ³
2983	Glyceryl monostearate; (Octadecanoic acid, monoester with 1,2,3-propanetriol)	31566-31-1	10	30	50	75	mg/m ³
2984	Samarium(ii) iodide solution	32248-43-4	7.5	25	150	500	mg/m ³
2985	Octadecyl methacrylate	32360-05-7	10	30	50	250	mg/m ³
2986	Sodium antimonate; (Sodium hexahydroxoantimonate)	33908-66-6	0.792	2.37	4	79.2	mg/m ³
2987	Butanol, N-(d10)	34193-38-9	0.5	1.5	10	50	ppm
2988	Dihydro-4-methyl furan, 2,3-	34314-83-5	1.5	5	35	150	mg/m ³
2989	Phenol red, sodium salt	34487-61-1	7.5	25	150	500	mg/m ³
2990	Dipropylene glycol methyl ether	34590-94-8	100	150	150	400	ppm
2991	Iron(III) sulfate heptahydrate	35139-28-7	4.98	14.9	25	500	mg/m ³
2992	Saxitoxin	35523-89-8	0.000035	0.0001	0.0006	0.0035	mg/m ³
2993	Amino-4,6-dinitrotoluene, 2-	35572-78-2	6	15	125	500	mg/m ³
2994	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/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
2995	Camphorsulfonic acid, (1R)-(-)-10-	35963-20-3	4	12.5	75	400	mg/m ³
2996	Uranyl nitrate; (yellow salt)	36478-76-9	0.0828	0.993	0.993	16.6	mg/m ³
2997	Hexadecanol, 1-	36653-82-4	2.5	7.5	60	300	mg/m ³
2998	Vanadium(II) sulfate heptahydrate	36907-42-3	0.05	0.05	0.05	0.25	mg/m ³
2999	Oxone, monopersulfate compound	37222-66-5	10	30	50	250	mg/m ³
3000	Polyethylene glycol 20M	37225-26-6	10	30	500	500	mg/m ³
3001	Metaphosphoric acid	37267-86-0	10	30	50	250	mg/m ³
3002	Polychlorinated biphenyl (Aroclor 1262); (Chlorodiphenyl (62% Cl))	37324-23-5	1	3	5	5	mg/m ³
3003	Sodium nickel oxide (Liquid)	37367-09-2	2.33	2.33	2.33	23.3	mg/m ³
3004	Amberlite; (Amberlite XAD7HP)	37380-43-1	10	30	50	200	mg/m ³
3005	Ammonium hydrogen oxalate hemihydrate	37541-72-3	7.5	25	150	500	mg/m ³
3006	Disodium ethylenediaminediacetate (S and U isomers)	38011-25-5	4	12.5	75	400	mg/m ³
3007	Diisopropylnaphthalene; (Bis(isopropyl)naphthalene)	38640-62-9	12.5	40	300	500	mg/m ³
3008	Butyl-2-methylcyclopropane, T-1-	38851-70-6	10	30	50	250	mg/m ³
3009	Octachlorodibenzofuran, 1,2,3,4,6,7,8,9-	39001-02-0	0.003	0.0075	0.06	10	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3010	Thiofanox; (Dacamox)	39196-18-4	8.5	8.5	8.5	30	mg/m ³
3011	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/m ³
3012	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/m ³
3013	Magnesium carbonate-magnesium hydroxide, pentahydrate	39409-82-0	48.8	97.7	163	500	mg/m ³
3014	Titanium aluminide	39410-63-4	10	30	50	250	mg/m ³
3015	Polyoxypropylene polyamine	39423-51-3	10	30	50	250	mg/m ³
3016	Nickel carbonate hydroxide; (Basic nickel carbonate tetrahydrate)	39430-27-8	2.14	2.14	4	21.4	mg/m ³
3017	Chromium(III) acetate hydroxide	39430-51-8	2.4	7.21	12.5	120	mg/m ³
3018	Pentachlorobenzo-p-dioxin, 1,2,3,7,8-	40321-76-4	0.00075	0.0025	0.015	0.075	mg/m ³
3019	Lewisite 2; (Bis(2-chlorovinyl)chloroarsine)	40334-69-8	0.12	0.12	0.12	0.74	mg/m ³
3020	Lewisite 3; (Tris(2-chlorovinyl)arsine)	40334-70-1	0.12	0.12	0.12	0.74	mg/m ³
3021	Dimethyl(1-phenylethyl)benzene	40766-31-2	4	12.5	75	500	mg/m ³
3022	Tin nitrate	41480-79-9	4.09	12.3	20.4	204	mg/m ³
3023	Nabumetone; (Relafen; 4-(6-methoxy-2-naphthyl)-2-butanone)	42924-53-8	10	30	125	500	mg/m ³
3024	Trimethyldecane, 3,3,4-	49622-18-6	46.5	46.5	239	1250	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3025	Trimethylolpropane ethoxylate	50586-59-9	10	30	50	250	mg/m ³
3026	Ethyl-S-dimethylaminoethyl methylphosphonothiolate; (VX nerve agent)	50782-69-9	0.000005	0.000016	0.00027	0.00091	ppm
3027	Potassium nickel oxide (liquids); (Nickel potassium oxide)	50811-97-7	2.88	2.88	3	28.8	mg/m ³
3028	Bacto peptone	51142-18-8	10	30	50	250	mg/m ³
3029	Tetrachlorodibenzofuran, 2,3,7,8-	51207-31-9	0.0006	0.002	0.002	0.002	mg/m ³
3030	Molybdophosphoric acid; (Phosphomolybdic acid hydrate)	51429-74-4	8.07	8.07	8.07	500	mg/m ³
3031	Giemsa's stain; (... blood stain)	51811-82-6	10	30	50	250	mg/m ³
3032	Ammonium lactate	52003-58-4	10	30	50	250	mg/m ³
3033	Ethyl-5-methylheptane, 3-	52896-90-9	0.06	0.2	1.25	5000	ppm
3034	Tetramethylammonium silicate	53116-81-7	10	30	50	250	mg/m ³
3035	Potassium strontium phosphate	53201-92-6	10	30	50	500	mg/m ³
3036	Polychlorinated biphenyl (Aroclor 1242); (Chlorodiphenyl (42% Cl))	53469-21-9	1	3	5	5	mg/m ³
3037	Tetrachlorodibenzo-p-dioxin, 1,2,3,8-	53555-02-5	0.004	0.0125	0.075	0.4	mg/m ³
3038	Pyriminil; (Pyriminyl)	53558-25-1	1.25	3.5	6.2	20	mg/m ³
3039	Trimethyloctane, 2,6,6-	54166-32-4	54.8	54.8	282	1250	ppm

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3040	Tetramethylbenzidine, 3,3',5,5'-	54827-17-7	0.5	1.5	10	60	mg/m ³
3041	Butyl-3-iodo-2-propynyl ester carbamic acid	55406-53-6	10	30	50	250	mg/m ³
3042	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/m ³
3043	Trimethyl-2-hexene, 4,4,5-	55702-61-9	10	30	50	250	mg/m ³
3044	Pentachlorodibenzofuran, 2,3,4,7,8-	57117-31-4	0.000025	0.000075	0.0006	0.4	mg/m ³
3045	Pentachlorodibenzofuran, 1,2,3,7,8-	57117-41-6	0.0025	0.0075	0.06	0.3	mg/m ³
3046	Hexachlorodibenzofuran, 1,2,3,6,7,8-	57117-44-9	0.00075	0.0025	0.015	0.075	mg/m ³
3047	Hypophosphorous acid; (Hydrophosphorus acid-d3 solution, 50 wt.% in D2.O)	57583-56-9	0.75	2.5	15	300	ppm
3048	Hexachlorodibenzo-p-dioxin, 1,2,3,6,7,8-	57653-85-7	0.005	0.015	0.1	0.5	mg/m ³
3049	Ethyl O-2-diisopropylaminoethylmethylphosphonite, QL O-	57856-11-8	10	30	50	250	mg/m ³
3050	Dichloro(4,4-dimethylzinc -5(((methylamino)carbonyl)oxy)-imino)pentanenitrile), (trans-4)-; (Ethienocarb)	58270-08-9	1.5	5	9	9	mg/m ³
3051	Hexamethylenetetraamine hydrochloride	58713-21-6	10	30	50	250	mg/m ³
3052	Methyl acetylene-propadiene mixture; (MAPP)	59355-75-8	1000	1250	1250	3400	ppm
3053	Perfluoroalkylether polymer; (Capped homopolymers of hexafluoropropylene epox, Fluorine End-)	60164-51-4	75	250	500	500	mg/m ³
3054	Chloromethylated aminated styrene-divinylbenzene resin; (Bio-Rad AG1-X8 anion exchange resin, formate form)	60177-39-1	10	30	50	250	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3055	Cobalt(II) sulfate hydrate	60459-08-7	0.0587	0.176	0.3	294	mg/m ³
3056	Dibutylboron triflate; (Dibutylboryl trifluoromethanesulfonate)	60669-69-4	12	36.1	60.1	500	mg/m ³
3057	Monosodium titanate	60704-88-3	10	30	50	250	mg/m ³
3058	Hexachlorodibenzofuran, 2,3,4,6,7,8-	60851-34-5	0.0005	0.0015	0.01	0.05	mg/m ³
3059	Antioxidant G-16 (most toxic antiox)	61373-87-3	10	30	50	125	mg/m ³
3060	Hydrogenated terphenyl	61788-32-7	0.5	1.5	2.5	500	mg/m ³
3061	Estane; (Polyurethane resin; Urethane rubber)	61789-63-7	10	30	50	250	mg/m ³
3062	Sulfonic acids, petroleum; (Petrolatum acid sulfonate)	61789-85-3	10	30	50	250	mg/m ³
3063	Mastic (resin)	61789-92-2	4	12.5	100	500	mg/m ³
3064	Naphthenic acid, lead salt	61790-14-5	0.0544	0.163	30	109	mg/m ³
3065	Diatomaceous earth; (Silica-amorphous diatomaceous earth (uncalcined))	61790-53-2	6	18	30	500	mg/m ³
3066	Dv methyl ester; (Methyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate)	61898-95-1	10	30	50	250	mg/m ³
3067	Sepharose cl-4b	61970-08-9	10	30	50	250	mg/m ³
3068	Trimethyloctane, 2,2,6-	62016-28-8	54.8	54.8	282	1250	ppm
3069	Trimethyloctane, 2,3,7-	62016-34-6	54.8	54.8	282	1250	ppm

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3070	Trimethyloctane, 2,4,6-	62016-37-9	54.8	54.8	282	1250	ppm
3071	Tripotassium (2-hydroxyethyl)-ethylenediaminetriacetate; (Tripotassium HEDTA)	62029-50-9	0.35	1	7.5	40	ppm
3072	Trimethyldecane, 2,5,6-	62108-23-0	46.5	46.5	239	1250	ppm
3073	Cobalt, ((2,2'-(1,2-ethanediybis(nitrilomethylidyne))bis(6-fluorophenolato))(2-)-N,N',O,O')-	62207-76-5	0.15	0.4	3	15	mg/m ³
3074	Trimethyldecane, 2,2,8-	62238-01-1	46.5	46.5	239	1250	ppm
3075	DEAE SEPHAROSE CL-6B	62610-50-8	10	30	50	250	mg/m ³
3076	Polymethylhydrosiloxane; (Methyl hydrogen polysiloxane)	63148-57-2	10	30	50	250	mg/m ³
3077	Siloxanes and silicones; (Silicone fluid, high temp)	63148-58-3	10	10	50	250	mg/m ³
3078	Dimethyl siloxane; (Syltherm XLT; Silicone 360)	63148-62-9	15	50	350	500	mg/m ³
3079	Alkylamines (includes nitrogen mustard, triethylmelamine, etc.)	63231-48-1	10	30	50	250	mg/m ³
3080	Silica gel	63231-67-4	10	30	50	250	mg/m ³
3081	Molecular sieve 13X	63231-69-6	7.5	25	150	500	mg/m ³
3082	Aliquat 336; (Adogen 464; Quaternary ammonium compounds, tri(C8-10)-alkylmethyl-, chlorides)	63393-96-4	30	75	500	500	mg/m ³
3083	Siloprene k 1000	63394-02-5	35	100	500	500	mg/m ³
3084	Bis(2-chloroethylthio)methane	63869-13-6	0.05	0.15	1	5	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3085	Bis(2-chloroethylthio)-n-propane, 1,3-	63905-10-2	0.06	0.15	1.25	6	mg/m ³
3086	Bis(2-chlorethylthioethyl) ether; (2-2'-Di(3-chloroethylthio)diethyl ether	63918-89-8	0.3	0.75	6	30	mg/m ³
3087	Bis(2-chloroethylthiomethyl)ether	63918-90-1	0.06	0.15	1.25	6	mg/m ³
3088	Trimethyl-2-oxepanone (mixed isomers); (Hexanoic acid, 6-hydroxytrimethyl, e-lactone; Trimethyl-E-lactone)	64047-30-9	30	75	500	500	mg/m ³
3089	Trisodium arsenate, heptahydrate; (Arsenic(V) acid, trisodium salt, heptahydrate (1:3:7))	64070-83-3	0.0446	0.134	0.223	22.3	mg/m ³
3090	Disodium butylphosphate	64114-42-7	0.02	0.06	0.4	2	mg/m ³
3091	Charcoal, activated	64365-11-3	10	30	50	250	mg/m ³
3092	Bis(tris(hydroxymethyl)methylamino)propane, 1,3-; (Bis-tris propane)	64431-96-5	10	30	50	250	mg/m ³
3093	Petroleum spirits; (Mineral spirits; Soltrol)	64475-85-0	20	60	400	2000	ppm
3094	Naphtha (petroleum), light straight-run	64741-46-4	100	300	500	1000	ppm
3095	Mineral oil, petroleum distillates, heavy naphthenic	64741-53-3	0.2	0.6	100	500	mg/m ³
3096	Naphtha (petroleum), heavy catalytic cracked	64741-54-4	15	40	300	500	mg/m ³
3097	Mineral oil, petroleum distillates, solvent-refined (mild) heavy paraffinic	64741-88-4	0.2	0.6	1	500	mg/m ³
3098	Mineral oil, petrolleum distillates, solvent refined light naphthenic	64741-97-5	40	125	500	500	mg/m ³
3099	Petroleum mineral oil; (Extracts, petroleum, middle distillate solvent)	64742-06-9	10	30	500	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3100	Petroleum distillates, clay-treated light naphthenic	64742-45-6	20	60	400	500	mg/m ³
3101	Hydrotreated Middle Distillate (Petroleum base oil)	64742-46-7	3	7.5	60	300	mg/m ³
3102	Naphtha, hydrotreated heavy; (Isopar L-rev 2)	64742-48-9	171	513	855	1250	ppm
3103	Virginia refrigeration oil 150 and 300; (Mineral oil, petroleum distillates, hydrotreated (mild) heavy naphthenic)	64742-52-5	15	40	300	500	mg/m ³
3104	Transformer oil; (Mineral oil, petroleum distillates, hydrotreated (mild) light naphthenic)	64742-53-6	5	15	100	500	mg/m ³
3105	Hydrotreated (mild & severe) heavy paraffinic distillates	64742-54-7	60	150	500	500	mg/m ³
3106	Pump oil	64742-65-0	100	300	500	500	mg/m ³
3107	Solvent naphtha, petroleum, medium aliphatic; (Mineral spirits, naphtha)	64742-88-7	10	30	50	500	mg/m ³
3108	Rubber solvent; (Naphtha (petroleum) light aliphatic)	64742-89-8	100	100	200	1000	ppm
3109	Aromatic hydrocarbon solvents; (High flash naphtha distillates; Solvent naphtha (petroleum), light aromatic)	64742-95-6	500	750	750	750	ppm
3110	Naphtha, heavy aliphatic solvent	64742-96-7	10	30	50	250	mg/m ³
3111	Petroleum coke, calcined	64743-05-1	10	30	50	500	mg/m ³
3112	Paraffins, petroleum, normal C5-C20	64771-72-8	300	300	300	300	ppm
3113	Chlorsulfuran	64902-72-3	0.125	0.35	2.5	500	mg/m ³
3114	Percoll	65455-52-9	10	30	50	250	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3115	Zonyl fsn fluorosurfactant	65545-80-4	60	150	500	500	mg/m ³
3116	Sephacryl s-200, superfine	65546-95-4	10	30	50	250	mg/m ³
3117	Polyurethane prepolymer of MDI + polyether polyol	65636-36-4	10	30	50	250	mg/m ³
3118	Coal tar pitch volatiles; (Particulate polycyclic aromatic hydrocarbons)	65996-93-2	0.2	0.6	12.5	80	mg/m ³
3119	Fibrous glass; (Fiber glass; Glass frit; Synthetic vitreous fibers)	65997-17-3	5	15	60	500	mg/m ³
3120	Sodium uranate; (Sodium diuranate)	66018-57-3	0.0779	0.935	3	15.6	mg/m ³
3121	Alkyd resins and rosin	66070-62-0	10	30	50	250	mg/m ³
3122	Triphenylmethane triglycidyl ether	66072-38-6	10	30	50	250	mg/m ³
3123	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/m ³
3124	Polymerized Linseed Oil	67746-08-1	7.5	25	150	500	mg/m ³
3125	Siloxanes and silicones, -di-Me,-reaction products with silica; (Hydrophobic silicon dioxide, amorphous)	67762-90-7	6	15	125	500	mg/m ³
3126	Poly(melamine-co-formaldehyde), methylated	68002-20-0	60	150	500	500	mg/m ³
3127	Decene, 1-, homopolymer, hydrogenated	68037-01-4	10	30	50	250	mg/m ³
3128	Methylhydrosiloxane (3-4%) + dimethylsiloxane (96-97%) copolymer	68037-59-2	10	30	50	250	mg/m ³
3129	Poly(dimethylsiloxane), ethoxylated, dihydroxy terminated; (Silicon oil polymer)	68037-63-8	75	250	500	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3130	Methylvinyl,dimethylsiloxane copolymer,vinyl terminated	68083-18-1	10	30	50	250	mg/m ³
3131	Poly(dimethylsiloxane),vi	68083-19-2	60	200	500	500	mg/m ³
3132	Polyurethane prepolymer of MDI	68092-58-0	10	30	50	250	mg/m ³
3133	Humic acid, sodium salt	68131-04-4	2	6	40	200	mg/m ³
3134	Grease; (Animal grease, inedible)	68153-81-1	10	30	50	250	mg/m ³
3135	Tall oil (alkyd resin)	68333-62-0	10	30	50	250	mg/m ³
3136	Alkanes, C4-12-	68333-81-3	300	385	385	2000	ppm
3137	Diesel fuels	68334-30-5	100	100	500	500	mg/m ³
3138	C-18 Unsaturated fatty acid, dimers, reaction products with polyethylenepolyamines; (Versamid 140 polyamide resin; Versamid 125)	68410-23-1	10	30	50	250	mg/m ³
3139	Chlorinated polyolefins	68410-99-1	10	30	50	250	mg/m ³
3140	Nonylphenoxypolyethoxyethanol	68412-54-4	10	30	50	250	mg/m ³
3141	Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides	68424-85-1	1.5	5	35	150	mg/m ³
3142	Ethoxylated alcohols, C16-18; (Nonionic surfactant)	68439-49-6	5	15	100	500	mg/m ³
3143	Brown menhaden fish oil	68440-42-6	10	30	50	250	mg/m ³
3144	Diesel fuel marine; (Fuel oil No.2)	68476-30-2	100	100	100	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3145	Fuel oil, residual	68476-33-5	35	100	500	500	mg/m ³
3146	Lubricating oil, rerefined	68476-77-7	10	30	50	250	mg/m ³
3147	Liquified petroleum gas; (L.P.G.)	68476-85-7	1000	2000	2000	2000	ppm
3148	Petroleum distillates, low boiling	68477-31-6	85	255	445	1100	ppm
3149	Alcohols, C6-C12 (N.O.S.)	68603-15-6	10	30	50	250	mg/m ³
3150	Adipic acid-TDI	68609-57-4	10	30	50	250	mg/m ³
3151	Alkylbenzene (C10-C16)	68648-87-3	10	30	50	500	mg/m ³
3152	Poly alpha olefin; (Synthetic hydrocarbon mixture, PAO)	68649-12-7	5	10	50	250	mg/m ³
3153	Alamine 336	68814-95-9	20	60	500	500	mg/m ³
3154	Carboxymethyl sepharose; (CM sepharose)	68894-07-5	7.5	25	150	500	mg/m ³
3155	Diatomaceous earth (flux calcinated; Filter agent, celite)	68895-54-9	0.3	0.9	1.5	500	mg/m ³
3156	Sodium polyphosphate	68915-31-1	12.5	40	250	500	mg/m ³
3157	Methylchlorodisilane; (Chloromethyldisilane)	68937-17-7	0.1	0.3	2	10	ppm
3158	Vinyl Terminated Dimethyl-Diphenylsiloxane Copolymer	68951-96-2	75	250	500	500	mg/m ³
3159	Vegetable oil	68956-68-3	15	30	50	500	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3160	Polyethylbenzene residue; (Dowtherm Q)	68987-42-8	1	3	19.2	100	ppm
3161	Zeolites, CaA; (Molecular sieve activated, type 5A)	68989-20-8	7.5	25	150	500	mg/m ³
3162	Zeolites, KA; (Molecular seive activated, type 3A)	68989-21-9	10	30	50	250	mg/m ³
3163	Zeolites, -NaA-; (Molecular sieve-4A-)	68989-22-0	6	15	125	500	mg/m ³
3164	Zeolites, NaX; (Molecular sieve XS-11)	68989-23-1	10	30	50	250	mg/m ³
3165	Ethoxylated alcohols, C7-C21	68991-48-0	10	10	10	10	mg/m ³
3166	Poly(Styrene-co-divinylbenzene); (Dowex Optipore V-502)	69011-14-9	10	30	50	250	mg/m ³
3167	Diethenylbenzene, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated; (DOWEX-50-X8 resin)	69011-20-7	10	30	50	250	mg/m ³
3168	REXYN I-300; (Ethylene glycol dimethacrylate polymer with styrene, chloromethylated, trimethylamine-quanternized, hydroxide)	69011-49-0	10	30	50	250	mg/m ³
3169	Silica, amorphous fume	69012-64-2	2	6	10	50	mg/m ³
3170	Phenyl sepharose	69106-59-8	10	30	50	250	mg/m ³
3171	Bis[(benzo-15crown-5)-15-ylmethyl] pimelate	69271-98-3	10	30	50	250	mg/m ³
3172	Perfluoropolyether; (1,1,2,3,3,3-hexafluoro-1-propene, oxidized; Vacuum pump oil)	69991-67-9	10	30	200	500	mg/m ³
3173	Dimethyl(polysiloxane)	70131-67-8	250	500	500	500	mg/m ³
3174	Hexachlorodibenzofuran, 1,2,3,4,7,8-	70648-26-9	0.0025	0.0075	0.06	0.3	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3175	Jet fuels (JP-5 and JP-8)	70892-10-3	100	290	500	500	mg/m ³
3176	Poly(dimethylsiloxane), hydride terminated	70900-21-9	10	30	50	250	mg/m ³
3177	Trimethylopropane methylated copolymer	71342-93-3	10	30	50	250	mg/m ³
3178	Paraffin waxes, petroleum, clay-treated, reaction products with petroleum white mineral oil, stearic acid and triethanolamine	71808-29-2	10	30	50	250	mg/m ³
3179	Diurethane dimethacrylate	72869-86-4	75	250	500	500	mg/m ³
3180	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/m ³
3181	Peptone; (Hydrolyzed protein, Tryptones)	73049-73-7	10	30	50	250	mg/m ³
3182	CAPSO	73463-39-5	10	30	50	250	mg/m ³
3183	Sodium aluminum silicate	73987-94-7	3.5	10	15	500	mg/m ³
3184	Ethoxyimino)butyl)-5-(2-ethylthiopropyl)-3-hydroxycyclohex-2-en-1-one, 2-(1-(; (Checkmate)	74051-80-2	12.5	40	250	500	mg/m ³
3185	Lithium triethylborodeuteride; (Super-deuteride)	74540-86-6	10	30	50	250	mg/m ³
3186	Jeffamine M-600	77110-54-4	10	30	50	250	mg/m ³
3187	Amberlite IR-120(PLUS) ion-exchange resin	78922-04-0	10	30	50	200	mg/m ³
3188	Ascarite; (Asbestos, 1332-21-4)	81133-20-2	0.005	0.5	0.5	2.5	mg/m ³
3189	Vinyl 2-chloroethylsulfide; (2-Chloroethylthio ethene)	81142-02-1	0.15	0.4	3	15	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3190	Tributyltetradecylphosphonium chloride	81741-28-8	10	30	50	250	mg/m ³
3191	Trimethyl N', 2-hydroxyethyl-propylenediamine	82136-26-3	10	30	50	250	mg/m ³
3192	Sephacryl s-300	82785-74-8	10	30	50	250	mg/m ³
3193	Octyl(phenyl)-N,N-diisobutylcarbamoymethylphosphine oxide	83242-95-9	10	30	50	250	mg/m ³
3194	Nonyl phenol, 4- (branched)	84852-15-3	5	15	100	500	mg/m ³
3195	Perfluoro compounds, C5-C18; (Fluorinert electronic liquid perfluoro compounds)	86508-42-1	200	600	4000	25000	ppm
3196	Diatomaceous silica, calcined	91053-39-3	0.3	0.9	1.5	500	mg/m ³
3197	Perlite; (Fused NaKAl silicate, < 1% quartz)	93763-70-3	10	30	50	500	mg/m ³
3198	Pentaerythritol tetra(3-mercaptopropionate), reaction product	95823-35-1	10	30	50	250	mg/m ³
3199	Trimethyloctane, 2,3,6-	98060-52-7	54.8	54.8	282	1000	ppm
3200	Amberlite MB-1 ion-exchange resin; (Amberlite MB-150)	100915-96-6	10	30	50	200	mg/m ³
3201	Amberlite XAD-16, -7, -4 resin	104219-63-8	10	30	50	200	mg/m ³
3202	Otto Fuel (mainly Propylene glycol dinitrate 6423-43-4)	106602-80-6	0.05	0.17	1	13	ppm
3203	Hydroxy-4'-hydroxyethoxy-2-methylpropiophenone, 2-	106797-53-9	15	50	350	500	mg/m ³
3204	Triaryl sulfonium chloride salts	109037-76-5	10	10	25	125	mg/m ³

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3205	Silica gel, amorphous synthetic	112926-00-8	10	30	50	250	mg/m ³
3206	Silica amorphous fumed	112945-52-5	2	6	200	500	mg/m ³
3207	Amberlite IRA-400(CL); (Ion exchange resin)	122560-63-8	10	30	50	250	mg/m ³
3208	Sodium hypophosphite hydrate	123333-67-5	6	20	125	500	mg/m ³
3209	Nonylphenol ethoxylate	127087-87-0	10	30	200	500	mg/m ³
3210	Decafluoropentane, 1,1,1,2,3,4,4,5,5,5-	138495-42-8	200	200	400	1000	ppm
3211	Bis(2-chloroethylthio)-n-butane, 1,4-	142868-93-7	0.06	0.2	1.25	6	mg/m ³
3212	Bis(2-chloroethylthio)-n-pentane, 1,5-	142868-94-8	0.075	0.2	1.5	7.5	mg/m ³
3213	Cs7SB; (1-(2,2,3,3-tetrafluoropropoxy),3-(4-sec-butylphenoxy)-2-propanol)	308362-88-1	11.1	30	200	500	mg/m ³
3214	Ammonium hexachlorohydrate (III)	z-0001	10	30	50	250	mg/m ³
3215	Butyl bis(2-ethylhexyl)phosphate	z-0002	0.2	0.6	0.75	0.75	ppm
3216	Cadmium nitrite	z-0003	0.0091	0.0546	4	16.4	mg/m ³
3217	Cerous nitrite	z-0004	0.04	0.1	0.75	75	mg/m ³
3218	Cesium nitrite	z-0005	0.075	0.2	1.5	60	mg/m ³
3219	Chlorine Hi dry granular (as Cl)	z-0006	0.5	1	3	20	ppm

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Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3220	Chloropicrin/Methyl chloride mixture	z-0007	2	2	6	30	mg/m ³
3221	Casamino acids	z-0008	10	30	50	250	mg/m ³
3222	Cobalt nitrite	z-0009	0.0512	0.154	0.256	1.25	mg/m ³
3223	Cyclotol; (RDX-TNT mixture)	z-0010	0.2	3	250	250	mg/m ³
3224	Dibutyl (2-ethylhexyl)phosphate	z-0011	0.2	0.6	0.7	0.7	ppm
3225	Diesel fuel marine; (Diesel fuel No. 4)	z-0012	100	350	500	500	mg/m ³
3226	Dipotassium cadmium oxide	z-0013	0.0099	0.0594	0.1	17.8	mg/m ³
3227	Dipotassium dihydrogen silicate	z-0014	10	30	50	250	mg/m ³
3228	Dipotassium zirconium oxide	z-0015	11.9	23.8	23.8	119	mg/m ³
3229	Disodium cadmium oxide	z-0016	0.0085	0.0508	0.0847	15.2	mg/m ³
3230	Disodium dihydrogen silicate	z-0017	10	30	50	250	mg/m ³
3231	Ecolite	z-0018	20	60	400	500	mg/m ³
3232	Epibatadine (nicotine-like)	z-0019	0.0015	0.004	0.025	0.025	mg/m ³
3233	Ethyl (or dimethyl) pyrrolidine	z-0020	5	15	100	500	mg/m ³
3234	Ethyl-2-methyloctane, 6-	z-0021	0.35	1	6	35	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3235	Gadolinium nitrite	z-0022	0.04	0.125	0.75	75	mg/m ³
3236	Germanous acid	z-0023	2	6	40	200	mg/m ³
3237	Isocyanate-bearing waste (as CNs N.O.S.)	z-0024	5	5	5	25	mg/m ³
3238	Lanthanum alizarin (as La)	z-0026	10	30	50	250	mg/m ³
3239	Leco set 7007 powder	z-0027	10	30	50	250	mg/m ³
3240	Manganese nitrite	z-0029	0.535	8.02	13.4	500	mg/m ³
3241	Mineral fibers, fine	z-0032	10	30	50	50	mg/m ³
3242	Neodymium nitrite	z-0033	0.04	0.1	0.75	75	mg/m ³
3243	Norchlorofluoroepibatidine	z-0034	0.00004	0.000125	0.00075	0.00125	mg/m ³
3244	Oil gas; (Oil fog)	z-0035	450	1750	3000	4500	ppm
3245	Organorhodium complex	z-0036	0.292	8.75	15	500	mg/m ³
3246	Particulate material (PNOS)	z-0037	10	30	50	250	mg/m ³
3247	PBX (mixture of HMX and nitrocellulose)	z-0038	0.24	0.6	5	500	mg/m ³
3248	Permafluor E+	z-0039	100	150	500	500	mg/m ³
3249	Permafluor-V (85+% toluene)	z-0040	50	150	300	500	ppm

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3250	Petroleum 50 thinner; (Paint thinner)	z-0041	7.5	25	150	750	ppm
3251	Polychlorinated biphenyl (Aroclor 1016/1242): (Chlorodiphenyl (37% Cl))	z-0042	0.2	0.6	1	5	mg/m ³
3252	Polychlorinated biphenyl (Aroclor 1260/1262): (Chlorodiphenyl (61% Cl?))	z-0043	0.2	0.6	1.5	5	mg/m ³
3253	Potassium aluminite	z-0044	2.5	7.5	12.5	500	mg/m ³
3254	Potassium antimonite	z-0045	0.94	2.82	4.7	94	mg/m ³
3255	Potassium argentate	z-0046	0.0168	0.0503	0.0839	16.8	mg/m ³
3256	Potassium beryllium oxide	z-0047	0.016	0.08	6	32	mg/m ³
3257	Potassium cadminate	z-0048	0.0115	0.069	0.115	20.7	mg/m ³
3258	Potassium hydrogen lead oxide	z-0049	0.06	0.06	0.06	125	mg/m ³
3259	Potassium hydrogen pyrophosphate	z-0050	4	12.5	20	400	mg/m ³
3260	Potassium hydrogen silicate	z-0051	10	30	50	250	mg/m ³
3261	Potassium iminodiacetate; (Potassium IDA)	z-0052	4	12.5	100	500	ppm
3262	Potassium lanthanate	z-0053	0.4	1.25	2.5	2.5	mg/m ³
3263	Potassium nickelate (liquids)	z-0055	3.49	3.49	3.5	34.9	mg/m ³
3264	Potassium nickelate (solids)	z-0056	3.49	3.49	3.5	34.9	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3265	Potassium trihydrogen silicate	z-0058	10	30	50	250	mg/m ³
3266	Potassium uranyl carbonate	z-0059	0.429	1.03	3.5	17.2	mg/m ³
3267	Sodium antimonite	z-0061	0.874	2.62	4.37	87.4	mg/m ³
3268	Sodium argentate	z-0062	0.0153	0.0459	0.0764	15.3	mg/m ³
3269	Sodium beryllium oxide	z-0063	0.0124	0.0621	5	24.9	mg/m ³
3270	Sodium butyl (2-ethylhexyl)phosphate	z-0064	0.02	0.06	0.4	2	mg/m ³
3271	Sodium butyl butylphosphonate	z-0065	0.02	0.06	0.4	2	mg/m ³
3272	Sodium cadminate	z-0066	0.0101	0.0604	0.101	18.1	mg/m ³
3273	Sodium hydrogen lead oxide	z-0067	0.06	0.06	0.06	125	mg/m ³
3274	Sodium hydrogen metasilicate	z-0068	4	12.5	75	400	mg/m ³
3275	Sodium hydrogen pyrophosphate	z-0069	4	12.5	20	400	mg/m ³
3276	Sodium lanthanate	z-0070	0.4	1.25	2.5	2.5	mg/m ³
3277	Sodium metasilicate	z-0071	26.1	26.1	26.1	26.1	mg/m ³
3278	Sodium nickelate (Liquids)	z-0073	2.94	2.94	3	29.4	mg/m ³
3279	Sodium nickelate (Solids)	z-0074	2.94	2.94	3	29.4	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3280	Sodium trihydrogen silicate	z-0076	10	30	50	250	mg/m ³
3281	Sodium uranyl carbonate	z-0078	0.395	0.948	3	15.8	mg/m ³
3282	Thorium nitrite	z-0079	0.05	0.125	0.75	75	mg/m ³
3283	Tin nitrite	z-0080	3.55	10.7	17.8	178	mg/m ³
3284	Titanium-based alloy; (Titanium compounds)	z-0081	10	30	50	250	mg/m ³
3285	Uranium: insoluble compounds	z-0083	0.25	0.6	2	10	mg/m ³
3286	Uranium: soluble compounds	z-0084	0.05	0.6	2	10	mg/m ³
3287	Uranyl nitrite (liquids)	z-0087	0.076	0.913	3	15.2	mg/m ³
3288	Zirconium nitrite	z-0088	7.52	15	15	37.6	mg/m ³
3289	Zirconium silane	z-0089	8.08	16.2	16.2	40.4	mg/m ³
3290	zzAcrylic latex	z-0090	10	30	50	250	mg/m ³
3291	zzAlumination 301	z-0091	10	30	50	250	mg/m ³
3292	zzHydranal coulomat / AG	z-0092	10	30	50	250	mg/m ³
3293	zzHydrocarbon polymer	z-0093	10	30	50	250	mg/m ³
3294	zzHydrocount(R), LSC cocktail	z-0094	10	30	50	250	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3295	zzIconol(R)	z-0095	10	30	50	250	mg/m ³
3296	zzMachine coolant 1	z-0096	10	30	50	250	mg/m ³
3297	zzMonophase- S	z-0097	10	30	50	250	mg/m ³
3298	zzMornar	z-0098	10	30	50	250	mg/m ³
3299	zzOpti-Fluor; (Alkyl benzene blend, 3% tributylphosphate)	z-0099	7.5	25	37.5	250	mg/m ³
3300	zzPaint solvent	z-0100	10	10	10	10	mg/m ³
3301	zzPropanol (-2) aluminum derivative	z-0101	2	6	10	50	mg/m ³
3302	zzScintillation cocktail, Ultima Gold XR	z-0102	0.15	0.5	3	15	mg/m ³
3303	zzSicapent	z-0103	10	30	50	250	mg/m ³
3304	zzSynthetic resins	z-0104	10	30	50	250	mg/m ³
3305	zzTotal sequestrant reagent #5	z-0105	35	40	100	500	mg/m ³
3306	zzTrifluoroacetyl)-N,0,0,0-tetrakis((TMS)norepinephrine, N-(	z-0106	0.04	0.125	0.75	7.5	mg/m ³
3307	zzWaste oil	z-0107	10	30	50	250	mg/m ³
3308	Alkenyl dimethylethyl ammonium bromide; (Aliphatic hydrocarbon)	z-0108	2	6	40	200	mg/m ³
3309	Alkyl benzenes (C8-C9)	z-0109	10	30	50	250	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.

Table 3: Protective Action Criteria (PAC) Rev 23 based on applicable AEGLs, ERPGs, or TEELs (chemicals listed by CAS RN)

No.	Chemical Name	CAS RN	PACs based on AEGLs, ERPGs, or TEELs.				
			TEEL-0	PAC-1	PAC-2	PAC-3	UNITS
3310	BoBCalix; (Calix[4]arene-bis(t-octylbenzo-crown-b))	z-0110	10	30	50	250	mg/m ³

Compounds with unknown CAS RNs retain the same identification number (preceded by a "z") used in Rev 21. Technical comments are provided in Tables 2 and 4.