Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
[Glass wool, rock (stone) wool, slag wool and continuous glass filament] (i) (k) and Low Biopersistence MMVF (m)	0		2 mg/m3 (inhalable dust)(j)			See Workplace Exposure Standards for Airborne Contaminants for meaning of (i) (j) (k) (m)
Chromium (II) compounds (as Cr)	0		0.5			
Chromium (III) compounds (as Cr)	0		0.5			
Chromium (VI) compounds (as Cr), certain water insoluble (h)	0		0.05			Carc. 1A; Sen.
Chromium (VI) compounds (as Cr), water soluble	0		0.05			Sen.
Cotton dust, raw (c)	0		0.2			
Fluorides (as F)	0		2.5			
Grain dust (oats, wheat, barley)	0		4			
Hexane, other isomers	0	500	1760	1000	3500	
Iron salts, soluble (as Fe)	0		1			
Isocyanates, all (as-NCO)	0		0.02		0.07	Sen.

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Mercury, inorganic divalent compounds (as Hg)	0	0.003	0.025			
Platinum, soluble salts (as Pt)	0		0.002			Sen.
Refractory Ceramic Fibres (RCF) (h), Special Purpose Glass Fibres (i) and High Biopersistence MMVF (l)	0	0.5 f/mL (respirable)	2 mg/m3 (inhalable dust) (j)			See Workplace Exposure Standards for Airborne Contaminants for meaning of (h) (i) (j) (l)
Rosin core solder pyrolysis products (as formaldehyde)	0		0.1			
Rouge dust (a)	0		10			
Silica - Crystalline	0					Please see entries for: Cristobalite, Quartz and Tridymite
Soapstone (a)	0		6			See also Soapstone (respirable dust)
Soapstone (respirable dust)	0		3			See also: Soapstone (a)
Stearates (a) (d)	0		10			
Synthetic mineral fibres (SMF)	0					See: "[Glass wool, rock (stone) wool, slag wool and continuous glass filament](i)(k) and Low Biopersistence MMVF(m)" and "Refractory Ceramic Fibres (RCF) (h), Special Purpose Glass Fibres (i) and High Biopersistence MMVF (l)"

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Man-Made Vitreous (Silicate) Fibres (MMVF)	0					See: "[Glass wool, rock (stone) wool, slag wool and continuous glass filament] (i) (k) and Low Biopersistence MMVF (m)" and "Refractory Ceramic Fibres (RCF) (h), Special Purpose Glass Fibres (i) and High Biopersistence MMVF (l)"
Vegetable oil mists (except castor oil, cashew nut or similar irritant oils)	0		10			
Wood dust (certain hardwoods such as beech & oak)	0		1			Sen.
Wood dust (soft wood)	0		5		10	Sen.
Xylene (o-, m-, p-isomers)	0	80	350	150	655	
Silica - Amorphous	0					Please see entries for: Diatomaceous earth (uncalcined), Fumed silica, Precipitated silica, Silica fume (thermally generated) and Silica gel
Methyl acetylene-propadiene mixture (MAPP)	0	1000	1640	1250	2050	
Mineral turpentine	0		480			
Petrol (gasoline)	0	-	900	-	-	Carc. 1B
Silica fume (thermally generated) (respirable dust) (g)	0	-	2	-	-	Carc. 1A; See: Silica - Amorphous

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Coal dust (containing < 5% quartz) (respirable dust)	0		1.5			
Welding fumes (not otherwise classified)	0		1			
Mercury, inorganic monovalent compounds (as Hg)	0		0.1			Sk.
Any mixture of Asbestos forms, or where the composition of Asbestos is unknown (b)	0	0.1 f/mL	-	-	-	Carc. 1A
Forms of asbestos not otherwise included in this database (b)	0	0.1 f/mL	-	-	-	Carc. 1A
Mercury, aryl compounds (as Hg)	0		0.1			Sk.
Mercury, alkyl compounds (as Hg)	0		0.01		0.03	Sk.
Formaldehyde (h)	50-00-0	1	1.2	2	2.5	Carc. 2; Sen.
DDT (Dichlorodiphenyl-trichloroethane) ;2,2-Bis(p-Chlorophenyl)-1,1,1 trichloroethane; p,p-Dichlorodiphenyl trichloroethane; 1,1,1-Trichlorobis (chlorophenyl) ethane;	50-29-3	-	1	-	-	Carc. 2

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Benzo(a)pyrene (d)	50-32-8	-	-	-	-	Carc. 1B
Acetylsalicylic acid ;Aspirin;	50-78-2	-	5	-	-	
Nicotine	54-11-5	-	0.5	-	-	Sk.
Fenthion ;Baytex; Lebaycid;	55-38-9	-	0.2	-	-	Sk.
Nitroglycerin (NG) ;NG; Glyceryl trinitrate;	55-63-0	0.05	0.46	-	-	Sk.
Carbon tetrachloride ;Tetrachloromethane;	56-23-5	0.1	0.63	-	-	Carc. 2; Sk.
Parathion	56-38-2	-	0.1	-	-	Sk.
Glycerin mist (a)	56-81-5	-	10	-	-	- - H (see Chapter 14)
1,1-Dimethylhydrazine	57-14-7	0.01	0.025	-	-	Carc. 1B; Sk.
Strychnine	57-24-9	-	0.15	-	-	
Sucrose (a)	57-50-1	-	10	-	-	- - H (see Chapter 14)
Propane-1,2-diol total: (vapour & particulates)	57-55-6	150	474			
Propane-1,2-diol: particulates only	57-55-6	-	10	-	-	
beta-Propiolactone	57-57-8	0.5	1.5	-	-	Carc. 1B
Chlordane	57-74-9	-	0.5	-	-	Carc. 2; Sk.

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Lindane ;gamma-BHC (ISO); Gammexane; gamma-HCH; gamma-Hexachlorocyclohexane;	58-89-9	0.008	0.1	-	-	Sk.
Ethyl ether ;Diethyl ether;	60-29-7	400	1210	500	1520	
Methyl hydrazine	60-34-4	0.01	0.019	-	-	Sk.
Dieldrin	60-57-1	-	0.25	-	-	Carc. 2; Sk.
Amitrole ;3-Amino-1,2,4-triazole;	61-82-5	-	0.2	-	-	
Aniline & homologues	62-53-3	2	7.6	-	-	Carc. 2; Sk.; Sen.
Dichlorvos (DDVP) ;DDVP;	62-73-7	0.1	0.9	-	-	Sk.; Sen.
Sodium fluoroacetate	62-74-8	-	0.05	-	0.15	Sk.
N-Nitrosodimethylamine (d) ;N,N-Dimethylnitrosamine;	62-75-9	-	-	-	-	Carc. 1B
Carbaryl ;Sevin;	63-25-2	-	5	-	-	Carc. 2
Ethyl alcohol ;Ethanol;	64-17-5	1000	1880	-	-	
Formic acid	64-18-6	5	9.4	10	19	
Acetic acid	64-19-7	10	25	15	37	
Methyl alcohol ;Methanol;	67-56-1	200	262	250	328	Sk.

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Isopropyl alcohol ;Propan-2-ol;	67-63-0	400	983	500	1230	
Acetone	67-64-1	500	1185	1000	2375	
Chloroform ;Trichloromethane;	67-66-3	2	10	-	-	Carc. 2; Sk.
Hexachloroethane	67-72-1	1	9.7	-	-	Carc. 2
Thioglycolic acid ;Mercaptoacetic acid;	68-11-1	1	3.8	-	-	Sk.
Dimethylformamide	68-12-2	10	30	-	-	Sk.
Propyl alcohol ;Propan-1-ol;	71-23-8	200	492	250	614	Sk.
n-Butyl alcohol ;n-Butanol;	71-36-3	50 Peak limitation	152 Peak limitation	-	-	Sk.
Benzene	71-43-2	1	3.2	-	-	Carc. 1A
1,1,1-Trichloroethane ;Methyl chloroform;	71-55-6	100	555	200	1110	
Endrin	72-20-8	-	0.1	-	-	Sk.
Methoxychlor ;DMDT; 2,2-bis(p-Methoxyphenyl)-1,1,1-trichloroethane;	72-43-5	-	10	-	-	
Methane	74-82-8		-	-	-	
Methyl bromide ;Bromomethane;	74-83-9	5	19	-	-	Sk.

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Ethane	74-84-0	-	-	-	-	- - - Asphyxiant (see Chapter 10)
Ethylene ;Ethene;	74-85-1	-	-	-	-	- - - Asphyxiant (see Chapter 10)
Acetylene ;Ethyne;	74-86-2	-	-	-	-	- - - Asphyxiant (see Chapter 10)
Methyl chloride ;Chloromethane;	74-87-3	50	103	100	207	Carc. 2
Methyl iodide ;Iodomethane;	74-88-4	2	12	-	-	Carc. 2; Sk.
Methylamine (h)	74-89-5	10	13	-	-	
Hydrogen cyanide (h) ;Hydrocyanic acid;	74-90-8	10 Peak limitation	11 Peak limitation	-	-	Sk.
Methyl mercaptan ;Methanethiol;	74-93-1	0.5	0.98	-	-	
Ethyl bromide ;Bromoethane;	74-96-4	5	22	-	-	Carc. 2; Sk.
Chlorobromomethane ;Bromochloromethane;	74-97-5	200	1060	-	-	
Propane	74-98-6	-	-	-	-	- - - Asphyxiant (see Chapter 10)
Methyl acetylene ;Propyne;	74-99-7	1000	1640	-	-	
Ethyl chloride ;Chloroethane;	75-00-3	1000	2640	-	-	Carc. 2
Vinyl chloride, monomer ;Chloroethylene;	75-01-4	5	13	-	-	Carc. 1A

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Ethylamine	75-04-7	2	3.8	6	11	
Acetonitrile	75-05-8	40	67	60	101	Sk
Acetaldehyde	75-07-0	20	36	50	91	Carc. 2
Ethyl mercaptan ;Ethanethiol;	75-08-1	0.5	1.3	-	-	
Methylene chloride ;Dichloromethane;	75-09-2	50	174	-	-	Carc. 2; Sk.
Formamide	75-12-7	10	18	-	-	Sk.
Carbon disulphide	75-15-0	10	31	-	-	Sk.
Ethylene oxide ;Oxirane;	75-21-8	1	1.8	-	-	Carc. 1B
Bromoform ;Tribromomethane;	75-25-2	0.5	5.2	-	-	Sk.
Isopropylamine ;2-Aminopropane;	75-31-0	5	12	10	24	
1,1-Dichloroethane ;Ethylidene chloride;	75-34-3	100	412	-	-	Sk.
Vinylidene chloride ;1,1-Dichloroethylene;	75-35-4	5	20	20	79	Carc. 2
Dichlorofluoromethane ;Fluorocarbon 21 (Freon 21); Fluorodichloromethane;	75-43-4	10	42	-	-	
Phosgene ;Carbonyl chloride;	75-44-5	0.02	0.08	0.06	0.25	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Chlorodifluoromethane ;Difluorochloromethane; Fluorocarbon 22 (Freon 22);	75-45-6	1000	3540	-	-	
Iodoform	75-47-8	0.6	10	-	-	
Trimethylamine (h)	75-50-3	10	24	15	36	
Nitromethane	75-52-5	20	50	-	-	
Propylene imine	75-55-8	2	4.7	-	-	Carc. 1B; Sk.
Propylene oxide ;1,2-Epoxypropane;	75-56-9	20	48	-	-	Carc. 1B
Difluorodibromomethane ;Dibromodifluoromethane;	75-61-6	100	858	-	-	
Trifluorobromomethane ;Bromotrifluoromethane; Fluorocarbon 13B1;	75-63-8	1000	6090	-	-	
tert-Butyl alcohol ;tert-Butanol; 2-Methylpropan-2-ol;	75-65-0	100	303	150	455	
Trichlorofluoromethane ;Fluorocarbon 11 (Freon 11); Fluorotrichloromethane;	75-69-4	1000 Peak limitation	5620 Peak limitation	-	-	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Dichlorodifluoromethane ;Difluorochloromethane; Fluorocarbon 12 (Freon 12);	75-71-8	1000	4950	-	-	
Tetramethyl lead (as Pb)	75-74-1	-	0.15	-	-	Sk.
2,2-Dichloropropionic acid ;Dalapon;	75-99-0	1	5.8	-	-	
Trichloroacetic acid	76-03-9	1	6.7	-	-	
Chloropicrin ;Trichloronitromethane;	76-06-2	0.1	0.67	-	-	
1,1,1,2-Tetrachloro-2,2-difluoroethane	76-11-9	500	4170	-	-	
1,1,2,2-Tetrachloro-1,2-difluoroethane	76-12-0	500	4170	-	-	
1,1,2-Trichloro-1,2,2-trifluoroethane ;Fluorocarbon 113 (Freon 113);	76-13-1	1000	7670	1250	9590	
Dichlorotetrafluoroethane ;Cryofluorane; Fluorocarbon 114 (Freon 114); R-114; Tetrafluoro dichloroethane;	76-14-2	1000	6990	-	-	
Chloropentafluoroethane ;Fluorocarbon 115 (Freon 115);	76-15-3	1000	6320	-	-	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Camphor, synthetic ;Bornan-2-one;	76-22-2	2	12	3	19	
Heptachlor (h)	76-44-8	-	0.5	-	-	Carc. 2; Sk.
Hexachlorocyclopentadiene	77-47-4	0.01	0.11	-	-	
Dicyclopentadiene	77-73-6	5	27	-	-	
Dimethyl sulphate	77-78-1	0.1	0.52	-	-	Carc. 1B; Sk.; Sen.
Tetraethyl lead (as Pb)	78-00-2	-	0.1	-	-	Sk.
Ethyl silicate ;Tetraethyl orthosilicate;	78-10-4	10	85	-	-	
Triorthocresyl phosphate ;Tri o-tolylphosphate;	78-30-8	-	0.1	-	-	Sk.
Dioxathion ;Delnav;	78-34-2	-	0.2	-	-	Sk.
Isophorone ;3,5,5-Trimethylcyclohex-2-enone;	78-59-1	5 Peak limitation	28 Peak limitation	-	-	Carc. 2
Isobutyl alcohol ;iso-Butanol; 2-Methylpropan-1-ol;	78-83-1	50	152	-	-	
Propylene dichloride ;1,2-Dichloropropane;	78-87-5	75	347	110	508	Carc. 1B
sec-Butyl alcohol ;sec-Butanol; Butan-2-ol;	78-92-2	100	303	-	-	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Methyl ethyl ketone (MEK) ;2-Butanone; MEK;	78-93-3	150	445	300	890	
Chloroacetone	78-95-5	1 Peak limitation	3.8 Peak limitation	-	-	Sk.
1,1,2-Trichloroethane	79-00-5	10	55	-	-	Carc. 2; Sk.
Trichloroethylene	79-01-6	10	54	40	216	Carc. 1B; Sk.
Chloroacetyl chloride ;Chloroacetic acid chloride;	79-04-9	0.05	0.23	0.15	0.69	Sk.
Acrylamide	79-06-1	-	0.03	-	-	Carc. 1B; Sk.; Sen.
Propionic acid	79-09-4	10	30	-	-	
Acrylic acid	79-10-7	2	5.9	-	-	Sk.
Monochloroacetic acid	79-11-8	0.3	1.2	-	-	Sk.
Methyl acetate	79-20-9	200	606	250	757	
Nitroethane	79-24-3	100	307	-	-	
1,1,2,2-Tetrabromoethane ;Acetylene tetrabromide;	79-27-6	1	14	-	-	
1,1,2,2-Tetrachloroethane	79-34-5	1	6.9	-	-	Sk.
Methacrylic acid	79-41-4	20	70	-	-	
Dimethyl carbamoyl chloride (d)	79-44-7	-	-	-	-	Carc. 1B

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
2-Nitropropane	79-46-9	10	36	-	-	Carc. 1B
Methyl methacrylate ;Methacrylic acid, methyl ester;	80-62-6	50	208	100	416	Sen.
Warfarin	81-81-2	-	0.1	-	-	
Pentachloronitrobenzene	82-68-8	-	0.5	-	-	Sen.
Pindone ;Pival; 2-Pivalyl-1,3-indandione;	83-26-1	-	0.1	-	-	
Rotenone (commercial) ;Derris, commercial;	83-79-4	-	5	-	-	
Diethyl phthalate	84-66-2	-	5	-	-	
Dibutyl phthalate	84-74-2	-	5	-	-	Repr. 1B
Diquat ;Diquat dibromide (ISO);	85-00-7	-	0.5	-	-	Sen.
Phthalic anhydride	85-44-9	1	6.1	-	-	Sen.
Azinphos-methyl ;Guthion;	86-50-0	-	0.2	-	-	Sk.; Sen.
ANTU ;1-naphthylthiourea;	86-88-4	-	0.3	-	-	Carc. 2
Hexachlorobutadiene	87-68-3	0.02	0.21	-	-	Sk.
Pentachlorophenol	87-86-5	-	0.5	-	-	Carc. 2; Sk.
2-Nitrotoluene	88-72-2	2	11	-	-	Carc. 1B; Sk.

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Picric acid ;2,4,6-Trinitrophenol;	88-89-1	-	0.1	-	-	
o-sec-Butylphenol	89-72-5	5	31	-	-	Sk.
Naphthalene	91-20-3	10	52	15	79	Carc. 2
2-Naphthylamine	91-59-8	- (P)	-	-	-	Carc. 1A
3,3'-Dichlorobenzidine (d)	91-94-1	-	-	-	-	Carc. 1B
Biphenyl ;Diphenyl; Phenylbenzene;	92-52-4	0.2	1.3	-	-	
4-Aminodiphenyl	92-67-1	(P)	-	-	-	Carc. 1A
Phenothiazine	92-84-2	-	5	-	-	Sk.
Benzidine ;4,4-Diaminodiphenyl;	92-87-5	-(P)	-	-	-	Carc. 1A
4-Nitrodiphenyl ;4-Phenyl-nitrobenzene;	92-93-3	- (P)	-	-	-	Carc. 1B
2,4,5-T ;2,4,5-Trichlorophenoxyacetic acid;	93-76-5	-	10	-	-	
Benzoyl peroxide ;Dibenzoyl peroxide;	94-36-0	-	5	-	-	Sen.
2,4-D ;2,4-Dichlorophenoxyacetic acid;	94-75-7	-	10	-	-	Sen.
Indene	95-13-6	10	48	-	-	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
o-Chlorotoluene	95-49-8	50	259	-	-	
o-Dichlorobenzene	95-50-1	25	150	50	301	
o-Toluidine	95-53-4	2	8.8	-	-	Carc. 1B; Sk.
o-Phenylenediamine ;1,2-Benzenediamine;	95-54-5	-	0.1	-	-	Carc. 2; Sen.
1,2,3-Trichloropropane	96-18-4	10	60	-	-	Carc. 1B; Sk.
Diethyl ketone ;3-Pentanone;	96-22-0	200	705	-	-	
Methyl acrylate ;Acrylic acid, methyl ester;	96-33-3	10	35	-	-	Sk.; Sen.
4,4'-Thiobis (6-tert-butyl-m-cresol) ;6,6'-Di-tert-butyl-4,4'-thiodi-m-cresol;	96-69-5	-	10	-	-	
Disulfiram ;Tetraethyl thiuram disulphide;	97-77-8	-	2	-	-	Sen.
Furfuryl alcohol	98-00-0	10	40	15	60	Carc. 2; Sk.
Furfural ;2-Furaldehyde;	98-01-1	2	7.9	-	-	Sk.
p-tert-Butyltoluene (h)	98-51-1	10	61	20	121	
Cumene ;Isopropyl benzene;	98-82-8	25	125	75	375	Sk.
alpha-Methyl styrene ;2-Phenylpropene;	98-83-9	50	242	100	483	Carc. 2

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Nitrobenzene	98-95-3	1	5	-	-	Carc. 2; Sk.
3-Nitrotoluene	99-08-1	2	11	-	-	Sk.
m-Dinitrobenzene	99-65-0	0.15	1	-	-	Sk.
4-Nitrotoluene	99-99-0	2	11	-	-	Sk.
p-Nitrochlorobenzene ;p-Chloronitrobenzene;	100-00-5	0.1	0.64	-	-	Carc. 2; Sk.
p-Nitroaniline	100-01-6	-	3	-	-	Sk.
p-Dinitrobenzene	100-25-4	0.15	1	-	-	Sk.
2-Diethylaminoethanol (h)	100-37-8	10	48	-	-	Sk.
Ethyl benzene	100-41-4	100	434	125	543	
Styrene, monomer ;Phenylethylene; Vinyl benzene;	100-42-5	50	213	100	426	
Benzyl chloride ;a-Chlorotoluene;	100-44-7	1	5.2	-	-	Carc. 1B
N-Methyl aniline	100-61-8	0.5	2.2	-	-	Sk.
Phenylhydrazine	100-63-0	0.1	0.44	-	-	Carc. 1B; Sk.; Sen.
N-Ethylmorpholine	100-74-3	5	24	-	-	Sk.

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
4,4'-Methylene bis(2-chloroaniline) (h) ;2,2'-Dichloro-4,4'-methylenedianiline; MBOCA; MOCA;	101-14-4	0.02	0.22	-	-	Carc. 1B; Sk.
Methylene bisphenyl isocyanate (MDI) ;Diphenylmethane diisocyanate; MDI;	101-68-8	-	-	-	-	Carc. 2; Sen.; SEE: Isocyanates, all
4,4'-Methylene dianiline ;DADPM; DDM; p,p'-Diaminodiphenylmethane; MDA;	101-77-9	0.1	0.81	-	-	Carc. 1B; Sk.; Sen.
Phenyl ether (vapour) ;Diphenyl ether;	101-84-8	1	7	2	14	
Dicyclopentadienyl iron ;Ferrocene;	102-54-5	-	10	-	-	
Triethanolamine	102-71-6	-	5	-	-	Sen.
2-N-Dibutylaminoethanol (h) ;N,N-Di-n-butylaminoethanol;	102-81-8	2	14	-	-	Sk.
sec-Butyl acetate	105-46-4	200	950	-	-	
Caprolactam (dust)	105-60-2	-	1	-	3	
e-Caprolactam (dust and vapour) ;1,6-Hexanelactam; Hexahydro-2H-azepin-2-one;	105-60-2	-	10	-	20	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Ethyl butyl ketone ;3-Heptanone;	106-35-4	50	234	-	-	
p-Dichlorobenzene	106-46-7	25	150	50	300	Carc. 2
p-Toluidine	106-49-0	2	8.8	-	-	Carc. 2; Sk.
p-Phenylenediamine ;1,4-Benzenediamine;	106-50-3	-	0.1	-	-	Sen.
Quinone ;p-Benzoquinone;	106-51-4	0.1	0.44	-	-	
Vinyl cyclohexene dioxide ;1,2-Epoxy-4-(epoxy-ethyl)-cyclohexane;	106-87-6	10	57	-	-	Carc. 2; Sk.
Epichlorohydrin ;1-Chloro-2,3-epoxy-propane;	106-89-8	2	7.6	-	-	Carc. 1B; Sk.; Sen.
Allyl glycidyl ether (AGE) ;AGE; Allyl 2,3-epoxypropyl ether;	106-92-3	5	23	10	47	Carc. 2; Sk.; Sen.
Ethylene dibromide (d) ;1,2-Dibromoethane; EDB;	106-93-4	-	-	-	-	Carc. 1B
Butane	106-97-8	800	1900	-	-	
1,3-Butadiene (h)	106-99-0	10	22	-	-	Carc. 1A
Acrolein ;Acrylaldehyde;	107-02-8	0.1	0.23	0.3	0.69	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Allyl chloride ;3-chloro-1-propene;	107-05-1	1	3	2	6	Carc. 2
Ethylene dichloride ;1,2-Dichloroethane;	107-06-2	10	40	-	-	Carc. 1B
Ethylene chlorohydrin ;2-Chloroethanol;	107-07-3	1 Peak limitation	3.3 Peak limitation	-	-	Sk.
Acrylonitrile ;Vinyl cyanide;	107-13-1	2	4.3	-	-	Carc. 1B; Sk.; Sen.
Ethylenediamine ;1,2-Diaminoethane;	107-15-3	10	25	-	-	Sen.
Allyl alcohol	107-18-6	2	4.8	4	9.5	Sk.
Propargyl alcohol ;Prop-2-yn-1-ol;	107-19-7	1	2.3	-	-	Sk.
Chloroacetaldehyde	107-20-0	1 Peak Limitation	3.2 Peak Limitation	-	-	Carc. 2
Ethylene glycol (particulate) ;Ethane-1,2-diol;	107-21-1	-	10	-	-	Sk.
Ethylene glycol (vapour) ;Ethane-1,2-diol;	107-21-1	20	52	40	104	Sk.
Chloromethyl methyl ether (d)	107-30-2	-	-	-	-	Carc. 1A
Methyl formate ;Formic acid, methyl ester;	107-31-3	100	246	150	368	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Hexylene glycol ;2-Methylpentane-2,4-diol;	107-41-5	25 Peak limitation	121 Peak limitation	-	-	
TEPP ;Tetraethyl pyrophosphate;	107-49-3	0.004	0.047	-	-	Sk.
Dibutyl phosphate ;Dibutyl hydrogen phosphate;	107-66-4	1	8.6	2	17	
Methyl propyl ketone ;2-Pentanone;	107-87-9	200	705	250	881	
Propylene glycol monomethyl ether ;1-Methoxypropan-2-ol;	107-98-2	100	369	150	553	
Dimethylaminoethanol	108-01-0	2	7.4	6	22	
1-Nitropropane	108-03-2	25	91	-	-	
Vinyl acetate (h)	108-05-4	10	35	20	70	Carc. 2
Methyl isobutyl ketone ;Hexone; 4-Methyl-2-pentanone; MIBK;	108-10-1	50	205	75	307	Carc. 2
Methyl isobutyl carbinol ;Methyl amyl alcohol;	108-11-2	25	104	40	167	Sk.
Diisopropylamine	108-18-9	5	21	-	-	Sk.
Isopropyl ether ;Diisopropyl ether;	108-20-3	250	1040	310	1300	
Isopropyl acetate	108-21-4	250	1040	310	1290	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Acetic anhydride	108-24-7	5 Peak limitation	21 Peak limitation	-	-	
Maleic anhydride	108-31-6	0.25	1	-	-	Sen.
m-Toluidine	108-44-1	2	8.8	-	-	Sk.
m-Phenylenediamine ;1,3-Benzenediamine;	108-45-2	-	0.1	-	-	Sk.; Sen.
Resorcinol ;m-Dihydroxybenzene;	108-46-3	10	45	20	90	
1-Methoxy-2-propanol acetate	108-65-6	50	274	100	548	Sk.
Diisobutyl ketone ;2,6-Dimethyl-4-heptanone;	108-83-8	25	145	-	-	
sec-Hexyl acetate ;1,3-Dimethyl butyl acetate;	108-84-9	50	295	-	-	
Methylcyclohexane	108-87-2	400	1610	-	-	
Toluene	108-88-3	50	191	150	574	Sk.
Chlorobenzene	108-90-7	10	46	-	-	
Cyclohexylamine ;Aminocyclohexane;	108-91-8	10	41	-	-	
Cyclohexanol	108-93-0	50	206	-	-	Sk.
Cyclohexanone ;Anone;	108-94-1	25	100	-	-	Sk.
Phenol	108-95-2	1	4	-	-	Sk.

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Phenyl mercaptan ;Benzenethiol;	108-98-5	0.5	2.3	-	-	
Isopropoxyethanol	109-59-1	25	106	-	-	
n-Propyl acetate	109-60-4	200	835	250	1040	
Pentane	109-66-0	600	1770	750	2210	
Butylamine	109-73-9	5 Peak limitation	15 Peak limitation	-	-	Sk.
Butyl mercaptan ;Butanethiol;	109-79-5	0.5	1.8	-	-	
2-Methoxyethanol ;Ethylene glycol monomethyl ether; Glycol monomethyl ether; Methyl cellosolve; Methyl gylcol;	109-86-4	5	16	-	-	Sk.
Methylal ;Dimethoxymethane;	109-87-5	1000	3110	-	-	
Diethylamine (h)	109-89-7	10	30	25	75	
Ethyl formate ;Formic acid, ethyl ester;	109-94-4	100	303	-	-	
Tetrahydrofuran	109-99-9	100	295	-	-	Sk.
Methyl isoamyl ketone ;Isoamyl methyl ketone; 5-Methyl-2-hexanone;	110-12-3	50	234	-	-	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Isobutyl acetate	110-19-0	150	713			
Methyl n-amyl ketone ;2-Heptanone; Heptan-2-one;	110-43-0	50	233	-	-	
2-Methoxyethyl acetate ;Ethylene glycol monomethyl ether acetate; Glycol monomethyl ether acetate; Methyl cellosolve acetate; Methyl glycol acetate;	110-49-6	5	24	-	-	Sk.
Hexane (n-Hexane)	110-54-3	20	72	-	-	
n-Valeraldehyde	110-62-3	50	176	-	-	
2-Ethoxyethanol ;Cellosolve; Ethylene glycol, monoethyl ether; Ethyl glycol; Glycol, monoethyl ether;	110-80-5	5	18	-	-	Sk.
Cyclohexane	110-82-7	100	350	300	1050	
Cyclohexene	110-83-8	300	1010	-	-	
Pyridine	110-86-1	5	16	-	-	
Piperidine	110-89-4	1	3.5	-	-	Sk.
Morpholine	110-91-8	20	71	-	-	Sk.

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
2-Ethoxyethyl acetate ;Cellosolve acetate; Ethylene glycol, monoethyl ether acetate; Ethyl glycol acetate; Glycol, monoethyl ether acetate;	111-15-9	5	27	-	-	Sk.
Glutaraldehyde ;1,5-Pentanedial;	111-30-8	0.1 Peak limitation	0.41 Peak limitation	-	-	Sen.
Diethylene triamine ;2,2'-Diaminodiethylamine; 1,4,7-Tri-(aza)-heptane;	111-40-0	1	4.2	-	-	Sk.; Sen.
Diethanolamine (h) ;2,2'-Iminodiethanol;	111-42-2	3	13	-	-	
Dichloroethyl ether ;bis-(2-Chloroethyl)-ether;	111-44-4	5	29	10	58	Carc. 2; Sk.
2,2'-Oxybis[ethanol] ;Diethylene glycol;	111-46-6	23	100	-	-	
Octane	111-65-9	300	1400	375	1750	
2-Butoxyethanol ;Butyl cellosolve; Butyl glycol; Ethylene glycol monobutyl ether; Glycol monobutyl ether;	111-76-2	20	96.9	50	242	Sk.
Nonane	111-84-2	200	1050	-	-	
2-Butoxyethyl acetate	112-07-2	20	133	50	333	Sk.

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Propoxur ;Arprocarb; Baygon; PHC;	114-26-1	-	0.5	-	-	
Propylene ;Propene;	115-07-1	-	-	-	-	- - - Asphyxiant (see Chapter 10)
Dimethyl ether	115-10-6	400	760	500	950	
Endosulfan ;Thiodan;	115-29-7	-	0.1	-	-	Sk.
Pentaerythritol (a)	115-77-5	-	10	-	-	- - H (see Chapter 14)
Triphenyl phosphate	115-86-6	-	3	-	-	
Fensulfothion ;Dasanit;	115-90-2	-	0.1	-	-	
Di-sec-octyl phthalate ;DOP; Di (2-ethylhexyl) phthalate; bis(2-Ethylhexyl) phthalate;	117-81-7	-	5	-	10	Carc. 1B
1,3-Dichloro-5,5-dimethyl hydantoin	118-52-5	-	0.2	-	0.4	
2,4,6-Trinitrotoluene (TNT) ;TNT;	118-96-7	-	0.5	-	-	Sk.
o-Tolidine (d) ;3,3'-Dimethylbenzidine;	119-93-7	-	-	-	-	Carc. 1B
Catechol ;o-Dihydroxybenzene; Pyrocatechol;	120-80-9	5	23	-	-	Carc. 2
1,2,4-Trichlorobenzene	120-82-1	5 Peak limitation	37 Peak limitation	-	-	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Triethylamine ;N,N-Diethylethanamine;	121-44-8	2	8	4	17	
Trimethyl phosphite	121-45-9	2	10	-	-	
N,N-Dimethylaniline	121-69-7	5	25	10	50	Carc. 2; Sk.
Malathion ;Maldison;	121-75-5	-	10	-	-	Sk.; Sen.
Cyclonite ;Hexahydro-1,3,5-trinitro-1,3,5-triazine; RDX;	121-82-4	-	1.5	-	-	Sk.
Diphenylamine	122-39-4	-	10	-	-	
Phenyl glycidyl ether (PGE) ;PGE; Phenyl-2,3-epoxypropyl ether;	122-60-1	1	6.1	-	-	Carc. 1B; Sen.
Dipropyl ketone ;4-Heptanone;	123-19-3	50	233	-	-	
Hydroquinone ;p-Dihydroxybenzene;	123-31-9	-	2	-	-	Carc. 2
Diacetone alcohol ;4-Hydroxy-4-methyl-2-pentanone;	123-42-2	50	238	-	-	
Isoamyl alcohol ;3-Methylbutan-1-ol;	123-51-3	100	361	125	452	
n-Butyl acetate	123-86-4	150	713	200	950	
1,4-Dioxane ;Diethylene dioxide;	123-91-1	10	36	-	-	Carc. 2; Sk.

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Isoamyl acetate ;Isopentyl acetate;	123-92-2	50	270	100	541	
Carbon dioxide	124-38-9	5000	9000	30000	54000	
Carbon dioxide in coal mines	124-38-9	12500	22500	30000	54000	
Dimethylamine	124-40-3	2	3.8	6	11	
Tributyl phosphate	126-73-8	0.2	2.2	-	-	Carc. 2
Methylacrylonitrile	126-98-7	1	2.7	-	-	Sk.; Sen.
b-Chloroprene ;2-Chloro-1,3-butadiene;	126-99-8	10	36	-	-	Carc. 1B; Sk.
Perchloroethylene ;Tetrachloroethylene;	127-18-4	50	340	150	1020	Carc. 2
Dimethyl acetamide	127-19-5	10	36	-	-	Sk.
2,6-Di-tert-butyl-p-cresol	128-37-0	-	10	-	-	
Dimethylphthalate	131-11-3	-	5	-	-	
Captan	133-06-2	-	0.5	-	-	Carc. 2; Sk.; Sen.
n-Phenyl-beta-naphthylamine (d)	135-88-6	-	-	-	-	Carc. 2
Sesone ;2,4-DES sodium; Crag Herbicide; Sodium 2,4-dichloro phenoxyethyl sulfate;	136-78-7	-	10	-	-	
Methyl 2-cyanoacrylate	137-05-3	2	9.1	4	18	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Thiram ;Tetramethyl thiuram disulphide;	137-26-8	-	1	-	-	Sen.
n-Butyl lactate	138-22-7	5	30	-	-	
Ethyl acrylate ;Acrylic acid,ethyl ester;	140-88-5	5 Peak limitation	20 Peak limitation	-	-	Sen.
n-Butyl acrylate ;Acrylic acid, n-butyl ester; n-Butyl 2-propenoate;	141-32-2	1	5	5	26	Sen.
Ethanolamine ;2-Aminoethanol;	141-43-5	3	7.5	6	15	
Dicrotophos ;Bidrin;	141-66-2	-	0.25	-	-	Sk.
Ethyl acetate ;Acetic acid ethyl ester; Acetic ester;	141-78-6	200	720	400	1440	
Mesityl oxide ;4-Methylpent-3-en-2-one;	141-79-7	15	60	25	100	
Piperazine dihydrochloride	142-64-3	-	5	-	-	Sen.
Heptane (n-Heptane)	142-82-5	400	1640	500	2050	
Oxalic acid	144-62-7	-	1	-	2	
Dinitolmide ;3,5-Dinitro-o-toluamide; Zoalene;	148-01-6	-	5	-	-	
4-Methoxyphenol ;Mequinol (INN);	150-76-5	-	5	-	-	Sen.
Cyanides (as CN)	151-50-8	-	5	-	-	Sk.

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Ethylenimine ;Aziridine;	151-56-4	0.5	0.88	-	-	Carc.1B; Sk.
Halothane ;1,1,1-Trifluoro-2-chloro-2-bromoethane;	151-67-7	0.5	4.1	-	-	
Calcium cyanamide ;Calcium carbimide;	156-62-7	-	0.5	-	-	
Chrysene (d) ;1,2-Benzophenanthene;	218-01-9	-	-	-	-	Carc. 1B
Cyclopentane	287-92-3	600	1720	-	-	
Methyl parathion	298-00-0	-	0.2	-	-	Sk.
Phorate ;Thimet;	298-02-2	-	0.05	-	0.2	Sk.
Disulfoton ;Disyston;	298-04-4	-	0.1	-	-	
Ronnel ;Fenchlorphos;	299-84-3	-	10	-	-	
Crufomate	299-86-5	-	5	-	-	
Naled ;Dibrom; Dimethyl-1,2-dibromo-2,2-dichloroethylphosphate;	300-76-5	-	3	-	-	Sk.
Hydrazine ;Diamine;	302-01-2	0.01	0.013	-	-	Sk.; Sen.
Aldrin	309-00-2	-	0.25	-	-	Carc. 2; Sk.
Bromacil	314-40-9	1	11	-	-	
Diuron	330-54-1	-	10	-	-	Carc. 2

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Diazinon	333-41-5	-	0.1	-	-	Sk.
Diazomethane	334-88-3	0.2	0.34	-	-	Carc. 1B
Carbonyl fluoride	353-50-4	2	5.4	5	13	
Perfluoroisobutylene ;Octafluoroisobutylene;	382-21-8	0.01 Peak limitation	0.082 Peak limitation	-	-	
Silicon carbide (a)	409-21-2	-	10	-	-	- - H (see Chapter 14)
Cyanamide	420-04-2	-	2	-	-	Sen.
Cyanogen ;Oxalonitrile;	460-19-5	10	21	-	-	
Ketene	463-51-4	0.5	0.86	1.5	2.6	
Calcium carbonate (a) ;Limestone; Marble; Whiting;	471-34-1	-	10	-	-	- - H (see Chapter 14)
Tetryl ;N-Methyl-N-2,4,6-tetranitroaniline; 2,4,6-Trinitrophenylmethylnitramine;	479-45-8	-	1.5	-	-	Sen.
2-Aminopyridine ;2-Pyridylamine;	504-29-0	0.5	2	-	-	
Cyanogen chloride	506-77-4	0.3 Peak limitation	0.75 Peak limitation	-	-	
Tetranitromethane (h)	509-14-8	1	8	-	-	
Propranolol	525-66-6	0.188	2	0.565	6	
o-Dinitrobenzene	528-29-0	0.15	1	-	-	Sk.

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
a-Chloroacetophenone ;Phenacyl chloride;	532-27-4	0.05	0.32	-	-	
Dinitro-o-cresol ;DNOC; 2-Methyl-4,6-dinitrophenol;	534-52-1	-	0.2	-	-	Sk.; Sen.
1,2-Dichloroethylene ;Acetylene dichloride;	540-59-0	200	793	-	-	
tert-Butyl acetate	540-88-5	200	950	-	-	
5-Methylheptan-3-one ;Ethyl amyl ketone;	541-85-5	10	53	20	107	
Dichloropropene ;Y-Chloroallyl chloride;	542-75-6	1	4.5	-	-	Sk.; Sen.
bis(Chloromethyl) ether	542-88-1	.001 (P)	0.005	-	-	Carc. 1A
Cyclopentadiene	542-92-7	75	203	-	-	
Magnesite (a)	546-93-0	-	10	-	-	- - H (see Chapter 14)
Trimellitic anhydride ;Benzene-1,2,4-tricarboxylic acid-1,2-anhydride;	552-30-7	0.005	0.039	-	-	Sen.
Glycidol ;2,3-Epoxy-1-propanol;	556-52-5	25	76	-	-	Carc. 1B
Carbon tetrabromide ;Tetrabromomethane;	558-13-4	0.1	1.4	0.3	4.1	
Ethion ;Nialate;	563-12-2	-	0.4	-	-	Sk.

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Methyl isopropyl ketone ;3-Methyl-2-butanone;	563-80-4	200	705	-	-	
o-Methylcyclohexanone	583-60-8	50	229	75	344	Sk.
Toluene-2,4-diisocyanate (TDI) ;TDI;	584-84-9	-	-	-	-	Carc. 2; Sen.; SEE: Isocyanates, all
Methyl n-butyl ketone ;2-Hexanone;	591-78-6	5	20	-	-	Sk.
Vinyl bromide ;Bromoethylene;	593-60-2	5	22	-	-	Carc. 1B
Perchloromethyl mercaptan	594-42-3	0.1	0.76	-	-	
1,1-Dichloro-1-nitroethane	594-72-9	2	12	-	-	
N,N-Dimethylethylamine ;N,N-Dimethylethanamine;	598-56-1	10	30	15	45	
2-Chloropropionic acid	598-78-7	0.1	0.44	-	-	Sk.
1-Chloro-1-nitropropane	600-25-9	2	10	-	-	
Triphenyl amine	603-34-9	-	5	-	-	
Methyl isocyanate	624-83-9					Sen.; SEE: Isocyanates, all
m-Phthalodinitrile	626-17-5	-	5	-	-	
sec-Amyl acetate ;1-Methylbutyl acetate;	626-38-0	50	270	100	541	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
n-Propyl nitrate	627-13-4	25	107	40	172	
n-Amyl acetate ;Pentyl acetate;	628-63-7	50	270	100	541	
Ethylene glycol dinitrate ;Ethylene dinitrate; Glycol dinitrate; Nitroglycol; EGDN;	628-96-6	0.05	0.31	-	-	Sk.
Carbon monoxide (e)	630-08-0	30	34	-	-	- - A (see footnote (e))
Phenylphosphine	638-21-1	0.05 Peak limitation	0.23 Peak limitation	-	-	
Hexamethyl phosphoramide (d) ;HEMPA;	680-31-9	-	-	-	-	Carc. 1B
Methyl silicate ;Tetramethyl orthosilicate;	681-84-5	1	6	-	-	
Hexafluoroacetone	684-16-2	0.1	0.68	-	-	Sk.
N-Isopropylaniline	768-52-5	2	11	-	-	Sk.
1,1,1,2-Tetrafluoroethane ;HFC 134a;	811-97-2	1000	4240	-	-	
Hexamethylene diisocyanate ;HDI;	822-06-0					Sen.; SEE: Isocyanates, all
1-Methyl-2-pyrrolidone	872-50-4	25	103	75	309	Sk.
Fonofos ;Dyfonate;	944-22-9	-	0.1	-	-	Sk.

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
2-Hydroxypropyl acrylate	999-61-1	0.5	2.8	-	-	Sk.; Sen.
Propane sultone (d)	1120-71-4	-	-	-	-	Carc. 1B
tert-Butyl chromate (as CrO3)	1189-85-1	-	0.1 Peak limitation	-	-	Sk.
Xylidine ;Aminodimethyl benzene; Dimethylaminobenzene;	1300-73-8	0.5	2.5	-	-	Sk
Emery (dust) (a)	1302-74-5	-	10	-	-	- - H (see Chapter 14)
Boron oxide ;Diboron trioxide;	1303-86-2	-	10	-	-	
Borates, tetra, sodium salts (decahydrate) ;Borax; Disodium tetraborate decahydrate;	1303-96-4	-	5	-	-	
Bismuth telluride ;Dibismuth tritelluride;	1304-82-1	-	10	-	-	
Bismuth telluride, Se-doped	1304-82-1	-	5	-	-	
Calcium hydroxide	1305-62-0	-	5	-	-	
Calcium oxide	1305-78-8	-	2	-	-	
Iron oxide fume (Fe2O3) (as Fe)	1309-37-1	-	5	-	-	- - H (see Chapter 17)
Magnesium oxide (fume)	1309-48-4	-	10	-	-	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Antimony trioxide, handling and use (as Sb)	1309-64-4	-	0.5	-	-	Carc. 2
Antimony trioxide, production (d)	1309-64-4	-	-	-	-	Carc. 2
Potassium hydroxide	1310-58-3	-	2 Peak limitation	-	-	
Sodium hydroxide	1310-73-2	-	2 Peak limitation	-	-	
Zinc oxide (dust) (a)	1314-13-2	-	10	-	-	
Zinc oxide (fume)	1314-13-2	-	5	-	10	
Vanadium (as V2O5), (respirable dust & fume)	1314-62-1	-	0.05	-	-	Carc. 2
Phosphorus pentasulphide ;Diphosphorous pentasulphide;	1314-80-3	-	1	-	3	
Tripoli (respirable dust)	1317-95-9	-	0.05	-	-	---(see Silica - Crystalline); Carc. 1A
Cresol, all isomers	1319-77-3	5	22	-	-	Sk.
Pentachloronaphthalene	1321-64-8	-	0.5	-	-	
Trichloronaphthalene	1321-65-9	-	5	-	-	Sk.
Divinyl benzene	1321-74-0	10	53	-	-	
Arsenic trioxide production (as As) (d)	1327-53-3	-	-	-	-	Carc. 1A

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Borates, tetra, sodium salts (anhydrous) ;Disodium tetraborate anhydrous;	1330-43-4	-	1	-	-	
Asbestos (b)	1332-21-4					
Kaolin (a)	1332-58-7	-	10	-	-	- - H (see Chapter 14)
Hydrogen	1333-74-0	-	-	-	-	- - - Asphyxiant (see Chapter 10)
Carbon black	1333-86-4	-	3	-	-	
Hexachloronaphthalene	1335-87-1	-	0.2	-	-	Sk.
Tetrachloronaphthalene	1335-88-2	-	2	-	-	
Methyl ethyl ketone peroxide ;MEKP;	1338-23-4	0.2 Peak limitation	1.5 Peak limitation	-	-	
a-Alumina (Al2O3)	1344-28-1					
Aluminium oxide (a)	1344-28-1	-	10	-	-	- - H (see Chapter 14)
Calcium silicate (a)	1344-95-2	-	10	-	-	- - H (see Chapter 14)
Subtilisins (Proteolytic enzymes as 100% pure crystalline enzyme)	1395-21-7	-	0.00006 Peak limitation	-	-	Sen.
m-Xylene-a,a'-diamine ;m-Xylylendiamine; 1,3-Benzenedimethanamine;	1477-55-0	-	0.1 Peak limitation	-	-	Sk.
Carbofuran ;Furadan;	1563-66-2	-	0.1	-	-	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Methyl-tert butyl ether	1634-04-4	25	92	75	275	
Atrazine	1912-24-9	-	5	-	-	Sen.
Picloram ;Tordon;	1918-02-1	-	10	-	-	
Nitrapyrin ;2-Chloro-6-(trichloromethyl) pyridine; N-Serve;	1929-82-4	-	10	-	20	Carc. 2
o-Chlorostyrene	2039-87-4	50	283	75	425	
EPN (h) ;O-Ethyl-O-(4-nitrophenyl) phenylthiophosphonate;	2104-64-5	-	0.5	-	-	Sk.
Allyl propyl disulfide	2179-59-1	2	12	3	18	
Octachloronaphthalene	2234-13-1	-	0.1	-	0.3	Sk.
Diglycidyl ether (DGE) ;DGE; bis(2,3-Epoxy propyl) ether;	2238-07-5	0.1	0.53	-	-	
Captafol ;Difolatan;	2425-06-1	-	0.1	-	-	Carc. 1B; Sk.; Sen.
n-Butyl glycidyl ether (BGE) ;BGE; 1-Butoxy-2,3-epoxypropane; Butyl-2,3-epoxypropyl ether;	2426-08-6	25	133	-	-	Carc. 2; Sen.
Triglycidylisocyanurate (TGIC) ;Araldite PT 810; TGIC;	2451-62-9	-	0.08	-	-	Sen.
Dibutyl phenyl phosphate	2528-36-1	0.3	3.5	-	-	Sk.

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Sulphur hexafluoride ;Sulfur hexafluoride;	2551-62-4	1000	5970	-	-	
o-Chlorobenzylidene malononitrile	2698-41-1	0.05 Peak limitation	0.39 Peak limitation	-	-	Sk.
Sulphuryl fluoride ;Sulfuryl fluoride;	2699-79-8	5	21	10	42	
Chlorpyrifos ;Dursban;	2921-88-2	-	0.2	-	-	Sk.
Clopidol ;Coyden;	2971-90-6	-	10	-	-	
Tetramethyl succinonitrile	3333-52-6	0.5	2.8	-	-	Sk.
Temephos ;Abate;	3383-96-8	-	10	-	-	
Lead arsenate (as Pb3(AsO4)2)	3687-31-8	-	0.15	-	-	
Sulfotep ;TEDP; O,O,O,O-Tetraethyl dithiopyrophosphate;	3689-24-5	0.007	0.1	-	-	Sk.
Ammonium perfluorooctanoate (h)	3825-26-1	-	0.1	-	-	Carc. 2
Isopropyl glycidyl ether (IGE) ;2,3-Epoxypropyl isopropyl ether; IGE;	4016-14-2	50	238	75	356	
Isophorone diisocyanate	4098-71-9					Sen.; SEE: Isocyanates, all
Crotonaldehyde ;trans-But-2-enal;	4170-30-3	2	5.7	-	-	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Paraquat (respirable sizes) ;Paraquat dichloride (ISO);	4685-14-7	-	0.1	-	-	
Methylene bis(4-cyclo-hexylisocyanate)	5124-30-1					Sen.; SEE: Isocyanates, all
Sulphur pentafluoride ;Disulphur decafluoride;	5714-22-7	0.01 Peak limitation	0.1 Peak limitation	-	-	
Propylene glycol dinitrate	6423-43-4	0.05	0.34	-	-	Sk.
Monocrotophos ;Azodrin;	6923-22-4	-	0.25	-	-	
Aluminium, alkyls (NOC) (as Al)	7429-90-5	-	2	-	-	
Aluminium, pyro powders (as Al)	7429-90-5	-	5	-	-	
Aluminium, soluble salts (as Al)	7429-90-5	-	2	-	-	
Aluminium (metal dust)	7429-90-5	-	10	-	-	
Aluminium (welding fumes) (as Al)	7429-90-5	-	1	-	-	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Lead, inorganic dusts & fumes (as Pb)	7439-92-1	-	0.05	-	-	Carc. 2; The workplace exposure standard for 'Lead, inorganic dusts & fumes (as Pb)' was updated on 27 April 2018 in line with the decision of ministers responsible for work health and safety. This WES has a recommended transition period of two years. For information about transitional arrangements in your jurisdiction, please contact your local WHS Regulator
Manganese, dust & compounds (as Mn)	7439-96-5	-	1	-	-	
Manganese, fume (as Mn) ;Manganese tetroxide;	7439-96-5	-	1	-	3	
Mercury, elemental vapour (as Hg)	7439-97-6	0.003	0.025	-	-	
Molybdenum, insoluble compounds (as Mo)	7439-98-7	-	10	-	-	
Molybdenum, soluble compounds (as Mo)	7439-98-7	-	5	-	-	
Neon	7440-01-9	-	-	-	-	- - - Asphyxiant (see Chapter 10)
Nickel sulphide roasting (fume & dust) (as Ni)	7440-02-0		1			Carc. 1A; Sen.
Nickel, soluble compounds (as Ni)	7440-02-0	-	0.1	-	-	Sen.
Nickel, metal	7440-02-0	-	1	-	-	Carc. 2; Sen.
Platinum, metal	7440-06-4	-	1	-	-	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Rhodium, metal	7440-16-6	-	1	-	-	
Rhodium, insoluble compounds (as Rh)	7440-16-6	-	1	-	-	
Rhodium, soluble compounds (as Rh)	7440-16-6	-	0.01	-	-	
Silicon (a)	7440-21-3	-	10	-	-	- - H (see Chapter 14)
Silver, metal	7440-22-4	-	0.1	-	-	
Silver, soluble compounds (as Ag)	7440-22-4	-	0.01	-	-	
Tantalum, metal & oxide dusts	7440-25-7	-	5	-	-	
Thallium, soluble compounds (as Tl)	7440-28-0	-	0.1	-	-	Sk.
Tin, metal	7440-31-5	-	2	-	-	
Tin, organic compounds (as Sn)	7440-31-5	-	0.1	-	0.2	Sk.
Tin, oxide & inorganic compounds, except SnH4 (as Sn)	7440-31-5	-	2	-	-	
Tungsten, insoluble compounds (as W)	7440-33-7	-	5	-	10	
Tungsten, soluble compounds (as W)	7440-33-7	-	1	-	3	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Antimony & compounds (as Sb)	7440-36-0	-	0.5	-	-	
Argon	7440-37-1	-	-	-	-	- - - Asphyxiant (see Chapter 10)
Arsenic & soluble compounds (as As)	7440-38-2	-	0.05	-	-	Carc. 1A
Barium, soluble compounds (as Ba)	7440-39-3	-	0.5	-	-	
Beryllium & compounds	7440-41-7	-	0.002	-	-	Carc. 1B
Cadmium and compounds (as Cd)	7440-43-9	-	0.01	-	-	Carc. 1B
Chromium (metal)	7440-47-3	-	0.5	-	-	
Cobalt, metal dust & fume (as Co) (h)	7440-48-4	-	0.05	-	-	Sen.
Copper, dusts & mists (as Cu)	7440-50-8	-	1	-	-	
Copper (fume)	7440-50-8	-	0.2	-	-	
Hafnium	7440-58-6	-	0.5	-	-	
Helium	7440-59-7	-	-	-	-	- - - Asphyxiant (see Chapter 10)
Uranium (natural), soluble & insoluble compounds (as U)	7440-61-1	-	0.2	-	0.6	
Yttrium, metal & compounds (as Y)	7440-65-5	-	1	-	-	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Zirconium compounds (as Zr)	7440-67-7	-	5	-	10	
Indium & compounds (as In)	7440-74-6	-	0.1	-	-	
Sulphur dioxide ;Sulfur dioxide;	7446-09-5	2	5.2	5	13	
Iodine	7553-56-2	0.1 Peak limitation	1 Peak limitation	-	-	
Dichloroacetylene	7572-29-4	0.1 Peak Limitation	0.39 Peak Limitation	-	-	Carc. 2
Lithium hydride	7580-67-8	-	0.025	-	-	
Perchloryl fluoride	7616-94-6	3	13	6	25	
Fumed silica (respirable dust)	7631-86-9	-	2	-	-	- - A (see Chapter 14); Carc. 1A; - - - (also see Silica - Amorphous)
Sodium bisulphite ;Sodium hydrogen sulphite;	7631-90-5	-	5	-	-	
Boron trifluoride	7637-07-2	1 Peak limitation	2.8 Peak limitation	-	-	
Zinc chloride (fume)	7646-85-7	-	1	-	2	
Hydrogen chloride ;Hydrochloric acid;	7647-01-0	5 Peak limitation	7.5 Peak limitation	-	-	
Phosphoric acid ;Orthophosphoric acid;	7664-38-2	-	1	-	3	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Hydrogen fluoride (as F)	7664-39-3	3 Peak limitation	2.6 Peak limitation	-	-	
Ammonia	7664-41-7	25	17	35	24	
Sulphuric acid ;Sulfuric acid;	7664-93-9	-	1	-	3	
Sodium metabisulphite ;Disodium disulphite;	7681-57-4	-	5	-	-	
Nitric acid	7697-37-2	2	5.2	4	10	
Thionyl chloride	7719-09-7	1 Peak limitation	4.9 Peak limitation	-	-	
Phosphorus trichloride	7719-12-2	0.2	1.1	0.5	2.8	
Hydrogen peroxide	7722-84-1	1	1.4	-	-	
Tetrasodium pyrophosphate	7722-88-5	-	5	-	-	
Phosphorus (yellow)	7723-14-0	-	0.1	-	-	
Bromine	7726-95-6	0.1	0.66	0.3	2	
Potassium Persulfate ;Potassium Persulphate;	7727-21-1	-	0.1 Peak Limitation	-	-	Sen.
Nitrogen	7727-37-9	-	-	-	-	- - - Asphyxiant (see Chapter 10)
Barium sulphate (a)	7727-43-7	-	10	-	-	- - H (see Chapter 14)

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Ammonium Persulfate ;Ammonium Persulphate;	7727-54-0	-	0.1 Peak Limitation	-	-	Sen.
Lead chromate (as Cr) (h)	7758-97-6	-	0.05	-	-	Carc. 1B
Ammonium sulphamate ;Ammate;	7773-06-0	-	10	-	-	
Sodium persulfate ;Sodium persulphate;	7775-27-1		0.01 Peak Limitation			Sen.
Calcium sulphate (a) ;Gypsum; Plaster of Paris;	7778-18-9	-	10	-	-	- - H (see Chapter 14)
Fluorine	7782-41-4	1	1.6	2	3.1	
Graphite (all forms except fibres) (respirable dust)(g)(natural & synthetic)	7782-42-5	-	3	-	-	- - A (see Chapter 14)
Selenium compounds (as Se) excluding hydrogen selenide	7782-49-2	-	0.1	-	-	
Chlorine	7782-50-5	1 Peak limitation	3 Peak limitation	-	-	
Germanium tetrahydride ;Germane;	7782-65-2	0.2	0.63	-	-	
Hydrogen sulphide	7783-06-4	10	14	15	21	
Hydrogen selenide (as Se)	7783-07-5	0.05	0.16	-	-	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Oxygen difluoride	7783-41-7	0.05 Peak limitation	0.11 Peak limitation	-	-	
Nitrogen trifluoride	7783-54-2	10	29	-	-	
Sulphur tetrafluoride ;Sulfur tetrafluoride;	7783-60-0	0.1 Peak limitation	0.44 Peak limitation	-	-	
Selenium hexafluoride (as Se)	7783-79-1	0.05	0.16	-	-	
Tellurium hexafluoride (as Te)	7783-80-4	0.02	0.1	-	-	
Arsine	7784-42-1	0.05	0.16	-	-	Carc. 1A
Mevinphos ;Phosdrin;	7786-34-7	0.01	0.092	0.03	0.27	Sk.
Bromine pentafluoride	7789-30-2	0.1	0.72	-	-	
Chlorine trifluoride	7790-91-2	0.1 Peak limitation	0.38 Peak limitation	-	-	
Chlorosulphonic acid	7790-94-5	0.209	1	-	-	
Phosphine	7803-51-2	0.3	0.42	1	1.4	
Stibine	7803-52-3	0.1	0.51	-	-	
Silicon tetrahydride ;Silane;	7803-62-5	5	6.6	-	-	
Chlorinated camphene ;Camphechlor;	8001-35-2	-	0.5	-	1	Carc. 2; Sk.
Paraffin wax (fume)	8002-74-2	-	2	-	-	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Pyrethrum ;Pyrethrins (ISO);	8003-34-7	-	5	-	-	Sen.
Turpentine (wood) ;Turpentine;	8006-64-2	100	557	-	-	Sen.
Oil mist, refined mineral	8012-95-1	-	5	-	-	
Methyl demeton ;Demeton-O-methyl plus demeton-S-methyl; Metasystox;	8022-00-2	-	0.5	-	-	Sk.
White spirits ;Stoddard solvent;	8052-41-3	-	790	-	-	Carc. 1B
Bitumen fumes ;Asphalt (petroleum);	8052-42-4	-	5	-	-	
Demeton ;Systox;	8065-48-3	0.01	0.11	-	-	Sk.
Cellulose (paper fibre) (a)	9004-34-6	-	10	-	-	- - A (see Chapter 14)
Starch (a)	9005-25-8	-	10	-	-	- - H (see Chapter 14)
Nitrous oxide ;Dinitrogen monoxide; Laughing gas;	10024-97-2	25	45	-	-	
Sulphur monochloride ;Disulphur dichloride; Sulfur monochloride; Disulfur dichloride;	10025-67-9	1 Peak limitation	5.5 Peak limitation	-	-	
Phosphorus oxychloride ;Phosphoryl trichloride;	10025-87-3	0.1	0.63	-	-	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Phosphorus pentachloride	10026-13-8	0.1	0.85	-	-	
Ozone	10028-15-6	0.1 Peak limitation	0.2 Peak limitation	-	-	
Hydrogen bromide	10035-10-6	3 Peak limitation	9.9 Peak limitation	-	-	
Chlorine dioxide	10049-04-4	0.1	0.28	0.3	0.83	
Nitric oxide ;Nitrogen monoxide;	10102-43-9	25	31	-	-	
Nitrogen dioxide	10102-44-0	3	5.6	5	9.4	
Cobalt carbonyl (as Co)	10210-68-1	-	0.1	-	-	Sen.
Boron tribromide	10294-33-4	1 Peak limitation	10 Peak limitation	-	-	
PCBs (54% Chlorine) ;Chlorobiphenyl;	11097-69-1	-	0.5	-	1	Sk.
Zinc chromate (as Cr)	11103-86-9	-	0.01	-	-	Carc. 1A; Sen.
Mica	12001-26-2	-	2.5 (inspirable)	-	-	
Crocidolite (b)	12001-28-4	0.1 f/mL (P)	-	-	-	1 - A* (see Asbestos); Carc. 1A
Chrysotile (b)	12001-29-5	0.1 f/mL	-	-	-	1 - - (see Asbestos); Carc. 1A
Manganese cyclopenta-dienyl tricarbonyl (as Mn) ;Tricarbonyl (eta cyclopentadienyl) manganese;	12079-65-1	-	0.1	-	-	Sk.

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Methylcyclopentadienyl manganese tricarbonyl (as Mn) ;Tricarbonyl (methylcyclopentadienyl)-manganese;	12108-13-3	-	0.2	-	-	Sk.
Ammonium chloride (fume)	12125-02-9	-	10	-	20	
Amosite (b)	12172-73-5	0.1 f/mL (P)	-	-	-	1-A*(see Asbestos); Carc. 1A
Borates, tetra, sodium salts (pentahydrate) ;Disodium tetraborate pentahydrate;	12179-04-3	-	1	-	-	
Ferrovanadium dust	12604-58-9	-	1	-	3	
Cyhexatin ;Plictran; Tricyclohexyltin hydroxide;	13121-70-5	-	5	-	-	
Nickel carbonyl (as Ni) ;Tetracarbonyl nickel;	13463-39-3	0.05	0.12	-	-	Carc. 2
Iron pentacarbonyl (as Fe)	13463-40-6	0.1	0.23	0.2	0.45	
Titanium dioxide (a)	13463-67-7	-	10	-	-	- - H (see Chapter 14)
Tellurium & compounds (as Te)	13494-80-9	-	0.1	-	-	
Enflurane ;2-Chloro-1,1,2-trifluoroethyl difluoromethyl ether;	13838-16-9	0.5	3.8	-	-	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Cristobalite (respirable dust)	14464-46-1	-	0.05	-	-	---(see Silica - Crystalline); Carc. 1A
Ferbam	14484-64-1	-	10	-	-	
Talc, (containing no asbestos fibres)	14807-96-6	-	2.5	-	-	
Quartz (respirable dust)	14808-60-7	-	0.05	-	-	---(see Silica - Crystalline); Carc. 1A
Tridymite (respirable dust)	15468-32-3	-	0.05	-	-	---(see Silica - Crystalline); Carc. 1A
Ethylidene norbornene	16219-75-3	5 Peak limitation	25 Peak limitation	-	-	
Methomyl ;Lannate;	16752-77-5	-	2.5	-	-	
Cobalt hydrocarbonyl (as Co)	16842-03-8	-	0.1	-	-	Sen.
Decaborane	17702-41-9	0.05	0.25	0.15	0.75	Sk.
Benomyl (f) ;Benlate;	17804-35-2	0.84	10	-	-	Sen.
Diborane	19287-45-7	0.1	0.11	-	-	
Pentaborane	19624-22-7	0.005	0.013	0.015	0.039	
Osmium tetroxide (as Os)	20816-12-0	0.0002	0.0016	0.0006	0.0047	
Metribuzin ;Sencor;	21087-64-9	-	5	-	-	
Caesium hydroxide ;Cesium hydroxide;	21351-79-1	-	2	-	-	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
Fenamiphos ;Nemacur;	22224-92-6	-	0.1	-	-	Sk.
Vinyl toluene ;Methyl styrene;	25013-15-4	50	242	100	483	
Dinitrotoluene (h)	25321-14-6	-	1.5	-	-	Carc. 1B; Sk.
Trimethyl benzene	25551-13-7	25	123	-	-	
Methylcyclohexanol	25639-42-3	50	234	-	-	
Terphenyls	26140-60-3	0.5 Peak limitation	4.7 Peak limitation	-	-	
Sodium azide (f)	26628-22-8	0.11 Peak limitation	0.3 Peak limitation	-	-	
Isooctyl alcohol	26952-21-6	50	266	-	-	Sk.
Anisidine (o-, p- isomers) ;Methoxyaniline;	29191-52-4	0.1	0.5	-	-	Carc. 1B; Sk.
Chlorinated diphenyl oxide	31242-93-0	-	0.5	-	-	
(2-Methoxymethylethoxy) propanol ;Dipropylene glycol (mono) methyl ether;	34590-94-8	50	308	-	-	Sk.
Sulprofos ;Bolstar;	35400-43-2	-	1	-	-	
Hydrogenated terphenyls	37275-59-5	0.5	4.9	-	-	

Standard Name	CAS No	TWA ppm	TWA (mg/m3)	STEL ppm	STEL (mg/m3)	Notes
PCBs (42% Chlorine) ;Chlorobiphenyl; Polychlorinated biphenyls; Polychlorobiphenyls;	53469-21-9	-	1	-	2	Sk.
Silica, fused	60676-86-0					
Diatomaceous earth (uncalcined) (inhalable)	61790-53-2	-	10	-	-	This value is for inhalable dust containing no asbestos and < 1% crystalline silica.;- - - (also see Silica - Amorphous)
Coal tar pitch volatiles (as benzene solubles)	65996-93-2	-	0.2	-	-	Carc. 1A
Portland cement (a)	65997-15-1	-	10	-	-	- - H (see Chapter 14)
LPG (liquified petroleum gas)	68476-85-7	1000	1800	-	-	Carc. 1A
Perlite dust (a)	93763-70-3	-	10	-	-	- - H (see Chapter 14)
Silica gel (inhalable)	112926-00-8	-	10	-	-	This value is for inhalable dust containing no asbestos and < 1% crystalline silica.;- - - (also see Silica - Amorphous)
Precipitated silica (inhalable)	112926-00-8	-	10	-	-	This value is for inhalable dust containing no asbestos and < 1% crystalline silica.;- - - (also see Silica - Amorphous)