

Chemical name	CAS [1]	TWA [2] (mg/m3) [5]	TWA [2] (ppm) [6]	STEL [3] (mg/m3) [5]	STEL [3] (ppm) [6]	Notation [4]	Directive
(2-Butoxyethoxy) ethanol	112-34-5	67.5	10	101.2	15	-	DIR 2006/15/CE
(2-Methoxyethoxy)ethanol	111-77-3	50.1	10	-	-	Skin	DIR 2006/15/CE
Acetic acid	64-19-7	25	10	-	-	-	DIR 91/322/CE
Acetone	67-64-1	1210	500	-	-	-	DIR 2000/39/CE
Acetonitrile	75-05-8	70	40	-	-	Skin	DIR 2006/15/CE
Allyl alcohol	107-18-6	4.8	2	12.1	5	Skin	DIR 2000/39/CE
Amilacetate,tert	625-16-1	270	50	540	100	-	DIR 2000/39/CE
Aminoethanol	141-43-5	2.5	1	7.6	3	Skin	DIR 2006/15/CE
Ammonia (anhydrous)	7664-41-7	14	20	36	50	-	DIR 2000/39/CE
Barium (soluble compounds as Ba)		0.5	-	-	-	-	DIR 2006/15/CE
Bisphenol A (inhalable dust)	80-05-7	10	-	-	-	-	DIR 2009/161/CE
Bromine	7726-95-6	0.7	0.1	-	-	-	DIR 2006/15/CE
Butanone	78-93-3	600	200	900	300	-	DIR 2000/39/CE
Butoxyethanol	111-76-2	98	20	246	50	Skin	DIR 2000/39/CE
Butoxyethyl acetate	112-07-2	133	20	333	50	Skin	DIR 2000/39/CE
Calcium dihydroxide	1305-62-20	5	-	-	-	-	DIR 91/322/CE
Carbon dioxide	124-38-9	9000	5000	-	-	-	DIR 2006/15/CE
Carbon disulphide	75-15-0	15	5	-	-	Skin	DIR 2009/161/CE
Chlorine	7782-50-5			1.5	0.5	-	DIR 2006/15/CE
Chlorodifluoromethane	75-45-6	3600	1000	-	-	-	DIR 2000/39/CE
Chloroethane	75-00-3	268	100	-	-	-	DIR 2006/15/CE
Chloroform	67-66-3	10	2	-	-	Skin	DIR 2000/39/CE
Compounds and Inorganic Chromium (III)		2	-	-	-	-	DIR 2006/15/CE
Cresol (all isomers)	1319-77-3	22	5	-	-	-	DIR 91/322/CE
Cumene	98-82-8	100	20	250	50	Skin	DIR 2000/39/CE
Cyanamide	420-04-2	1	0.58	-	-	Skin	DIR 2006/15/CE
Cyclohexane	110-82-7	700	200	-	-	-	DIR 2006/15/CE
Cyclohexanone	108-94-1	40.8	10	81.6	20	Skin	DIR 2000/39/CE

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Dichlorobenzene	95-50-1	122	20	306	50	Skin	DIR 2000/39/CE
Dichlorobenzene	106-46-7	122	20	306	50	-	DIR 2000/39/CE
Dichloroethane	75-34-3	412	100	-	-	Skin	DIR 2000/39/CE
Diethyl ether	60-29-7	308	100	616	200	-	DIR 2000/39/CE
Diethylamine	109-89-7	15	5	30	10	-	DIR 2006/15/CE
Dihydrogen selenide	7783-83-05	0.07	0.02	0.17	0.05	-	DIR 2000/39/CE
Dimethyl ether	115-10-6	1920	1000	-	-	-	DIR 2000/39/CE
Dimethylamine	124-40-3	3.8	2	9.4	5	-	DIR 2000/39/CE
Dioxane	123-91-1	73	20	-	-	-	DIR 2009/161/CE
Diphosphorous pentaoxide	1314-56-3	1	-	-	-	-	DIR 2006/15/CE
Diphosphorous pentasulphide	1314-80-3	1	-	-	-	-	DIR 2006/15/CE
Dipropylene glycol monomethyl ether	34590-94-8	308	50	-	-	Skin	DIR 2000/39/CE
e-Caprolactam (dust and vapour)	105-60-2	10	-	40	-	-	DIR 2000/39/CE
Ethoxy ethanol	110-80-5	8	2	-	-	Skin	DIR 2009/161/CE
Ethoxyethyl acetate	111-15-9	11	2	-	-	Skin	DIR 2009/161/CE
Ethyl benzene	100-41-4	442	100	884	200	Skin	DIR 2000/39/CE
Ethylacrylate	140-88-5	21	5	42	10	-	DIR 2009/161/CE
Ethylamine	75-04-7	9.4	5	-	-	-	DIR 2000/39/CE
Ethylene glycol	107-21-1	52	20	104	40	Skin	DIR 2000/39/CE
Fluorides (inorganic)		2.5	-	-	-	0	DIR 2000/39/CE
Fluorine	7782-41-4	1.58	1	3.16	2	-	DIR 2000/39/CE
Formic acid	64-18-6	9	5	-	-	-	DIR 2006/15/CE
Heptan-2-one	110-43-0	238	50	475	100	Skin	DIR 2000/39/CE
Heptan-3-one	106-35-4	95	20	-	-	-	DIR 2000/39/CE
Hydrogen bromide	10035-10-6	-	-	6.7	2	-	DIR 2000/39/CE
Hydrogen chloride	7647-01-0	8	5	15	10	-	DIR 2000/39/CE
Hydrogen fluoride	7664-39-3	1.5	1.8	2.5	3	-	DIR 2000/39/CE
Hydrogen sulphide	7783-06-4	7	5	14	10	-	DIR 2009/161/CE

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Isopentane	78-78-4	3000	1000	-	-	-	DIR 2006/15/CE
Isopentil acetate	123-92-2	270	50	540	100	-	DIR 2000/39/CE
Lithium hydride	7580-67-8	0.025	-	-	-	-	DIR 91/322/CE
Mercury and divalent inorganic mercury compounds including mercuric oxide and mercuric chloride (measured as mercury) [7]		0,02	-	-	-	-	DIR 2009/161/CE
Methanol	67-56-1	260	200	-	-	Skin	DIR 2006/15/CE
Methoxyethanol	109-86-4	-	1	-	-	Skin	DIR 2009/161/CE
Methoxypropan-2-ol	107-98-2	375	100	568	150	Skin	DIR 2000/39/CE
Methoxypropyl-2-acetate	108-65-6	275	50	550	100	Skin	DIR 2000/39/CE
Methyl methacrylate	80-62-6	-	50	-	100	-	DIR 2009/161/CE
Methylacrylate	96-33-3	18	5	36	10	-	DIR 2009/161/CE
Methylheptan-3-one	541-85-5	53	10	107	20	-	DIR 2000/39/CE
Methylhexan-2-one	110-12-3	95	20	-	-	-	DIR 2000/39/CE
Methylisocyanate	624-83-9	-	-	-	0,02	-	DIR 2009/161/CE
Methylpentan-2-one	108-10-1	83	20	208	50	-	DIR 2000/39/CE
Methoxyethyl acetate	110-49-6	-	1	-	-	Skin	DIR 2009/161/CE
Metylbutyl acetate	626-38-0	270	50	540	100	-	DIR 2000/39/CE
Monochlorobenzene	108-90-7	23	5	70	15	-	DIR 2006/15/CE
Morpholine	110-91-8	36	10	72	20	-	DIR 2006/15/CE
m-Xylene	108-38-3	221	50	442	100	Skin	DIR 2000/39/CE
N,N Dimethylformamide	68-12-2	15	5	30	10	Skin	DIR 2009/161/CE
N,N-Dimethylacetamide	127-19-5	36	10	72	20	Skin	DIR 2000/39/CE
Naphthalene	91-20-3	50	10	-	-	-	DIR 91/322/CE
n-Butylacrylate	141-32-2	11	2	53	10	-	DIR 2000/39/CE
Neopentane	463-82-1	3000	1000	-	-	-	DIR 2006/15/CE
n-Heptane	142-82-5	2085	500	-	-	-	DIR 2000/39/CE
n-Hexane	110-54-3	72	20	-	-	-	DIR 2006/15/CE
Nicotine	54-11-5	0.5	-	-	-	Skin	DIR 2006/15/CE

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Nitric acid	7697-37-2	-	-	2.6	1	-	DIR 2006/15/CE
Nitrobenzene	98-95-3	1	0.2	-	-	Skin	DIR 2006/15/CE
Nitrogen monoxide	10102-43-9	30	25	-	-	-	DIR 91/322/CE
n-Methyl-2-pyrrolidone	872-50-4	40	10	80	20	Skin	DIR 2009/161/CE
Ortophosphoric acid	7664-38-2	1	-	2	-	-	DIR 2000/39/CE
Oxalic acid	144-62-7	1	-	-	-	-	DIR 2006/15/CE
o-Xylene	95-47-6	221	50	442	100	Skin	DIR 2000/39/CE
Pentane	109-66-0	3000	1000	-	-	-	DIR 2006/15/CE
Pentyl acetate	620-11-1	270	50	540	100	-	DIR 2000/39/CE
Phenol	108-95-2	7.8	2	-	-	Skin	DIR 2000/39/CE
Phenol	108-95-2	8	2	16	4	Skin	DIR 2009/161/CE
Phenylpropene	98-83-9	246	50	492	100	-	DIR 2000/39/CE
Phosgene	75-44-5	0.08	0.02	0.4	0.1	-	DIR 2000/39/CE
Phosphine	7803-51-2	0.14	0.1	0.28	0.2	-	DIR 2006/15/CE
Phosphorous pentachloride	10026-13-8	1	-	-	-	-	DIR 2006/15/CE
Picric acid	88-89-1	0.1	-	-	-	-	DIR 91/322/CE
Piperazine	110-85-0	0.1	-	0.3	-	-	DIR 2000/39/CE
Platinum (metallic)	4/06/7440	1	-	-	-	-	DIR 91/322/CE
Propionic acid	79-09-4	31	10	62	20	-	DIR 2000/39/CE
p-Xylene	106-42-3	221	50	442	100	Skin	DIR 2000/39/CE
Pyrethrum (purified of sensitising lactones)	8003-34-7	1	-	-	-	-	DIR 2006/15/CE
Pyridine	110-86-1	15	5	-	-	-	DIR 91/322/CE
Resorcinol	108-46-3	45	10	-	-	Skin	DIR 2006/15/CE
Silver (soluble compounds as Ag)		0.01	-	-	-	-	DIR 2006/15/CE
Sodium azide	26628-22-8	0.1	-	0.3	-	Skin	DIR 2000/39/CE
Sulfotep	3689-24-5	0.1	-	-	-	Skin	DIR 2000/39/CE
Sulphuric acid (mist) [8] [9]	7664-93-9	0,05	-	-	-	-	DIR 2009/161/CE
Tertiary-butyl-methyl ether	1634-04-4	183,5	50	367	100	-	DIR 2009/161/CE
Tetrahydrofuran	109-99-9	150	50	300	100	Skin	DIR 2000/39/CE

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Tin and inorganic tin compounds		2	-	-	-	-	DIR 91/322/CE
Toluene	108-88-3	192	50	384	100	Skin	DIR 2006/15/CE
Trichlorobenzene	120-82-1	15.1	2	37.8	5	Skin	DIR 2000/39/CE
Trichloroethane	71-55-6	555	100	1110	200	-	DIR 2000/39/CE
Triethylamine	121-44-8	8.4	2	12.6	3	Skin	DIR 2000/39/CE
Trimethylbenzene	526-73-8	100	20	-	-	-	DIR 2000/39/CE
Trimethylbenzene	95-63-6	100	20	-	-	-	DIR 2000/39/CE
Trimethylbenzene	108-67-8	100	20	-	-	-	DIR 2000/39/CE
Vinyl acetate	108-05-4	17,6	5	35,2	10	-	DIR 2009/161/CE
Xylene (mixed isomers, pure)	1330-20-7	221	50	442	100	Skin	DIR 2000/39/CE

[1] CAS: Chemical Abstract Service Registry Number,

[2] Measured or calculated in relation to a reference period of 8 hours time-weighted average (TWA).

[3] Short-term exposure limit (STEL). A limit value above which exposure should not occur and which is related to a 15-minute period unless otherwise specified.

[4] A skin notation assigned to the occupational exposure limit value indicates the possibility of significant uptake through the skin.

[5] mg/m³: milligrams per cubic metre of air at 20 °C and 101,3 KPa.

[6] ppm: parts per million by volume in air (ml/m³).

[7] During exposure monitoring for mercury and its divalent inorganic compounds, account should be taken of relevant biological monitoring techniques that complement the IOELV.

[8] When selecting an appropriate exposure monitoring method, account should be taken of potential limitations and interferences that may arise in the presence of other sulphur compounds.

[9] The mist is defined as the thoracic fraction.