

INDUSTRIAL VENTILATION

A Manual of Recommended Practice

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COMMITTEE ON INDUSTRIAL VENTILATION

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American Conference of Governmental Industrial Hygienists

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Substance	ppm*	Mg/M ³ **	Substance	ppm*	Mg/M ³ **
1, Chloro, 2, 3 epoxypropane, see Epichlorhydrin			1, 2-Dichloroethane	50	200
2, Chloroethanol, see Ethylene chlorohydrin			1, 2-Dichloroethylene	200	790
Chloroethylene, see Vinyl chloride			†C Dichloroethyl ether—Skin	15	90
†C Chloroform (trichloro- methane)	50	240	Dichloromethane, see Methylene chloride		
1-Chloro-1-nitropropane	20	100	Dichloromonofluoro- methane	1000	4200
Chloropicrin	0.1	0.7	C 1, 1-Dichloro-1-nitroethane	10	60
Chloroprene (2-chloro-1, 3- butadiene)—Skin	25	90	1, 2-Dichloropropane, see Propylenedichloride		
Chromic acid and chromates (as CrO ₃)	—	0.1	Dichlorotetrafluoroethane	1000	7000
Chromium, sol. chromic, chromous salts as Cr metal and insol. salts	—	0.5	Dichlorvos (DDVP)—Skin	—	1
Coal tar pitch volatiles (benzene soluble fraction) (anthracene, BaP, phen- anthrene, acridine, chrysene, pyrene)	—	0.2	Dieldrin—Skin	—	0.25
Cobalt, metal fume & dust	—	0.1	Diethylamine	25	75
Copper Fume	—	0.1	Diethylamino ethanol—Skin	10	50
Dusts & Mists	—	1	†C Diethylene triamine—Skin	10	—
Corundum (Al ₂ O ₃)	—	D	Diethylether, see Ethyl ether		
Cotton dust (raw)	—	1	Difluorodibromomethane	100	860
Crag (R) herbicide	—	10	C Diglycidyl ether (DGE)	0.5	2.8
Cresol (all isomers)—Skin	5	22	Dihydroxybenzene, see Hydroquinone		
Crotonaldehyde	2	6	† Diisobutyl ketone	50	290
Cumene—Skin	50	245	Diisopropylamine—Skin	5	20
Cyanide (as CN)—Skin	—	5	Dimethylamine	10	18
Cyanogen	10	—	+ 4-Dimethylaminoazobenzene	—	A1
Cyclohexane	300	1050	Dimethylaminobenzene, see Methylal		
Cyclohexanol	50	200	Dimethyl acetamide—Skin	10	35
Cyclohexanone	50	200	Dimethylamine	10	18
Cyclohexene	300	1015	Dimethylaminobenzene, see Xylidene		
Cyclopentadiene	75	200	Dimethylaniline (N-dimethyl- aniline)—Skin	5	25
2, 4-D	—	10	Dimethylbenzene, see Xylene		
DDT—Skin	—	1	Dimethyl 1, 2-dibromo-2, 2- dichloroethyl phosphate, (Dibrom)	—	3
DDVP—Skin, see Dichlorvos			Dimethylformamide—Skin	10	30
Decaborane—Skin	0.05	0.3	2, 6 Dimethylheptanone, see Diisobutyl ketone		
Demeton (R)—Skin	—	0.1	1, 1-Dimethylhydrazine—Skin	0.5	1
Diacetone alcohol (4-hydroxy- 4-methyl-2-pentanone)	50	240	Dimethylphthalate	—	5
† 1, 2 Diaminoethane, see Ethylenediamine			Dimethylsulfate—Skin	1	5
Diazomethane	0.2	0.4	Dinitrobenzene (all isomers)—Skin	—	1
Diborane	0.1	0.1	Dinitro- <i>o</i> -cresol—Skin	—	0.2
C 1, 2-Dibromoethane (Ethylene dibromide)—Skin	25	190	Dinitrotoluene—Skin	—	1.5
Dibrom (R)	—	3	Dioxane (diethylene dioxide)	100	360
Dibutyl phosphate	1	5	Diphenyl	0.2	1
Dibutylphthalate	—	5	Diphenyl Amine	—	10
C Dichloroacetylene	0.1	0.4	Diphenylmethane diisocyanate (See Methylene bisphenyl isocyanate (MDI))		
C <i>o</i> -Dichlorobenzene	50	300	Dipropylene glycol methyl ether—Skin	100	600
<i>p</i> -Dichlorobenzene	75	450	Di- <i>sec</i> , octyl phthalate (Di-2-ethylhexyl- phthalate	—	5
+ Dichlorobenzidine—Skin	—	A1	Emery	—	D
Dichlorodifluoromethane	1000	4950	Endosulfan (Thiodan) (R)—Skin	—	0.1
1, 3-Dichloro-5, 5-dimethyl hydantoin	—	0.2	Endrin—Skin	—	0.1
† 1, 1-Dichloroethane	100	400	Epichlorhydrin—Skin	5	19