

iv.

Substance	ppm*	Mg/M ¹⁰⁰
C Hydrogen chloride	5	7
Hydrogen cyanide-Skin	10	11
Hydrogen fluoride	3	2
Hydrogen peroxide, 90%	1	1.4
Hydrogen selenide	0.05	0.2
+ Hydrogen sulfide	10	15
Hydroquinone	—	2
C Iodine	0.1	1
† Iron oxide fume	—	—
Isoamyl alcohol	100	360
Isophorone	25	140
Isopropyl alcohol	400	980
Isopropylamine	5	12
Isopropylether	500	2,100
Isopropyl glycidyl ether (IGE)	50	240
Ketene	0.5	0.9
Lead	—	0.2
Lead arsenate	—	0.15
Lindane-Skin	—	0.5
Lithium hydride	—	0.025
+ L. P. G. (Liquified petroleum gas)	1,000	1,800
Magnesium oxide fume	—	15
Malathion-Skin	—	15
C Manganese	—	5
Mercury-Skin	—	0.1
Mercury (organic compounds)-Skin	—	0.01
Mesityl oxide	25	100
Methanethiol, see Methyl mercaptan	—	—
Methoxychlor	—	15
2-Methoxyethanol, see Methyl cellosolve	—	—
Methyl acetate	200	610
Methyl acetylene (propyne)	1,000	1,650
+ Methyl acetylene-propadiene mixture (MAPP)	1,000	1,800
Methyl acrylate-Skin	10	35
Methylal (dimethoxymethane)	1,000	3,100
Methyl alcohol (methanol)	200	260
Methyl amyl alcohol, see Methyl isobutyl carbinol	—	—
C Methyl bromide-Skin	20	80
Methyl butyl ketone, see 2-Hexanone	—	—
Methyl cellosolve-Skin	25	80
Methyl cellosolve acetate-Skin	25	120
C Methyl chloride	100	210
Methyl chloroform	350	1,900
Methylcyclohexane	500	2,000
Methylcyclohexanol	100	470
o-Methylcyclohexanone-Skin	100	460
Methyl ethyl ketone (MEK), see 2-Butanone	—	—
Methyl formate	100	250
Methyl isobutyl carbinol-Skin	25	100
Methyl isobutyl ketone, see Hexone	—	—
+C Methyl mercaptan	10	20

+ 1966 Addition

Substance	ppm*	Mg/M ¹⁰⁰
+ Methyl methacrylate	100	410
Methyl propyl ketone, see 2-Pentanone	—	—
C Methyl styrene	100	480
C Methylene bisphenyl isocyanate (MDI)	0.02	0.2
Methylene chloride (dichloromethane)	500	1,740
Molybdenum (soluble compounds)	—	5
(insoluble compounds)	—	15
Monomethyl aniline-Skin	2	9
+ Morpholine-Skin	20	70
Naphtha (coal tar)	200	800
Naphtha (petroleum)	500	2,000
+ Naphthalene	10	50
β-Naphthylamine	—	A ²
Nickel carbonyl	0.001	0.007
+ Nickel, metal and soluble compounds	—	1
Nicotine-Skin	—	0.5
+ Nitric acid	2	5
p-Nitroaniline-Skin	1	6
Nitrobenzene-Skin	1	5
+ p-Nitrochlorobenzene-Skin	—	1
Nitroethane	100	310
C Nitrogen dioxide	5	9
+ Nitrogen trifluoride	10	29
C Nitroglycerin + EGDN-Skin	0.2	2
Nitromethane	100	250
1-Nitropropane	25	90
2-Nitropropane	25	90
N-Nitrosodimethyl-amine (Di-methyl-nitrosoamine)-Skin	—	A ²
Nitrotoluene-Skin	5	30
Nitrotrichloromethane, see Chloropicrin	—	—
Octane	500	2,350
Oil mist (mineral)	—	5
Osmium tetroxide	—	0.002
+ Oxygen difluoride	0.05	0.1
Ozone	0.1	0.2
Parathion-Skin	—	0.1
Pentaborane	0.005	0.01
Pentachloronaphthalene-Skin	—	0.5
Pentachlorophenol-Skin	—	0.5
Pentane	1,000	2,950
2-Pentanone	200	700
Perchloroethylene	100	670
Perchloromethyl mercaptan	0.1	0.8
Perchloryl fluoride	3	13.5
Phenol-Skin	5	19
+ p-Phenylene diamine-Skin	—	0.1
Phenylacetylene, see Styrene	—	—
Phenyl glycidyl ether (PGE)	50	310
Phenylhydrazine-Skin	5	22
Phosdrin (Mevinphos) (R)-Skin	—	0.1
+ Phosgene (carbonyl chloride)	0.1	0.4
Phosphine	0.3	0.4
Phosphoric acid	—	1

† See Tentative Limits

Substance	ppm*	Mg M ¹⁰⁰
Phosphorus (yellow)	—	0.1
Phosphorus pentachloride	—	1
Phosphorus pentasulfide	—	1
Phosphorus trichloride	0.5	3
+ Phthalic anhydride	2	12
Picric acid-Skin	—	0.1
Platinum (Soluble Salts)	—	0.002
Polytetrafluoroethylene decomposition products	—	A ⁴
+ Propane	1,000	1,800
Propyne, see Methylacetylene	—	—
β-Propiolactone	—	A ⁵
n-Propyl acetate	200	840
n-Propyl nitrate	25	110
Propylene dichloride	75	350
† Propylene imine-Skin	—	—
Propylene oxide	100	240
Pyrethrum	—	5
Pyridine	5	15
Quinone	0.1	0.4
Rotenone (commercial)	—	5
+ Selenium compounds (as Se)	—	0.2
+ Silver, metal and soluble compounds	—	0.01
Sodium fluoroacetate (1080) - Skin	—	0.05
Sodium hydroxide	—	2
Stibine	0.1	0.5
Stoddard solvent	500	2,900
Strychnine	—	0.15
C Styrene monomer (phenylethylene)	100	420
Sulfur dioxide	5	13
Sulfur hexafluoride	1,000	6,000
Sulfuric acid	—	1
Sulfur monochloride	1	6
Sulfur pentafluoride	0.025	0.25
Sulfuryl fluoride	5	20
Systox, see Demeton	—	—
2, 4, 5 T	—	10
Talatum	—	5
TEDP - Skin	—	0.2
Teflon (R) decomposition products	—	A ⁴
Tellurium	—	0.1
TEPP - Skin	—	0.05
+ 1, 1, 1, 2-Tetrachloro-2, 2-difluoroethane	500	4,170
1, 1, 2, 2-Tetrachloro-1, 2-difluoroethane	500	4,170
1, 1, 2, 2-Tetrachloroethane-Skin	5	35
Tetrachloroethylene, see Perchloroethylene	—	—
Tetrachloromethane, see Carbon tetrachloride	—	—
Tetraethyl lead (as Pb) - Skin	—	0.075
Tetrahydrofuran	200	590
Tebanitromethane	1	8
Tetlyl (2, 4, 6-trinitrophenylmethylinitramine) - Skin	—	1.5

+ 1966 Addition

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