

1991-1992
Threshold Limit Values
for Chemical Substances
and Physical Agents
and
Biological Exposure Indices



A C G I H

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Substance	[CAS #]	ADOPTED VALUES			
		TWA	STEL		
		ppm ^{a)}	mg/m ^{3a)}	ppm ^{a)}	mg/m ^{3a)}
Strychnine [57-24-9] (1986) ..	—	0.15	—	—	—
•Styrene, monomer [100-42-5] — Skin (1991) ..	50	213	100	426	
Subtilisins (1395-21-7; 5914-01-1) (Proteolytic enzymes as 100% pure crystalline enzyme) (1977) ..	—	C 0.00006 ^{b)}	—	—	—
Sucrose [57-50-1] (1966) ..	—	10	—	—	—
•Sulfotep [3689-24-6] — Skin (1986) ..	—	0.2	—	—	—
Sulfur dioxide [7446-09-5] (1986) ..	2	5.2	5	13	
Sulfur hexafluoride [2561-82-4] (1986) ..	1000	5970	—	—	—
Sulfuric acid [7664-93-9] (1989) ..	—	1	—	3	
Sulfur monochloride [10025-67-9] (1986) ..	C 1	C 5.5	—	—	—
Sulfur pentoxide [5714-22-7] (1986) ..	C 0.01	C 0.10	—	—	—
Sulfur tetrafluoride [7783-69-0] (1986) ..	C 0.1	C 0.44	—	—	—
Sulfuryl fluoride [2699-79-8] (1976) ..	5	21	10	42	
Sulprofos [35400-43-2] (1984)	—	1	—	—	—
Systox, see Demeton	—	10	—	—	—
2,4,5-T [93-76-5] (1986) ..	—	10	—	—	—
Talc (containing no asbestos fibers) [14807-96-0] (1983) ..	—	2.0 Respirable dust	—	—	—
•Talc (containing asbestos fibers) (1986) ..	Use asbestos TLV-TWA ^{b)}	—	—	—	—
Tantalum [7440-25-7], metal and oxide [1314-61-0] dusts, as Ta (1986) ..	—	5	—	—	—
TEEP, see Sulfotep	—	—	—	—	—
Tellurium [13494-80-9] and compounds, as Te (1977) ..	—	0.1	—	—	—
Tellurium hexafluoride [7783-80-4], as Te (1977) ..	0.02	0.10	—	—	—
•Teraphos [3383-95-0] (1986)	—	10	—	—	—
•TEPP [107-48-3] — Skin (1986) ..	0.004	0.047	—	—	—
Terphenyls [26140-00-3] (1980)	C 0.5	C 4.7	—	—	—
1,1,1,2-Tetrachloro-2,2- difluoroethane [75-11-9] (1986) ..	500	4170	—	—	—

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		ppm ^{a)}	mg/m ^{3a)}	ppm ^{a)}	mg/m ^{3a)}
1,1,2,2-Tetrachloro-1,2- difluoroethane [75-12-0] (1986) ..	500	4170	—	—	—
•1,1,2,2-Tetrachloroethane [79-34-5] — Skin (1986) ..	1	6.9	—	—	—
Tetrachloroethylene, see Perchloroethylene	—	—	—	—	—
Tetrachloromethane, see Carbon tetrachloride	—	—	—	—	—
Tetrachloronaphthalene [1335-88-2] (1986) ..	—	2	—	—	—
•Tetraethyl lead [78-00-2], as Pb — Skin (1986) ..	—	0.1 ^{cd)}	—	—	—
Tetrahydrofuran [109-98-9] (1976) ..	200	590	250	737	
•Tetramethyl lead [75-74-1], as Pb — Skin (1986) ..	—	0.15 ^{cd)}	—	—	—
Tetramethyl succinonitrile [3333-62-6] — Skin (1986) ..	0.5	2.6	—	—	—
Tetranitromethane [509-14-8] (1977) ..	1	8	—	—	—
Tetrasodium pyrophosphate [7722-88-3] (1980) ..	—	5	—	—	—
•Tetryl [478-45-0] (1986)	—	1.5	—	—	—
Thallium [7440-28-0] Soluble compounds, as Tl — Skin (1977) ..	—	0.1	—	—	—
4,4'-Thiobis(6-tert-butyl- m-cresol) [95-69-5] (1986)	—	10	—	—	—
Thioglycolic acid [68-11-1] — Skin (1978) ..	1	3.8	—	—	—
Thionyl chloride [7719-09-7] (1988) ..	C 1	C 4.9	—	—	—
Thiram [137-26-8] (1990) ..	—	1	—	—	—
Tin [7440-31-6] Metal (1982) ..	—	2	—	—	—
Oxide & inorganic compounds, except SnH ₄ , as Sn (1982) ..	—	2	—	—	—
†Organic compounds, as Sn — Skin (1986) ..	—	0.1	—	—	(—)
Titanium dioxide [13463-67-7] (1988) ..	—	10 ^{cd)}	—	—	—
•o-Tolidine [119-83-7] — Skin (1982) ..	A2 (100)	A2 (377)	—	—	—
†Toluene [108-88-3] (1976)	—	—	(150)	(565)	
•Toluene-2,4-diisocyanate (TDI) [584-84-9] (1983) ..	0.005	0.036	0.02	0.14	