1994–1995

Threshold Limit Values

for Chemical Substances

and Physical Agents

and

Biological Exposure Indices



ACGIH

	ADOPTED VALUES			
	TWA		STEL/CEILING (C)	
[CAS #]	ppm[a]	mg/m³[b]	ppm[a]	mg/m³[b]
dioxi				
(.....	10, A2	57,A2	—	—
e				
.....	5	20	20	79
3-15-4] (1981).	50	242	100	483
.....	300	1370	—	—
(1987)	—	0.1	—	—
.....	—	5.82	—	—
in hard woods as				
(1981)	—	1	—	—
)	—	5	—	10
95-47-6; 108-38-3;				
-, p-isomers)				
.....	100	434	150	651
amine				
n (1977)	—	—	—	C 0.1
omers)				
n (1990)	0.5,A2	2.5,A2	—	—
metal &				
Y (1988)	—	1	—	—
)				
.....	—	1	—	2
3530-65-9; 11103-86-9;				
(1988)	—	0.01,A1	—	—
6-2]				
... .	—	5	—	10
... .	—	10[c]	—	—
-7] and compounds,				
.....	—	5	—	10

NOTICE OF INTENDED CHANGES (for 1994–1995)

These substances, with their corresponding values, comprise those for which either a limit has been proposed for the first time, for which a change in the "Adopted" listing has been proposed, or for which retention on the Notice of Intended Changes has been proposed. In all cases, the proposed limits should be considered trial limits that will remain in the listing for a period of at least one year. If, after one year no evidence comes to light that questions the appropriateness of the values herein, the values will be reconsidered for the "Adopted" list. Documentation is available for each of these substances and their proposed values.

		TWA		STEL/CEILING (C)	
Substance	[CAS #]	ppm[a]	mg/m³[b]	ppm[a]	mg/m³[b]
Asbestos, all forms	[1332-21-4]		0.2 f/cc,[f]A1	—	—
† Benzene	[71-43-2]—Skin	0.3,A1	0.96,A1	—	—
† Benzoyl chloride	[98-88-4]	—	—	C 0.5	C 2.6
† Benzyl acetate	[140-11-4]	10,A4	61,A4	—	—
† tert-Butanol	[75-65-0]	100,A4	303,A4	—	—
n-Butyl acetate	[123-86-4]	20	95	—	—
† Dichloroacetylene	[7572-29-4] ..	- -	—	C 0.1,A3	C 0.39,A3
Dimethylethoxysilane	[14857-34-2]	0.5	2.1	1.5	6.4
† 1,1-Dimethylhydrazine					
	[57-14-7]—Skin	0.01,A3	0.025,A3	—	—
Epichlorohydrin					
	[106-89-8]—Skin	0.1,A2	0.38,A2	—	—
† Ethyl chloride	[75-00-3]—Skin .	100,A3	264,A3	—	—
† Ethylene glycol	[107-21-1],				
as an aerosol		—	—	C 39.4,A4	C 100,A4
† Hydrazine	[302-01-2]—Skin.....	0.01,A3	0.013,A3	—	—
† Isophorone	[78-59-1]	—	—	C 5,A3	C 28,A3
Lead, elemental	[7439-92-1],				
and inorganic compounds,					
as Pb*		—	0.05,A3	—	—
Manganese, elemental					
[7439-96-5],and inorganic					
compounds, as Mn		—	0.2	—	—
† Methyl acrylate	[96-33-3]—				
Skin		2,A4	7,A4	—	—
† Methyl-tert butyl ether					
	[1634-04-4]	40,A3	144,A3	—	—
† Methyl hydrazine	[60-34-4]—				
Skin		0.01,A3	0.019,A3	—	-
Nickel, elemental	[7440-02-0], insoluble and				
soluble compounds, as Ni .		—	0.05,A1	—	—
Nickel carbonyl	[13463-39-3],				
as Ni		Delete listing; included in listing for Nickel, elemental, insoluble and soluble compounds			
Nickel sulfide roasting,		Delete listing; included in listing for Nickel,			
fume & dust, as Ni		elemental, insoluble and soluble compounds			