

IFA-Round-robin Tests for Solvents

Table: Solvent selection

Hazardous Substance	Load for type B tube		Air threshold value	
	[mg/test tube]		[mg/m ³]	
	min	max	min	max
i-butyl acetate	0.192	38.4	0.077	15.36
n-butyl acetate	0.192	38.4	0.077	15.36
cyclohexane	0.280	56.0	0.112	22.40
ethyl acetate	0.600	120.0	0.240	48.00
ethyl benzene	0.176	35.2	0.070	14.08
n-heptane	0.840	168.0	0.336	67.20
n-hexane	0.072	14.4	0.029	5.76
n-octane	0.960	192.0	0.384	76.80
i-propyl acetate	0.168	33.6	0.067	13.44
n-propyl acetate	0.168	33.6	0.067	13.44
toluene	0.076	15.2	0.030	6.08
m-/p-xylene	0.176	35.2	0.070	14.08
o-xylene	0.176	35.2	0.070	14.08

The actual binding air limit values of different countries are available in the database www.dguv.de/ifa/gestis-limit-values