

Laboratory Risk Assessment

Assessment for C.O.S.H.H.

Procedure	Preparation of samples for diatom analysis
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Substance/Procedure	Risk of exposure L/M/H*	HSE Exposure Limits (mg/m³)	Local controls used	Disposal	Emergency procedures
Hydrogen peroxide	L	1.5	F/C, PPE, DG,	A, B	1, 4, 6
Preparation of 50% Hydrochloric Acid from Concentrated Acid	L	7	F/C, PPE, DG,	B, G	1, 5, 6
Preparation of 1% ammonia sol ⁿ from concentrated ammonia solution	L	18	F/C, PPE, DG,	A, B	1, 4, 6

* Risk of exposure (Low, Medium or High) providing local controls are used
For key to symbols see separate table