

Laboratory Risk Assessment

Procedure	Diatom Slide Preparation
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Level of Risk	Low
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Hazard	Risk	Recommended Control
Naphrax slide mountant -- contains TOLUENE	Inhalation of toxic fumes	?? Naphrax must be used in a fume cupboard ?? Do not open the bottle outside of the fume cupboard ?? Do not remove slides from the fume cupboard until completely cool
Naphrax slide mountant -- contains TOLUENE	Skin contamination	?? Wear gloves - do not handle the naphrax bottle without gloves ?? Wash gloves before removing them. ?? Wash hands after removing gloves ?? Do not leave contaminated pasteur pipettes in the fume cupboard - wrap in tissue and place in plastic bag before disposing of them
Hot plate at 130 ⁰ C	Burns to hands and forearms	?? Use tweezers/forceps to place and remove slides on hotplate ?? If leaving the empty hotplate switched on and unattended (i.e. to warm up), place a sign indicating that it is hot on the fume cupboard window.

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

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Substance/Procedure	Risk of exposure * L/M/H	HSE Exposure Limits (mg/m ³)	Local controls used	Disposal	Emergency procedures
Naphrax Slide mountant --- contains Toluene	L	(toluene) 375	F/C, PPE, DG	F	6, 7

* Risk of exposure providing local controls are used
For Key to symbols - see separate table