

Laboratory Risk Assessment

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| Procedure | 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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| Procedure | Slide preparation |
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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