



COSHH FORM

Always follow good laboratory practice, full guidance at <http://www.docs.csg.ed.ac.uk/Safety/policy/p5cl/p5cl2.pdf>

Each section has corresponding in depth guidance (section 2) for completion – please ensure you follow this guidance when completing this assessment http://www.docs.csg.ed.ac.uk/Safety/ra/COSHH_notes.pdf

This form can be used to evaluate the hazards of a single substance, group of related substances or a process/procedure as well as any proprietary purchased materials.

| | | | |
|-------------------------------|--|--------------------|-------------------|
| School/Management Unit | Clinical Sciences/MRC Centre for Reproductive Health | Assess. No. | SuRF-COSHH-007.03 |
| Title of Activity | General Procedure for Dewaxing of Paraffin Sections, Rehydration / Dehydration and Subsequent Mounting of Slides | | |
| Location(s) of Work | Laboratories E1.24 / E1.25 of the Shared University Research Facilities (SuRF) within The Queens Medical Research Institute (QMRI), 47 Little France Crescent, Edinburgh, EH16 4TJ | | |

Outline of task/method: General procedure for *In vitro* staining of tissues using stains and dyes and subsequent mounting of slides. **Refer to Standard Operating Procedure: SuRF-HIS-007**

| Assessment History: | | |
|----------------------------|--------------|---------------------------|
| Number: | Date: | Reason for Change: |
| 01 | 01/06/2013 | Original |
| 02 | 24/02/2014 | Change to title |
| 03 | 17/11/2014 | Change to hazard listing |
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1.0 Hazards, including any substances produced during the procedure

| Hazard(s) – state name of substance(s) and classify hazard (see guidance notes) | Present Risk Evaluation Low/Med/High | Control Measures (i.e., alternative work methods / mechanical aids / engineering controls, etc.) | Risk Evaluation after control Low/Med/High |
|---|---|---|---|
| Xylene flammable, irritant H226, H312, H315, H332 | Medium | 1. Use only with adequate ventilation i.e. fume hood or downflow benching. 2. Use of appropriate Personal Protective Equipment (PPE). 3. Training and supervision. 4. Refer to Material Safety Data Sheet. | Low |
| Ethanol Highly flammable H225 | Medium | 1. Use only with adequate ventilation i.e. fume hood or downflow benching. 2. Use of appropriate PPE. 3. Training and supervision. 4. Refer to Material Safety Data Sheet. | Low |
| Pertex flammable, harmful H226, H312, H315, H332 | Medium | 1. Use only with adequate ventilation i.e. fume hood or downflow benching. 2. Use of appropriate PPE. 3. Training and supervision. 4. Refer to Material Safety Data Sheet. | Low |

Risk evaluation should be based on hazard classification and hazard statements – if control methods stated above reduce the risk to low at this point, the risk assessment is complete. If any medium to high hazards remain, please continue to complete the rest of the form.

2.0 Exposure route(s) by which harm may occur

| Skin Contact | Skin Absorption | Eye Contact | Inhalation | Ingestion | Injection via sharps |
|--------------|-----------------|-------------|------------|-----------|----------------------|
| | | | | | |

3.0 Engineering Control Measures (Fume cupboards/LEV etc.)

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|---|
| State any engineering controls required for this task/method; |
|---|



4.0 Personal Protective Equipment (PPE)

State any PPE required for this task/method. Include which type and when they are to be worn;

Eye protection:

Hand protection:

Special clothing:

Face protection:

Respiratory protection:

5.0 Health Monitoring

| | | |
|---|-----|----|
| Is biological monitoring required to ensure that the control of exposure to the hazardous substance(s) is adequate? | Yes | No |
| Is health surveillance required for the protection of the health of employees? | | |

If yes for health monitoring, contact the Occupational Health Unit for an appointment (occupational.health@ed.ac.uk, 50 8190)

6.0 Training

State any health and safety training required for this task/method;

7.0 Supervision

State what supervision (if any) is required for persons undertaking this task/method:

8.0 Implications for persons not involved in the work activity

Persons identified may require to be informed, in part or in full, of the information contained in the Safe System of Work.

9.0 Emergency procedures



State all emergency procedures including contact names and numbers;

Firs Aid:

Fire fighting:

Spill Management:

Any others:

10.0 Waste disposal

State waste disposal routes for all hazardous substances in this task/method;

If in doubt contact the University Waste and Environmental Manager Ext. 514287.

| | | |
|--|------------|-----------|
| Are you satisfied that the control measures outlined above are adequate to control the risks to health from the hazardous substances used in the work activity described to the lowest level reasonably practicable? | Yes | No |
| | | |

If no, work can not continue until safe to do so

11.0 Accreditation and verification of COSHH risk assessment

When this assessment is complete it should be signed and dated by the assessor and then checked and signed by the person responsible for operations in that section of the School/Unit where the work is being carried out. You must ensure that the person undertaking the task is competent to do so and has received sufficient information, instruction and training and has seen and signed the Safe System of Work.

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|--------------|------------------|-------------|--------------|
| Assessed by: | Melanie McMillan | Checked by: | Robin Sellar |
| Signature: | | Signature: | |
| Date: | | Date: | |

