

OHS RISK ASSESSMENT AND CONTROL FORMRisk Assessment Completed by:
Kate Dixon - HSOFaculty: **Science**School: **Molecular & Biomedical Science**

RMSS Number:

Initial Issue Date:

Current Version:

Current Version Date:

Next Review Date:

21st April 2010

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21st April 2010

21st April 2014

Risk Assessment Title: STERILISATION OF INSTRUMENTS USING ETHANOL AND FLAME**Step 1: Identify the activity**

Describe the activity:

A spreader is dipped in ethanol and flamed using a bunsen burner.

Describe the location:

Various locations within the School

Step 2: Identify who may be at risk by the activity

Staff, students conducting the activity, bystanders affected by flame/fire

Step 3: Identify the hazards, risks, and rate the risks

- Using the following table, identify the risks and hazards associated with the particular plant, chemical or process.
- List existing controls and determine a risk rating using MBS Risk Rating Procedure.
- Additional risk controls may be required to achieve an acceptable level of risk. Re-rate the risk if additional controls are required.

C: Consequence

L: Likelihood

R: Rating L - VH

Hazards	Associated Risks	Risk Rating with current controls:			Controls	Risk Rating with Additional Controls:		
		C	L	R		C	L	R
Fire	Fire from ignited ethanol	M (Moderate)	U (Unlikely)	Me (Medium)	Prior to first time use, (informal) training of personnel by an experienced user is required. Read MSDS before use. SOP Restrict container size used.			
Heat	Burns from bunsen burners/hot instruments.	M (Moderate)	U (Unlikely)	Me (Medium)	Prior to first time use, (informal) training of personnel by an experienced user is required. Read MSDS before use. SOP Wear appropriate PPE - lab coat, gloves, safety glasses.			
Chemical	Accidental Gas leakage	M (Moderate)	R (Rare)	L (Low)	Prior to first time use, (informal) training of personnel by an experienced user is required. Read MSDS before use. SOP			
Chemical	Exposure to chemicals/illness/injury due to contact with chemical or chemical spill	M (Moderate)	R (Rare)	L (Low)	Prior to first time use, (informal) training of personnel by an experienced user is required. Read MSDS before use. SOP Wear appropriate PPE - lab coat, gloves, safety glasses. Ensure waste disposal procedures are followed.			

Step 4: Documentation and initial approval:

Completed by: Kate Dixon	Signed: Kate Dixon	Subject Matter Expert:	Date: 21st April 2010
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Step 5: Implement the controls/any additional controls identified

Indicate briefly any additional controls that have been implemented, when and by whom.		
Risk Control:	Date:	Implemented by:
Risk Control:	Date:	Implemented by:
Risk Control:	Date:	Implemented by:

Step 6: Monitor and review the risk controls

It is important to monitor risk controls and review risk assessments regularly. Review is required when there is a change in the process, relevant legal changes, and where a cause for concern has arisen. If the risk assessment has substantially changed, a new risk assessment is warranted.		
Review Date:	Reviewed by:	Authorised by:
Review Date:	Reviewed by:	Authorised by:
Review Date:	Reviewed by:	Authorised by:
Review Date:	Reviewed by:	Authorised by:
Review Date:	Reviewed by:	Authorised by:

Step 7: Add to Hazard Register

If the identified risk is medium or above after controls have been implemented, the Activity should be signed of by the Head of School and then transferred to the Hazard Register.	
Date entered onto Hazard Register:	Head of School Signature: