

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

RMSS Number:

Initial Issue Date:

8/06/2009

Current Version:

1

Current Version Date:

8/06/2009

Next Review Date:

8/06/2014

Risk Assessment Title: Acetonitrile**Step 1: Identify the activity**

Describe the activity:

Using the chemical acetonitrile in research work/study

Describe the location:

Various locations within the MLS building.

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

Staff and students using the substance.

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
Chemical	Illness as a result inhalation, ingestion.	M (Major)	U (Unlikely)	M (Medium)	All workers using acetonitrile must have Chemical Management Training. SOPs must be followed at all times. Appropriate PPE must be worn when handling substance including face mask to prevent inhalation. Where possible, First Aid supplies for Cyanide poisoning must be available. Spill kits readily available. Eye wash/emergency showers must be readily available. Read MSDS before handling. Store appropriately (flammables cabinet)			
Fire	Substance is highly flammable.	M (Major)	R (Rare)	M (Medium)	All workers using acetonitrile must have Chemical Management Training. Only use in a well ventilated area. Do not store or handle near oxidising agents (keep in flammables cabinet). SOPs must be followed at all times. Read MSDS before handling. Keep away from any ignition sources.			

Step 4: Documentation and initial approval:

Completed by: Kate Dixon	Signed: Kate Dixon	Subject Matter Expert:	Date: 8/06/2009
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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:
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