

OHS RISK ASSESSMENT AND CONTROL FORMRisk Assessment Completed by:
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RMSS Number:

Initial Issue Date:

19th July 2010

Current Version:

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Current Version Date:

19th July 2010

Next Review Date:

19th July 2013

Risk Assessment Title: HYDROCHLORIC ACID**Step 1: Identify the activity**

Describe the activity:

using Hydrochloric acid in laboratory research.

Describe the location:

Various locations within the School, storage area MLS G26

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

Staff, students

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	Toxic/harmful if swallowed, inhaled. Causes severe burns in contact with skin/eyes. May have cumulative effects with extended periods of exposure. Possible carcinogen.	M (Major)	U (unlikely)	Me (Medium)	SOP for procedures involving the use of hydrochloric acid. Informal training by an experienced person on safe operating procedures. Appropriate PPE to be worn. Must be used in a ventilated area. MSDS must be readily available and read prior to use. Spill kits available. Eye wash stations/safety showers available. Ensure appropriately stored and segregated as per MSDS. Do not store with flammables, corrosives, oxidising agents, radioactive materials.			
Chemical	Spills & environmental Damage	m (Moderate)	R (Rare)	L (Low)	Ensure appropriately stored and segregated as per MSDS. Do not store with flammables, corrosives, oxidising agents, radioactive materials. DO NOT wash down sinks. Use appropriate chemical waste disposal procedures. Refer to MSDS for disposal.			

Step 4: Documentation and initial approval:

Completed by:	Signed:	Subject Matter Expert:	Date:
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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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