


Biological Resources 	Standard Operating Procedure <b>Chemical and Biological Spill Response</b>		Page 1 of 2
	Contact: UQBR Director	Location: UQBR Animal Facilities	Revision: 2

**Note:**

This SOP details the expectations for Staff and Researchers within UQ Biological Resources Facilities.

All Staff and Researchers must be familiar with the SDS for the Chemical they are working with.

The PPE requirements should be appropriate to the SDS.

**DEFINITIONS:**

**PPE:** Personal Protective Equipment.

**SDS:** Safety Data Sheet

**QAP:** Quarantine Approved Premises

**PROCEDURE:**

**Chemical Spills**

In the event of a minor chemical spill (less than 2 litres) the following action will be required;

**Researchers: Alert a technician to the spill as soon as possible**

Note: In the event of a volatile anesthetic spill (isoflurane or methoxyflurane), or the presence of an unknown spill the area must be isolated to prevent exposure to other staff, followed by notifying the floor manager.

1. Remove contaminated clothing and wash any areas that have come into contact with the spill.  
Replace with fresh clean items.
2. Alert a Technician/Manager to the spill and place warning signs so that other users will not accidentally track through the spill.
3. Remove ignition sources and unplug nearby electrical equipment.
4. Locate spill kit (QAP's will have spill kits in the rooms)
5. SDS sheets specifying correct PPE can be found in the facility – refer to induction for location
6. Confine and contain the spill

Note: For volatile liquids add water at a rate of 2:1 or as directed in SDS sheet

7. Acid and Base spills should be neutralized prior to cleanup. Cover the spill with an appropriate absorbent material.
8. Sweep solid material into a container/bag.
9. Wet mop spill area.


Note: Be sure to decontaminate equipment used.

10. Dispose of absorbed spill in accordance with UQ policy for the chemical concerned.

[www.uq.edu.au/sustainability/docs/policiesprocedures/pro\\_ChmWste.pdf](http://www.uq.edu.au/sustainability/docs/policiesprocedures/pro_ChmWste.pdf)

11. Replace any used items in the spill kit.

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**Note:**

This SOP details the expectations for Staff and Researchers within UQ Biological Resources Facilities.

All Staff and Researchers must be familiar with any infectious agents/materials they are working with.

The PPE requirements should be appropriate to the SDS for the biological agent/materials.

**DEFINITIONS:**

**PPE:** Personal Protective Equipment.

**SDS:** Safety Data Sheet

**QAP:** Quarantine Approved Premises

**PROCEDURE:**

**Biological Spill**

In the event of a minor biological spill i.e. cell cultures, bacteria cultures, the following action will be required;

**Researchers: Alert a Technician/Manager to the spill as soon as possible**

1. Remove contaminated clothing and wash any areas that have come into contact with the spill using antimicrobial soap. Replace with fresh clean clothing.
2. Alert a Technician/Manager to the spill and place warning signs so that other users will not accidentally track through the spill.
3. Locate spill kit (QAP's will have spill kits in the rooms)
4. Confine and Contain the spill
5. All cultures are to be inactivated with an equal volume of bleach
6. Cover the spill with an appropriate absorbent material
7. Sweep solid material into a clinical waste bag for disposal in a clinical waste bin
8. Wet mop spill area.

Note: Be sure to decontaminate equipment used.

9. All contaminated clothing (e.g. lab coat) should be place in a sealed autoclave bag, labeled accordingly and then is to be autoclaved
10. Replace any used items in the spill kit.

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