

BIOLOGICAL SPILL RESPONSE

BEFORE A SPILL OCCURS IDENTIFY LAB HAZARDS

SPILL RESPONSE STEPS

STOP AND ASSESS!	Remain calm and assess the situation Call 911 for emergencies.
ASSESSMENT	Notify people nearby, locate spill kit & notify lab manager.
What spilled?	What is the biological agent, what disinfectant is needed to kill/denature? Any chemicals?
How much spilled? Risk of droplets or aerosols?	How much spilled and is there a risk of droplets or aerosols? – If >500mL, then evacuate room, doff contaminated clothing, close door, post sign, and keep door closed for 30 minutes for aerosols to settle.
Did it splash on you or other surfaces?	Wear gloves to remove contaminated clothing, doff gloves, wash hands (use emergency shower as needed).
Do not remove anything!	Do not cross-contaminate other surfaces/areas.
SECURE SAMPLES	Return containers to upright position, cover plates, when possible.
Disinfect gloves, doff, wash hands, don clean gloves	Doff using inside/out method, discard in biohazard bag, wash hands, wrists, forearms for 20 seconds.
LOCATE SPILL KIT	Make sure spill kit has all necessary items.
Don PPE for clean up	Eye protection, gloves, gown, shoe covers, and mask if necessary.
Sharps Removal	DO NOT USE HANDS! Use dustpan, broom, or tongs.
Cover, Disinfect & Clean Up	Use paper towels starting around perimeter to center, then pour 10% bleach starting around perimeter to center – wait 20 minutes before removing and discarding into biohazard bag/bin.
Doff PPE & Wash Hands	Apply disinfectant to outsides of gloves, gown & shoe covers then remove and discard in biohazard bag/bin.
Post Biohazard Sign & Report	Post sign to keep people away from spill and report to supervisor.

Suspected or Overt Exposures to biohazardous/infectious materials: Seek medical attention, report exposure to supervisor, and complete the online ROI on LOUIE within 48 hours