

BIOLOGICAL SPILL KIT ESSENTIALS & CLEANUP PROCEDURE

All personnel working in research laboratories should know the location of the biological spill cleanup kit, the basic steps to clean up small spills, who to call in case of an emergency and the reporting procedures.

Before you start your work with biological agents:

- Identify the location of the nearest biological spill kit
- Check the contents of the Biological Spill Kit
 - Written spill procedure including emergency phone numbers
 - Bottle with nozzle to prepare the decontamination solution (e.g. 10% bleach solution)
 - Small bottle of decontamination solution (e.g. undiluted bleach)
 - Paper towels or other absorbent material
 - Multiple pairs of nitrile gloves
 - Gown/lab coat
 - Shoe covers (optional)
 - Eye protection
 - Forceps or brush & dustpan to pick up sharps, including broken glass, should be resistant to decontamination solution after use
 - Biohazard bags



Emergency Numbers:

EHSO Spill Response Team: 7-2888

Emory Police: 404-727-6111



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If a spill occurs outside the biosafety cabinet:

- Notify others that a spill has occurred, control traffic to the area.
- Remove any contaminated clothing or PPE by folding the contamination inward and dispose of as biohazard waste.
- Wash potentially contaminated body parts with soap. Shower if necessary.
- Allow aerosols to settle before returning to the spill area.
- Don PPE (gown/lab coat, two pairs of nitrile gloves, eye protection, optional shoe covers).
- Prepare disinfectant (e.g. freshly prepared 10% bleach solution).
- Cover spill area with paper towels.
- Pour disinfectant over towels from edges of spill to center, be careful not to splash or create aerosols.
- Allow 30 minutes of contact time.
- Collect contaminated paper towels. Discard in biohazard bag.
- Pick up any sharps, including broken glass, with forceps or brush & dustpan and place in sharps container.
- Decontaminate tools used (e.g. forceps, brush & dustpan).
- Exchange outside pair of nitrile gloves as often as needed while cleaning the spill.
- Wipe area with disinfectant, wipe down outside of bags, containers, and equipment involved in the spill with disinfectant and dispose of wipes as biohazard waste.
- Close biohazard bags by turning as a loose goose neck.
- Doff PPE and dispose of as biohazard waste in a separate container.
- Wash hands with soap and water.
- Complete incident report in [PeopleSoft: https://hrprod.emory.edu](https://hrprod.emory.edu); HR Self-Service > Workplace Health > (in H.O.M.E.) report initial work injury/exposure.



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