Spill and Exposure Incident and Response Guidelines

**PI Laboratory**

**February 2023**

In the event of a spill, a biological spill kit is available in the laboratory.

**The kit contains:**

* An empty spray bottle to prepare a fresh bleach solution at a 10 percent final concentration.
* An autoclavable bag.
* Forceps.
* Hand broom and dust pan to pick up any sharps or broken glass.
* Paper towels.
* Personal Protective Equipment, or PPE, consisting of:
  + Disposable gown.
  + Gloves.
  + Goggles.
  + Shoe covers.

Guidance

Please refer to the ASU Biological Spill Response Quick Guide: [asu.edu/ehs/documents/Biological-Spill-Kit-Guide.pdf](https://www.asu.edu/ehs/documents/Biological-Spill-Kit-Guide.pdf).

Notification

The following individuals **must** be notified**:**

1. PI or responsible party
   * Alternate lab contact name
2. ASU Environmental Health and Safety – 480-965-1823.

Spill clean up

1. If the spill can be managed by laboratory personnel, proper personal protective equipment, including a lab coat protected with a disposable gown, goggles, and gloves will be worn to clean up the spill. The contaminated area including equipment will be cleaned with the fresh 10% bleach solution allowing for a contact time of at least 20 minutes then followed with 70 percent ethanol to remove any remaining residue as needed.
2. Decontaminated waste material **must** be placed into a biological waste container lined with a biohazard bag.
3. All personnel involved in the cleanup will wash their hands and any exposed body parts with soap and water. Contaminated personal clothing should be removed avoiding mucus membranes and placed into biohazard bags. Reusable laboratory coats should be placed into a separate autoclave bag, autoclaved and then laundered via the ASU Laboratory Coat Laundering Service.
4. If the spill cannot be managed by laboratory personnel, secure the area preventing entry into the area and notify ASU EHS Biosafety and Biosecurity at 480-965-1823 for assistance. For response outside of business hours, contact the ASU Police at 480-965-3456.

**Always call 911 for life-threatening emergencies.**

In the event of an exposure to an infectious agent or material:

1. ASU Employee Health is available during business hours in person, and by phone at 602-496-1917. **Contact 911 for life threatening situations.**

2. For all incidents after hours involving ASU employees, contact CorVel for assistance at 800-685-2877.

3. Report all incidents or potential incidents immediately to the PI and lab manager and to ASU EHS Biosafety and Biosecurity at 480-965-1823 or [biosafety@asu.edu](mailto:biosafety@asu.edu).

4. For more information, see the ASU Biological Safety Manual at: [asu.edu/ehs/documents/biosafetymanual.pdf](https://www.asu.edu/ehs/documents/biosafetymanual.pdf).