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**EvCC Emergency Operations Guide**  
**Guide #007 – Dangerous Substance Spills**

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**1. GUIDELINES FOR DANGEROUS SUBSTANCE SPILLS**

**A. CHEMICAL SPILLS:**

- ❖ Evacuate the area as needed.
- ❖ Call Campus Security at 9911
- ❖ Review the Material Safety Data Sheets (MSDS) for health hazards and required personal protective equipment, precautions, and cleanup procedures.
- ❖ Seal the area off. Only trained personnel should be permitted to enter the area.
- ❖ Wear appropriate personal protective equipment, (gloves, respirator, shoe covers)
- ❖ Clean up spill following precautions listed in MSDS for that chemical.
- ❖ Use appropriate absorbent, and neutralizing material or a spill kit to clean up.
- ❖ Dispose of all contaminated material as hazardous waste.

**B. CHEMICAL SPLASH ON BODY/EYES:**

- ❖ Remove contaminated clothing. Flush skin or eyes with water for at least 15 minutes.
- ❖ For chemical splashes to the eyes. Hold eyelids open for flushing of the eyes for at least 15 minutes.
- ❖ Make sure chemicals have not accumulated in the soles of shoes. This could be a potential long term exposure point.
- ❖ Seek medical attention for all chemical splashes to the eyes by calling 9-1-1.

**D. BLOOD SPILLS:**

- ❖ Alert people in the immediate area of spill.
- ❖ Put on appropriate personal protective equipment.
- ❖ Cover the spill with absorbent material.
- ❖ Pour an appropriate disinfectant or a freshly prepared 1 to 10 dilution of household bleach around the edges of the spill and then into the spill - avoid splashing,
- ❖ Use the recommended contact time of the disinfectant or for bleach a 20 minute contact time.
- ❖ Dispose of all material in a biohazard bag.
- ❖ If material involves broken glassware, use mechanical means to clean up such as a brush and dustpan.

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**2. PERSONNEL DECONTAMINATION**

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Use the following procedure for personnel decontamination:

- ❖ Flush contaminated skin area(s) thoroughly with water, and wash repeatedly with mild soap and warm water.
- ❖ If skin is lacerated by glassware or contaminated equipment immediately wash the wounded area(s) under a stream of lukewarm water.
- ❖ Remove and bag contaminated clothing.
- ❖ Seek immediate medical attention when necessary.