

## Fact Sheet **Chemical Spill Response**

### What is a Chemical spill?

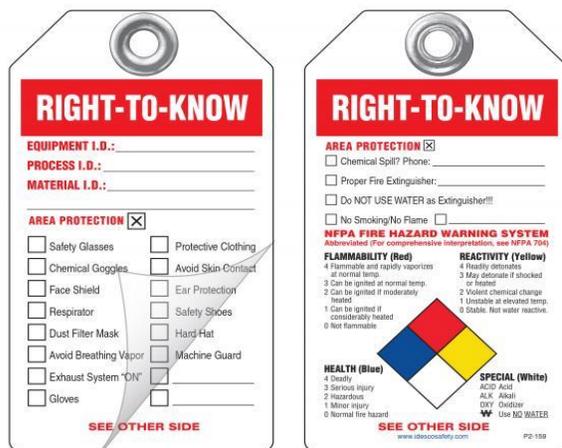
Chemical spills are cleaned immediately by trained personnel. Requirements for cleaning chemical spills is that personnel should know what chemical it is and its harm. Personnel should be trained for cleaning protocols and have all required cleaning material in non-lab areas. Personnel should have proper Personal Protective Equipment (PPE) to clean. CSUDH's chemical spill procedure includes provisions for a small chemical spill and large chemical spill.

### How to clean up and identify chemical spills?

- **Emergency Chemical Spill:** A chemical (s) that is/are accidentally released down the sink, floor drain, or storm drain.
- Chemicals unknown to the non-lab are staff/personnel, and non-lab area staff cannot control hazards because it's too dangerous or has an over spill.
- **Small Chemical Spill:** It should take less than 15 minutes to clean.
- Size of area and quantity of spill, toxicity, and hazard properties of the spilled chemical.
- **Large Chemical Spill:** Call University Police
- Notify all staff in the area.
- Aid injured/contaminated staff and put them in the eyewash/shower for 15 minutes if need be.
- In case of a fire turn off ignition sources (fire, electricity, etc.)
- Call University Police (310) 243-3333 and EHS at (310) 243-2895
- Complete a CSUDH incident report and Investigation form then follow procedures.

### Chemical Spill during Transportation, outside the non-lab area

- Chemical transportation is performed in accordance with the CSUDH Hazardous Material and Hazardous waste Transportation Procedures.
- For small spills that occur within non-lab area buildings where there is access to spill kits, SDSs, and PPE may be cleaned
- For a chemical spill during transportation outside of non-lab area spaces: secure area, notify people in the vicinity about the spill, and prevent bystanders from getting near.
- Contact University Policy (310) 243-3333 from a mobile phone and follow the large spill procedures.



Types of Chemical Spill injuries		
Condition	Symptoms	Treatment
<b>Eye damage/irritation</b>	Itchy, teary, redness, pain, blurry vision, and light sensitivity.	<b>Call 911 or university police at (310) 243-3333</b> Keep eyes in eyewash/ shower for 15 minutes or seek emergency help at a hospital.
<b>Powder spill inhalation</b>	Painful abdomen and lungs	<b>Call 911 or university police at (310) 243-3333</b> Drink fluids, and seek medical help.
<b>Flammable solvent burn</b>	Burns in the nasal cavity, severe throat pain, Severe pain, burning in the eyes, ears, nose, and mouth.	<b>Call 911 or university police at (310) 243-3333</b> Alternatively, seek medical help for serious eye and respiratory tract problems.
<b>Acid burn</b>	Redness, irritation, burning at the site of contact, pain and numbness. Blisters or black dead skin at the contact site. Vision changes if the chemical gets into the eyes.	<b>Call 911 or university police at (310) 243-3333</b> <b>Stay with the person and help them with the eyewash and/or shower.</b> <b>Remove layers of clothing and apply wet cool towels or wet their clothes down</b>