

Chemical Spill Cart Procedures

QB3 ~ Stanley Hall



Spill Cleanup Procedure

- Isolate spill area and alert others to stay away
 - Notify QB3 Facilities 326-0496
 - Identify chemical, then review MSDS for recommended personal protective equipment (PPE) and cleanup procedures (www.ucmsds.com)
 - For materials that pose a serious potential health hazard (NFPA Health rating of 3 or 4), spills that require respiratory protection, or larger spills: during business hours call EH&S (642-3073), and during off-hours, weekends, or holidays call Campus Police dispatch (642-6760)
 - Don the appropriate PPE (gloves, goggles, etc.) and contain the spill with an absorbent that is chemically compatible (see below)
 - Clean the spill and dispose of hazardous materials appropriately, via EH&S
- Note spill cart supplies used, and report them to Thom Opal (opal@berkeley.edu), for cart re-stock. It is also important to document and report spill incident activities.

Spill Cleanup Materials

- *Teal Universal Spill Pad* – For all liquid chemical hazards, including hydrofluoric acid and other corrosives
- *White Spill Defense Pillows* – For non-oxidizing liquids
- *Dri-Zorb* – For non-corrosive and non-oxidizing liquids. Best for aqueous salt solutions, buffers, and non-toxic organic liquids (such as oils)
- *Vapor Barrier Sorbent* – Place over flammable or toxic liquids to reduce volatility
- *Mop/Bucket* - For cleaning up non-hazardous liquids only
- *Shop Vac* – (Floors 1 and 5 ER rooms) For removal of non-hazardous materials only

Chemical Exposure/Injury

- Remove victim from source of exposure. If it is not safe to do so, or if the injury is serious, call 911 (or 642-3333 from a cell phone).
- If exposure is to skin or eyes, immediately flush affected area with water, using an emergency shower or eyewash. Continue flushing for 15 minutes.
- Remove contaminated clothing from the victim. Follow other emergency procedures outlined in MSDS.
- If the injury is not serious, victim should be accompanied and taken to the Tang Center Urgent Care Clinic (642-3188) near the south-west corner of Campus (2222 Bancroft, between Ellsworth & Fulton). Bring MSDS, if possible. If the Tang Center is closed, and medical attention is needed, go to Alta Bates Hospital emergency room at 2450 Ashby Avenue (near Telegraph/Ashby), Berkeley.
- Notify EH&S (642-3073) immediately of any injury or hospitalization, in order to fulfill Cal/OSHA requirements. Also notify QB3 Department Safety Coordinator Thom Opal 666-3307, or QB3 Facilities 24-hr. 326-0496