



Material Safety Data Sheets (MSDS) Policy

- Material Safety Data Sheets (MSDS's) for all hazardous chemicals (solids, liquids, gases) shall be readily accessible to laboratory employees/students/volunteers. An inventory of all chemicals in the laboratory should be included with the MSDSs and updated at least annually.
- Though OSHA regulation does not specify access to *hard copies* of MSDSs, JABSOM EHSO encourages labs to maintain current hard copies of MSDSs for highly toxic or reactive chemicals, or MSDSs for chemicals that are not readily accessed online.
- Online or electronic access to MSDSs is acceptable so long as all lab staff understand how to gain access and understand the limitations of online or electronic access, i.e. if the internet is down or the electricity is out, you may not have access to the MSDSs.
- Accidents involving chemicals may require providing a MSDS to emergency responders and an attending physician. In these situations, all lab staff should be able to immediately produce the appropriate MSDS for any hazardous chemical in the lab.
- **Excerpt from the OSHA standard 29 CFR 1910.1450:**
Hazard identification.
1910.1450(h)(1)
With respect to labels and material safety data sheets:
1910.1450(h)(1)(i)
Employers shall ensure that labels on incoming containers of hazardous chemicals are not removed or defaced.
1910.1450(h)(1)(ii)
Employers shall maintain any material safety data sheets that are received with incoming shipments of hazardous chemicals, and ensure that they are readily accessible to laboratory employees.

The OSHA standard 29 CFR 1910.1450 - Occupational Exposure to Hazardous Chemicals in Laboratories applies to all employers engaged in the laboratory use of hazardous chemicals. Laboratory means a facility where the "laboratory use of hazardous chemicals" occurs. It is a workplace where relatively small quantities of hazardous chemicals are used on a non-production basis.

JABSOM EHSO / EMERGENCY RESPONDERS

- Hard copies of MSDSs for many of the chemicals found in the Kaka'ako labs are located at the BSB Security desk and made available to emergency responders. These MSDSs are maintained by JABSOM EHSO in coordination with the lab staff. Please forward copies of MSDS for chemicals newly added to your inventories.
- JABSOM EHSO maintains MSDSs for hazardous waste stored in the BSB central waste storage room.

Refer to the reference MSDS – Use and Understanding available on the JABSOM EHSO website:
<http://www.hawaii.edu/ehso/jabsom/ppg.htm#Plans>.