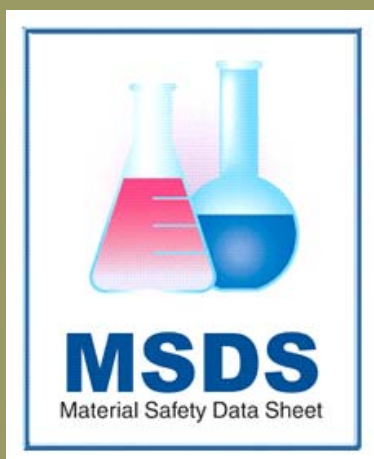


Material Safety Data Sheets (MSDS)



*EH&S Fact Sheet
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<http://capsnet.usc.edu/ehs/>

EH&S has recently contracted with an MSDS Online Provider to assist us in compiling information specific to chemicals currently on the USC inventory. USC researchers, faculty, students, and staff are now able to access MSDSs for the materials they use via the link on the EH&S webpage. See <http://caps.usc.edu/EHS/Index.cfm>.

A Material Data Safety Sheet (MSDS) is a document that provides the end user critical information about a specific substance in terms of (a) potential hazards (health, fire, reactivity, and environmental), (b) toxicological properties, (c) safe use and handling, and (d) compatible storage. The OSHA Hazard Communication Standard (HCS) requires that chemical manufacturers provide MSDSs for each of their products according to the criteria described below:

1. Chemical name (IUPAC)
2. Physical Data (melting point, boiling point, flash point, appearance and odor, etc.)
3. Fire and Explosion Data (flashpoint, autoignition temperature, recommended extinguishing media, etc.)
4. Health Effects and First aid (specific organs or systems in the body affected by overexposure)
5. Reactivity Data (incompatibilities with other chemicals and conditions that may cause instability)
6. Personal Protective Equipment (PPE) and Emergency Procedures for Accidental Spill or Release

The MSDS can be obtained, downloaded, and printed from the [USC MSDS Online Binder View](#). **To Obtain an MSDS:**

- Go to EH&S Website (<http://capsnet.usc.edu/EHS>) to click on [USC MSDS Online Binder View](#).
- Simply provide **Product name** and **Manufacturer** in order to acquire the MSDS of the specific chemical from the binder view.

If you do not find the MSDS you require from this binder view, you may perform one of the advanced search processes available to find MSDSs from the MSDSOnline Public Database.

In the event that you cannot access the web during an emergency, the USC community has the ability to access MSDSs via the Faxback system by calling: 1-888-362-7416.

Hard copy MSDSs are also recommended for the laboratory as a back-up resource in the event that electronic access is interrupted.

EH&S Fact Sheets are intended for facilitating team discussions in your department. Post the monthly topic on your departmental bulletin board.