

Material Safety Data Sheets (MSDSs)

The hazard communication regulation requires that Material Safety Data Sheets (MSDSs) be kept in your facility for all potentially hazardous substances. The MSDS format used by chemical manufacturers will vary from manufacturer to manufacturer, but they all must contain the same basic information.

Identification of the Product

- ◆ Name of the product
- ◆ Address and emergency phone number of the manufacturer

List of Ingredients

- ◆ List of the chemical ingredients associated with the potentially hazardous substance
- ◆ List of the concentrations associated with the potentially hazardous substance

Permissible Exposure Limits

- ◆ OSHA-permissible exposure limit, or PEL
- ◆ Recommended exposure limits from other agencies

Physical Properties

- ◆ Chemical physical properties
 - Color, smell, and how easily the potential hazardous substance will evaporate
 - Boiling point
 - Vapor density
 - Vapor pressure
 - Specific gravity

Fire Dangers

- ◆ Specific fire hazards presented by the potential hazardous substance
- ◆ Ways to extinguish a fire



Reactivity

- ◆ When mixed or stored improperly, will the potentially hazardous substance react (explode)?

Health Hazards

- ◆ The effects of the potentially hazardous substance on the body
- ◆ What type of first aid should be rendered

Control Measures

- ◆ Details ways to reduce or eliminate the hazard
- ◆ What precautions should be followed when handling or storing the potentially hazardous substance

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