



Chemical manufacturers are required to produce Safety Data Sheets (SDS) for all chemicals produced. "Safety Data Sheets", previously referred to as "Material Safety Data Sheets" (MSDS), communicate important information regarding the hazards of chemical products. As of June 1, 2015, OSHA's Hazard Communication Standard will require new SDS to be in a uniform format, and include the section numbers, headings, and associated information addressed below. Cornell University requires that all employees have an understanding of the use and location of SDS. All SDS must be readily accessible for the chemicals utilized in the work location.

UNIFORM SDS FORMATTING

- All Safety Data Sheets will follow a specified sequential 16-section format:
 - **Section 1. Identification:** includes product identifier; manufacturer or distributor name, address, phone number; emergency contact number; recommended use; restrictions on use.
 - **Section 2. Hazard(s) identification:** includes all hazards regarding chemical; required label elements.
 - **Section 3. Composition/information on ingredients:** includes information on chemical ingredients; trade secret claims.
 - **Section 4. First-Aid measures:** includes important symptoms/effects, acute, delayed; required treatment.
 - **Section 5. Fire-fighting measures:** lists suitable extinguishing techniques, equipment; chemical hazards from fire.
 - **Section 6. Accidental release measures:** lists emergency procedures; protective equipment; proper methods of containment and cleanup.
 - **Section 7. Handling and storage:** lists precautions for safe handling and storage, including incompatibilities.
 - **Section 8. Exposure controls/personal protection:** lists OSHA's Permissible Exposure Limits (PELs); Threshold Limit Values (TLVs); appropriate engineering controls; personal protective equipment (PPE).
 - **Section 9. Physical and chemical properties:** lists the chemical's characteristics.
 - **Section 10. Stability and reactivity:** lists chemical stability and possibility of hazardous reactions.
 - **Section 11. Toxicological information:** includes routes of exposure; related symptoms, acute and chronic effects; numerical measures of toxicity.
 - **Section 12. Ecological information**
 - **Section 13. Disposal considerations**
 - **Section 14. Transport information**
 - **Section 15. Regulatory information**
 - **Section 16. Other information:** includes the date of preparation or last revision.

REQUIREMENTS

- Must have a SDS readily accessible for all chemicals utilized in the work location.
- All workers must be made familiar with the use and location of Safety Data Sheets (SDS).
- All Safety Data Sheets (SDS) must be in English, but may also contain other languages.
- Must be provided by chemical manufacturer, distributor, or importer.
- Should be received with any chemical order, and can also be found using an [on-line search engine](#).

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Cornell University

Toolbox Safety Talk Safety Data Sheets (SDS)

Date: _____ Start Time: _____ End Time: _____

Location: _____

Presenter Name: _____

PRINT NAME	NET ID	DEPARTMENT	SIGNATURE

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