



HSE BULLETIN

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SAFETY DATA SHEET (SDS)

The Hazard Communication Standard (HCS) (29 CFR 1910.1200(g)), revised in 2012, requires that the chemical manufacturer, distributor, or importer provide Safety Data Sheets (SDSs) (formerly MSDSs or Material Safety Data Sheets) for each hazardous chemical to downstream users to communicate information on these hazards. The information contained in the SDS is largely the same as the MSDS, except now the SDSs are required to be presented in a consistent user-friendly, 16-section format. This brief provides guidance to help workers who handle hazardous chemicals to become familiar with the format and understand the contents of the SDSs. The SDS includes information such as the properties of each chemical; the physical, health, and environmental health hazards; protective measures; and safety precautions for handling, storing, and transporting the chemical. The information contained in the SDS must be in English (although it may be in other languages as well)

Effective Usage of SDS:

- Chemical Training material and toolbox talks to be developed from the SDS.
- SDS to be available at job site, chemical stores and with Frontline Emergency Responders.
- Provide employees with the required PPE as per SDS.



For chemicals at workplace



Transportation Guidelines

Toxicological Properties



Information available in SDS

Handling and Storage



First Aid



Physical & Chemical Properties

Examples of Chemical Properties

- flammability
- reactivity
- combustion
- oxidation
- reacts with _____
- endothermic
- exothermic
- forms a precipitate



Fire Hazards



FIRE DANGER

Required PPE



Safety begins with teamwork

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