

Safe Safety Data Sheets

The Hazard Communication Standard, 29 CFR 1910.1200 - This system provides information on the safe handling and use of hazardous chemicals which ultimately reduces exposure related injuries and illnesses. Employers need to label any container that does not already have a label.

Safety Data Sheets (SDS)

Safety Data Sheets (SDS) - The OSHA standard requires safety data sheets (SDS) the use the GHS specific 16 section format. Safety data sheets (SDS) replace the material safety data sheets (MSDS) by conforming to a standardized, universal format . An electronic system or paper copies can be used, granted there is always available access to those who may need them.

All SDS must include the follow 16 sections:

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



*Note: Since other Agencies regulate this information, OSHA does not enforce Sections 12 through 15.