

Basic Training Module Chemical Management

Example Module 2:

Tool - SDS Quick View

Information you are looking for	Where to find in the SDS	Overview of other information in this section
Accidental Release	Section 6	Information on material spill response, containment and required spill response PPE.
Additional Information	Section 16	Provides other information about the chemical such as hazard ratings, preparation and revisions of the SDS, and label information.
Appearance	Section 9	This section tells about the physical and chemical properties of the chemical. Characteristics include appearance, odour, physical state, pH, vapour pressure, vapour density, boiling point, and freezing/melting point, solubility in water and specific gravity or density.
Boiling point	Section 9	This section tells about the physical and chemical properties of the chemical. Characteristics include appearance, odour, physical state, pH, vapour pressure, vapour density, boiling point, and freezing/melting point, solubility in water and specific gravity or density.
Chemical Product & name	Section 1	Provides the chemical name on the label to the SDS. Also listed is the name, address and the phone number of the company, manufacturer or distributor who provides the chemical.
Chemical Properties	Section 9	This section tells about the physical and chemical properties of the chemical. Characteristics include appearance, odour, physical state, pH, vapour pressure, vapour density, boiling point, and freezing/melting point, solubility in water and specific gravity or density.
Chemical supplier/ manufacturer	Section 1	Provides the chemical name on the label to the SDS. Also listed is the name, address and the phone number of the company, manufacturer or distributor who provides the chemical.
Compatibility	Section 10	All potentially hazardous chemical reactions are identified in this section. Includes information on chemical stability, conditions to avoid, incompatibility, hazardous decomposition and hazardous polymerization
Composition	Section 2	Identifies all hazardous ingredients, permissible exposure limits (PEL) & Threshold Limit Values (TLVs).
Containment	Section 6	Information on material spill response, containment and required spill response PPE.
Disposal Considerations	Section 13	Information concerning proper chemical disposal, recycling and reclamation.
Ecological Information	Section 12	Information concerning the environmental impact if a chemical is released into the environment.
Exposure Controls	Section 8	Engineering controls & personal protective equipment to reduce chemical exposure.
Exposure limits	Section 2	Identifies all hazardous ingredients, permissible exposure limits (PEL) & Threshold Limit Values (TLVs).
Fire-Fighting	Section 5	Information on the explosive & fire properties, extinguishing agents and items and general fire-fighting information.
First Aid	Section 4	Provides first aid procedures for each route of entry.

Information you are looking for	Where to find in the SDS	Overview of other information in this section
Handling	Section 7	Information about chemical storage & handling and measures to prevent over-exposure
Hazard Identification	Section 3	Information about the health effects of exposure; description of the material appearance, potential symptoms & health effects, routes of entry & target organs.
Hazard statements	Section 15	Provides information about applicable federal regulations, risk (R) phrase, hazard statements (GHS), safety (S) phrase, precautionary statements (GHS)
Health effects	Section 3	Information about the health effects of exposure; description of the material appearance, potential symptoms & health effects, routes of entry & target organs.
Ingredients	Section 2	Identifies all hazardous ingredients, permissible exposure limits (PEL) & Threshold Limit Values (TLVs).
Odour	Section 9	This section tells about the physical and chemical properties of the chemical. Characteristics include appearance, odour, physical state, pH, vapour pressure, vapour density, boiling point, and freezing/melting point, solubility in water and specific gravity or density.
Personal Protection	Section 8	Engineering controls & personal protective equipment to reduce chemical exposure.
pH	Section 9	This section tells about the physical and chemical properties of the chemical. Characteristics include appearance, odour, physical state, pH, vapour pressure, vapour density, boiling point, and freezing/melting point, solubility in water and specific gravity or density.
Physical Properties	Section 9	This section tells about the physical and chemical properties of the chemical. Characteristics include appearance, odour, physical state, pH, vapour pressure, vapour density, boiling point, and freezing/melting point, solubility in water and specific gravity or density.
Physical state	Section 9	This section tells about the physical and chemical properties of the chemical. Characteristics include appearance, odour, physical state, pH, vapour pressure, vapour density, boiling point, and freezing/melting point, solubility in water and specific gravity or density.
Potential health symptoms	Section 3	Information about the health effects of exposure; description of the material appearance, potential symptoms & health effects, routes of entry & target organs.
Precautionary statements	Section 15	Provides information about applicable federal regulations, risk (R) phrase, hazard statements (GHS), safety (S) phrase, precautionary statements (GHS)
Reactivity	Section 10	All potentially hazardous chemical reactions are identified in this section. Includes information on chemical stability, conditions to avoid, incompatibility, hazardous decomposition and hazardous polymerization
Regulatory Information	Section 15	Provides information about applicable federal regulations, risk (R) phrase, hazard statements (GHS), safety (S) phrase, precautionary statements (GHS)
Risk phrases, R-phrases	Section 15/ Section 3	Provides information about applicable federal regulations, risk (R) phrase, hazard statements (GHS), safety (S) phrase, precautionary statements (GHS) / Hazards identification

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Safety phrases, S-phrases	Section 15	Provides information about applicable federal regulations, risk (R) phrase, hazard statements (GHS), safety (S) phrase, precautionary statements (GHS)
Information you are looking for	Where to find in the SDS	Overview of other information in this section
Spill response	Section 6	Information on material spill response, containment and required spill response PPE.
Stability & Reactivity	Section 10	All potentially hazardous chemical reactions are identified in this section. Includes information on chemical stability, conditions to avoid, incompatibility, hazardous decomposition and hazardous polymerization
Storage	Section 7	Information about chemical storage & handling and measures to prevent over-exposure
Toxicological Information	Section 11	Provides information such as acute data, carcinogen potential, reproductive effects, target organ effects, and other physiological aspects
Transport Information	Section 14	Shipping information includes the hazardous materials description, hazard class and the identification number (UN or NA numbers).
Vapour pressure	Section 9	This section tells about the physical and chemical properties of the chemical. Characteristics include appearance, odour, physical state, pH, vapour pressure, vapour density, boiling point, and freezing/melting point, solubility in water and specific gravity or density.

Credit: GIZ