

Table 1.5.2 Minimum information for an SDS

1.	<b>Identification of the substance or mixture and of the supplier</b>	<ul style="list-style-type: none"> <li>• GHS product identifier.</li> <li>• Other means of identification.</li> <li>• Recommended use of the chemical and restrictions on use.</li> <li>• Supplier's details (including name, address, phone number etc).</li> <li>• Emergency phone number.</li> </ul>
2.	<b>Hazards identification</b>	<ul style="list-style-type: none"> <li>• GHS classification of the substance/mixture and any national or regional information.</li> <li>• GHS label elements, including precautionary statements. (Hazard symbols may be provided as a graphical reproduction of the symbols in black and white or the name of the symbol e.g. flame, skull and crossbones.)</li> <li>• Other hazards which do not result in classification (e.g. dust explosion hazard) or are not covered by the GHS.</li> </ul>
3.	<b>Composition/information on ingredients</b>	<p><u>Substance</u></p> <ul style="list-style-type: none"> <li>• Chemical identity.</li> <li>• Common name, synonyms, etc.</li> <li>• CAS number and other unique identifiers.</li> <li>• Impurities and stabilizing additives which are themselves classified and which contribute to the classification of the substance.</li> </ul> <p><u>Mixture</u></p> <ul style="list-style-type: none"> <li>• The chemical identity and concentration or concentration ranges of all ingredients which are hazardous within the meaning of the GHS and are present above their cut-off levels.</li> </ul> <p><i>NOTE: For information on ingredients, the competent authority rules for CBI take priority over the rules for product identification.</i></p>
4.	<b>First aid measures</b>	<ul style="list-style-type: none"> <li>• Description of necessary measures, subdivided according to the different routes of exposure, i.e. inhalation, skin and eye contact and ingestion.</li> <li>• Most important symptoms/effects, acute and delayed.</li> <li>• Indication of immediate medical attention and special treatment needed, if necessary.</li> </ul>
5.	<b>Fire-fighting measures</b>	<ul style="list-style-type: none"> <li>• Suitable (and unsuitable) extinguishing media.</li> <li>• Specific hazards arising from the chemical (e.g. nature of any hazardous combustion products).</li> <li>• Special protective equipment and precautions for fire-fighters.</li> </ul>
6.	<b>Accidental release measures</b>	<ul style="list-style-type: none"> <li>• Personal precautions, protective equipment and emergency procedures.</li> <li>• Environmental precautions.</li> <li>• Methods and materials for containment and cleaning up.</li> </ul>
7.	<b>Handling and storage</b>	<ul style="list-style-type: none"> <li>• Precautions for safe handling.</li> <li>• Conditions for safe storage, including any incompatibilities.</li> </ul>

8.	<b>Exposure controls/personal protection.</b>	<ul style="list-style-type: none"> <li>• Control parameters e.g. occupational exposure limit values or biological limit values.</li> <li>• Appropriate engineering controls.</li> <li>• Individual protection measures, such as personal protective equipment.</li> </ul>
9.	<b>Physical and chemical properties</b>	<ul style="list-style-type: none"> <li>• Appearance (physical state, colour etc).</li> <li>• Odour.</li> <li>• Odour threshold.</li> <li>• PH.</li> <li>• Melting point/freezing point.</li> <li>• Initial boiling point and boiling range.</li> <li>• Flash point.</li> <li>• Evaporation rate.</li> <li>• Flammability (solid, gas).</li> <li>• Upper/lower flammability or explosive limits.</li> <li>• Vapour pressure.</li> <li>• Vapour density.</li> <li>• Relative density.</li> <li>• Solubility(ies).</li> <li>• Partition coefficient: n-octanol/water.</li> <li>• Auto-ignition temperature.</li> <li>• Decomposition temperature.</li> </ul>
10.	<b>Stability and reactivity</b>	<ul style="list-style-type: none"> <li>• Chemical stability.</li> <li>• Possibility of hazardous reactions.</li> <li>• Conditions to avoid (e.g. static discharge, shock or vibration).</li> <li>• Incompatible materials.</li> <li>• Hazardous decomposition products.</li> </ul>
11.	<b>Toxicological information</b>	<ul style="list-style-type: none"> <li>• Concise but complete and comprehensible description of the various toxicological (health) effects and the available data used to identify those effects, including: <ul style="list-style-type: none"> <li>• information on the likely routes of exposure (inhalation, ingestion, skin and eye contact);</li> <li>• Symptoms related to the physical, chemical and toxicological characteristics;</li> <li>• Delayed and immediate effects and also chronic effects from short- and long-term exposure;</li> <li>• Numerical measures of toxicity (such as acute toxicity estimates).</li> </ul> </li> </ul>
12.	<b>Ecological information</b>	<ul style="list-style-type: none"> <li>• Ecotoxicity (aquatic and terrestrial, where available).</li> <li>• Persistence and degradability.</li> <li>• Bioaccumulative potential.</li> <li>• Mobility in soil.</li> <li>• Other adverse effects.</li> </ul>
13.	<b>Disposal considerations</b>	<ul style="list-style-type: none"> <li>• Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.</li> </ul>

14.	<b>Transport information</b>	<ul style="list-style-type: none"> <li>• UN number.</li> <li>• UN Proper shipping name.</li> <li>• Transport hazard class(es).</li> <li>• Packing group, if applicable.</li> <li>• Marine pollutant (Yes/No).</li> <li>• Special precautions which a user needs to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises.</li> </ul>
15.	<b>Regulatory information</b>	<ul style="list-style-type: none"> <li>• Safety, health and environmental regulations specific for the product in question.</li> </ul>
16.	<b>Other information including information on preparation and revision of the SDS</b>	