



The SDS must also contain Sections 12 through 15, as far as consistent with the US Globally Harmonized System of Classification and Labeling of Chemicals (GHS), but OSHA will not enforce the content of these sections because they concern matters handled by

- Product identifier (used on the label and any other communication system or system) by default
- Name, address, phone number of the manufacturer, importer, or other responsible party, and emergency phone number
- Recommended use of the chemical (e.g., what the description of what is actually done, such as flame retardant) and any restrictions are used (including recommendations about use)

[illegible]

Notations	Chemicals where no trade secret is claimed
<ul style="list-style-type: none"> <li>- Same information required for substances.</li> <li>- The chemical name and concentration must be provided for all substances, both active (classified or not) and inactive and semi-active (classified or not).</li> <li>- Pressure above (left) and concentration below (right).</li> <li>- Pressure is health risk (below the cut off).</li> </ul>	<ul style="list-style-type: none"> <li>- A statement that the specific chemical identity and/or exact percentage (concentration) is confidential has been issued as a trade secret.</li> <li>- A Chemical is defined as the HCS, its substance, or mixture of substances.</li> </ul>



- Necessary first-aid instructions (by relevant routes of exposure: inhalation, skin and eye contact, and ingestion)
- Description of the most important symptoms or effects, and any symptoms that are acute or delayed
- Recommendations for immediate medical care and special treatment needed, where necessary

12. **Recommendations of suitable existing equipment, and information about existing equipment that is not appropriate for a particular situation.**

- Use of personal protective gear (such as removal of ignition sources or providing sufficient ventilation) and protective equipment to prevent the contamination of skin, eyes, and clothing.
- Emergency procedures, including instructions for evacuations, consulting papers often needed and appropriate protective clothing.
- Methods and materials used for containment (e.g., covering the drums and capping punctured).
- Methods and materials (e.g. appropriate techniques for removal of drums, decontamination, cleaning).

• Recommendations on the conditions for safe storage, including any incompatibilities. Provide advice on specific storage requirements (e.g. ventilation requirements).

- **Engineering controls** (ECs):
  - **Engineering controls** are designed to reduce or eliminate exposure to a hazard by changing the work environment or the process itself.
  - **Examples of ECs** include:
    - **Local exhaust ventilation (LEV)**: A system that captures and removes dust, fumes, or vapors at the source of the hazard.
    - **Enclosed systems**: A process that is contained within a closed system, preventing exposure to the hazard.
    - **Automation**: A process that is automated, reducing the need for human intervention.

[illegible]

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- Indication of the possibility of hazardous reactions, including a statement whether the chemical will react or polymerize, what it could release (toxic products or fumes), or create other hazardous conditions. (Risk, a description of the conditions under which hazardous reactions may occur)
- List of all conditions that should be avoided (e.g., static discharge, shock, vibrations, or environmental conditions that may lead to hazardous conditions)
- List of all classes of incompatible materials (e.g., classes of chemicals or specific substances) with which the chemical could react to produce a hazardous substance
- List of all conditions that should be avoided (e.g., temperature, pressure) which could lead to the conditions

Information on the Elements of progress (in relation, innovation, vision and impact):

- The *SDG-proof* indicates the information contained:
- Descriptions of the delayed knowledge, as "direct effects" from short and long-term responses.
- Descriptions of the delayed knowledge, as "indirect effects" from short and long-term actions
- The estimated amount (at a national level) required to fill gaps of land innovation in a single phase
- Descriptions of the systems. The description includes the systems processes associated with the innovation and the innovation itself
- Indication of whether the innovation is listed in the National Technology Programs (NTP) Report
- Co-ordinators (last editor) or (has been found to be a potential co-ordinator) to the innovation
- Agency for Research on Carbon (ARC), Management System software or found to be

- Study from toxicity to performance on aquatic and/or terrestrial organisms, whether available in g. results or chemical activity data for PAHs, algaes, invertebrates, and other plants.
- Whether there is a potential for the chemical to persist and degrade in the environment either through biodegradation or other processes, such as adsorption on hydrophobic surfaces.
- Results of *in vitro* and *in vivo* tests of potential for endocrine disruption in aquatic organisms (e.g., fish and invertebrates) when PAHs, PCBs, and other chemicals are present.
- The potential for a substance to enter the food web in the environment (Endocrine results from laboratory studies on bioaccumulation).
- Other data for the chemical, such as acute fish toxicity, human health potential, photochemical conversion potential, metabolic (degradation) potential, and/or global climate change potential.



- Description of appropriate disposal methods to use.
- Recommendations of appropriate disposal methods to avoid.
- Description of the physical and chemical properties that may affect disposal methods.
- Landfilling/discharge/disposal.
- Any special precautions for handling or containment activities.
- Any adverse effects (e.g., environmental, human, animal) degradation potential, physical/chemical



1. **LN number** (e.g. Year for the identification number of the substance) and one proper shipping name  
 2. **Transport hazard class(es)**  
 3. **Transport hazard label(s)** (e.g. highly inflamm., based on the degree of hazard)  
 4. **Environmental hazard label(s)** (e.g. severely, etc.) as shown on public list according to the international  
 Maritime Dangerous Goods Code (IMDG Code)  
 5. **Guidance on transport in bulk** (according to Annex 2 of MARPOL 73/78 and the International  
 Code for the Safe Transport of Dangerous Goods by Ship (IBC Code) and the International  
 Maritime Dangerous Goods Code (IMDG Code)  
 6. **Any special requirements** which are prerequisites either for safety or for results in conformity with  
 the relevant regulatory requirements (e.g. temperature control within an indicator that prevents indicate values  
 exceeding a set point)

THIS SECTION SHOWS THE SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE PRODUCT THAT IS NOT INDICATED ABOVE ON THE SDS.

- Any national and/or regional regulatory information of the chemical or mixture (including any OSHA, Department of Transportation, Environmental Protection Agency, or Consumer Product Safety Commission regulations).

While the British government's position has been made increasingly clear during the last several months, the U.S. has been almost totally inactive. The Committee hopes that the U.S. will be able to take a more active role in the future.

Employers must comply with the FOIA as usually applicable to companies in the Government's possession of their materials. This may be done in many ways. For example, employers may bring the FOIA to a notice or an exemption as long as the compliance team immediately accounts for the information without passing that work to other needed staff to evaluate the request before it is released. In the case of a process that is not a FOIA exemption, the company may want to consider the FOIA as a process for obtaining and managing the FOIA. If the employer does not submit an FOIA request or designated personnel should consider the FOIA as a process for obtaining and managing the FOIA.

# Osha Msds Requirements 2013

**Victoria L. Bor**



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With the standard extended to all places that make store use or process any amount of hazardous material some 4 5 million  
workplaces must comply This guide explains the requirements and offers step by step procedures for meeting them  
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Sheets Service** , 1989     *ChemicalWeek, January 6/13, 1993* , 1993     Practical Pharmaceuticals Yvonne  
Bouwman-Boer, V'Iain Fenton-May, Paul Le Brun, 2015-08-24 This book contains essential knowledge on the preparation  
control logistics dispensing and use of medicines It features chapters written by experienced pharmacists working in  
hospitals and academia throughout Europe complete with practical examples as well as information on current EU legislation  
From prescription to production from usage instructions to procurement and the impact of medicines on the environment the  
book provides step by step coverage that will help a wide range of readers It offers product knowledge for all pharmacists  
working directly with patients and it will enable them to make the appropriate medicine available to store medicines properly  
to adapt medicines if necessary and to dispense medicines with the appropriate information to inform patients and caregivers  
about product care and how to maintain their quality This basic knowledge will also be of help to industrial pharmacists to

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*OSHA Standards for the Construction Industry As of August 1, 2002* Toolkit Media Group,2002 Provides the texts of OSHA construction industry standards

**Hazardous Materials Response Handbook** Martin F. Henry,1989 *OSHA Made Easy* Robert D. Moran,Mark McGuire Moran,1995 OSHA Made Easy is devoted to OSHA s recordkeeping and reporting requirements for private sector employees which also includes written samples of completed compliance programs This detailed easy to follow compliance guide includes a helpful introduction to OSHA as well as precise guidance on inspections and enforcement citations notices and warnings and consulting services written programs and training and employee qualifications

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**Cumulative Index to Nursing Literature** Cinahl Information Systems Staff,1999 MSDS Reference for Crop Protection Products ,2006 Federal Chemical Regulation Cynthia A. Lewis,James M. Thunder,1997 Use this reference to fully advise your clients on the generation collection and dissemination of information relating to chemicals and chemical related hazards You get complete discussion of the three major statutes governing chemical products and raw materials with a focus on reporting requirements

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