**A guide to Globally Harmonized System (GHS) pictograms and the Safety Data Sheet (SDS).**

**GHS Pictograms**

A. Corrosive  
B. Compressed Gas  
C. Explosive  
D. Harmful/Irritant  
E. Flammable  
F. Oxidizing  
G. Toxic  
H. Health Hazard  
I. Danger for the Environment

**Understanding the Safety Data Sheet**

**Section 1** Identification  
**Identifier, manufacturer, emergency phone, use and restrictions**

**Section 2** Hazard(s) Identification  
**All hazards regarding the chemical and required label elements**

**Section 3** Compositions  
**Information on chemical ingredients and trade secret claims**

**Section 4** First Aid Measures  
**Acute or delayed symptoms or effects and required treatment**

**Section 5** Fire-Fighting Measures  
**Suitable extinguishing methods**

**Section 6** Accidental Release Measures  
**Emergency procedures, protective equipment, and cleanup methods**

**Section 7** Handling and Storage  
**Precautions for safe handling/storage and incompatibles**

**Section 8** Exposure Controls and PPE  
**PELs, TLVs, engineering controls, and PPE**

**Section 9** Physical and Chemical Properties  
**Characteristics of the chemical**

**Section 10** Stability and Reactivity  
**Stability and possibility of hazardous reactions**

**Section 11** Toxicological Information  
**Routes of exposure, symptoms, acute/chronic effects and toxicity info**

**Section 12** Ecological Information  
**Information in this section is optional**

**Section 13** Disposal Considerations  
**Information in this section is optional**

**Section 14** Transportation Information  
**Information in this section is optional**

**Section 15** Regulatory Information  
**Information in this section is optional**

**Section 16** Other Information  
**Date of preparation and/or last revision**

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**Employers’ Responsibilities**

- Protect employees from workplace hazards
- Provide a written safety program
- Provide hazard-related safety training
- Provide access to Safety Data Sheets
- Provide all required personal protective equipment (PPE)

**Employees’ Responsibilities**

- Report all workplace hazards to direct supervisors or management
- Follow all safety policies and procedures
- Attend all safety trainings
- Adhere to information in the SDS
- Wear all required PPE