

# Weekly Safety Meeting

Globally	/ Harmo	onized S	vstem	GHS
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Date:	Jobsite	:	

Discus	Discussion Leader:					
Attendance Sign- In:						

# Summary

The Globally Harmonized System (GHS) of Classification and Labeling of Chemicals has already been incorporated into federal OSHA's Hazard Communication Standard. Material Safety Data Sheets (MSDSs) are starting to be phased out and replaced by newly required Safety Data Sheets (SDSs). Although content details on labels and SDSs are affected by the GHS, many of the current requirements are not changing. For example, requirements to distribute SDSs, label workplace containers, and train employees will remain the same.

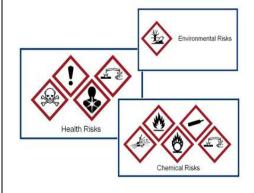
#### Guide for Discussion

Labels on hazardous chemicals will include:

- Pictograms which visually identify the main hazards
- Signal words: "warning" (less serious risk) or "danger" (more serious risk)
- Hazard statements (what is the hazard?)
- Precautionary statements (what you should you do to protect yourself from the hazard)

Safety Data Sheets will now consist of 16 sections in a specified sequence.

- SDS serve the same purpose as MSDS
- SDS will be in a uniform format and easier to read



Who	What	Ву
Employers	Train employees on the safety data sheet (SDS) format and new label elements.	1-Dec-13 (Washington 1-Jun-14)
Chemical manufacturers and importers	Comply with new SDS and label requirements. HCS will require pictograms on labels	1-Jun-15
Distributors	Not to ship unless container has GHS (Global Harmonization System) label.	1-Dec-15
Employers	Update labels on "workplace" containers and train employees on newly identified hazards. Update the Hazard Communication Program, as needed.	1-Jun-16

# The new SDS sections will be identified and ordered as follows:

#### **Section 1.** Identification

**Section 2.** Hazard(s) identification

**Section 3.** Composition/information on ingredients

**Section 4.** First-aid measures

**Section 5.** Fire-fighting measures

**Section 6.** Accidental release measures

**Section 7.** Handling and storage

**Section 8.** Exposure controls/personal protection

**Section 9.** Physical and chemical properties

**Section 10.** Stability and reactivity

**Section 11.** Toxicological information

**Section 12.** Ecological information

**Section 13.** Disposal considerations

**Section 14.** Transport information

**Section 15**. Regulatory information

**Section 16.** Other information

### The new GHS pictograms are identified below:

#### **HCS Pictograms and Hazards Health Hazard Exclamation Mark** Flame Carcinogen Flammables Irritant (skin and eye) Mutagenicity Pyrophorics Skin Sensitizer Reproductive Toxicity Self-Heating Acute Toxicity Respiratory Sensitizer Emits Flammable Gas Narcotic Effects ■ Target Organ Toxicity Self-Reactives Respiratory Tract Irritant Aspiration Toxicity Organic Peroxides Hazardous to Ozone Layer (Non-Mandatory) **Gas Cylinder** Corrosion Exploding Bomb Gases Under Pressure Skin Corrosion/Burns Explosives Eye Damage Self-Reactives Corrosive to Metals Organic Peroxides Skull and Crossbones Flame Over Circle Environment (Non-Mandatory) Aquatic Toxicity Oxidizers Acute Toxicity (fatal or toxic)

## Additional Discussion Notes:

#### Remember

A Hazard Communication Program is designed to maintain a healthy work environment by increasing employee awareness about the hazards of the chemicals that they work with. This is only part of a larger hazard communication program and additional training is required.