

MBAA Safety Tool Box Talk



Global Harmonized Standard (Hazard Communication)

OVERVIEW

The OSHA Hazard Communication Standard - (CFR 29) Part 1910.1200, has been updated to align with the European Global Harmonized Standard. 6-1-2015 was the date the Manufacturers of chemical had to produce Safety Data Sheet (SDS - which replace the MSDS). 12-1-2015 is when chemical distributors must ship out all old stock with the old labels/MSDS. On 6-1-2016 everyone in America must be using the new system.

APPLICABILITY

The Global Harmonized Standard applies to everyone that has employees:

1. Material Safety Data Sheets (MSDS) are being replaced by Safety Data Sheets (SDS).
2. National Fire Protection Association's (NFPA) labels, and the Hazardous Material Identification System (HMIS), are being replaced with the new Global Harmonized Standards (GHS) Label.
3. Employee training is required to be completed for employees on how the system will change (Due date was 12-1-2014). Training should also be conducted at each of the upcoming deadlines (12-1-2015 and 6-1-2016.) to remind employees about the SDSs and the radically different new labels.

HOW HAVE THINGS CHANGED?

The standard changes from "You Have a Right-to-Know" what hazardous chemicals you work with to "You Have a Right-to-Understand".

The nature of the chemicals has not changed. But, because all chemical manufacturers are required to rewrite their SDSs there may be significant changes. All incoming Safety Data Sheets should be carefully evaluated to identify these changes.

You cannot know how to change to the new system until you have a new SDS and label. The label has wording that is specified by the Safety Data Sheet - you cannot know the words or Pictogram until you receive that information. (To make a label take a flash less picture of the label, e-mail it to yourself and print it.)

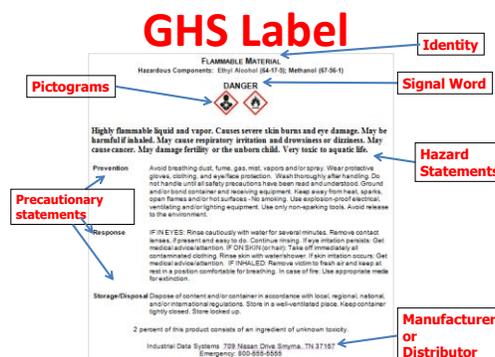
TRAINING

Employees must be trained on the new standard's requirements, the labeling, what it means and how to understand the new format. This training had to be completed by 6-1-2015. Going forward you should, at least, conduct training on the new labels and SDS by 6-1-2016 - this is the final deadline for compliance.

Employees need to understand the difference between the two systems.

NEW LABELS

Labels have several elements:



- **Identity** - the name of the chemical.
- **Signal Word** - Either the word "Danger" or "Warning"
- **Pictograms** - Europe uses 9 Pictograms - OSHA only adopted 8. You will only see the Environmental Pictogram on European labels.
- **Hazard Statements** - Words that explain the hazards of the chemical.
- **Precautionary Statements** -
 - How to protect yourself

- First aid procedures
- How to store and dispose of it
- **Name and phone number of the manufacturer**

SAFETY DATA SHEETS:

They must have 16 sections in a precise order. (i.e.: First aid will always be Section 4). This will make it easier to find things on the Safety Data Sheets no matter who manufactured the chemical.

LINKS

- [OSHA's Hazard Communication Page](#)
- [OSHA Fact Sheet on GHS](#)
- [Brewers Association - Safety](#)

FOR MORE INFORMATION ON BREWERY SAFETY PROGRAMS, PLEASE VISIT THE MBAA SAFETY WEBSITE AT
www.mbaa.com/brewresources

THE 9 PICTOGRAMS

<ul style="list-style-type: none">• Carcinogen• Mutagenicity• Reproductive Toxicity• Respiratory Sensitizer• Target Organ Toxicity• Aspiration Toxicity	<ul style="list-style-type: none">• Flammables• Pyrophorics• Self-Heating• Emits Flammable Gas• Self-Reactives• Organic Peroxides	<ul style="list-style-type: none">• Irritant (skin and eye)• Skin Sensitizer• Acute Toxicity (harmful)• Narcotic Effects• Respiratory Tract Irritant• Hazardous to Ozone Layer (Non-Mandatory)
<ul style="list-style-type: none">• Gases Under Pressure	<ul style="list-style-type: none">• Skin Corrosion/ Burns• Eye Damage• Corrosive to Metals	<ul style="list-style-type: none">• Explosives• Self-Reactives• Organic Peroxides
<ul style="list-style-type: none">• Oxidizers	<ul style="list-style-type: none">• Aquatic Toxicity	<ul style="list-style-type: none">• Acute Toxicity (fatal or toxic)