CMC

CATHOLIC MEDICAL CENTER

a member of GraniteOne Health

CMC Hazard Communication

Hazard Communication

OSHA has revised its Hazard Communication Standard (HCS) to align with the United Nations' Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

This update to the Hazard Communication Standard (HCS) provides a common and coherent approach to classifying chemicals and communicating hazard information on labels and safety data sheets.

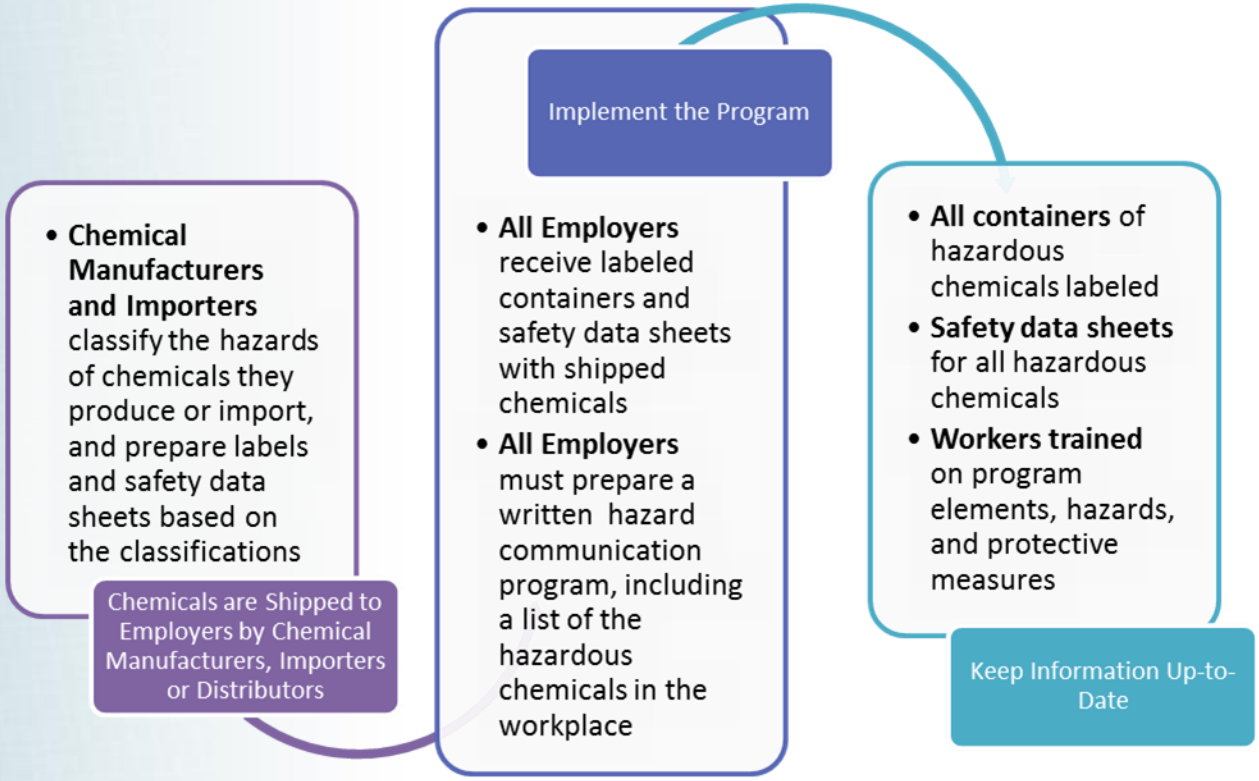
Employees will see labels and SDSs, formerly MSDS, (Material Safety Data Sheets) in full compliance with HCS standards

The two major areas in the HCS Standard include:

Labels

Safety Data Sheets

How Hazard Communication Works



LABEL ELEMENTS

Labels are required to have the **following elements**:

- Product identifier; Signal word; Pictogram; Hazard statement(s); Precautionary statement(s); Name, address and phone number of the chemical manufacturer, distributor or importer

Product Identifier:

- how the hazardous chemical is identified
  - the identifier can be the chemical name, code number or batch number
  - the same product identifier must be on the label *and* the SDS

Signal Word:

- used to indicate the relative level of severity of hazard
- there are only **two** signal words:
  - "Danger" and "Warning"
    - "Danger" is used for more severe hazards
    - "Warning" for less severe hazards
  - *there will be only one signal word on the label no matter how many hazards a chemical may have.*

Pictograms –

- OSHA has designated 9 pictograms

If a chemical has *multiple hazards,* different pictograms are used to identify the various hazards

Hazard Statements –

- describes the nature of the hazard of the chemical
- all of the applicable hazards appear on the label.

Precautionary Statements

- describe the recommended measures that should be taken to minimize or prevent adverse effects resulting from exposure to a hazardous chemical or improper storage or handling
- precautionary statements on the label and SDS will be the same

When there are similar precautionary statements, the one providing the most protective information will be included on the label.

The Precautionary Statements on the label provide quick information on the storage of the chemical, safety guidelines, personal protective equipment and emergency procedures.

First Aid measures can be quickly located on the label in the Precautionary Statement.

Name, address and phone number of the chemical manufacturer, distributor or importer

SAMPLE LABEL

CODE
Product Name

PRODUCT IDENTIFIER

Company Name
Street Address
City State
Postal Code Country
Emergency Phone Number

SUPPLIER IDENTIFICATION

HAZARD PICTOGRAMS

SIGNAL WORD

Danger

HAZARD STATEMENT

Highly flammable liquid and vapor.
May cause liver and kidney damage.

Keep container tightly closed. Store in cool,

Well-ventilated place that is locked.
Keep away from heat/sparks/open flame.
No smoking.
Only use non-sparking tools.
Use explosion-proof electrical equipment.
Take precautionary measure against static discharge.
Ground and bond container and receiving equipment.
Do not breathe vapors.
Wear Protective gloves.
Do not eat, drink or smoke when using this product.
Wash hands thoroughly after handling.
Dispose of in accordance with local, regional, national, international regulations as specified.

In Case of Fire: use dry chemical (BC) or Carbon dioxide (CO_2) fire extinguisher to extinguish.

First Aid
If exposed call Poison Center.
If on skin (on hair): Take off immediately any contaminated clothing. Rinse skin with water.

PRECAUTIONARY STATEMENTS

SUPPLEMENTAL INFORMATION

Directions for Use:

Fill weight: Lot Number:
Gross weight: Fill Date:
Expiration Date:

Workplace Labeling

- OSHA is maintaining the approach used in the current HCS that allows employers to use workplace-specific labeling systems as long as they provide the required information.

- Workplace label systems may need to be updated to make sure the information is consistent with the new classifications.

Safety Data Sheets

(formerly Material Safety Data Sheets)

Will now have a specified 16-section format.

1. Identification of the substance or mixture and of the supplier
2. Hazards identification
3. Composition/information on ingredients Substance/Mixture
4. First aid measures
5. Firefighting measures
6. Accidental release measures
7. Handling and storage
8. Exposure controls/personal protection
9. Physical and chemical properties
10. Stability and reactivity
11. Toxicological

1. *Ecological information (non mandatory)*
2. *Disposal considerations (non mandatory)*
3. *Transport information (non mandatory)*
4. *Regulatory information (non mandatory)*
5. Other information including information on preparation and revision of the SDS

Thank you