Hazard Communication
Globally Harmonized System of Classification and Labeling of Chemicals

GHS pictograms and hazard classes

- **Skull and Crossbones**
  - Acute toxicity (fatal or toxic)

- **Exclamation Mark**
  - Irritant (skin and eye)
  - Skin sensitizer
  - Acute toxicity
  - Narcotic effects
  - Respiratory tract irritant
  - Hazardous to ozone layer (Non-mandatory)

- **Health Hazard**
  - Carcinogen
  - Mutagenicity
  - Reproductive toxicity
  - Respiratory sensitizer
  - Target organ toxicity
  - Aspiration toxicity

- **Corrosion**
  - Skin corrosion/burns
  - Eye damage
  - Corrosive to metals

- **Flame**
  - Flammables
  - Pyrophorics
  - Self-heating
  - Emits flammable gas
  - Self-reactives
  - Organic peroxides

- **Exploding Bomb**
  - Explosives
  - Self-reactives
  - Explosives

- **Gas Cylinder**
  - Gasses under pressure

- **Flame Over Circle**
  - Oxidizers
  - Gasses under pressure

- **Environment**
  - Aquatic toxicity

Sample Label

1. **Product identifier**
   - Code:
   - Product Name:

2. **Supplier identification**
   - Company Name:
   - Street Address:
   - City, State, Postal Code, Country:
   - Emergency Phone Number:

3. **Precautionary statement**
   - Keep container tightly closed. Store in a 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 measures 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.

4. **Pictograms**

5. **Signal word**
   - DANGER

6. **Hazard statement**
   - Highly flammable liquid and vapor.
   - May cause liver and kidney damage.

7. **Supplemental information**
   - Directions for Use:
     - First Aid:
       - If exposed call Poison Center.
       - If on skin (or hair): Take off immediately any contaminated clothing. Rinse skin with water.

Safety Data Sheets
The new Safety Data Sheets (SDS) will contain a 16-section standardized format.

- **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**

*Note: Since other Agencies regulate this information, OSHA will not be enforcing Sections 12 through 15 (29 CFR 1910.1200(g)(2)).