

# VLCT PACIF Loss Control Resource

## The GHS of Classification & Labeling of Chemicals

The Globally Harmonized System of Classification and Labeling of Chemicals is a system for standardizing and harmonizing the classification and labeling of chemicals. It is a logical and comprehensive approach to defining health, physical and environmental hazards of chemicals and to communicate hazard information, as well as protective measures, on labels and Safety Data Sheets (SDSs).

### *Globally Harmonized System Pictograms*

#### **Health Hazard / Chronic Health Hazard**

This is the symbol that will appear on chemicals that poses chronic health hazards; respiratory sensitization, germ cell mutagenicity, carcinogenicity, reproductive toxicity, specific target organ toxicity,



#### **Flame / Flammable**

This is the symbol that will appear on chemicals that are flammable. Depending on the properties of the chemical(s); flammable gas, flammable aerosol, flammable liquid and vapor, flammable solid.



#### **Exclamation Mark / Irritant & Sensitizer**

This is the symbol that will appear on chemicals with less severe toxicity; harmful if swallowed, harmful in contact with skin, harmful if inhaled, causes skin and eye irritation, may cause allergic skin reaction.



#### **Gas Cylinder**

This is the symbol that will appear on chemicals that are; gases under pressure, compressed gases, liquefied gases, refrigerated liquefied gases, dissolved gases.



#### **Corrosion**

This is the symbol that will appear on chemicals that have corrosive properties. Depending on the properties of the chemical(s); may be corrosive to metal, causes severe skin burns and eye damage, will cause serious eye damage.



#### **Exploding Bomb / Explosive**

This is the symbol that will appear on chemicals which are; unstable explosives, self-reactive substances and mixtures, and organic peroxides.



#### **Flame Over Circle / Oxidizer**

This is the symbol that will appear on chemicals that will release oxygen or behave like oxygen in a chemical reaction; causing a greater fire and explosion.



#### **Environmental / Aquatic Hazard – Non Mandatory**

This is the symbol that will appear on chemicals which are acutely hazardous to fish, crustaceans, or aquatic plants.



#### **Skull and Cross Bones / Acute Toxicity**

This is the symbol that will appear on the most severely toxic chemicals. Depending on the toxicity of the chemical, the skull and crossbones indicate that the chemical may be toxic or fatal; inhaled, swallowed, and/or contact with skin.

