










GHS – Pictogram Cheat Sheet

GHS compliant Safety Data Sheets (SDS) AND Labels, for products that are hazardous as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200, will contain one or more of these pictograms. Each pictogram conveys the specific hazard of the chemical.

8 standardized hazard symbols		
Written Name	Symbol	Hazards Associated
Exclamation Mark		<p>It is used on a chemical label for substances that represent the following hazards:</p> <ul style="list-style-type: none"> • Irritant – irritates the skin or eyes • Skin sensitizer – which is an allergic response following skin contact • Acute toxicity—which may be fatal or cause organ damage from a single short-term exposure • Narcotic effects like drowsiness, lack of coordination, and dizziness • Respiratory tract irritation.
Health Hazard		<p>This pictogram is put on a chemical label when a substance presents these health hazards:</p> <ul style="list-style-type: none"> • Carcinogen – may cause cancer • Respiratory sensitizer – may cause respiratory irritation • Reproductive toxicity – may damage fertility or the unborn child • Target organ toxicity – may cause damage to bodily organs • Mutagenicity – may cause genetic defects • Aspiration toxicity – may be fatal if swallowed and it enters the airways
Corrosion		<p>This pictogram on a chemical label means that the substance causes skin burns, eye damage, or destroys metals.</p>
Flame		<p>It appears on chemical labels for substances that are:</p> <ul style="list-style-type: none"> • Flammables – which are gases, aerosols, liquids, or solids that will burn or ignite under certain conditions • Self-Reactives – heating alone, without air, may cause fire or explosion • Pyrophorics – in small amounts, may ignite within 5 minutes after contact with air • Self-Heating – which may catch fire only in large amounts and after long periods of time when exposed to air • Emitters of flammable gas • Organic peroxides – which, when heated, may cause fire or explosion; may be sensitive to impact or friction; and may react dangerously with other chemicals.

Flame over Circle		This symbol on a chemical label means that the substance is an oxidizer. Oxidizers may cause a fire by increasing the concentration of oxygen in the air.
Skull and Crossbones		Substances with a hazard of acute toxicity will have this symbol on their chemical label. Acute toxicity means that exposure to a single dose of the chemical may be toxic or fatal if inhaled or swallowed, or if it comes into contact with the skin.
Gas Cylinder		This pictogram on a chemical label means that the substance is a compressed, liquefied, or dissolved gas under pressure at 29 pounds per square inch or more.
Exploding Bomb		The exploding bomb pictogram appears on the chemical labels of substances that are: <ul style="list-style-type: none"> • Explosives — which is a solid or liquid chemical capable of a chemical reaction that causes damage to the surroundings • Self-Reactive — heating may cause fire or explosion without the need for air • Organic peroxides — again, heating may cause fire or explosion.
Bonus Pictogram		
Environment		This <u>non-mandatory pictogram</u> means the hazard the chemical presents is aquatic toxicity.