











# Check the Pictograms when Handling Chemicals!

	Pictogram	Representative hazard or chemical hazard	Representative examples of precautions
Hazard	 (Exploding bomb)	Explosive: mass explosion hazard Explosive: fire, blast, or explosion hazard Danger of explosion when heated	No smoking. Keep only in original packaging Keep away from high temperatures, sparks, and sources of flame. In the event of a fire, evacuate. DO NOT fight fire when fire reaches explosives. Dispose of contents and containers in accordance with the law.
	 (Flame)	Highly combustible gas or aerosol Highly-flammable liquid or vapor Combustible solid Danger of fire when heated Risk of spontaneous combustion when exposed to air Emits flammable gas when exposed to water	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in a well-ventilated area. Suggested addition: IF ON SKIN: Brush off loose particles from skin. Immerse in cool water. – Very tricky to recommend this as sometimes water should be avoided.
	 (Flame over circle)	Danger of fire or worsening a fire Danger of fire or explosion Danger of worsening a fire	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from combustible materials. Store in isolation.
	 (Gas cylinder)	Gas under pressure: danger of explosion when heated Refrigerated liquefied gas: danger of frostbite or ice burn	Protect from sunlight. Store in a well ventilated place. Wear cold insulating gloves and either face shield or eye protection. Thaw frosted parts with lukewarm water. Do not rub affected area. Get immediate medical advice/attention.
	 (Corrosion)	May be corrosive to metals Causes severe skin burns and eye damage	Keep only in original packaging Avoid contact with skin and eyes. Wash exposed area immediately upon contact Wash the body and clothing thoroughly after handling. Wear protective clothing, protective gloves, and safety glasses.
Health hazard	 (Skull and crossbones)	Acute toxicity (fatal or toxic) when inhaled, ingested, or upon coming in contact with the skin.	Do not inhale, place in mouth or on skin. If exposed, seek medical assistance immediately. Only use outdoors or in a well-ventilated area. Wear a mask, protective clothing, and protective gloves. Store locked up.
	 (Health hazard)	Danger of hereditary disorders Danger of cancer Danger of reproductive toxicity or adverse effect on human fetuses Danger of causing allergy, asthma, or breathing difficulty when inhaled Specific target organ toxicity Acute toxicity when inhaled into the respiratory tract (aspiration)	Do not place on skin. Do not inhale. Wear a mask, protective gloves, and protective clothing. Ventilate the area. See a doctor if any abnormality is observed or there has been a possibility of exposure.
	 (Exclamation mark)	Acute toxicity. Harmful when inhaled, ingested, or upon coming in contact with the skin Strong eye and skin irritant Danger of causing allergic skin reactions Danger of irritation to respiratory organs, drowsiness, or vertigo	Avoid inhalation. Contact a doctor if you feel unwell. Wear personal protective equipment.
	 (Environment)	Harms public health and the environment by destroying ozone in the upper atmosphere	Contact the manufacturer or supplier for information concerning collection or recycling.
Environmental hazard	 (Environment)	Extremely toxic to aquatic life	Avoid release into the environment. Dispose of contents and containers in accordance with the law.

Note: The listed precautions are representative excerpts.