

KNOW YOUR CHEMICAL SYMBOLS. BE SAFE!

WHAT DO THESE SYMBOLS MEAN?



OXIDIZERS

- Release oxygen easily which can cause fire and/or explosion
- May explode when in contact with heat, shock, friction and exposure to the environment



CORROSIVES

- May cause severe damage to body parts when in contact with this chemical



TOXICITY (SEVERE)

- May cause harmful long term health effects
- Degree of exposure and toxicity can affect level of health implications
- May be fatal



ENVIRONMENTAL TOXICITY

- Has potential to cause harmful effects on the environment, people and animals
- Poisonous and can lead to death



GASES UNDER PRESSURE

- Stored in pressurised cylinders
- May be flammable and explosive
- May be harmful to health
- May cause oxygen deficiency if gas is leaked in an enclosed space



EXPLOSIVES SELF REACTIVES

- May cause fire, explosion or produce poisonous gas
- May be fatal if swallowed or if vapours are inhaled
- Can be toxic or corrosive
- Avoid contact with skin or eyes



CARCINOGEN • RESPIRATORY SENSITIZER • REPRODUCTIVE TOXICITY • TARGET ORGAN TOXICITY • MUTAGENICITY • ASPIRATION TOXICITY

- Can enter your body directly through mouth or inhalation
- Can cause breathing difficulties
- Can cause infertility, birth defects, organ failure or cancer



FLAMMABLES • SELF REACTIVES • PYROPHORICS • SELF-HEATING • EMITS FLAMMABLE GAS • ORGANIC PEROXIDES

- Highly flammable
- May cause fire or produce poisonous gas when react with air, water or chemicals
- May be fatal if swallowed or if vapours are inhaled
- Can be toxic or corrosive
- Avoid contact with skin



IRRITANT • DERMAL SENSITIZER • TOXICITY (HARMFUL) • NARCOTIC EFFECTS • RESPIRATORY TRACT

- Can lead to irritation or inflammation of the skin, eyes, nose or respiratory system
- Can impair vital body functions
- Can weaken the central nervous system
- Has harmful health effects
- May lead to coma and death

* Symbols adopted from Global Harmonised System (GHS).

Visit www.wshc.sg for more information on workplace safety and health.
Call the Ministry of Manpower hotline 6317 1111 to report unsafe work practices.

