

## HEALTH HAZARD

### Health Hazard Class

- Respiratory or skin sensitization

A respiratory sensitizer is a product that may cause allergy or asthma symptoms or breathing difficulties if inhaled. Skin sensitizer is a product that may cause an allergic skin reaction.

- Germ cell mutagenicity

This hazard class includes products that may cause or are suspected of causing genetic defects (permanent changes (mutations) to body cells that can be passed on to future generations)

- Carcinogenicity

This hazard class includes products that may cause or are suspected of causing cancer.

- Reproductive toxicity

This hazard class includes products that may damage or are suspected of damaging fertility or the unborn child (baby). Note: There is an additional category which includes products that may cause harm to breast-fed children.

- Specific target organ toxicity- single exposure

This hazard class covers products that cause or may cause damage to organs (e.g., liver, kidneys, or blood) following a single exposure.

This class also includes a category for products that cause respiratory irritation or drowsiness or dizziness.

- Specific target organ toxicity – repeated exposure

This hazard class covers products that cause or may cause damage to organs (e.g., liver, kidneys, or blood) following prolonged or repeated exposure.

- Aspiration hazard

This hazard class is for products that may be fatal if they are swallowed and enter the airways.



## BIOHAZARD

### Health Hazard Class

- Biohazardous infectious materials

These materials are microorganisms, nucleic acids or proteins that cause or are a probable cause of infection, with or without toxicity, in humans or animals.

## BIOHAZARD

### Health Hazard Class

- Aquatic toxicity\*

This class covers the acute (short term) effects on various aquatic life forms such as fish, crustaceans, algae and aquatic plants. \*Note, this pictogram is not mandatory.

## NO PICTOGRAM REQUIRED

### Health Hazard Class

- Health hazards not otherwise classified

This class covers products that are not included in any other health hazard class. These hazards have the characteristic of occurring following acute or repeated exposure and have an adverse effect on the health of a person exposed to it – including an injury or resulting in the death of that person. If a product is classified in this class, the hazard statement will describe the nature of the hazard.



## Questions or Concerns?

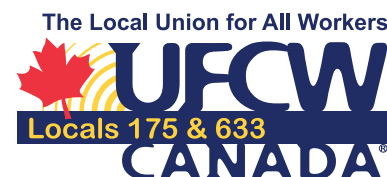
Contact your Union Health & Safety Department

519-658-0252 / 1-800-565-8329

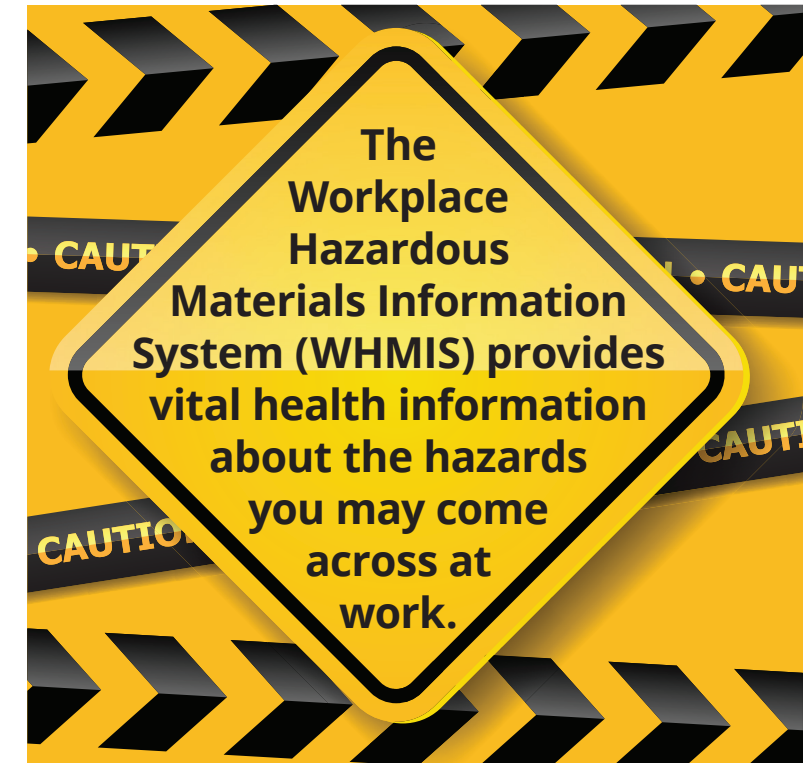
membership@ufcw175.com

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# WORKPLACE WHMIS PICTOGRAMS



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## FLAME OVER CIRCLE

### Physical Hazard Class

- Oxidizing gases
- Oxidizing liquids
- Oxidizing solids

These three classes cover oxidizers, which may cause or intensify a fire or cause a fire or explosion.



## FLAME

### Physical Hazard Class

- Flammable gases
- Flammable aerosols
- Flammable liquids
- Flammable solids

These four classes cover products that have the ability to ignite (catch fire) easily and the main hazards are fire or explosion.



- Pyrophoric liquids
- Pyrophoric solids
- Pyrophoric gases

These products can catch fire very quickly (spontaneously) if exposed to air.

- Self-heating substances and mixtures

These products may catch fire if exposed to air. These products differ from pyrophoric liquids or solids in that they will ignite only after a longer period of time or when in large amounts.

- Substances and mixtures which, in contact with water, emit flammable gases

As the class name suggests, these products react with water to release flammable gases. In some cases, the flammable gases may ignite very quickly (spontaneously).

- Organic peroxides

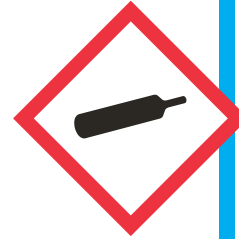
These products may cause a fire or explosion if heated.

## GAS CYLINDER

### Physical Hazard Class

- Gases under pressure

This class includes compressed gases, liquefied gases, dissolved gases and refrigerated liquefied gases. Compressed gases, liquefied gases and dissolved gases are hazardous because of the high pressure inside the cylinder or container. The cylinder or container may explode if heated. Refrigerated liquefied gases are very cold and can cause severe cold (cryogenic) burns or injury.



## EXPLODING BOMB

### Physical Hazard Class

- Self-reactive substances and mixtures

These products may react on their own to cause a fire or explosion, or may cause a fire or explosion if heated.



## CORROSION

### Physical Hazard Class

- Corrosive to metals

These products may be corrosive (chemically damage or destroy) to metals



## NO PICTOGRAM REQUIRED

### Physical Hazard Class

- Simple asphyxiants

These products are gases that may displace oxygen in air and cause rapid suffocation.

- Physical hazards not otherwise classified

This class is meant to cover any physical hazards that are not covered in any other physical hazard class. These hazards must have the characteristic of occurring by chemical reaction and result in the serious injury or death of a person at the time the reaction occurs. If a product is classified in this class, the hazard statement on the label and SDS will describe the nature of the hazard.

# PHYSICAL HAZARD CLASS

# HEALTH HAZARD CLASS

## SKULL & CROSSBONES

### Health Hazard Class

- Acute toxicity

These products are fatal, toxic or harmful if inhaled, following skin contact, or if swallowed. Acute toxicity refers to effects occurring following skin contact or ingestion exposure to a single dose, or multiple doses given within 24 hours, or an inhalation exposure of 4 hours. Acute toxicity could result from exposure to the product itself, or to a product that, upon contact with water, releases a gaseous substance that is able to cause acute toxicity.



## EXCLAMATION + CORROSION

### Health Hazard Class

- Skin corrosion/Irritation

This class covers products that cause severe skin burns (i.e., corrosion) and products that cause skin irritation.



## EXCLAMATION MARK

### Health Hazard Class

- Serious eye damage/eye irritation

This class covers products that cause serious eye damage (i.e., corrosion) and products that cause eye irritation.

