





GHS SYMBOL	CATEGORY	DEFINITION	EXAMPLE
	<p>Toxic</p>	<p>Cause irritation. Cause cancer, birth defects or other permanent damage</p>	<ul style="list-style-type: none"> • Radiation • Mercury
	<p>Biohazardous</p>	<p>Cause infectious disease People could die</p>	<ul style="list-style-type: none"> • AIDS • SARS • parasites
	<p>Corrosive</p>	<p>Acid material that destroys skin or eat through metals.</p>	<ul style="list-style-type: none"> • oven cleaner • Acids
	<p>Reactive</p>	<p>Cause explosion or a fire or produce toxic gas when exposed to light or heat.</p>	<ul style="list-style-type: none"> • fireworks




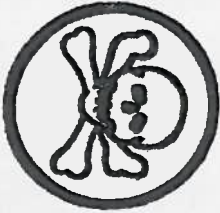
WHMIS CHEMICAL HAZARD SYMBOLS

Workplace

Hazardous

Materials





Information Systems

WHMIS SYMBOL	CATEGORY	DEFINITION	EXAMPLE
	Compressed Gas	Gas is under high pressure cylinder could explode if heated, dropped.	<ul style="list-style-type: none"> Carbon dioxide gas Fire extinguishers gas jets hairspray
	Flammable	Anything that can catch fire or explode	<ul style="list-style-type: none"> oxygen tank
	Oxidizing Material	Cause explosions or fires if come in contact with wood or fuel	
	Poisonous Material	Kill you or cause permanent damage (immediately)	<ul style="list-style-type: none"> alcohol (ethanol) washer fluid

HHP

HHP SAFETY SYMBOLS

Household Hazardous Product Symbols

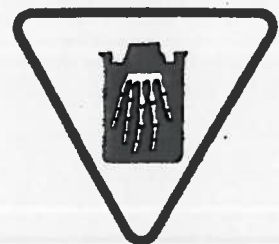
HHP SYMBOL	Category	Example
	Corrosive	• oven cleaner • bleach
	Flammable	• nail polish • gasoline
	Explosive	• hairspray • bug spray
	Poisonous	• bleach • rat poison

DEGREE OF RISK

DANGER



CAUTION



Smelling Chemicals

"WAFTING"

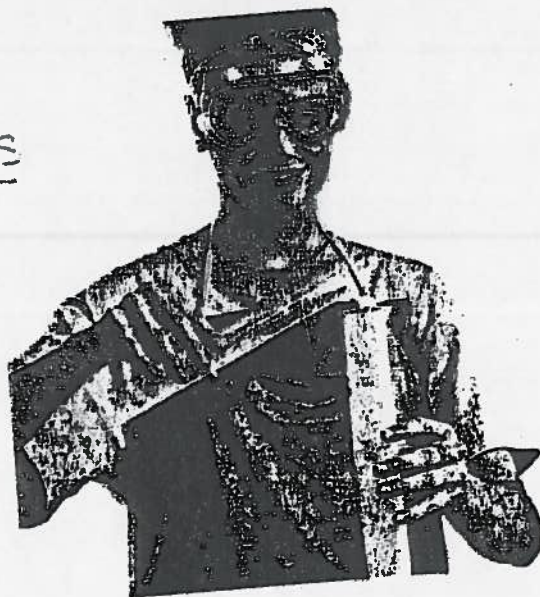
- hold container in front and beneath nose.
- waft fumes toward your nose!



← WAFTING

Pouring Liquids









- hold container away from face
- pour over sink.



Always point the open end of test tube away from you and others!











WHMIS Symbols

Symbol	Meaning	What Might Happen
	Compressed gas	
	Oxidizing material	
	Biohazardous	
	Reactive	
	Poisonous	
	Toxic	
	Corrosive	
	Flammable	

WHMIS Symbols

Workplace Hazardous Materials Information Systems

Symbol	Meaning	What Might Happen
	Compressed gas	A gas is under high pressure in a cylinder. The cylinder could explode or burst if it is heated, dropped, or damaged.
	Oxidizing material	These materials can cause explosions or fires if they come into contact with wood, fuels, or anything else that can burn.
	Biohazardous	Materials with this symbol may cause infectious disease or serious illness. People could die from these diseases or illnesses.
	Reactive	These materials might react violently and cause an explosion or a fire, or produce toxic gases when exposed to light, heat, vibrations, or extreme temperatures.
	Poisonous	A single exposure to this substance could kill you or cause serious or permanent damage.
	Toxic	Exposure to this poisonous substance could cause irritation. Repeated exposure could cause cancer, birth defects, or other permanent damage.
	Corrosive	Acid materials that destroy skin or eat through metals. ex. oven cleaner
	Flammable	Anything that can catch fire or explode in heat. ex. gas = hairspray

ex. fire extinguisher

ex. oxygen tank

ex. parasite SARS

ex. fireworks

ex. windshield washer fluid

ex. radiation

WORKPLACE SYMBOLS

HAZARD SYMBOL	Class	Examples
	Compressed Gas	Carbon dioxide gas
	Flammable & combustible material	gas from the gas jets
	Oxidizing material	Oxygen gas
	Poisonous (Immediate)	alcohol (ethanol)
	Toxic Material (long term)	Mercury
	Biohazardous infectious material	AIDS
	Corrosive material	Acids
	Dangerously reactive material	nitroglycerin

W

Workplace

H

Hazardous

M

Materials

I

Information

S

System

HOUSEHOLD SYMBOLS

HAZARD SYMBOL	Category	Examples
	Corrosive	oven cleaner drain cleaner bleach
	Flammable	nail polish gasoline bug spray
	Explosive	hair spray barbecue propane tank
	Poisonous	bleach pesticides rat poison

H

Household

H

Hazardous

P

Product

S









Signs

HAZARD

CAUTION











WHMIS Symbols

Symbol	Meaning	What Might Happen
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	Reactive	
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WHMIS Symbols

Workplace Hazardous Materials Information Systems

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ex.
fire
extinguisher

ex.
oxygen
tank

ex.
parasite
SARS

ex.
fireworks

ex.
windshield
washer
fluid

ex.
radiation

WORKPLACE SYMBOLS

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W
Workplace

H
Hazardous

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HOUSEHOLD SYMBOLS

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H
Household

H
Hazardous

P
Products

S
Symbols

DA
NGER

CA
UTION

