

COMMUNITY LIVING BRANT
POLICY AND PROCEDURE MANUAL











SUBJECT: WHMIS 2015

POLICY NO.: 2.12
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Appendix A: WHMIS 2015 Symbols

WHMIS 2015

WHMIS 2015/GHS has nine pictograms used to classify and label chemicals. A label or SDS that is compliant with the United States Hazard Communication Standard (2012) may not be sufficient for compliance in Canada. The supplier must be compliant with the Canadian requirements, whether the CPR or the HPR. It is expected that a biohazard symbol will be introduced through provincial legislation. Learn to identify the hazards identified by the GHS pictograms:

	Exploding bomb (for explosion or reactivity hazards)		Flame (for fire hazards)		Flame over circle (for oxidizing hazards)
	Gas cylinder (for gases under pressure)		Corrosion (for corrosive damage to metals, as well as skin, eyes)		Skull and Crossbones (can cause death or toxicity with short exposure to small amounts)
	Health hazard (may cause or suspected of causing serious health effects)		Exclamation mark (may cause less serious health effects or damage the ozone layer*)		Environment* (may cause damage to the aquatic environment)
	Biohazardous Infectious Materials (for organisms or toxins that can cause diseases in people or animals)				

* The GHS system also defines an Environmental hazards group. This group (and its classes) was not adopted in WHMIS 2015. However, you may see the environmental classes listed on labels and Safety Data Sheets (SDSs). Including information about environmental hazards is allowed by WHMIS 2015.

		PRECAUTIONS	
Compressed Gas		<p>MATERIALS WHICH ARE NORMALLY GASEOUS KEPT IN A PRESSURIZED CONTAINER</p> <ul style="list-style-type: none"> • could explode due to pressure • could explode if heated or dropped • Possible hazard from both the force of explosion and the release of contents 	<p>ENSURE CONTAINER IS ALWAYS SECURED</p> <ul style="list-style-type: none"> • Store in appropriate designated areas • Do not drop or allow to fall
Flammable And Combustible		<p>MATERIALS WHICH WILL CONTINUE TO BURN AFTER BEING EXPOSED TO A FLAME OR OTHER IGNITION SOURCE</p> <ul style="list-style-type: none"> • May ignite spontaneously • May be a material which will release flammable products if allowed to degrade or when exposed to water 	<p>STORE IN PROPERLY DESIGNATED AREAS WORK IN WELL VENTILATED AREAS</p> <ul style="list-style-type: none"> • Avoid heating • Avoid sources of sparks/flames • Ensure electrical sources are safe
Oxidizing Material		<p>MATERIALS WHICH CAN CAUSE OTHER MATERIALS TO BURN OR SUPPORT COMBUSTION</p> <ul style="list-style-type: none"> • Can cause skin or eye burns • increase fire and explosion hazard • May cause combustibles to explode or react violently 	<p>STORE IN AREAS AWAY FROM COMBUSTIBLES WEAR BODY, HAND, FACE AND EYE PROTECTION</p> <ul style="list-style-type: none"> • Store in proper containers which will not rust or oxidize
Toxic Immediate And Severe		<p>POISONS / POTENTIALLY FATAL MATERIALS WHICH CAUSE IMMEDIATE AND SEVERE HARM</p> <ul style="list-style-type: none"> • May be fatal if ingested or inhaled • may be absorbed through the skin • Small volumes have a toxic effect 	<p>AVOID BREATHING DUST OR VAPOURS AVOID CONTACT WITH SKIN OR EYES</p> <ul style="list-style-type: none"> • Wear protective clothing which is effective against fumes and vapours • Wear face and eye protection • Work in well ventilated areas and wear breathing protection
Toxic Long Term Concealed		<p>MATERIALS WHICH HAVE HARMFUL EFFECTS AFTER REPEATED EXPOSURES OR OVER LONG PERIODS OF TIME</p> <ul style="list-style-type: none"> • May cause death or permanent injury • May cause birth defects or sterility • May cause cancer • May be sensitizer causing allergies 	<p>WEAR APPROPRIATE PERSONAL PROTECTION WORK IN A WELL VENTILATED AREA</p> <ul style="list-style-type: none"> • Store in appropriate designated areas • Avoid direct contact • Use hand, body, face and eye protection • Ensure respiratory and body protection is appropriate for the specific hazard
Biohazardous Infectious		<p>INFECTIOUS AGENTS OR A BIOLOGICAL TOXIN CAUSING A SERIOUS DISEASE OR DEATH</p> <ul style="list-style-type: none"> • May cause anaphylactic shock • Includes viruses, yeasts, moulds, bacteria and parasites which infect humans • Includes fluids containing toxic products • includes critical components 	<p>SPECIAL TRAINING REQUIRED WORK IN DESIGNATED BIOLOGICAL AREAS WITH APPROPRIATE ENGINEERING CONTROLS</p> <ul style="list-style-type: none"> • Avoid forming aerosols • Avoid breathing vapours • Avoid contamination of people/area • Store only in special designated areas
Corrosive Materials		<p>MATERIALS WHICH REACT WITH METALS AND LIVING TISSUE</p> <ul style="list-style-type: none"> • Eye and skin irritation on exposure • Severe burns/tissue damage on longer exposure • Lung damage if inhaled • May cause blindness if eyes contacted • Environmental damage from fumes 	<p>WEAR BODY, FACE AND EYE PROTECTION USE BREATHING APPARATUS</p> <ul style="list-style-type: none"> • Ensure protective equipment is appropriate • Work in well ventilated area • Avoid all direct body contact • Use appropriate storage containers and ensure proper non-venting closures
Dangerously Reactive		<p>MATERIALS WHICH MAY HAVE UNEXPECTED REACTIONS</p> <ul style="list-style-type: none"> • May react with water • May be chemically unstable • May explode if exposed to shock or heat • May release toxic or flammable vapours • May vigorously ignite • May burn unexpectedly 	<p>HANDLE WITH CARE AVOIDING VIBRATION, SHOCKS AND SUDDEN TEMPERATURE CHANGES</p> <ul style="list-style-type: none"> • Store in appropriate containers • Ensure storage containers are sealed • Store and work in designated areas