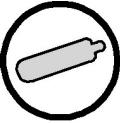




# WHMIS Flash Cards




WHMIS Symbol	What the Symbol Means	Risks	Precautions
	<b>Compressed Gas</b> Normally stored at room temperature and kept in a pressurized container. Example: propane	<ul style="list-style-type: none"> <li>• May explode because gas is under pressure.</li> <li>• May explode if heated or dropped.</li> <li>• May behave like a rocket if the cylinder is ruptured or if the valve is damaged.</li> </ul>	<ul style="list-style-type: none"> <li>• Secure cylinder to a wall or fixed object.</li> <li>• Keep cylinder away from heat.</li> <li>• Do not drop or allow to fall.</li> <li>• Do not stack objects on top of cylinders.</li> </ul>
	<b>Oxidizing Material</b> Material can cause other materials to burn or support combustion. Example: chlorine	<ul style="list-style-type: none"> <li>• May burn skin or eyes if it touches them.</li> <li>• Increased fire and explosion hazard.</li> <li>• May cause flammable materials to explode or react violently.</li> </ul>	<ul style="list-style-type: none"> <li>• Wear body, hand, face, and eye protection.</li> <li>• Do not drop, puncture, or damage containers.</li> <li>• Store away from flammable materials in containers that will not rust.</li> </ul>
	<b>Toxic</b> Material that has harmful effects after long periods of time or after many exposures. Example: asbestos	<ul style="list-style-type: none"> <li>• May cause death or permanent damage after repeated exposures.</li> <li>• May cause birth defects or sterility.</li> <li>• May cause cancer.</li> </ul>	<ul style="list-style-type: none"> <li>• Avoid breathing material by using respiratory protection.</li> <li>• Avoid direct contact by wearing proper body, hand, face, and eye protection.</li> <li>• Store only in designated areas.</li> </ul>

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	<p><b>Corrosive</b></p> <p>Material reacts with metals and living tissue.</p> <p>Example: ammonia</p>	<ul style="list-style-type: none"> <li>• Can cause severe eye and skin irritation.</li> <li>• Can cause severe burns or tissue damage with long exposure.</li> <li>• Can cause lung damage if inhaled.</li> <li>• May cause blindness if touches eyes.</li> <li>• Fumes may cause environmental damage.</li> </ul>	<ul style="list-style-type: none"> <li>• Use breathing apparatus.</li> <li>• Work in well-ventilated areas.</li> <li>• Avoid all direct body contact.</li> <li>• Wear body, hand, face, and eye protection.</li> <li>• Use appropriate storage containers and ensure proper closures without vents.</li> </ul>
	<p><b>Flammable</b></p> <p>Material continues to burn after being exposed to a flame or other ignition source.</p> <p>Example: gasoline</p>	<ul style="list-style-type: none"> <li>• May burst into flames spontaneously.</li> <li>• May release flammable products if allowed to break down or when exposed to water.</li> <li>• Burns easily.</li> </ul>	<ul style="list-style-type: none"> <li>• Work in well-ventilated areas.</li> <li>• Keep away from heat sources and sparks.</li> <li>• Do not smoke near these materials.</li> <li>• Store in a cool, fireproof area.</li> </ul>
	<p><b>Poisonous</b></p> <p>Potentially fatal material that causes immediate and severe harm.</p> <p>Example: hydrogen cyanide</p>	<ul style="list-style-type: none"> <li>• May kill or cause permanent damage if eaten or breathed in, swallowed, or enters the body through skin or eye contact.</li> <li>• Small volumes have a toxic effect.</li> </ul>	<ul style="list-style-type: none"> <li>• Avoid breathing dust or vapours.</li> <li>• Work in well-ventilated areas and wear breathing protection.</li> <li>• Avoid contact with skin or eyes.</li> <li>• Wear face and eye protection.</li> <li>• Wear protective clothing.</li> </ul>

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	<b>Biohazardous</b> Infectious agent or biological toxin that can cause serious disease or death. Example: blood sample containing Hepatitis B virus	<ul style="list-style-type: none"><li>• May cause anaphylactic shock.</li><li>• Includes viruses, yeasts, moulds, bacteria, and parasites.</li><li>• Includes fluids containing toxic products.</li></ul>	<ul style="list-style-type: none"><li>• Special training is required.</li><li>• Avoid breathing vapours.</li><li>• Avoid contamination of people and other areas.</li><li>• Store only in designated areas.</li></ul>
	<b>Reactive</b> Material may have unexpected reactions. Example: benzoyl peroxide	<ul style="list-style-type: none"><li>• Is unstable.</li><li>• May react with water.</li><li>• May explode if exposed to shock or heat.</li><li>• May release toxic or flammable vapours.</li><li>• May burn unexpectedly.</li></ul>	<ul style="list-style-type: none"><li>• Handle with care avoiding vibration, shocks, and temperature changes.</li><li>• Store in appropriate sealed containers in a cool flame-proof area.</li></ul>