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| **Science 9**  **WHMIS Safety Scenarios** |  | **Names:**  **Date: Block:** |

After reading each safety scenario, determine (name and/or draw) the correct WHMIS symbol(s) that should be on the safety container of the product, and then briefly describe the precautions you should take when using the product

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| **Scenario #** | **WHMIS Symbol(s) on Container** | **Briefly describe the precautions you should take when using this product** |
| **1** |  |  |
| **2** |  |  |
| **3** |  |  |
| **4** |  |  |
| **5** |  |  |
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| **8** |  |  |

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| **Scenario 1:** You working at a local mechanic shop, gas station and car wash and found some industrial strength antifreeze left over from the winter. The symbol states it is poisonous. |
| **Scenario 2:** In the school office, you notice a bottle of rubbing alcohol in the first aid room. The bottle has a warning symbol suggesting that the material can cause irritation to the eyes if splashed and dizziness if not used in a well-ventilated space. It is also flammable. |
| **Scenario 3:** You are at a local dive shop and you see they are receiving a new delivery of large gas cylinders to fill up scuba tanks for their customers. These industrial sized tanks have large warning symbols on them suggesting that the gas inside is under high pressure. |
| **Scenario 4:** You just bought a new pair of the latest fashion boots from a local shoe store. The store owner suggests that you protect your shoes with spray-on protectant. He suggests you should spray it on the boots outside. You look at the label and see a symbol suggesting the container may explode if heated. |
| **Scenario 5:** Your mother asks you to clean the toilet and you look under the sink for the toilet bowl cleaner. The product you find tells you that you should wear rubber gloves if you have sensitive skin and that you should not mix the product with any ammonia-based cleaners. |
| **Scenario 6:** You are at a local park with you friends. You notice a clear plastic bag of garbage that has been left by the garbage can. You take a closer look and you see the bag is full of discarded and very soiled latex gloves. The bag containing this waste has a large warning symbol on it. |
| **Scenario 7:** You are helping your family barbeque for an important celebration on the weekend. You head to the local Canadian Tire and purchase a propane tank. You are warned by the symbol on its label that it is very dangerous and may be flammable if put under the improper conditions. |
| **Scenario 8:** You enter a construction site to work and you notice that your boss has several bottles of chemicals he wants you to use. One container is a solvent with the substance toluene in it. The symbols on the bottle indicate it is highly flammable liquid and vapour, it may be fatal if swallowed and enters airways, and, may cause damage to organs through prolonged or repeated exposure. Your boss tells you that you will need to follow strict safety precautions when using the substance. |

**WHMIS Safety Scenarios**