Energy and Matter in Chemical Change

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1.1 WHMIS SYMBOLS

- 1. What does WHMIS stand for?
- 2. What is the purpose of WHMIS?

3. How does the household product system developed by the Department of Consumer and Corporate Affairs differ from WHMIS?

4. What do all WHMIS symbols have in common in appearance?

5. In the science lab, bottles and cylinders containing chemicals have the WHMIS labels shown in the table below. Indicate what class hazard each one is, what potential dangers are posed, and what precautions should be taken in handling.

WHMIS Symbol	Class	Dangers	Precautions
			

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1-

2-

3-

4-

7-

8-

6. Match the number to the appropriate WHMIS symbol below.



- Class B -- flammable and combustible materials
- Class D -- poisonous and infectious materials causing immediate and serious toxic effects
- Class D -- biohazardous infectious materials
- Class F -- dangerously reactive materials
- 5- Class E -- corrosive materials

6- Class D -- materials causing other toxic effects

Class C -- oxidizing material

Class A -- compressed gas



7. The symbols used for household packaging are different from those used for industrial containers. Identify the symbols below and indicate the degree of hazard shown by the shape of the frame around each symbol.

Household Symbol	Degree of Hazard Type of Hazard