



Task Title: WHMIS Pictograms

OALCF Cover Sheet – Practitioner Copy

Learner Name: _____

Date Started: _____

Date Completed: _____

Successful Completion: Yes ☐ No ☐

Goal Path: Employment ☒ Apprenticeship ☒

Secondary School ☐ Post Secondary ☐ Independence ☐

Task Description:

Use the WHMIS Pictograms Infographic to answer questions about the symbols identifying hazardous materials.

Main Competency/Task Group/Level Indicator:

- Find and Use Information/Interpret documents/A2.2

Materials Required:

- Pen/pencil and paper and/or digital device

Learner Information

Workplace Hazardous Materials Information System (WHMIS) is used to identify hazards. Preventing exposure to hazardous materials is critical to maintaining personal and workplace safety.

Scan the WHMIS Pictograms infographic.



WHMIS Pictograms

Workplace Hazardous Materials Information System

Flame

- Flammable
- Self-Reactve
- Pyrophoric
- Self-Heating
- In Contact with Water, Emits Flammable Gases
- Organic Peroxide
- Chemicals Under Pressure (flammable)

Flame over Circle

Oxidizer

Exploding Bomb

- Explosive*
- Self-Reactve (severe)
- Organic Peroxide (severe)

Gas Cylinder

- Gas Under Pressure
- Chemicals Under Pressure

Skull and Crossbones

- Acute Toxicity (fatal or toxic)

Corrosion

- Serious Eye Damage
- Skin Corrosion
- Corrosive to Metals

Biohazardous

- Biohazardous Infectious Materials

Exclamation Mark

- Irritation (skin or eyes)
- Skin Sensitization
- Acute Toxicity (harmful)
- Specific Target Organ Toxicity (drowsiness or dizziness, or respiratory irritation)
- Hazardous to the Ozone Layer*

Health Hazard

- Carcinogenicity
- Respiratory Sensitization
- Reproductive Toxicity
- Specific Target Organ Toxicity
- Germ Cell Mutagenicity
- Aspiration Hazard

Environment

- Aquatic Toxicity*



A pictogram appropriate for the hazard

Physical Hazards Not Otherwise Classified

Health Hazards Not Otherwise Classified

NOTE: No pictogram is assigned to some hazard classes e.g., Combustible Dusts and Simple Asphyxiants, and some less severe hazard categories. Chemicals Under Pressure, Categories 1 and 2, must be represented by both a flame and a gas cylinder pictogram.

*Not required by WHMIS, but may be used.



Canadian Centre for Occupational Health and Safety

1-800-668-4284



Work Sheet

Task 1: List three possible effects of Health Hazards.

Answer:

Task 2: Which two hazards list skin damage as an effect?

Answer:

Task 3: Which two hazards directly harm the environment?

Answer:

Task 4: Where could you find more information about hazard symbols and their effects?

Answer:

Answers

Task 1: List three possible effects of Health Hazards.

Answer: Any three of

- carcinogenicity
- respiratory sensitization
- reproductive toxicity
- specific target organ toxicity
- germ cell mutagenicity
- aspiration hazard

Task 2: Which two hazards list skin damage as an effect?

Answer: Corrosion (skin corrosion) and Exclamation Mark (skin sensitization)

Task 3: Which two hazards directly harm the environment?

Answer: Environment (aquatic toxicity) and Exclamation Mark (hazardous to the ozone layer).

Task 4: Where could you find more information about hazard symbols and their effects?

Answer: Any of the following: ccohs.ca; WHMIS.org; 1-800-668-4284

Performance Descriptors

Levels	Performance Descriptors	Needs Work	Completes task with support from practitioner	Completes task independently
A2.2	Performs limited searches using one or two search criteria			
	Uses layout to locate information			
	Makes low-level inferences			
	Makes connections between parts of documents			

This task: Was successfully completed ☐ Needs to be tried again ☐

Learner Comments:

Instructor (print):

Learner (print):
