WHMIS QUIZ

NAME: ________________________________________ DATE: ________________________

DEPARTMENT: _________________________________ PHONE #: ________________________

FLOOR/ROOM #: ______________________________ SITE: _____________________________

Instructions: For multiple choice questions, select only one answer.

1. What do the letters WHMIS stand for? _____________________________________________

2. What three methods does WHMIS use to inform workers of the hazards of the products that they work with?
   a) Communication, Protection, Disposal
   b) MSDS, Training, Labeling
   c) Working, Labeling, Protecting
   d) Pouring, Mixing, Cleaning Up

3. WHMIS informs workers of the hazards associated with?
   (a) Controlled products such as chemicals and biohazards
   (b) Controlled products such as chemicals, biohazards and drugs
   (c) All controlled products
   (d) Hazardous materials and equipment

4. What is a Material Safety Data Sheet (MSDS)?
   (a) A product that must be used safely
   (b) A label that details the hazards of a product
   (c) A document that details how to use a product, including how to apply the product, how to mix the product
   (d) A technical document that details such things as properties, contents, precautions and safe handling procedures of a controlled product

Revised: April 28, 2004
5. A Material Safety Data Sheet (MSDS) must be less than how old?

(a) 1 year
(b) 3 years
(c) 5 years
(d) It doesn’t matter

6. What information would you expect to find on a MSDS? Circle all that apply.

(a) Product information
(b) First Aid Measures
(c) Physical data
(d) Responsibilities
(e) Fire and Explosive Data
(f) Reactivity Data
(g) Shift Schedules

7. WHMIS symbol for Oxidizing Materials is:

(a) skull and crossbones in a circle
(b) “R” and test tube in a circle
(c) an O with flames on top
(d) a bony hand in a circle

8. When handling chemicals, you should:

(a) Pour the chemical back into its original container
(b) Pour the chemical down the drain
(c) Use only the approved method of waste disposal
(d) None of the above

9. Any chemical that acts like oxygen or gives off oxygen is called an:

(a) Oxymoron
(b) Oxyhydrogen
(c) Oxidizer
(d) Oxytocin

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10. Answer the following true or false.

True    False   MSDS sheets can be kept in an office and locked up.

True    False   Flammable means that the material will burn or catch on fire easily at normal temperatures.

True    False   All containers of controlled products should have WHMIS labels.

True    False   Canadian MSDS is valid for 5 years.

True    False   If a chemical is poured from the original container into a smaller container, the smaller container needs a workplace label.

True    False   WHMIS symbol of “T” inside a circle represents Poisonous and Infectious Materials – Immediate and Serious Toxic effects.

11. Where are the MSDSs kept in the area where you work?

_____________________________________________________________________

12. Who is responsible for providing Material Safety Data Sheets (MSDS) for incoming orders of controlled products?

    (a) Supplier
    (b) Employer
    (c) Department of Labour
    (d) Joint Occupational Health and Safety Committee (JOHSC)

13. Training must enable the workers to understand procedures for:

    (a) Purchasing labels for controlled products
    (b) Ordering controlled products from the supplier
    (c) Proper filing of the Material Safety Data Sheet
    (d) Safe handling, use, storage and disposal of a controlled product
Match the WHMIS hazard symbol with the correct WHMIS class. Type or write the WHMIS classification letter on the line provided.

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>ANSWER</th>
<th>CLASS/DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>Oxidizer. These materials may make fires burn more vigorously and should not be stored with combustibles.</td>
<td>B Flammable and Combustible. These materials present a fire hazard.</td>
</tr>
<tr>
<td>D3</td>
<td>Poisonous and Infectious, Biohazardous Infectious. Examples include disease causing viruses and bacteria.</td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>Compressed Gas. Substance under pressure. May explode if improperly handled.</td>
<td></td>
</tr>
<tr>
<td>D1</td>
<td>Poisonous and Infectious, Immediate and Effects. These materials may cause short-term, or acute, irreversible damage to tissues, or an immediately life threatening injury.</td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>Corrosive. May causes serious burns to the skin, eyes and respiratory tract.</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>Dangerously Reactive. A violent reaction may occur if this material is heated or subject to shock.</td>
<td></td>
</tr>
<tr>
<td>D2</td>
<td>Poisonous and Infectious, Causing Other Toxic Effects. May cause chronic or long-term injury such as cancer or organ damage.</td>
<td></td>
</tr>
</tbody>
</table>

Revised: April 28, 2004
PERSONAL PROTECTIVE EQUIPMENT (PPE)

Identify each picture. Value = 2 points per picture. See W.I.S.H. Pocket Chart.
WHMIS SYMBOLS QUIZ

NAME: ___________________________ SITE: ___________________________
DEPT: ___________________________ DATE: ___________________________

Instructions: Draw a line from each class on the left side of the page to the correct symbol on the right side.

CLASS B - Flammable and Combustible Materials

CLASS A – Compressed Gas

CLASS D1 – Immediate and Serious Toxic Effects

CLASS C – Oxidizing Materials

CLASS D3 – Biohazardous Infectious Materials

CLASS D2 – Causing Other Toxic Effects

CLASS F – Dangerously Reactive Materials

CLASS E – Corrosive Materials

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WHMIS – PRODUCT SPECIFIC QUIZ

Instructions: Select a product that you use in your department, unit, facility. Ask staff to read and refer to the MSDS for the product you selected to answer the following questions.

Product: __________________________________________________________

1. I would wear the following personal protective equipment when handling this product:
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________

2. This product should be stored in the following manner:
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________

3. This product can enter the body by the following routes:
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________

4. First aid measures for splash or exposure to skin with this product are:
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________

5. This product is harmful and the effects of acute or chronic exposure are:
   _________________________________________________________________
   _________________________________________________________________
   _________________________________________________________________

6. The expiry date of this Material Safety Data Sheet (MSDS) is:
   _________________________________________________________________

Name: ____________________________________________________________
Dept: ______________________________________________________________
Date: ______________________________________________________________

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WHMIS QUIZ

Instructions: Place an X beside the correct answer. Select only one.

1. The WHMIS symbol of a flame inside a circle represents:
   ___Oxidizing Materials
   ___Dangerously Reactive Materials
   ___Flammable and Combustible Materials
   ___Poisonous and Infectious Materials – Causing Other Toxic Effects

2. A Material Safety Data Sheet (MSDS) is valid for:
   ___3 years
   ___5 years
   ___1 year
   ___2 years

3. WHMIS DOES NOT include one of the following groups:
   ___Oxidizing and poisonous/infectious materials
   ___Alcohol, Drugs and Tobacco
   ___Corrosive and dangerously reactive materials
   ___Compressed gas and flammable/combustible materials

4. The best way to protect yourself from hazards is:
   ___Wear gloves at all times
   ___Always wear a respirator
   ___Ensure that the workplace equipment matches the hazard
   ___Wear a wet suit

5. The purpose of WHMIS is to:
   ___Provide information about hazardous material
   ___To help identify hazards in the workplace
   ___To educate workers about hazardous materials so they can protect themselves
   ___All of the above

6. To report a safety concern you should first:
   ___Tell your supervisor or the person in charge
   ___Call the Department of Labour
   ___Contact the Joint Occupational Health and Safety Committee
   ___Call Occupation Health

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7. When you are working with a hazardous chemical, you should always:
   ___ Read the label
   ___ Check the Material Safety Data Sheet (MSDS)
   ___ Know the hazard
   ___ All of the above

8. Under WHMIS, hazardous materials are referred to as:
   ___ Prohibited products
   ___ Controlled products
   ___ Designated substances
   ___ Restricted products

9. WHMIS education must be reviewed by each staff member:
   ___ Every year
   ___ Only during orientation
   ___ Every three years
   ___ Every two years

10. Common ways that hazardous substances can enter the body:
    ___ Inhalation
    ___ Ingestion
    ___ Skin contact/absorption
    ___ Eye contact
    ___ All of the above

11. WHMIS is an important part of legislation because it:
    ___ Creates employment
    ___ Standardizes work procedures
    ___ Alerts people to hazards of materials used in the workplace
    ___ Regulates inventories

12. If you transfer hazardous material from one container to another container, you must:
    ___ Place the new container in a storage room below 20 degrees Celsius
    ___ Apply a workplace label on the new container
    ___ Notify the supplier
    ___ Remove the supplier label and attach to the new container

13. Hazardous material with an acute effect:
    ___ Will effect you on short-term exposure
    ___ May take years to develop a problem
    ___ Will not harm you at all
    ___ Will not effect you very much

14. Reactivity data is required on the following:
    ___ Supplier label
    ___ Material Safety Data Sheet (MSDS)
    ___ First Aid procedures
    ___ Product identifier

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WHMIS Word Search

Instructions: Find the words listed below and circle them in this word search.

MANAGE CIDENTIFIER A C ASEALXDANGEROUSSLY NLDESROLYCINCTEUL ULYSZREGTClOCEI FGACREDLIIWTNIBLCEN AHLQRTEHGEONAODPRD CRALFAKRMMDRERME TEEYOLPMEHDMGRVSYPR USHNDTAWCBAUTIBSFUXU RISKEXGALYMCLEREK EDOOHEMUFFOOTWEAR YGM RIGUTPSINHRMWNPHALA EXPERRTRHOMOHUMLTR AO TEDVEWESFDRTJTO C RG CHLOEBINTIURPCECW GO TRLHREDODABMHFACUTET IGGGLSHHNHDLEPVPVC VLBUTTCUDORPW HROSEI EXPLOSIVECALPKROWXP

Can you find these words?

Acute Fire Manufacturer
Apron First Aid MSDS
Canutec Flammable Oxidiser
Chronic Footwear Pictogram
Compressed Fumehood PPE
Cylinder Gas Product
Dangerously Gloves Reactive
Employee Goggles Risk
Expire Identifier WCB
Explosive Label WHMIS
Face Shield Manage Workplace

Revised: April 28, 2004
MSDS OF THE MONTH

PRODUCT: ________________________________
DATE: ________________________________
EMPLOYEE: ________________________________

1) The product is classified as:
   A) compressed gas
   B) flammable or combustible
   C) oxidizer
   D) toxic causing immediate serious effects
   E) corrosive
   D1) toxic causing immediate serious effects
   D2) toxic causing other effects
   D3) biohazardous infectious
   D4) dangerous reactive

2) This product is harmful by:
   a) inhalation
   b) skin absorption
   c) skin or eye contact
   d) ingestion

3) This product's toxic or suspected toxic effects include:
   A) irritant
   B) sensitizer
   C) carcinogen
   D) mutagen
   E) skin degreaser
   F) frostbite
   G) CNS depressant
   H) dermatitis
   I) asphyxiant
   J) narcotic
   K) other:

4) Preventive clothing and/or equipment include:
   A) lab coat
   B) latex gloves
   C) safety goggles
   D) face shield
   E) rubber apron
   F) fume hood
   G) nitrile gloves
   H) face mask
   I) other:

5) Storage recommendations include:
   A) cool, dry well ventilated area
   B) away from sources of ignition
   C) away from combustible material
   D) keep out of direct sunlight or heat
   E) refrigerate
   F) away from moisture or water
   G) freeze
   H) do not evaporate
   I) under inert gas such as nitrogen
   J) refrigerate in explosion proof fridge
   K) in corrosion resistant cabinet
   L) other:

6) Incompatible substances include:
   a) ________________________________
   b) ________________________________
   c) ________________________________
   d) ________________________________
   e) ________________________________
   f) ________________________________

7) If you accidentally splashed this product in your eyes or on your skin, you would:
   ___________________________________________________________
   ___________________________________________________________

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