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Benzene Competency Assessment

Date: _____ Dept: _____

Name: _____

How does benzene enter the body?

- a. **Inhalation**
- b. **Absorption through skin**
- c. **Ingestion**
- d. **All of the above**

What is a symptom of acute benzene exposure by inhalation?

- a. **Giddiness**
- b. **Hair loss**
- c. **Hyperactivity**
- d. **Increased blood pressure**

What should you do if you spill a small quantity of benzene in your work area?

- a. **Evacuate the area and call 911**
- b. **Clean up the spill with paper towel or an absorbent material**
- c. **Leave it to evaporate**
- d. **Use a hose and wash it down a floor drain**

Chemical fume hoods help protect you from exposure to benzene by:

- a. **Filtering the air**
- b. **Blowing fresh air into the lab to dilute the benzene**
- c. **Capturing and exhausting benzene vapors outdoors, preventing the accumulation of high exposures in the employee's breathing zone**
- d. **None of the above**

What is a symptom of acute benzene exposure through skin contact?

- a. **Dermatitis**
- b. **Nausea**
- c. **Breathlessness**
- d. **Freckles**

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All employees should seek and receive medical attention if:

- a. They use a material that is a substitute for benzene
- b. They seek a job that requires the use of benzene
- c. They plan to have children
- d. They develop signs or symptoms associated with exposure to benzene

What can you do to reduce your exposure to benzene?

- a. Wear appropriate personal protective equipment, such as gloves, and goggles
- b. Use a fume hood
- c. Substitute a less hazardous material
- d. All of the above

Long-term chronic overexposure to benzene may be associated with which diseases?

- a. Cancer
- b. Human immunodeficiency virus
- c. Tuberculosis
- d. All of the above

What is the OSHA action level for Benzene?

- a. 0.5 ppm
- b. 0.8 ppm
- c. 5 ppm
- d. 0.1 ppm

What is the label that should be put on containers containing more than 0.1%?

- a. Contains Benzene
- b. Contains Benzene, Stay Away
- c. Contains Benzene, Cancer Hazard
- d. No label required