

## Safety Awareness 2023

### March - Waste Quiz

- Hazardous chemicals must be collected by Environmental Health & Safety for proper disposal.
  - True
  - False
- Chemical waste containers must be labeled with the following:
  - All the chemical components
  - Start date of accumulation
  - Hazardous Waste
  - All of the above
- Stericycle biohazard boxes cannot exceed 45 lbs.
  - True
  - False
- Which of the following steps should be followed when a biohazard box is full?
  - Twist and tie the red biohazard bag in a single knot.
  - Tape across the top of the box.
  - Place a barcode label in the designated location on the box.
  - All of the above
- Which of the following is not true regarding autoclaving of solid biohazardous waste?
  - Biohazardous waste can be collected in a biohazard bag and autoclaved.
  - Autoclaves need to be validated monthly.
  - Autoclave validation must be documented.
  - Autoclaved waste is placed into a black trash bag for regular trash disposal.
- Which of the following must be picked up by EHS and disposed of as hazardous chemical waste?
  - Chemotherapeutic and cytotoxic drug waste
  - Liquid biohazardous waste
  - Non-broken, non-contaminated glass
  - Electronics
- A buffered solution containing dilute ethidium bromide (0.1µg/ml) can be disposed of in a laboratory sink with running water.
  - True
  - False
- Which of the following statements are true regarding radioactive waste?

- a. Appropriate PPE (gloves, lab coat, protective eyewear) must be worn while handling radioactive waste.
  - b. Radioactive waste should be separated out by radionuclide and waste stream.
  - c. Radiation dosimeters should be worn when handling high energy beta and gamma waste.
  - d. All of the above are true.
9. If a bottle of peroxide-forming chemical (eg. picric acid, ethers) has crystallization inside, you must keep the bottle closed and notify your PI and EHS immediately.
- a. True
  - b. False
10. If a chemical bottle is triple rinsed, which of the following statements would be true?
- a. Chemical containers can be reused for chemical waste.
  - b. Chemical containers need their labels crossed out or clearly marked "empty".
  - c. Chemical containers can be disposed of by housekeeping.
  - d. All of the above.
11. I am new to the lab and I noticed a mercury thermometer in the back of a drawer. What should I do?
- a. Throw away in regular trash
  - b. Place into biohazard box
  - c. Contact [ehs@slu.edu](mailto:ehs@slu.edu) to exchange for an alcohol thermometer
  - d. Nothing
12. What is the proper method to dispose of liquid biohazardous waste?
- a. Disposing contaminated waste down the drain
  - b. Pouring waste into a biohazard box
  - c. Submitting a chemical waste removal request
  - d. Decontaminate using 10% final bleach concentration (or other IBC-approved disinfectant) and disposing down the drain
13. Which of the following E-Waste and Universal Waste items are submitted to Facilities Services for disposal?
- a. Alkaline batteries (e.g., AAA, AA, C, D and 9-volt)
  - b. Computer monitors
  - c. Fluorescent light bulbs
  - d. Incandescent/traditional light bulbs
  - e. Both b and c
  - f. All of the above
14. Who is responsible for picking up broken glass disposal boxes for disposal in regular trash dumpsters?
- a. EHS

- b. PI
- c. Housekeeping staff
- d. All of the Above