**CNS Safety Quiz**

Name:

Date:

1. When reading safety data sheets both the NFPA diamond hazard warning system and the Globally Harmonized Standard (GHS) hazard ratings are present, what is the difference between the two systems numerically speaking? The Diamond reads like Hurricanes ratings and GHS is the opposite.

1. What cell phone network provider is the only one that works in the basement and ground floors of the LISE building? Verizon
2. You just splashed an unknown solvent on your wrist and it starts to irritate your skin what are 4 things you need to do immediately? Remove contaminates, rinse for 15 minutes, call 5-5560, set medical attention for affected area
3. What 5-digit emergency number do you call from any LISE building landline phone to report a chemical related incident? 5-5560
4. If you want to put the emergency number into your cell phone what is the full number?   
   9-1-617-495-5560
5. What color toxic gas strobe will alarm if a toxic gas leak is detected in an exhausted enclosure?  
   amber
6. What color toxic gas strobe will alarm if a toxic gas leak is detected in the ambient space (researcher breathing zones)? blue
7. What must you do if you see an amber toxic gas strobe in alarm?

Leave immediate area

1. Where must you meet outside if you see a blue toxic gas strobe or a fire alarm? In front of Pierce hall
2. What percent of body surface area (exposed skin) can be considered lethal if exposed to hydrofluoric acid? 2.5
3. If you get hydrofluoric acid on your skin you will feel pain immediately? No
4. What are the 5 steps you need to take immediately if exposed to hydrofluoric acid? Buddy calls 5-5560, remove PPE, flush for a few minutes, apply colgonate, seek medical treatment
5. Someone spills a hazardous chemical on the floor in the LISE CNS labs what are the top 3 things you need to do?Inform others, Evacuate, call 5-5560
6. You are working with **25%** tetramethyl ammonium hydroxide (TMAH) and 7% of your skin surface has been exposed could this be a lethal dose? Yes
7. You want to bring in a chemical or sample that could generate vapors, fumes, dust or aerosols into CNS what should you do? Material request form
8. When working at the acid bench in the clean room what is the required minimum PPE? Double gloves (yellow), acid apron, glasses, face shield

1. When working at a NON-Acid Wet Bench what color gloves must be worn over the white nitrile gloves? Blue
2. Depending on the type of research you are doing, what three Harvard Training Portal Environmental Health & Safety trainings might you have to take?
3. When working with nanomaterials and there is a potential for the generation of dust or aerosols where must this type of work be done? X-ray, biological, laser

1. What color is the strobe that indicates an oxygen deficiency? White
2. What is the highest hazard concern when working with liquid nitrogen? Nitrogen displaces the Oxygen in the area

1. What are the four minimum PPE requirements when pouring liquid nitrogen?

Closed shoes, long pants, face shield, cryo gloves.