

Possible Hazards and Chemicals Biology 200/202

This list of substances represents the possible hazards currently identified for this course; however, substitutions or additions are possible. Do not assume a substance is safe if it is not listed. You will be notified of changes as soon as they are available. If you are aware of any known allergies or sensitivities to chemicals, please let your professor know prior to the first lab class.

Chemicals:

- Methylene Blue Solution
- Iodine-Potassium Iodide Solution
- 10% Bleach Solution
- Monk Wipes
- 70% Isopropyl Alcohol
- 3 % Hydrogen Peroxide
- Bromothymol blue
- Calcium Hydroxide (saturated)

Household Items:

- Table salt
- Yeast
- Yogurt suspension
- Fruit juice (apple or grape)
- Olive oil
- Vegetable oil
- Correction fluid (white out)
- Flour
- Cornstarch
- Table sugar
- Baking soda
- Sand
- Milk
- Ketchup

- Diet soda
- Dried oatmeal

Biological Specimens:

- Live Protists
- Crickets
- Elodea (waterweed)
- Dogfish shark (preserved in Carolina Perfect Solution)
- Perch or other bony fish (preserved in Carolina Perfect Solution)
- Sea stars (preserved in Carolina Perfect Solution)
- Various plant species
- Various animal specimens in 70% isopropyl alcohol

Note: Biology 202 contains a field component of the course that changes based on weather conditions and availability.