

Possible Hazards and Chemicals Biology 100

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:

- Albumin
- Iodine Potassium Iodine Reagent
- Benedicts Reagent
- Biuret Reagent
- Sudan IV
- Glucose Solution (1%, 2%)
- 1% sucrose
- Preserved specimens in isopropanol
- Preserved specimens in Carolina Perfect Solution
- 70% Isopropanol
- Hydrogen peroxide 3%
- pH 3 buffer
- pH 14 buffer
- Bromothymol Blue
- Methylene Blue
- Phenol Red
- Lime water (CaOH)
- Bleach solution
- Methylene Blue
- Salt Solutions (2%, 15%, 35%)
- Synthetic Blood
- Synthetic Antisera

- Sugar
- Spinach

Biological Specimens:

- Various plant species
- Live mixed Protists
- Elodea (waterweed)
- Crickets

Household Items:

- Onion
- Vegetable oil
- Starch (potato & corn)
- Milk
- Olive oil
- Bread
- Honey
- Salt
- Yeast
- Yogurt suspension
- Potato