

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.

Iodine Regent	Potato
Benedicts Reagent	Denatured alcohol
Biuret Reagent	20% sucrose solution
Sudan IV	40% sucrose solution
3% glucose	Hydrogen peroxide 3%
1% sucrose	2% glucose
Onion Juice	pH 3 buffer
Potato Juice	pH 7 buffer
Egg White	pH 10 buffer
Vegetable oil	pH 14 buffer
Starch	Bromothymol Blue
Milk	Methylene blue
Olive oil	Lime water
Bread	Sugar
Honey	Chromatography solvent (92% petroleum ether, 8% acetone)
Table salt	Phenol Red
Yeast	DNA Extraction Solution (2g NaCl, 10 ml liquid detergent, d H ₂ O)
Yogurt suspension	Isopropanol
Methylene Blue	Preserved specimens in alcohol
Iodine solution	
Bleach solution	