

Possible Hazards and Chemicals Biology 101

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	2% glucose
Benedicts Reagent	pH 3 buffer
Biuret Reagent	pH 7 buffer
Sudan IV	pH 10 buffer
3% glucose	pH 14 buffer
1% sucrose	Bromothymol blue
Onion Juice	Yeast suspension
Potato Juice	Lime water
Egg White	Sugar
Vegetable oil	Chromatography solvent (92% petroleum ether, 8% acetone)
Starch	Phenol Red
Milk	Isopropanol
Olive oil	Preserved specimens in alcohol
Bread	TAE Buffer
Honey	Agarose
Table salt	DNA Samples
Yeast	LB Broth
Yogurt suspension	LB Agar
Methylene Blue	Calcium Chloride
Bleach solution	Escherichia coli
Monk Wipes	Ampicillin
Potato	Plasmid DNA solution
20% sucrose solution	Gel Green
40% sucrose solution	
Hydrogen peroxide 3%	

