

Biology 105 Possible Hazards and Chemicals

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.

Lemon juice	Paramecium
Milk of Magnesia	Volvox
White Vinegar	Bleach
Apple juice	Methylene blue
Cola Beverage	Aquarium water
Sodium Bicarbonate Solution	Onion
Benedicts Reagent	Potato
Biuret Reagent	Salt
Iodine Solution	20% sucrose
Sudan IV	40% sucrose
3% glucose	Artificial Blood Typing Kits
1% sucrose	Alcohol wipes
Potato Juice (starch)	Preserved human heart
Egg White (albumin)	Preserved cow heart
Corn starch	Preserved human brain
Vegetable oil	Preserved sheep brain
Stentor	Taste papers: Control, PTC, thiourea, Sodium benzoate
Amoeba	
Euglena	Preserved Organ in Nasco Guard (Humectant Fluid – 25% Propylene Glycol)