# Known Possible Hazards for BIOL 215 Microbiology

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.

Goggles, lab coats, and gloves are worn during all labs. Sterile technique is utilized during every lab procedure.

## Organisms:

*Alcaligenes faecalis*

*Bacillus cereus*

*Enterobacter aerogenes*

*Enterococcus faecalis*

*Escherichia coli*

*Escherichia coli B.*

*Klebsiella pneumonia*

*Micrococcus luteus*

*Proteus vulgaris*

*Pseudomonas aeruginosa*

*Serratia marcescens*

*Staphylococcus aureus*

*Staphylococcus epidermidis*

*Streptococcus sanguinis*

*Streptococcus pyogenes*

Mixed protists in pond water

## Reagents / Media:

Trypticase Soy Broth

Trypticase Soy Agar

MacConkey Agar

Sodium Chloride

Denatured Ethyl Alcohol

Crystal Violet Stain

Nigrosin Stain

Gram's Iodine

Safranin Stain

Skim Milk Broth

Copper Sulfate 20% Solution

Immersion Oil

Malachite Green Stain

Starch Agar

Skim Milk Agar

Phenol Red Lactose Broth

Phenol Red Maltose Broth

SIM Medium

Kovac's Reagent

Hydrogen Peroxide 3%

$T_4$ Coliphage

Enterotube II (Gram negative ID system)

Sheep Blood Agar

Mannitol Salt Agar

DNase Agar

Hydrochloric Acid

Rapid Strep Test

Meuller-Hinton Agar

Oxidase Swabs

Nutrient Gelatin Media

Motility Media

Baking Soda

pH Indicator

## Antibiotic Testing Discs

Amoxicillin/Clavulanic Acid

Azithromycin

Cephalothin

Ciprofloxacin

Clindamycin

Gentamicin

Penicillin

Polymyxin B

Sulfamethoxazole/Trimethoprim

Tetracycline

Updated 01/26 sp