

Safety:

Your goggles must be on your eyes at all times in the lab!

During this lab you will work with strong acids, strong bases, glass ware, Bunsen burners, and hot water. Some of the reactions in this lab will produce considerable heat (exothermic), enough to boil the water. Glassware will be hot and it will look the same as cold glassware. Please use caution and follow all of the directions.

In this lab you will also be working with solutions that contain copper. Copper **CANNOT** go down the sink, into the pipes, and on to the Boise River! Please do not put **any** solutions down the sink during this lab. As chemists, it is important to do our part in protecting the environment. Please use a waste beaker.

Strong bases and strong acids will damage your skin, eyes, and clothing and it may or may not be noticed immediately. If you think you have spilled an acid, pour baking soda over the area (this includes your clothes and skin). If you think you have spilled a base, pour vinegar over the area (this includes your clothes and skin). If ANYTHING gets in your eyes, head to the eye wash station immediately and **MAKE LOTS OF NOISE** on your way!

Failure to adhere to **ANY** of the directions, which includes safety, lab procedures and lab cleanup will result in a week of lunch detention.

Please acknowledge these safety guidelines by signing this paper.

(printed name)

date _____

(signature)