# Read Me First! Safety information.

A complete set of safety data sheets and documentation for the chemicals included in the kits are on the USB flash drive that came with the Science Sunday registration, in the “\Reagent Kits\Safety Data Sheets” directory. The most up to date version of these documents can also be found online here:

<http://wpamushroomclub.org/reagent-kits/>

Most of the chemicals and stains are quite safe. Obviously you should not drink the liquids or put them in your eyes. Keep them away from children. Some of the microscope stains will stain your skin, clothing, kitchen counter tops etc. For this reason we recommend wearing latex of nitrile gloves whenever you use any of the reagents. You can easily purchase these gloves from Amazon and other online suppliers. We also recommend protecting the counter top where you work and wearing “rough” clothes that you are not worried about staining.

Two of the chemicals in the Chemical field test kit are concentrated acids, blue bottles, and need to be handled with particular care. See the separate safety sheet for these acids. Perform tests with these acids in a well ventilated area.

Over time the chemicals in the bottles may corrode or denature the rubber bulbs of the droppers. Take care when you use the kits and make sure this has not happened. If the rubber has deteriorated you will need to replace the dropper or whole bottle. The club may have some reserves or you can purchase 1oz bottles on Amazon.