## 16/MHS06/059

- 1. **GRADUATED CYLINDERS, BEACKERS, ERLENMEYER FLASKS, BURETS AND PIPETTES;** that were only used to dispense or store reagents, generally only need to be triple rinsed with a compatible solvent followed by tap water and then rinse with distilled water. If desired air dry in a drying rack, in some cases you may be more thorough.
- 2. **BUCHNER FUNNEL**; It should be rinsed with an appropriate solvent to remove substance that are clinging to them followed by tap water and distilled water for rinsing and then air dry.
- 3. **CUVETTES**; Generally you only need to rinse it in the appropriate solvent and wipe the outside with a Kim wipe immediately after use. If something has adhered itself to the cuvette, it is best to soak the cuvette in a solvent first and then gently coax the solid of the cuvette with a cotton swab (never use a brush on a cuvette) if this fails an acidic cleaning solution like acidic peroxide solution, chromic acid, can be used but not hydrofluoric acid. It is not recommend that base bath should be used on cuvettes, because it tends to etch glass surfaces.
- 4. **FRITTED FUNNEL**; they are generally cleaned by inverting and allowing the solvent to flow by gravity through the frit in reserve. Solvents can also be filled through the frit under vacuum, recalcitrant gunk can usually be removed by soaking in acid followed by copious rinsing with water under vacuum. Hydrofluoric acid and base bath etch glass and therefore should not be used on the fritted funnel. (A brief exposure of base bath is not fatal to the fritted funnel but prolonged soaking should be avoided).