

Resources for assisting in developing SOPs

December 2016

A. Identifying hazards:

- 1- <http://cenm.ag/hazard>
- 2- What is a hazardous chemical/hazardous waste?
 - Chemicals: <http://www.esf.edu/ehs/lsg/ch.htm>
 - Hazardous waste: <http://www.esf.edu/ehs/LabWasteMgmt.pdf>
 - <https://www.osha.gov/SLTC/hazardoustoxicsubstances/index.html>

B. MSDS “Wear appropriate” PPE:

- 1- Eye safety protection...
 - When working with hazardous liquid chemicals;
 - Undergraduates MUST wear indirect-vented goggles (by law).
 - Graduates should model this safety practice. If assigned as a TA or GA, they must wear indirect-vented goggles.
 - Goggles should be worn when working with other potentially hazardous operations such as with pressure vessels unless additional safety shields are in place. (See Identifying hazards resource A.1.)
 - For all other laboratory work;
 - Undergraduates and graduates must wear safety glasses.
- 2- Hand safety protection...
 - What is ‘appropriate’ glove protection?
 - [http://pub.extranet.fsu.edu/sites/safety/safetywiki/Wiki Pages/OSHA Glove Selection Chart.aspx](http://pub.extranet.fsu.edu/sites/safety/safetywiki/Wiki%20Pages/OSHA%20Glove%20Selection%20Chart.aspx)
 - <http://www.allsafetyproducts.com/asp-glove-selection-chart-chemical-break-through-times.html>

C. SOP templates and examples:

- 1- <http://www.safety.duke.edu/laboratory-safety/chemical-hygiene/chemical-sops>
- 2- <http://www.bizmanualz.com/blog/how-to-create-a-standard-operating-procedure-template.html>
- 3- www.epa.gov/quality/qs-docs/g6-final.pdf