

USEFUL SAFETY LINKS

EHS Main Page: <http://www1.udel.edu/ehs/> (Check the tabs at the top of EHS homepage for a comprehensive list of safety topics)

CBE Business Resources: <http://cbe.udel.edu/biz/>

BIORAF (Training, Lab Inspections): <https://delaware.bioraft.com/>

ChemInventory <https://udel.cheminventory.net/>

UD ChemInventory Tutorial: <https://www.youtube.com/watch?v=ThkDPOa4TaY&feature=youtu.be>

ChemInventory Barcodes: https://udapps.nss.udel.edu/webforms/embtform?wf_id=291&wf_ty=blank

UD Chemical Hygiene Plan: <http://www1.udel.edu/ehs/training/downloads/chemhygieneplan.pdf>

Safety Data Sheets: EHS Page < Chemwatch/SDS link <https://jr.chemwatch.net/chemwatch.web/home>

RISK HAZARD Evaluation:

Job Hazard Analysis: <http://www1.udel.edu/ehs/forms/downloads/JHAInstructions.pdf>

ACS What-IF Resource:

<https://www.acs.org/content/acs/en/about/governance/committees/chemicalsafety/hazard-assessment/ways-to-conduct-hazard-assessment/what-if-analysis.html>

StonyBrook: <https://ehs.stonybrook.edu/hazard-reviewsrisk-assessment>

ACS Video: <http://dchas.org/2018/06/11/dchas-lab-risk-assessment-video-available/>

SOP (Standard Operating Procedures) Templates: <http://www1.udel.edu/ehs/research/chemical/lab-operations.html>

****Always check chemicals SDS for the following chemical criteria highlighted in bold**

Standard Operating Procedure/Approval Form for **Carcinogenic Materials**

Standard Operating Procedure/Approval Form for **Highly Toxic Materials**

Standard Operating Procedure/Approval Form for **Reproductive Toxins**

Standard Operating Procedure/Approval Form for **DEA listed chemicals (LIST I CHEMICALS)**

https://www.deadiversion.usdoj.gov/21cfr/cfr/1310/1310_02.htm

Standard Operating Procedure/Approval Form for **Hydrofluoric Acid**

Standard Operating Procedure for **Pyrophoric Materials**

Standard Operating Procedure for Pressure and Vacuum Processes and Equipment

Generic Laboratory Process Standard Operating Procedure

Contact Yamy Gonzalez for copies of prior SOP completed in the Dept that could be a better template for your research especially for generic laboratory process.

Employee Injury and Illness: <http://www1.udel.edu/ehs/generalhs/indhygiene/injury-reporting.html>

****Talk to PI or Safety Manager immediately if you suspect exposure****

Lab Hazard Checklist (for lab door sign): <http://www1.udel.edu/ehs/forms/downloads/labhazardcheck.pdf>

Lab Safety Leader Guide <https://www1.udel.edu/ehs/research/downloads/lab-safety-compliance-leader-guide.pdf>

Ordering Compressed Cylinders: Keen Gas Tom Bruno: tbruno@keengas.com

Liquid N2: Keen Gas or check with Lab Manager for use of N2(I) DuPont Hall

Glove Compatibility Charts (always check SDS for glove recommendation). Some charts listed below:

Glove degradation and breakthrough time are important factors to avoid exposure to chemical. During Job Hazard Analysis evaluate intended use of glove, dexterity needed, chemical hazards, and risk to ensure you have chosen the correct type of glove (s):

Ansell: https://www.ansellpro.com/download/Ansell_7thEditionChemicalResistanceGuide.pdf

North: https://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Gloves/19327356773/1033.aspx

Chemical or Biological Waste Pick Up: EHS Page < Forms <http://www1.udel.edu/ehs/forms/formspage.html>

(scroll down to the bottom of the page). Links are also on EHS Main Page.

Chemical Spill Kit <http://www1.udel.edu/ehs/waste/chemical-spill-kit.html>

First Aid Kit: <http://www1.udel.edu/ehs/safetycomm/first-aid-kit.html>

Transportation and Shipment of Chemicals: <http://www1.udel.edu/ehs/research/chemical/hazmat-transport.html>

Internal Chemical Transfer Form: <https://udapps.nss.udel.edu/casforms/ehs/ehs-chemtransfer/index.jsp>

Recycling Guidelines: <http://dswa.com/residential-recycling-guidelines/>

UD Ergonomic Program: <http://www1.udel.edu/ehs/generalhs/indhygiene/ergonomics.html>

Stretching Poster: http://www.barbre-ergonomics.com/files/stretching_poster_12-2009.pdf

EmPOWER: <https://sites.udel.edu/che-empower/>