The Ohio State University Chemistry and Biochemistry Joint Safety Team

March Meeting



Heating Mantles



- Remove all flammable materials, like solvents, from hood where reaction is being performed
- Examine glassware for cracks and chips
- Match the size of the heating mantle to the size of the flask
- Monitor your reaction closely! Do not leave high temp reactions (>100°C) unattended
- Cool reaction before introducing additional reagents



New PPE Policy (Lab Coat Policy)

- Policy sets minimum requirements for doing chemistry in the department
 - Individual labs must either meet or exceed this policy based on the hazards present at that time.
- Protective eye wear must be worn at all times in the lab.
 - In short, if you are in a lab where chemicals are present you must be wearing your glasses.
 - Whether you're at the bench or just passing through they must be on.
- Lab coats must be worn at all times in the lab.
 - The few exceptions to this point will handled on a case-by-case basis.

New PPE Policy (Lab Coat Policy)

- The lab coats provided are 35% cotton and are the minimum cotton percentage allowed under the policy.
- If pyrophoric materials are being handled you must be wearing a flame resistant coat which can be obtained from John Herrington's office.
- The policy now says explicitly that no sandals (open toed shoes) or shorts are allowed in the labs.

Lab Coat Program

- In the next two weeks you will receive an email with instructions for pick up and your labs appointed pick up time.
 - The program will be run through the Chemical Stores in Celeste Lab.
- Everyone will have a lab coat that they are expected to wear in the lab at all times.
- If the lab coat gets dirty or you would like to have it laundered you may drop off your used coat at Chemical Stores and pick up a clean one.



Chemical Hygiene





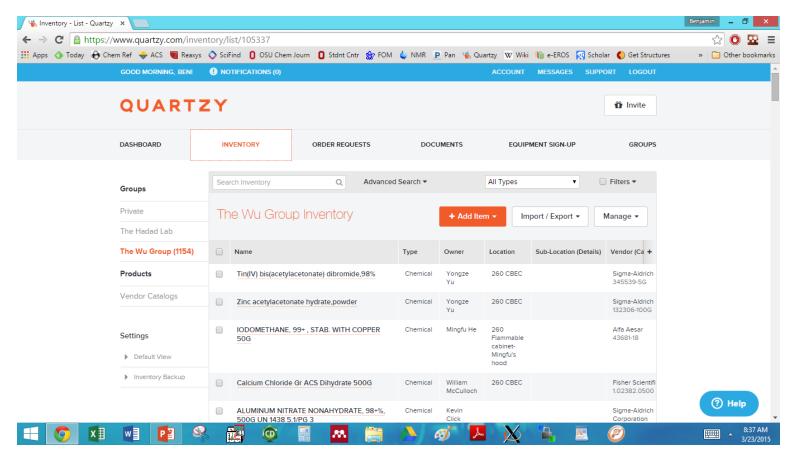


- Food and drink allowed in halls, office, and kitchenette.
 Under no conditions should food or drink ever be in the lab
- Gloves should not be worn in hall or elevators.
 Exception gloved hand for transporting chemicals or chemical laden material. In this case please try to use the freight elevator.
- 3. Safety glasses must be on when in lab spaces.
 No exceptions, this is now a departmental policy

Inventory

Quartzy.com

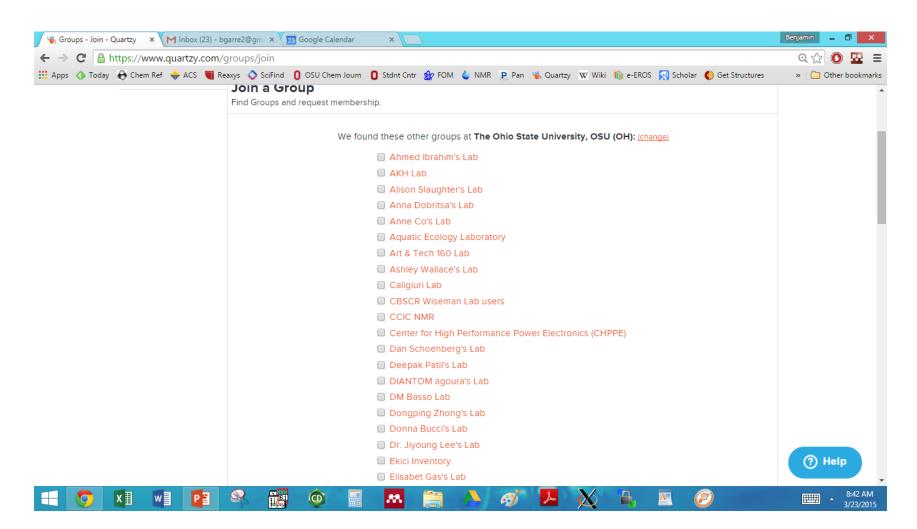
- Will upload current inventory for free
 - All you have to do is send them an excel or whatever file you use, and they will upload it for you



Inventory

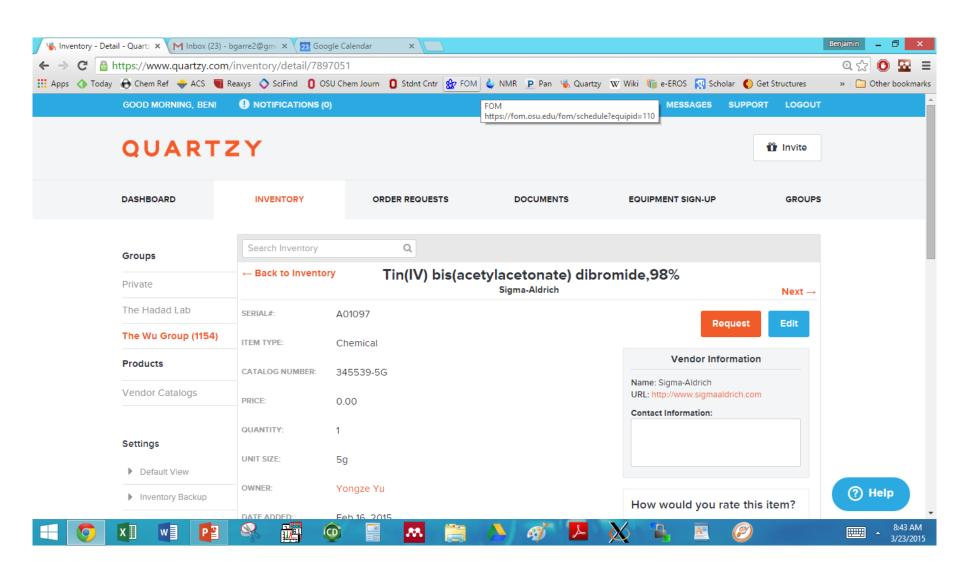
Quartzy.com

 Allows you to easily share with other groups at OSU – (if you want to)



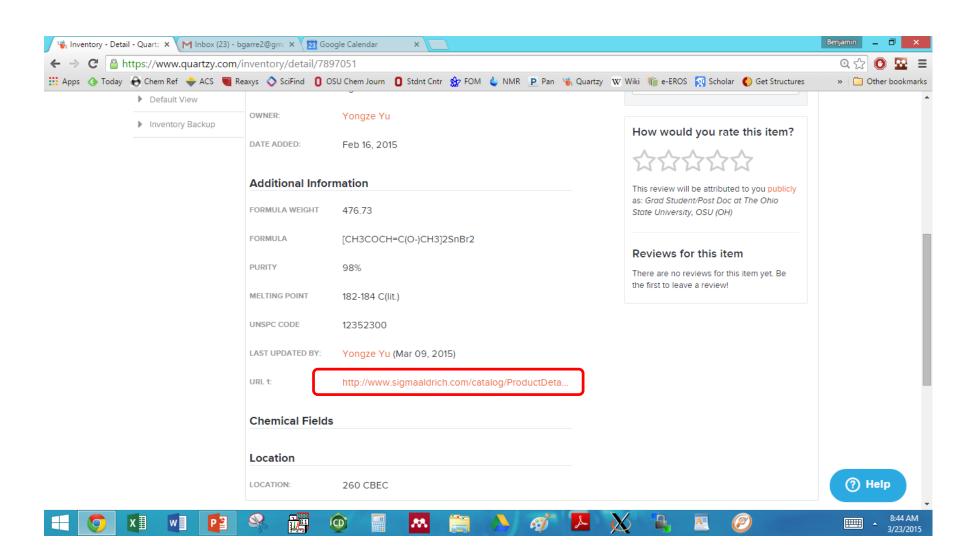
Inventory - MSDS

Click on chemical



Inventory - MSDS

Click on link to vendors website



Reminders of LSO Responsibilities

Disseminating information to your lab mates

- Keep your CHP up to date
 - Review and update at least once a year
- Enforce all PPE policies
 - Gloves
 - Safety glasses
 - Lab coats
 - If there are problems, discuss with your PI

Reminders of LSO Responsibilities

- Training of new LSOs
 - Work with PI to appoint new LSO
 - Mentor new LSO for at least two months
- New LSOs need to:
 - Read and understand JST guidebook
 - Work with former LSO to gain full understanding of all responsibilities
 - Email JST with the following:
 - Your name, email, phone #, office building and number
 - Name of previous LSO
 - Name of PI

Questions?

Comments?