

Assignment Title: Signs of Chemical Change Pre-laboratory Prep

Purpose: We will view a demonstration involving several chemicals tomorrow. In order for us to be safe, you will be looking up the hazards associated with the chemicals.

Please note: This lab is a demonstration. Mrs. Cronin will be handling all the chemicals.

What you need: A Chromebook, a sheet of paper, and a pen or pencil (wait for Mrs. Cronin to let you know when you could grab a Chromebook)

The chemicals you're responsible for in this assignment (3 points per chemical):

- a. Calcium Chloride (CaCl_2)*
- b. Sodium Hydroxide (NaOH)
- c. Copper Sulfate (CuSO_4)
- d. Phenolphthalein

** Please note: all numbers in a formula (see above) should be subscripts...I'm just having trouble doing that in Google docs!*

Requirements:

- Google the terms "MSDS" plus the name of the chemical (example: MSDS Calcium Chloride).
 - The search engine will pull MSDS from several manufacturers. It doesn't matter which manufacturer you choose. (Do NOT use Wikipedia)
- **For each chemical you need to do 4 things:**
 - a. **Write out the name clearly.**
 - b. **Brief description of its appearance at room temperature (example: "appearance: white powder")**
 - c. **Potential health effects to eyes, skin, inhalation (*breathing it in*) and ingestion (*eating it*) - Summary is sufficient. Don't write a novel.**
 - d. **First aid measures. Summary is sufficient. Don't write a novel.**
- You may work alone or with 1 partner

Other info:

- Make sure I can read your writing.
- **NO; you may NOT copy and paste MSDS information. It has to be your own work.**
- Yes; you may summarize
- Yes; you can write in bullet points.

- If you do not finish in class, finish as homework and bring with you on Friday to the lab. (use your class time wisely please!)
- How to turn in: You will staple this to the back of your lab sheet tomorrow (Friday) and turn in.
- Your safety goggles stay on the entire time we are in the lab tomorrow, or you will be asked to leave and will miss out on participation.