**Label Reading Treasure Hunt**

**Instructions:** Each lab group is assigned the chemical 3 which matches their lab group #. Be very careful when handling chemicals. Make sure not to open or drop them. Hold each bottle with 2 hands at all times. Work together and be respectful of other groups that may be working in the same cabinet. Once you have completed your findings, we will share as a class.

***Chemical 1:***

* I can be found in the cabinet used to store items that can catch fire.
* My chemical formula is (CH3CO)2O
* My target organs are eyes, skin, respiratory system, teeth, blood, liver, kidney and gastrointestinal tract.
* My storage code is red.
* My NFPA label reads as follows: yellow 1, blue 3, red 2
* What chemical am I? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Chemical 2:***

* I can be found in the cabinet used to store corrosives.
* My chemical formula is Fe(NO3)3(9H2O)
* My warning states that I am a strong oxidizer.
* My storage code is yellow.
* My NFPA label reads as follows: yellow 2, blue 2, red 1
* What chemical am I? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Chemical 3:***

* I can be found in the reagent cabinet where nonflammable and non-corrosives are stored.
* You utilized me in Exploratory to make cheese.
* I am not DOT regulated.
* My storage code is gray.
* My NFPA label reads as follows: yellow 0, blue 2, red 0
* What chemical am I? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Chemical 4:***

* I can be found in the cabinet used to store items that can catch fire.
* My chemical formula is C2H6OS
* My warning states that I am a combustible liquid.
* My warning also states that I can readily penetrate the skin and should always use PPE.
* My formula weight (F.W.) is 78.13
* What chemical am I? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Chemical 5:***

* I can be found in the cabinet used to store corrosives.
* My chemical formula is ZnCl2
* My warning states that I can cause burns by exposure.
* My storage code is white.
* My NFPA label reads as follows: yellow 1, blue 3, red 1
* What chemical am I? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Chemical 6:***

* I can be found in the reagent cabinet where nonflammable and non-corrosives are stored.
* I am in a clear container and I am blue.
* I am not DOT regulated.
* My storage code is gray.
* My NFPA label reads as follows: yellow 0, blue 1, red 0
* What chemical am I? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_