

CHEMISTRY 178L Safety Assignment

“Equilibrium”

On a separate sheet of paper with your name, lab section #, and TA name, answer the following question and turn it in at the beginning of the laboratory period for this experiment.

In this experiment, you will be working with organic solvents and acidic aqueous solutions. Look up the Material Safety Data Sheets (They can be accessed from the alphabetical links on the left column of <http://avogadro.chem.iastate.edu/MSDS/>) for two of the chemicals listed below and identify the following:

- (a) Potential acute health effects,
- (b) First aid measures upon exposure,
- (c) Personal protective equipment needed,
- (d) Values for density, freezing point and viscosity.

You must choose two of the following:

- (1) Glacial acetic acid,
- (2) Toluene,
- (3) n-Butyric acid.