

Chemical Engineering 5310  
Laboratory Safety  
Fall Semester, 2004

**Homework Assignment #1**

(For return at the beginning of class, November 11)

A laboratory inventories the following chemicals: vinyl chloride, methyl ethyl ketone (MEK), ethylene oxide (EO), styrene, and cyclohexane. Locate MSDS sheets for these chemicals (you can use the web!) and summarize the major hazards associated with these chemicals.

Go to [www.dancrowl.com](http://www.dancrowl.com) and click on the **Downloads** tab. Scroll down the web page and download the Job Safety Assessment form. Fill in the JSA form on the “Chemical Information Page” using the information from your MSDS sheets. Make sure that you tell Word to form protect your document prior to filling it in. This is done through the Tools menu at the top of the screen. This will insure that you can only type in the fields shown.

Submit your completed Chemical Information Page and copies of your MSDS sheets with your work.