

Name _____ Department _____

Chemistry 685
Chemical Incompatibilities and Storage

Tuesday, January 30, 2001

- 1) Storing chemicals in a fume hood demonstrates poor laboratory technique. Give two (2) reasons why this practice is not efficient.

- 2) EXPLAIN at least one advantage of ordering smaller amounts of reagent chemicals?

- 3) Why is it necessary to date chemicals such as **Isopropyl Ether**, **Potassium metal**, or **THF** (Tetrahydrofuran) as it comes into the laboratory?

- 4) Explain the potential hazards in storing:
 - a) Acids with bases

 - b) Picric acid (trinitrophenol) for long periods

 - c) Chemicals by alphabet