

Pre-Lab Questions, First Week
Inorganic Chemistry (CH258), Spring 2004

**Preparation and Spectral Analysis
of a Series of Ammine Complexes of Cobalt(III)**

1. Draw a representation that shows the bonding, three-dimensional structure, and charge of each of the two cobalt(III) complexes that you will prepare this week.

3. What is the major hazard associated with this set of experiments?