

Pre-Lab Questions, First Week
Inorganic Chemistry (CH258), Spring 2001

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.

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