FLINN SCIENTIFIC

Name_____

Demonstration Worksheet

Discussion Questions

1. Describe what happened in this demonstration.

2. Write a balanced chemical equation for the combustion of isopropyl alcohol.

3. Calculate the volume of water you would expect to be produced by this reaction using the equation above. Remember, 20 mL of isopropyl alcohol with a density of 0.78 g/mL were used.

4. Why does this reaction occur faster when the alcohol is in the vapor phase rather than the liquid phase?