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Safe Swimming with Sodium Demonstration Worksheet

Discussion Questions

1. Draw the setup for this demonstration.

2. Describe what happened in the demonstration.

3. Why does the sodium metal sit at the interface between the oil and the water?

4. Why does the sodium metal suddenly "jump up" from the interface?

5. Why does the layer of water eventually turn pink?

6. Write the balanced chemical equation for the reaction of sodium with water.

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