

Prep Instructions

The following items will be required for the prep of this activity:

per group:

- 2 clamp stands
- 4 test tubes (30 mL)
- 2 graduated cylinders (10 mL)
- 20 mL graduated cylinder
- 2 large beakers
- test tube stand
- 3 test tube clamps
- thermometer
- thermometer clamp
- grease pencil
- balance
- hot plate

per class:

- crushed ice
- water
- sulfuric acid
- anhydrous isopropanol
- zinc acetate dihydrate
- sodium hydroxide pellets
- UV lamp
- safety gear

Step 1

Before class begins, place the “per group” items at each lab station.

Step 2

Break the sodium hydroxide pellets into smaller pieces.

Step 3

Place the “per class” items on a communal table.