

## Activity 3 Overview

The students will learn the names of different ions and how these ions combine in order to form ionic compounds. They will also learn how to write the correct formula and how to name ionic compounds.

### Safety Requirements

In the margins of the student pages you will find safety warnings that should be rigorously followed.

- Goggles
- Aprons

## Preparation and Materials Needed

### Preparation

Gather all material before the investigation.

### Materials/Chemicals needed

For each lab group

- Packet of Alka-Seltzer® tablets
- Baking soda
- Baking powder
- Balance (class)
- 50 mL graduated cylinder
- 9 test tubes
- Test-tube rack
- Vinegar
- Ammonia
- Wood splints
- Hot plate
- 250 mL beaker