

Antacid Demonstration

Objective:

Demonstrate the chemical reaction that occurs when an antacid tablet is dissolved in water.

Materials:

- (1) antacid tablet
- (1) 35 mm plastic film canister
- water



SAFETY

Students and instructors should wear safety goggles. After combining the antacid tablet and water, stand away from the canister until the reaction has concluded.

Procedure:

1. Fill the film canister halfway with water.
2. Place an antacid tablet into the water, quickly secure the lid, and place the closed canister on a flat surface.
3. Step away, and wait for the chemical reaction to pop off the canister's lid.