



## Flubber

### Safety Overview

This chemistry experiment is meant for at least Grade K-3 (age 5-7) under adult supervision only. The experiment is **not edible** - not to be fed to your pet or baby brother. Not good for carpets or furniture. Can be kept almost indefinitely while refrigerated in a ziploc bag. Not a bad idea to wash hands before (so it doesn't grow mold) and after (so mom will let you eat dinner) playing with it.

### Ingredients

½ tsp Borax (laundry detergent aisle at supermarket)  
¼ cup white glue  
    water  
    food coloring (optional)  
    ziploc bag

### Instructions

Mix 1 tsp. Borax with ½ cup of water. Stir until completely dissolved.

Mix ¼ cup of glue with ½ cup of water. Mix thoroughly.

In the ziploc bag, combine the Borax solution with the white glue solution. Add a couple of drops of food colouring. Seal the bag and knead the mixture.

Dig in and have fun. Remember to wash your hands before and after playing.

### How Does it Work?

The Borax acts as a cross linking agent or "connector" for the glue (polyvinyl acetate) molecules. Once the glue molecules join together to form even larger molecules called polymers, you get a thickened gel very similar to slime. If you've tried this recipe (formula) before using blue starch (instead of the borax) with mixed results, you won't be disappointed with this one. Works every time! If you have access to a chemical supply house, try a 4% solution of polyvinyl alcohol instead of the glue for a less rubbery polymer and one that is transparent showing off the color better.

For even more fun, add styrofoam beads to your slime and make Floam which is a moldable slime that keeps its.