

# CHEMISTRY RECIPES

## GUK

- A substance that changes from liquid to solid, and back again

In a medium-sized bowl, mix:

1/2 cup of corn starch

1/4 cup of water

Continue mixing the substance with your hand until it becomes a thick, smooth consistency. The Guk should feel like a solid when you press hard against it, but like a liquid when you move your hand slowly through it.

If any Guk is spilled, allow it to dry and brush off the powder. If any mark remains, a damp cloth will remove the spot.

Guk can be kept in an airtight container for up to two weeks. If it starts to dry out (from water evaporation), add a small amount of water and re-mix.

## GAK - Nickelodeon-style slime

In a medium sized bowl, mix:

1/3 cup water

1/3 cup white glue (like Elmers)

3 drops of food coloring (if desired)

Mix this completely, then allow it to sit for 2 minutes.

Next, in a different bowl, mix:

1/3 cup water

1 teaspoon of laundry booster (like Borax)

When this mixture is completely blended, pour in the colored glue mixture. Mix this combination with your hands for at least 5 minutes by lifting up handfuls and squeezing out the water. Eventually, you will have Gak.

Keep Gak in an airtight container, it will last for a long time!

## Silly Putty - This recipe doesn't always work, but it's fun to try.

In a small bowl, mix:

2 tablespoons white glue

1 tablespoon liquid starch (you can get it at a grocery store)

a couple drops of food coloring

Mix the ingredients completely with your hands, then let it sit for 5 minutes.

## *Play Clay* - Modeling clay that becomes permanent after drying

Combine in a medium saucepan:

- 1 box (16 oz.) of baking soda
- 1 cup of corn starch
- 1 & 1/4 cups of water
- 1 tablespoon of vegetable oil
- optional - food coloring

Cook mixture over medium heat, stirring constantly, until mixture reaches the consistency of wet mashed potatoes (about 10-15 minutes). Remove the mixture from the stove, and spoon it onto a plate. Cover the clay with a damp cloth until it is cool enough to handle. Then, knead the clay until it is smooth.

Shape the Play Clay however you want, then let it air dry for about 24 hours. The bigger an object is, the longer it will take to dry.

## **SLIME**

- Also called imitation snot.

Heat up 1/2 cup of water in a glass measuring cup in the microwave, until it boils. Then add 3 envelopes of unflavored gelatin (like Knox brand). Wait for two minutes, then stir the mixture with a fork. Take light corn syrup (like Karo brand) and fill the measuring cup up to the 1 cup marking. Continue stirring with the fork until you get stringy slime.

## **Bubble Stuff** - This solution will let you blow great bubbles

Slowly and carefully combine in a jar:

- 2 & 1/3 cups of water
- 1/3 cup of dish soap (Dawn or Joy works best)
- 1 tablespoon of glycerine (you can get it at a drugstore)

Mix this slowly -- if you mix too violently it will make lots of suds, and you won't get good bubbles.