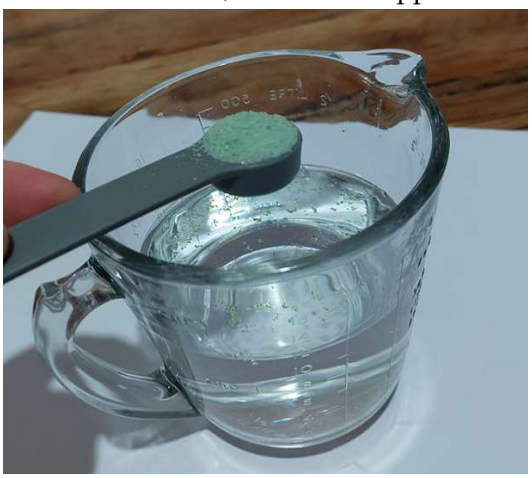
Slime

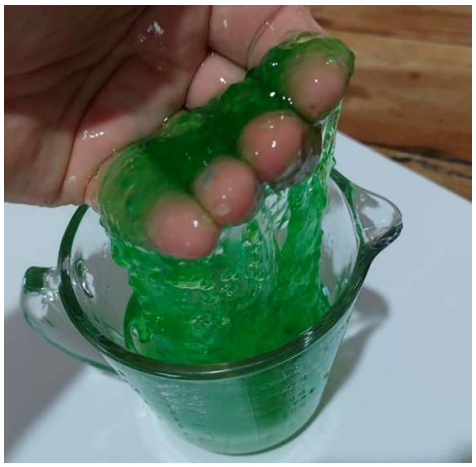
Sodium Polyacrylate Slime

1. Add about 1 tsp per 300ml and watch for 5 minutes, what happens?

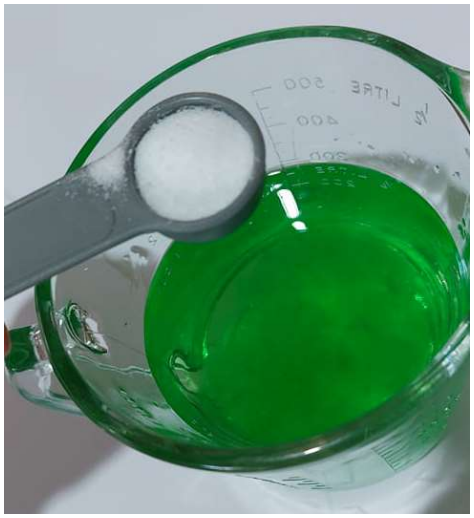


2. Get a straw and blow bubbles into the slime. How do they look?

3. Run your hand though, how does it feel?



4. Put a teaspoon of salt on a sample and watch carefully, what happens?
5.



If you could see the chemical, it might look a little like a long, long chain. It works by storing up to six hundred times its weight in water molecules! It is known as a hydrophilic chemical.

However, in this slime, the chains are free to still slide around each other, making it all slippery and sticky. You know what else uses long chain molecules to become slippery and sticky? Snot!

This clever chemical has been used to help plants be more drought resistant, and to make equipment more fireproof. When you've finished you can tip it on the sink or garden, it's nontoxic and biodegradable (and dissolves in regular table salt - slowly!)