

Hagfish Slime

Collect

- 1 tsp Metamucil
- 1 cup water
- Saucepan
- Stove
- Wisk
- Resealable container
- Adult supervision

It's slimetime

1. With an adult's help, bring one cup of water to a boil over the stove.
2. Whisk one teaspoon of Metamucil into the boiling water.
3. Allow the mixture to cook for about five minutes, making sure to stir the mixture frequently during this time.
4. When the mixture thickens to a gooey-gelatinous consistency, remove the saucepan from the heat source and allow it to cool for about 45 minutes.
5. Pull your hagfish slime out of the pan and enjoy!
6. When you're done playing, store the slime in a resealable container.

Why hagfish?

Hagfish are eel shaped, slime producing marine animals that remain incredibly similar to hagfish that lived 300 million years ago. Hagfish produce slime as a form of self-defense. The slime is made up of thin, strong fibers. Scientists have been studying these fibers as a possible alternative to synthetic oil-based fibers like nylon and spandex. Someday, high-performance and eco-friendly clothing may be made of hagfish slime fibers!