

# Oobleck



Want to have fun with physics and even walk on water? Try making a mixture of cornstarch and water called Oobleck. Oobleck is a non-Newtonian fluid; it has properties of both liquids and solids. You can slowly dip your hand into it like a liquid but if you squeeze the Oobleck or punch it, it will feel solid.

Make this in a bowl or bucket, in the kitchen sink or outside because it can be a little messy, but cleans up easily.

## Recipe

- 1 part water
- 1.5 to 2 parts cornstarch
- a small amount of food coloring (optional)

## Procedure:

Start with the water in the bowl and add your cornstarch a little bit at a time.

Keep stirring with a wooden spoon or with your hands until it has a gooey consistency

when the Oobleck is just right, slowly add food coloring if you want. The food coloring part can be a challenge to get it mixed properly.

Play with it and observe the changes it makes from solid to liquid!

**Assignment: Film your efforts or use photos to create a how-to video or Power Point demonstration. Bonus if you wear a silly hat or costume!**