

Make your own bio-based product

MILK GLUE

Make your own glue using leftover milk!



What you will need:

- ◆ Milk or powdered milk plus hot water
- ◆ Vinegar
- ◆ Measuring jug
- ◆ Bicarbonate of soda
- ◆ Coffee filter paper
- ◆ 2 Cups or Beakers
- ◆ 2 Teaspoons

1

Measure 100ml of milk into a cup or beaker. If using milk powder mix 6 teaspoons of powder with 100ml of hot water.



2

Add 3 teaspoons of vinegar to the milk. Stir until it looks like cottage cheese. This starts the glue making.



3

Pour the whole mixture through a coffee filter that is inside a cup or beaker (to catch the liquid). Let all the liquid drip through. Then squeeze the filter to get out all the liquid. This should leave a hard white solid.



4

Tip the white solid back into the cup.



5

Break up the solid into small pieces using a spoon. Stir in 1 teaspoon of bicarbonate of soda and 1 teaspoon of hot water. It should fizz and bubble a bit.



6

You've just made your own glue. Now you can use it to make something!

