

Chemical Reactions

Making Bath Bombs!

Aim

To use the science that you have learnt to make bath bombs!

Apparatus and chemicals needed

- beakers containing 15g of each of these : Citric acid, bicarbonate of soda and cornflour.
- sunflower oil
- 10 ml measuring cylinder
- food colouring
- essential oils
- Stirring rod



Method

1. Mix the Citric acid, bicarbonate of soda and cornflour well. Get out any lumps. Put the mixture into a plastic beaker.
2. Measure out 9ml of sunflower oil in a measuring cylinder use a funnel to avoid spillage.
3. To the oil add 5 small drops of food colouring and enough fragranced oil to bring the total volume up to 10ml.
4. Mix the wet ingredients well to disperse the food colouring.
5. Add the wet to the dry ingredients a bit at a time, stirring well all the time.
6. When it has all been incorporated mould the mixture with your hands into a ball. You will have to squeeze pretty hard and it will make a mess, it should be the texture of wet sand! Do it over newspaper. If the mixture does not hold together then return to the plastic beaker and stir in a little more sunflower oil and try again.
7. To present your bath bomb wrap it in tissue paper and tie with ribbon. Add a tag on which you can write a message or instructions on how to use it. You must include the label with the ingredients.

Make sure you use gloves when you are mixing the bath bombs.