

Maker Challenge – Bath Bombs!

Ingredients

- 2 cups baking soda
- 1 cup cream of tartar
- 1-2 tablespoons of olive oil
- Food coloring
- Essential oil of your choice
- Water in a spray bottle
- Silicon molds or ice cube trays

Instructions

1. Mix the baking soda, cream of tartar, olive oil, essential oil and food coloring until you have a color you are happy with
2. Give it 2-3 sprays of water. It will start to sizzle as the bicarbonate of soda reacts with the water. But start mixing it and it will feel a little more “solid”, a bit like wet sand. When you can indent your spoon on the mixture and leave a nice “shape” behind without it crumbling too much you are ready to transfer to your ice cube trays. You can add a couple of sprays of water if it isn’t lumpy enough.
3. Fill the mold or ice cube trays and press down hard
4. Let them dry for at least 1-2 days. They get harder over time – the longer you leave them the better
5. Remove gently and done!

Comprehension

1. Which of your ingredients are solids and which are liquids?
 - a. Did you use any gases?
2. When mixed all together, did you make a solid, a liquid, or a gas?
3. How do you know?