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Make your own soap

Soap removes bacteria from your hands, which is important for your health and gives a clean feeling. Follow these instructions to make your own soap:

1. Measure the water in the bowl or jar you are using.

2. Measure all fats and oils in the pan or the second jar.

3. Make sure to wear gloves. Measure the sodium hydroxide on the platter.

4. Heat the fats and oils at a low grade to 50°C. Keep the pot or jar at an angle when you are measuring the temperature.

5. Attention: Make sure you wear safety glasses and gloves! CAREFULLY add the granules of caustic soda to the water. This gets hot and can splash.

6. When both liquids are at ± 50°C, you can add the caustic soda solution to the fats/oils substance.

7. Stir well and keep at 50°C until a thick pulp develops. Optionally, add the scent and/or scrub to the mixture. Tip: if your are with two people, or if you want to add something else to your soap, divide the mixture over 2 jars.

8. Pour the mixture in a mold and wait until it is hardened. Tip: In the meantime you can make a nice wrapping for your soap.

9. When the soap is dried, you can release it from the mold. After 6 weeks you can use the soap. Tip: to see whether your soap works, use the bacteria detector. Instructions can be found at the website togethersciencebus.eu.