

Create Your Own Home Made Soap

Using Mechanix Caustic Soda

Did you know caustic soda (Sodium Hydroxide) is a common ingredient in most soaps? Now you can make your own soap right from home thanks to the Mechanix Caustic Soda soap recipe.



Ingredients

- 150g Mechanix Caustic Soda
- 500g Coconut Oil (Copha)
- 250g Canola Oil
- 250g Olive Oil
- 1 ½ Cups Cold Water
- 50g Fragrance (optional)
 - we recommend cedarwood oil, citrus oil, rosemary oil or lavender oil.

Utensils

- Large Plastic Jar (at least 1 litre)
- Large Tupperware Container
- Large stainless steel saucepan (2 litre capacity)
- 250ml plastic cup
- Kitchen scales
- A thermometer (Optional)
- Plastic stirring rod

Protective Clothing

- Long plastic gloves
- Plastic goggles-a must
- Long pants
- Long sleeved shirt
- Closed shoes

METHOD

1. **READ THE DANGEROUS GOODS INFORMATION BELOW BEFORE BEGINNING THIS RECIPE.**
2. Pour cold water into the plastic jar.
3. Measure Caustic soda (into a dry plastic cup).
4. Slowly and carefully add the Mechanix Caustic Soda to the cold water, stirring continuously with a plastic rod. (Wear plastic gloves and goggles; test gloves for holes first.) Do not breath the vapor or lean over the container or have children nearby. The mixture will get very hot.
5. Allow the solution to cool down to a warm temperature (approx 40°C) in a safe place.
6. Melt the Coconut Oil (Copha) at a low heat in a stainless steel saucepan. Add the Canola Oil and Olive Oil to the melted Coconut Oil. Mix well
7. Allow the oil mixture to cool down to a warm temperature (approx 40°C)
8. Slowly and carefully, pour the Caustic Soda solution into the stainless steel saucepan containing the oil mixture. Mix thoroughly for at least 30 minutes or until it looks like thick pudding.
9. If desired, select one fragrance from the optional fragrances. Add the fragrance to the soap mixture and mix for a further 30 minutes.
10. Pour the finished soap into the tupperware container and allow 24hrs of setting.
11. Cut the set soap into bars and leave it to cure for at least 6 weeks before use.

Dangerous Goods Information

Caustic Soda is highly corrosive, it can cause burns to skin and can blind the eyes so please use with extreme CAUTION!

Caustic soda MUST be added to cold water, not the other way round!

All utensils must be thoroughly cleaned with warm water and a detergent at the end of the soap making exercise.

Keep children away at all times.

For advice, contact a Poisons Information Centre (Phone Australia 13 11 26; New Zealand 0800 764 766)

Mechanix Caustic Soda is available in the cleaning aisle of leading supermarkets and hardware stores.

www.pascoes.com.au

