

No Paste Liquid Soap Demonstration Catherine McGinnis – Soaping101®

Recipe

Oils:

27 oz. (765g) Coconut Oil
7.2 oz. (204g) Olive Oil
1.8 oz. (51g) Castor Oil

Lye Solution:

7.1 oz. (201g) Potassium Hydroxide
1.5 oz. (43g) Sodium Hydroxide
10.3 oz. (292g) Distilled or Soft Water
12 oz. (340g) Glycerin

Dilution Water:

44.6 oz. (1264g) Distilled or Soft Water
1.8 (51g) Potassium Carbonate

Total Weight of 40% Soap Solution = 113.3 oz. (3,212g)

Directions:

Use all safety precautions. Goggles, gloves, mask and protective clothing. Gather all your materials before getting started.

Step 1. Weigh and melt the oils. Ideal temperature should be between 160° - 175°F (71°-79°C). This recipe can be prepared in a crockpot, on top of the stove or in the oven. Whatever method you choose, use an appropriate container safe for all ingredients and for the method of cook.

Step 2. Measure the dilution water. Weigh the potassium carbonate and add to the dilution water. Stir and heat to boiling in a microwave safe container in the microwave or in a pot on the stovetop. Cover and set aside.

Step 3. Weigh the glycerin and add to the oils.

Step 4. Measure the water for the lye solution and set aside. Weigh the Potassium and Sodium Hydroxide and mix into the water. Stir until completely dissolved.

Step 5. Slowly pour the lye solution into the oil and glycerin mix. Check the temperature. If it is below 160°F (71°C) warm it up until it reaches the desired temperature. If it is above 175°F (79°C) allow the oil/lye solution to cool down before stick blending to avoid boil over.

Step 6. Stick blend to light trace.

