

Happy Goat Creamery Soap Rebatching Recipe

2lb 10oz goat milk soap shavings

You can use a cheese grater, food processor or meat grinder to shave the soap. Or you can buy goat milk soap shavings from happygoatcreamery.com (hint hint)

Place shavings in a crock pot, double broiler or milk pasturizer (the last is my preference)

Add 3/4 cup warm water

Mix until all goat milk soap shavings are slimy wet.

Heat until the shavings melt into a smooth consistency, mixing occasionally (about every 15 to 20 minutes) 200 degrees Fahrenheit or a little hotter will melt the soap fastest. But I have done it as low as 180 degrees Fahrenheit.

Add your additional ingredients. I do not recommend adding dairy products to rebatched soap because they will not be saponified (see below). In other words, they won't be shelf stable. However essential oils, fragrance oils, oatmeal, activated charcoal, colored clay or other colorants, pumice and other shelf stable ingredients should have a nice long shelf life, and if you purchased your unscented goat milk soap shavings from happygoatcreamery.com you already have the highest quantity of goat milk in your soap as possible that I am aware of.

Once the soap shavings are melted and your additional ingredients are added, pour the melted soap (it will be a gel consistency) into a soap mold.

Let cool for a few hours remove from mold and if still warm let cool longer. Once fully cooled slice into bars. If you're mold is bar shaped congrats! Your done! Your soap is ready to use or sell!

Tah dah! That's all there is to it! I have also posted a companion video to this recipe on my website www.happygoatcreamery.com and on my happy goat creamery youtube channel. Good luck and happy soaping!

Notes:

What is saponified.

Saponified soap is soap that has gone through the process of becoming soap.

With goat milk soap this is done by mixing lye (other names are caustic soda, sodium hydroxide) with goat milk, and then adding the lye/goat milk mix to cooking oils. I use only vegetable oils but animal fats can also be used. The mix is then stirred continuously until it begins to harden. Saponification is a fancy scientific word for this hardening into soap that is happening to the ingredients. This process can only take place once to soap and acts as a preservative to the ingredients turning them from many ingredients into 1 ingredient, soap.

What's Rebatching.

Rebatching is when you heat soap to its melting point and add a small quantity of water to make the melted soap workable again so that you can add custom color/smell/texture and shape to the soap that it did not have before. But because these ingredients were not added when the soap was first being made they are in the soap but not one with the soap. Because of this only shelf stable ingredients should be added to rebatched soap.

Recipe quantity and time

This recipe makes 12 to 13 3oz bars of goat milk soap. You can add this by doubling the recipe or take away from it by cutting it in half. Rebatching is really quite forgiving.

Cook time is about 2 hours unless you are under heating your soap. Then it will take longer.

Prep Time

That depends on whether you are shaving

the soap yourself or if you bought it pre-shaved and what you are using to shave it. Some methods are faster than others.

Trouble shooting

If the soap is chunky it's just not hot enough or has not been heated long enough to fully melt.

If the gel is too thick to make good bars in your molds, simply put it back on to heat and add more water to it. The more water that you add the longer it will take to sweat the water out and re-harden.