



Heavy Duty Laundry Soap

Recipe makes approximately 6- 16 oz. jars of concentrated laundry soap.

Here's What You Need: Ingredients

[Lye](#)
[Palm Oil](#)
[Coconut Oil 76](#)
[Borax](#)
[Baking Soda](#)
[NG Magnolia & Orange Blossom Type Fragrance Oil](#)
[Silicone 4 Loaf Mold](#)
[Safety Gloves](#)
[Safety Glasses](#)
[Safety Mask](#)
[Thermometer](#)
[16 oz. Natural Jar with Pink Lid](#)

Other Ingredients & Equipment You'll Need:

Distilled Water
Pot
Scale
Mixing Bowls
Mixing Spoons
Stick Blender
Knife
Crock Pot
Decorating Fabric
Twine



Here's How It's Done : Directions

Hot Process Soap Weights:

294 grams Lye
689 grams Distilled Water
544 grams Palm Oil
1,270 grams Coconut Oil 76

Laundry Detergent Weights:

2,640 grams Distilled Water
312 grams Hot Process Soap
288 grams Borax
525 grams Baking Soda
172 grams NG Magnolia & Orange Blossom Type Fragrance Oil

Step 1: First, Prep your work area and put on your safety gear.

Step 2: Prepare the Hot Process Soap: Weigh out 689 grams Distilled Water. Add 294 grams Lye. **Please Note:** Never add the water to the Lye. Always add the Lye to the water.

Step 3: Now, turn your crock pot on a low setting. Place 1,270 grams Coconut Oil 76 and 544 grams of Palm Oil in the crock pot. Allow them to melt.

Step 4: Add a small amount of the lye water to the crock pot and stir. Add small amounts of the lye water and stir. Continue adding and stirring until you have added all of the lye water.

Step 5: Use a stick blender to blend the mixture to trace. You want a pudding like consistency.

Step 6: Next, cover your crock pot and leave it on a low setting for about two hours. You will want to stir the mixture about every 15 minutes..

Step 7: When your soap is ready place it in the molds. You will know it is ready when you have a mashed potato consistency.

Step 8: When the soap has setup, take it out of the molds and break it into pieces. This is a four pound batch. You will have more soap than you will need for this recipe. However, you can save the remaining soap. This way it is available for future batches.

Step 9: Bake the baking soda for approximately 30 minutes. Preheat you oven to 400 degrees. Place 525 grams of baking soda in a clear cake pan. By cooking the baking soda it will change the chemical composition of the baking soda to washing soda.



Here's How It's Done : Directions

Step 10: Once it has finished baking, in a mixing bowl, add 525 grams of the baked baking soda and 288 grams borax. Mix and use your hands to break up any clumps.

Step 11: In a pot, boil 1,760 grams of distilled water. Once it is boiling, reduce the heat to medium and add 312 grams of the hot process soap. Stir slowly and constantly until the soap has completely melted. **Please Note:** This recipe will make concentrated laundry soap. If you want it to be a liquid laundry detergent, you will need to increase the amount of boiling water.

Step 12: Once the soap has melted, turn the stove off. Now, slowly add the borax and baking soda mixture. Stir until all of the powder has dissolved.

Step 13: When the temperature drops to about 140 degrees add 172 grams of NG Magnolia and Orange Blossom Type Fragrance Oil. Stir to incorporate.

Step 14: Add 880 grams hot water. Again, stir to incorporate.

Step 15: After a few hours, you will notice the mixture will begin to separate. Stick blend to incorporate all of the ingredients back together. You may need to repeat this step a couple of times over the next few hours.

Step 16: Place the detergent into the natural jars and place the pink lid on top. Using decorative fabric, cut a round shape to fit the top of the jar. Tie a bow with the twine to hold the fabric in place.

Step 17: Your Heavy Duty Laundry Soap is now ready to use. Use about 2 tablespoons to $\frac{1}{4}$ of a cup of the concentrated laundry detergent.

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