

## **How to Melt and Pour our soap bases Using the Microwave method**

This is a step by step process to help guide you through the process of making your own soap bars with our soap base with simple kitchen tools and a microwave.

1. Clean a work surface
  - a. The kitchen table is a good area to use. Clean your workspace and place a disposable table cloth over the surface to help protect your table and keep the workspace clean. Make sure all your cups, spoons, knives, etc are clean.
2. Organize your workspace
  - a. Get all the tools and materials organized to make your job easier once you start.
  - b. Here is suggested list of tools to start with.
    - i. Scale should be able to measure to 1 gram
    - ii. Large Cutting Board
    - iii. Essential Oils
    - iv. Large Pyrex measuring cup
    - v. Small glass beaker / cup
    - vi. Disposable Pipettes ( should have .25mL graduations)
    - vii. Metal Whisks
    - viii. Long Knife with thick sturdy blade 10" chefs knife ( I like a dull knife)
    - ix. Alcohol in Spray Bottle
    - x. Rubber Spatulas
    - xi. Paper Towels
    - xii. Soap Molds
    - xiii. Your instruction in a notebook that has all your weights already calculated
3. Prepare the soap base
  - i. Put the large Pyrex cup on the scale and zero the scale (some times called TARE)
  - ii. Place your soap base on the cutting board and cut the soap into pieces and put them into the cup till you have the weight you need for the base. (be careful with knife)
4. Prepare the Essential oils
  - i. Carefully open your essential oils and using a disposable pipette measure the amount of essential oils you desire and place them in the small cup. Use a separate pipette for each essential oil to prevent contamination of the EO. If your scale is able to measure to .1gram this would be the preferred method, else measure in mL and make 1mL equal to 1 gram. This is not a exact cross but once you find the measurements you like you will be able to reproduce it.
  - ii. When the correct amount of EO is measured (typically .8% to 3%) place a top over the cup and put it aside till it is needed latter. Close your essential oil bottles and put them away.
5. Melt the Soap base

- i. Place the Pyrex cup in the microwave one with a rotating base is nice so it heats more evenly.
  - ii. Use 30 second burst to heat the base..
  - iii. When the base starts to get liquid stir it with the metal whisk and measure its temperature.
  - iv. Heat soap base to 150 to 170 degrees F DO NOT BOIL THE BASE.
  - v. When the base reaches the desired temperature, remove it from the microwave and place it on the table where you will be pouring the soap. Be careful it's HOT.
6. Cool down phase and adding EO
  - i. Let the soap cool down to 135 degrees F stirring once every minute or so.
  - ii. When the temperature reaches 135 degrees F add your essential oils to the base and stir gently with the metal whisk. Try not to get too much air in the mixture.
7. Pour the soap
  - i. Pour the soap into your molds (If you get bubbles, use the spray bottle of alcohol with a gentle spray at them the bubbles will burst).
8. Unmold the soap.
  - i. It is best to let the soap set over night. In many cases it can be removed in several hours, but a good 24 hours gives the best results.
9. Package your soaps (saran wrap works to help seal the scent in).

Last step enjoy your creation

Good luck and if you have any questions give us a call at Natalchemy we are here to help you. Or email at [info@natalchemy.com](mailto:info@natalchemy.com) 408-978-3000

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