

From our Formulary **Body Butter Bliss**



If you've been wanting to duplicate the feel of The Body Shop's Body Butter look no further! Our **Body Butter Bliss** is a luscious and stable emulsified butter which offers a rich emolliency with a quick, greaseless dry down and long lasting hydration for the skin. Made with shea butter and tocopherol-rich rice bran oil, along with glycerin for added humectancy and dimethicone for its skin protectant properties, this body butter will prove to be a real pleaser!

Formula

| | Percent | Grams | Ounces | Ingredient |
|----------------|----------------|--------------|---------------|-----------------------------------|
| Phase A | 58.1 | 581 | 19.37 | Distilled Water |
| | 0.2 | 2 | 0.07 | Xanthan Gum |
| | 3.0 | 30 | 1.00 | Glycerin |
| | 0.2 | 2 | 0.07 | Tetrasodium EDTA |
| Phase B | 3.5 | 35 | 1.17 | Lotionpro 165 |
| | 8.0 | 80 | 2.67 | Rice Bran Oil |
| | 4.0 | 40 | 1.33 | Lotioncrafter FCO |
| | 12.0 | 120 | 4.00 | Shea Butter Refined |
| | 2.0 | 20 | 0.67 | Cetearyl Alcohol |
| | 2.0 | 20 | 0.67 | Behenyl Alcohol |
| | 3.0 | 30 | 1.00 | Lotioncrafter LC995 |
| | 0.7 | 7 | 0.23 | Mixed Tocopherols T50 |
| | 0.8 | 8 | 0.27 | Phenonip |
| | 2.0 | 20 | 0.67 | Dimethicone 350 |
| Phase C | 0.5 | 5 | 0.17 | Fragrance (adjust to suit) |
| Phase D | Q.S. | Q.S. | Q.S. | Citric Acid (20% Solution) |

1. Pour Phase A distilled water into a tall mixing vessel. Using an immersion (stick) blender, create a vortex and add the Xanthan gum. Once mixed in, add the balance of Phase A ingredients with stirring. Heat Phase A to 176°F and hold while Phase B is heating.
2. Combine and heat Phase B ingredients to 176°F and remove from heat. Gently stir the oils and waxes to combine.
3. Insert an immersion (stick) blender into the Phase B mixing vessel, keeping it near the bottom. Pour Phase A (water phase) into Phase B (oil phase) while mixing and blend thoroughly.
4. Stop blending briefly. Place mixing vessel into a cold water bath (in sink or another pot). Immediately resume blending. If your stick blender has a variable speed, it can be turned down to "medium". Mix until temperature is approximately 129°F or less. This should only take about 3-5 minutes. Remove from water and place mixing vessel on counter.

5. While blending with stick blender, slowly add Phase C fragrance into your emulsion mixing well after its addition. Continue to mix with stick blender until mixture is uniform.
6. Test the pH of your emulsion. Adjust with citric acid as necessary to a final pH of 7.0.
7. Check the weight of your batch to make sure you still have 1000 grams (33.33 ounces), add more distilled water if needed to replace what may have evaporated.
8. Continue mixing until emulsion has cooled to 120°F or less. Pour into containers.

Makes approximately 1000 grams or 33.3 ounces of lotion.

Notes:

Q.S. is an abbreviation for the Latin quantum sufficiat, quantum sufficit, or quantum satis, phrases which all mean "as much as suffices" or "quantity required."

Xanthan Gum should be measured very carefully as using too much will result in a pasty rather than a buttery mixture.

It is easier to adjust the pH of an emulsion using citric acid if a citric acid solution rather than granules are used. You can make a 20% stock solution of citric acid by combining 20 grams of citric acid with 80 grams of distilled water. Pour into a bottle, cap and shake to mix. Label this "20% Citric Acid Solution". Using a pipette, add a few drops at a time to your emulsion, mix thoroughly and check the pH. Add more, a few drops at a time, until the desired pH of the final product is obtained.

Formulation has passed five cycles of freeze-thaw stability testing.

INCI: Water, Butyrospermum Parkii (Shea) Butter, Oryza Sativa (Rice) Bran Oil, Caprylic/Capric Triglyceride, Glyceryl Stearate, PEG 100 Stearate, Glycerin, Cyclopentasiloxane, Behenyl Alcohol, Cetearyl Alcohol, Dimethicone, Tocopherol, Tetrasodium EDTA, Xanthan Gum, Phenoxyethanol, Methylparaben, Ethylparaben, Butylparaben, Propylparaben, Citric Acid, Fragrance.

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Ingredients in **bold** are carried by Lotioncrafter

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