



THE HERBARIE FORMULARY

Hair Care - Shampoo

Botanical Bubbles Shampoo (Recipe)

Naturally derived Cocoglucoside ET, Coco SilkySoft and SCS-CAB Foamy Blend provide excellent foam and gentle cleansing in this simple, but elegant formula. Lavender Hydrosol and Lavender Essential Oil will revitalize as well as lend a fresh, clean scent to this shampoo. CocoEm WS is a water soluble emollient that is excellent for improving wet-combing and adding shine to hair.

Ingredient	Amount
SCS-CAB	15% = 75 grams = 3 tablespoons
Plantapon LGC Sorb	15% = 75 grams = 6 tablespoons
Coco SilkyCleanse	5% = 25 grams = 4 teaspoons
PEG 150 Distearate	1.8% = 9 grams = 3 + 1/2 teaspoons
Distilled Water	48.4% = 242grams = 1 cup + 1 fluid oz.
Lavender Hydrosol	10% = 50 grams = 2 fluid oz.
Add during cool-down:	
Optiphen ND	1% = 5 grams = 1 teaspoon
Raspberry Dimethicone WS	3% = 15 grams = 3 teaspoons
Lavender Essential Oil	0.8% = 4 grams = 1 teaspoon

This is an easy formula for first time shampoo/body wash makers! Please note that our formulas are calculated by weight which is always best and most accurate. For first time formulators, we have provided an estimated recipe using fluid volume.

Heat/melt/dissolve the solids—usually with a bit—maybe half--of the water portion. It's very important that all the solids are completely dissolved/melted. Then add the remainder of the ingredients and gently mix. Once the mixture has cooled to 120F or less, add the preservative, essential oils or any other ingredients that are heat sensitive. See notes below for more info:

Tips for shampoo/body wash:

- melt/dissolve ALL solids
- pay attention to pH of finished product and make sure it is around 5.5. If this formula is followed precisely, the finished pH should be 5.4 – 5.6.
- essential oils that seem to be most compatible with shampoo/body wash: geranium, peppermint, rose, sandalwood, rosemary, clary sage
- For this formula, we are utilizing Raspberry Dimethicone WS as an emollient AND a solubilizer. For best results, premix Raspberry Dimethicone WS with Lavender Essential Oil. Add a bit of finished shampoo to premixture. Add premixture BACK to finished shampoo with mixing.

This information is to demonstrate how The Herbarie products can be utilized. Our information is based on our own research and is believed to be accurate. We assume no liability for misuse of our products or data and we urge our purchasers to do their own testing to ensure the products meet their own specifications.

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