



## THE HERBARIE FORMULARY

### *Hair Care - Shampoo*

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#### **Big Bubbles Shampoo!**

Everyone wants big bubbles! Naturally derived Sodium Coco-Sulfate and Decyl Glucoside give this mild shampoo excellent foam characteristics. LiproSilk and dl Panthenol help hair to retain moisture and resist damage from environmental stress. EmEster provides ease in wet-combing and adds shine. Since Sodium Coco-Sulfate and Decyl Glucoside are both alkaline, we recommend adding citric acid to the finished shampoo to reduce the pH to approximately 5.5.

Ingredient	Amount
Sodium Coco-Sulfate	10% = 50 grams
Decyl Glucoside	15% = 75 grams
EmEster	1% = 5 grams
Crothix	1% = 5 grams
DI Panthenol	3% = 15 grams
Glycerin	3% = 15 grams
Distilled Water	63.7% = 318.5 grams

(Add to mix at 120F or less)

LiproSilk	3% = 15 grams
Liquid Germall Plus	0.3% 1.5 grams
Eo/fo optional	

Citric acid (as needed)

This is an easy formula for first time shampoo/body wash makers! And I will share a secret with you--the same formula can very often be used for both body wash and shampoo. Here's how I do it. First I 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 I add the remainder of the water portion and gently mix. Once the mixture has cooled to 120F or less, I add the preservative, essential oils or any other ingredients that are heat sensitive. For my own shampoo. I used 10% Herbarie Rose Hydrosol for part of the distilled water portion and about 1% Rose Geranium Essential Oil. Since my hair is color treated and a bit dry, I followed the shampoo with a new version of Amy's UltraConditioning Conditioner (see formulary).

Tips for shampoo/body wash:

- melt/dissolve ALL solids
- pay attention to pH of finished product and make sure it is around 5.5
- pH can increase viscosity
- a little Crothix goes a long way
- fragrance oils WILL effect the formulation
- essential oils that seem to be most compatible with shampoo/body wash: geranium, peppermint, rose, sandalwood, rosemary, clary sage

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*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.*