



# THE HERBARIE FORMULARY

## Hair Care - Shampoo

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### SMC Taurate Soft Bubbles Shampoo

Naturally derived SMC Taurate Paste gives this formula a creamy lather as well as a pleasant, soft feel after rinse-off. GuarSilk and Raspberry Dimethicone WS offer light conditioning without compromising foam. Raspberry Dimethicone WS also functions as a solubilizer for the essential oil. Glucamate LT provides easy thickening. SoluSilk SF will smooth and protect the hair cuticle. This easy, yet elegant formula is one of The Herbarie favorites.

Ingredient	Percentage	Amount
GuarSilk	0.2%	= 1 gram
Distilled Water	45.0%	= 225grams
SoluSilk SF	2.0%	= 10 grams
SMC Taurate Paste	45.0%	= 225 grams
Raspberry Dimethicone WS	3.0%	= 15 grams
*Lavender Essential Oil	1.0%	= 5 grams
Optiphen ND	0.8%	= 4 gram
Glucamate LT	3.0%	= 15 grams
	100%	= 500 grams

#### Procedure for cold process:

- Combine GuarSilk and water while gently mixing. Continue to mix while GuarSilk hydrates completely – about 10 minutes.
- When GuarSilk has completely hydrated, add SoluSilk SF with gentle mixing. Set aside.
- Using a separate small container combine Raspberry Dimethicone WS and Lavender Essential Oil with gentle mixing – set aside.
- In a separate, heat safe container, warm SMC Taurate Paste until melted. A microwave can be used, but DO NOT overheat – only a few seconds of heating are necessary. Pour GuarSilk, water, SoluSilk SF mixture into melted SMC Taurate stirring gently. Shampoo mixture will begin to thicken. Add Optiphen ND with gentle stirring.
- From separate small container, pour Raspberry Dimethicone WS/EO mixture into shampoo mixture.
- Slowly add Glucamate LT into Shampoo Mixture while stirring – viscosity may need to be adjusted by more or less Glucamate LT.
- Finished pH should be 5.0-5.5

#### Tips for shampoo/body wash:

- do not use high shear mixer!
- pay attention to pH of finished product and make sure it is around 5.5 – 6.0
- pH can effect viscosity
- fragrance oils WILL effect the formulation
- essential oils that seem to be most compatible with shampoo/body wash: geranium, peppermint, rose, sandalwood, rosemary, myrtle, lavender, lemongrass
- use more or less Glucamate LT to thicken

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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.*