



# THE HERBARIE FORMULARY

## *Hair Care - Shampoo*

### Kim's Silky Soft Gel Shampoo

This gentle gel shampoo is excellent for all hair types. Cocoglucoside SS, BBC, and SMC Taurate provide good cleansing and foaming without stripping natural oils from hair. Hydrolyzed Wheat Protein and dl panthenol strengthen and smooth the hair shaft. Used at a low percentage, GuarSilk provides just enough conditioning and adds viscosity to this formula. AquaEm helps to solubilize essential and fragrance oils, improves wet-combing and adds shine to hair. PEG 150 Distearate adds viscosity.

Ingredient	Amount
<b>Part A</b>	
Cocoglucoside SS	20% = 100 grams
Baby Blend Concentrate (BBC)	15% = 75 grams
SMC Taurate	5% = 25 grams
PEG 150 Distearate	1.7% = 8.5 grams
<b>Part B</b>	
Distilled Water	47.8% = 239 grams
GuarSilk	0.2% = 1 grams
Hydrolyzed Wheat Protein	2% = 10 grams
DI Panthenol	3% = 15 grams
Glycerin	2% = 10 grams
<b>Part C</b>	
AquaEm	2% = 10 grams
*Lemongrass/Myrtle Essential Oil	1% = 5 grams
Liquid Germall Plus	0.3% = 1.5 grams
<b>Total:</b>	<b>100% = 500 grams</b>

Add GuarSilk to room temperature distilled water and blend/mix well. Hydrate for at least 10 minutes stirring periodically. While gently stirring, heat Cocoglucoside SS (surfactant) with BBC (surfactant), SMC Taurate (surfactant) and PEG 150 Distearate until melted (approximately 175F). When GuarSilk is completely hydrated (about 15-20 minutes), combine with Hydrolyzed Wheat Protein and dl panthenol. Heat to around 170F. Slowly add to Part A while stirring. Cool down while stirring. Combine AquaEm and Essential Oils. Add a small amount of finished shampoo to AquaEm/Essential Oil mixture. Then add back to finished shampoo with gentle mixing. Add Liquid Germall Plus at 120F or less.

\*Fragrance Oils and Essential Oils can have a dramatic effect on surfactant based systems. Small percentages are recommended (1% or less) They should be added carefully to a small portion of the shampoo or body wash before adding to the whole batch. AquaEm and Cromollient SCE are superb solubilizers in addition to their excellent emolliency.

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The Herbarie formulas were created to demonstrate how our products can be utilized. This information is based on our knowledge and experiences and is believed to be accurate. We assume no liability in regards to these formulas and information. We urge our customers to do their own testing to ensure the products meet their own specifications.

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[www.theherbarie.com](http://www.theherbarie.com)