



THE HERBARIE FORMULARY

Hair Care - Shampoo

As Natural As It Gets Conditioning Shampoo with Calendula Extract

This formula combines the best of the naturals. The ultra-mild, Polyglucoside/Lactylate surfactant blend combines with our Calendula Extract to create a shampoo that gently cleanses. Our GuarSilk and VenaSilk offer excellent conditioning and add thickness to this shampoo. DI Panthenol is often called “the beauty vitamin” and helps to strengthen the cuticle of the hair and prevent breakage.

Ingredient	Amount
Part A	
Distilled Water	45.7% = 228.50 grams
GuarSilk	1% = 5 grams
VenaSilk	0.5% = 2.5 grams
Hydrolyzed Wheat Protein	2% = 10 grams
Calendula Extract WS	5% = 25 grams
dl Panthenol	1% = 5 grams
Glycerin	2% = 10 grams
Part B	
Polyglucose/Lactylate Surfactant Blend	40% = 200 grams
Calendula Extract OS	1% = 5 grams
Part C	
*Lavender EO	1% = 5 grams
Optiphen ND	0.8% = 4 grams
Total:	100% = 500 grams

Weigh distilled water. Take 1/2 of the distilled water portion (room temp), add GuarSilk, hydrate for 15 minutes, stirring periodically. Set aside. Heat remainder of the distilled water portion to approximately 175F, add VenaSilk and mix very well—a stick blender may be helpful. Set aside for approximately 15 minutes. Combine these mixtures. Add Polyglucose/Lactylate Surfactant Blend and gently stir. Add remainder of ingredients and gently stir. Essential oils and Optiphen should be added when mixture is cool (less than 122F/50C). *Other essential oils or fragrance oils can be substituted, but some will have a thinning effect on surfactant based systems. For a thicker shampoo, Glucamate LT can be added to finished formula.

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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