

Formulation

Name	ROSE SMOOTHING FACIAL MASK	
No.	1307	
Description	A stylish addition to your weekly self-care routine! This mask contains natural oils and STEPANQUAT® Helia, a naturally-derived, hypoallergenic skin conditioner. Apply a thin layer of the Rosé Smoothing Facial Mask and allow to dry for 10 minutes. Rinse to reveal smooth, hydrated skin.	
Formulation	<u>INGREDIENTS:</u>	<u>% by Weight</u> <u>Functionality</u>
	=== Phase 1 ===	
	Deionized Water	q.s. to 100.00 Carrier
	=== Phase 2 ===	
	Avocado Oil (Nature's Oil)	2.30 Additive
	NEOBEE® M-5 COSMETIC	3.30 Emollient
	STEPANQUAT® Helia	2.60 Conditioning Agent, Emulsifier
	Polawax™ NF (Croda, Inc.) Emulsifying Wax	3.30 Co-emulsifier
	=== Phase 3 ===	
	Kaolin (Rose Clay)	12.00 Exfoliating Additive
	Grapefruit Seed In Glycerin (Bio-Botanica, Inc.)	0.25 Additive
	Citric Acid, 50% Solution	q.s. pH Adjuster
	Fragrance and Preservative	q.s. Fragrance, Preservative
	Total	100.00
Procedure	<ol style="list-style-type: none"> 1. In a suitable vessel capable of mixing and heating, charge Deionized Water and heat to 70-75°C (158-167°F). 2. In a separate beaker, charge Phase 2 ingredients one by one. Mix and heat to 70-75°C(158-167°F). 3. Once both phases have reached 70-75°C (158-167°F), charge Phase 2 into Phase 1 slowly with mixing. 4. Mix at temperature for 5 minutes. 5. Add Kaolin (Rose Clay) to batch incrementally while mixing and maintaining heat. 6. Mix at temperature for 5 minutes. 7. Being cooling to room temperature while mixing. 8. At 45°C (113°F), adjust pH using Citric Acid, 50% Solution for desired pH. 9. Add remaining Phase 3 ingredients, as desired. 10. Mix and cool until sample is at room temperature. 	
Physical Properties	Appearance, as is	Thick, dark pink clay
	pH, as is	5-6
	Viscosity at 25°C, LVT #3 at 12 rpm, cps	3,000-5,000
Storage/ Stability	4 weeks at 5°C	Stable
	4 weeks at 25°C	Stable
	4 weeks at 45°C	Stable
	Freeze/Thaw 3 cycles	Pass

Instructions for Use

Place enough mask onto the skin, and then use hands to rub in mask smoothly. Let sit for 3-5 minutes until dry. Rinse mask off.

External Comment

Marketing Notes: BCI = 95. Total Biorenewable Carbon Index (BCI) was calculated only for the Stepan surfactants used in this formulation. Naturally derived refers to products with a BCI of >50%. Other ingredients were not evaluated. For further information on Stepan's BCI, visit www.stepan.com.

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For Additional Assistance

For applications or product handling assistance, call our Technical Service Department at 1-800-745-7837 (U.S.) or 011-334-76-505-100 (Europe).
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