

# Formulation

Name	<b>ROSE SMOOTHING FACIAL MASK</b>	
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) NEOBEE® M-5 COSMETIC STEPANQUAT® Helia Polawax™ NF (Croda, Inc.) Emulsifying Wax	2.30 Additive 3.30 Emollient 2.60 Conditioning Agent, Emulsifier 3.30 Co-emulsifier
	=== Phase 3 === Kaolin (Rose Clay) Grapefruit Seed In Glycerin (Bio-Botanica, Inc.) Citric Acid, 50% Solution Fragrance and Preservative	12.00 Exfoliating Additive 0.25 Additive q.s. pH Adjuster q.s. Fragrance, Preservative
	<b>Total</b>	<b>100.00</b>
Procedure	<ol style="list-style-type: none"> <li>1. In a suitable vessel capable of mixing and heating, charge Deionized Water and heat to 70-75°C (158-167°F).</li> <li>2. In a separate beaker, charge Phase 2 ingredients one by one. Mix and heat to 70-75°C(158-167°F).</li> <li>3. Once both phases have reached 70-75°C (158-167°F), charge Phase 2 into Phase 1 slowly with mixing.</li> <li>4. Mix at temperature for 5 minutes.</li> <li>5. Add Kaolin (Rose Clay) to batch incrementally while mixing and maintaining heat.</li> <li>6. Mix at temperature for 5 minutes.</li> <li>7. Being cooling to room temperature while mixing.</li> <li>8. At 45°C (113°F), adjust pH using Citric Acid, 50% Solution for desired pH.</li> <li>9. Add remaining Phase 3 ingredients, as desired.</li> <li>10. Mix and cool until sample is at room temperature.</li> </ol>	
Physical Properties	Appearance, as is pH, as is Viscosity at 25°C, LVT #3 at 12 rpm, cps	Thick, dark pink clay 5-6 3,000-5,000
Storage/ Stability	4 weeks at 5°C 4 weeks at 25°C 4 weeks at 45°C Freeze/Thaw 3 cycles	Stable Stable Stable 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](http://www.stepan.com).

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