

Formulation

Name	BE RADIANT - FACE MASK	
No.	1386	
Description	Face mask for life in an urban environment where skin is affected by stress and pollution. Let's fly back and restore the natural glow! STEPAN-MILD® L3-G/MB, derived from lactic acid, provides a light and fresh touch. This formulation uses an extract of siberian larch because of its potential effects on even skin tone and radiance.	
Formulation	INGREDIENTS: === Phase 1 === Deionized Water Carbopol® Ultrez 10 (Lubrizol Corporation) Carbomer Eclat et Lumière (Hyteck SA) Glycerin (and) Larix Sibirica Wood Extract === Phase 2 === STEPAN-MILD® L3-G/MB Radiesurf 7900 (Oleon) Glyceryl Stearate Stearic Acid 40EO (Mosselman) PEG-40 Stearate Nacol 16 (Sasol) Cetyl Alcohol === Phase 3 === Fragrance - Hypo 158 (Givaudan) Tocopherol (Mosselman) Tocopherol Euxyl K712 (Schülke & Mayr GmbH) Sodium Hydroxide	<u>% by Weight</u> <u>Functionality</u> 82.10 Carrier 0.60 Thickener 0.10 Active 10.00 Emollient 2.40 Emulsifier 1.60 Emulsifier 2.00 Co-emulsifier, Thickener 0.20 Fragrance 0.02 Antioxidant 1.00 Preservative q.s. pH Adjuster
	Total	100.00
Procedure	1. Heat phase 1 to 65°C (149°F) with mixing. 2. Heat phase 2 to 65°C (149°F) and homogenize. 3. Add phase 2 to phase 1 with mixing. 4. Homogenize 2 minutes with an ULTRA-TURRAX® mixer using high shear rates. 5. Cool down to 45°C (113°F) and add phase 3 under stirring, following the above described order. 6. Cool down to room temperature under stirring. **Note: Euxyl K712 supplied by Schülke & Mayr GmbH is defined chemically as: Aqua (and) Sodium Benzoate (and) Potassium Sorbate	
Physical Properties	Appearance, as is	White cream
	pH, as is	5.5
	Viscosity at 25°C, cps	34,900
Storage/ Stability	4 weeks at 25°C	Stable
	4 weeks at 45°C	Stable
	4 weeks at 5°C	Stable
Instructions for Use	Apply to skin and rub in.	

External
Comment

Marketing Notes: INCI List: Aqua, Lauryl Lactyl Lactate, Glyceryl Stearate, Cetyl Alcohol, PEG-40 Stearate, Carbomer, Glycerin, Larix Sibirica Wood Extract, Sodium Benzoate, Potassium Sorbate, Perfume, Tocopherol, Sodium Hydroxide

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STEPAN-MILD®

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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).
For ordering assistance, call our Account Service Department at 1-800-457-7673.

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