



SunKiss Cream 263-5.16

A SPF-30 mineral, tinted light cream, quickly fusing with skin tone for global sun protection with a soft-dry touch

RICHNESS

PROCESS

APPLICATION



FORMULATION FEATURES

- Ideal for Mediterranean climate
- Mineral sunscreen without 'greying effect' on skin
- Light, dry-soft after-feel
- Lowered process temperature
- Optimized ratios between mineral filters and oil phase

FUNCTIONAL INGREDIENTS

Heliofeel™ 22 MB (3%) – Emulsifier

- 3% to emulsify 15% of oil phase
- Soft & light after-feel

Lysofix™ Liquid (0.5%) – Co-emulsifier

- Improves the spreadability and dispersion of the tinted mineral filters (12%)

ACTIVE INGREDIENTS

IBR-SolAge™

- Fighting Glyc-Aging™ with pink microalga power
- Provides photoprotection

IBR-Snowflake® All Natural

- Freezes time for fresh and flawless skin
- Helps to reduce sweating



	INGREDIENT	INCI NAME	SUPPLIER	FUNCTION	%
A	Deionized Water Evicide® Levulinate B	Water Water (and) Sodium Levulinate (and) Sodium Benzoate	- Evident Ingredients	Vehicle Preservative	64.20 2.50
B	Satiaxane VPC 911	Xanthan Gum	Cargill	Gelling agent	0.60
C	Enhance U-T Rich	Titanium Dioxide (and) Iron Oxides (and) Silica	ADP cosmetics	Sunscreen filters	12.00
D	Lysofix™ Liquid	Glycerin (and) Glycine Soja (Soybean) Seed Extract	Lucas Meyer Cosmetics	Co-emulsifier	0.50
E	Heliofeel™ 22 MB	Glyceryl Stearate Citrate (and) Polyglyceryl-3 Stearate (and) Hydrogenated Lecithin	Lucas Meyer Cosmetics	Emulsifier	3.00
F	LexFilm™ Sun Natural MB Sweet Almond Oil	Capryloyl Glycerin/ Sebacic Acid Copolymer Prunus Amygdalus Dulcis (Sweet Almond) Oil	Inolex IMCD	Film former Emollient	2.00 13.00
G	IBR-SolAge™ IBR-Snowflake® All Natural	Simmondsia Chinensis (Jojoba) Seed Oil (and) Dunaliella Salina Extract Glycerin (and) Water (and) Leucojum Aestivum Bulb Extract	Lucas Meyer Cosmetics Lucas Meyer Cosmetics	Active ingredient Active ingredient	1.00 1.00
	Smooth Touch	Fragrance	IFF	Fragrance	0.20

Manufacturing Procedure:

1. Heat A and E at 70°C.
2. Add B into A under medium stirring and increase to the maximum stirring during 5min (rotor stator homogenizer).
3. Add C into AB gradually under medium stirring (tooth propeller), until the phase is homogeneous.
4. Add D into ABC under medium stirring (tooth propeller)
5. When ABCD and E are at 70°C, add E into ABCD and emulsify for 3min (rotor stator homogenizer).
6. Cool down the formula (tooth propeller).
7. Add F and G, one by one, at temperature below 40°C
8. Adjust pH at 5 ± 0.2 with citric acid.

Formula Specifications at D1:

Aspect: Brown cream
Viscosity (Brookfield LV, 25°C, spindle 4, 60 rpm, 1 min): 3 000 - 4 000 Cp
pH: 5.00 - 5.40
Preservative efficacy test: Pass
Pilot Batch: 16 kg

Stability Tests: On lab batch up to 3kg
1 month at 50°C
3 months at: Room Temperature, UV, 4-8°C and 45°C
Freeze thaw cycles (24h at -18°C and 24h at 45°C – 3 cycles)
D1 Centrifugation (3000 rpm, 20 min)
D1 Vibrating table (400rpm, 4h)

S U P P L E

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