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

LUCAS MEYER COSMETICS by Clariant

RICHNESS | **PROCESS** | **APPLICATION** (Suncare, Face care, Body care)

NATURAL ORIGIN 99.4% ISO 16128

• 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	Water	-	Vehicle	64.20
	Evicide® Levulinate B	Water (and) Sodium Levulinate (and) Sodium Benzoate	Evident Ingredients	Preservative	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**
	LexFilm™ Sun	Capryloyl Glycerin/ Sebacic Acid Copolymer	Inolex	Film former	2.00
	Natural MB Sweet Almond Oil	Prunus Amygdalus Dulcis (Sweet Almond) Oil	IMCD	Emollient	13.00
F	**IBR-SolAge™**	**Simmondsia Chinensis (Jojoba) Seed Oil (and) Dunaliella Salina Extract**	**Lucas Meyer Cosmetics**	**Active ingredient**	**1.00**
	IBR-Snowflake® All Natural	**Glycerin (and) Water (and) Leucojum Aestivum Bulb Extract**	**Lucas Meyer Cosmetics**	**Active ingredient**	**1.00**
G	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