

COOLING GEL-CREAM

16.236.04 C170

- Claims:**
- Thirst-quenching cool aqueous gel-cream
 - Very cool texture without cooling agent
 - Cold & fast process

PHASE	INGREDIENT	INCI NAME	SUPPLIER	%
A	Deionized Water	Water	-	83.50
	Dermofeel® PA-3	Sodium Phytate (and) Water (and) Alcohol	Dr Straetmans	0.10
	Chlorphenesin	Chlorphenesin	Azelis	0.30
	Phenoxyethanol	Phenoxyethanol	IMCD	0.60
	Unicert Blue 05601-J Solution 0.1%	Water (and) CI 42090	Sensient® Cosmetic Technologies	0.35
B	Lecigel™	Sodium Acrylates Copolymer (and) Lecithin	Lucas Meyer Cosmetics	1.75
C	Dub Inin	Isononyl Isononanoate	Stearinerie Dubois	4.00
	Dermofeel® BGC	Butylene Glycol Dicaprylate/Dicaprate	Dr Straetmans	3.00
	Saboderm TCC	Caprylic/Capric Triglyceride	Sabo	3.00
	Vitapherole® E-1000	Tocopherol (and) Helianthus Annuus (Sunflower) Seed Oil	VitaeNaturals	0.20
D	Hydralphatine™ Asia	Glycerin (and) Propylene Glycol (and) Hydrogenated Starch Hydrolysate (and) Panthenol (and) Bambusa Vulgaris Shoot Extract (and) Nelumbo Nucifera Flower Extract (and) Nymphaea Alba Root Extract	Lucas Meyer Cosmetics	1.00
	Suprem™ WP Sweet Almond	Water (and) Prunus Amygdalus Dulcis (Sweet Almond) Oil (and) Lecithin (and) Polyglyceryl-3 Diisostearate (and) Glycerin (and) Glyceryl Stearate	Lucas Meyer Cosmetics	2.00
E	7209630	Fragrance	IFF	0.20

Manufacturing Procedure: COLD process

1. Prepare A.
2. Add B into A and stir strongly (above 1200 rpm) until the product is thick and homogeneous.
3. Add C into AB under maximum stirring and keep under maximum stirring for 10 minutes.
4. Decrease stirring rate to medium level.
5. Add D (ingredients one by one) and E.
6. Adjust the pH if necessary.

Formula Specifications:

Aspect: Pale blue-green gel cream
 Viscosity (Brookfield LV, spindle 4, 6 rpm, 1 min): 25 000 - 45 000 cP
 pH: 5.5 - 6.0
 Preservative efficacy test: Pass
 Pilot batch: 28 kg

Stability Tests: On lab batch up to 3 kg

Up to 1 month at 50°C
 Up to 3 months at: Room Temperature, 4-8°C and 45°C
 Freeze thaw cycles (24h at 4°C and 24h at 45°C - 2 weeks)
 Centrifugation (3000 rpm, 20 min): Stable
 Vibrating table (400 rpm, 4h): Stable