

## HAIR CARE CREAM

14.356.02 C155

- Claims:**
- Instant leave-in detangler
  - Nutrition and reparation of porous hair damaged by chemical and thermal treatments
  - Paraben free

PHASE	INGREDIENT	INCI NAME	SUPPLIER	%
A	Deionized Water	Water	-	82.85
	Dermofeel® PA-3	Sodium Phytate (and) Water (and) Alcohol	Dr Straetmans	0.15
	Biophilic™ S	Lecithin (and) C12-16 Alcohols (and) Palmitic Acid	Lucas Meyer Cosmetics	6.00
	Chlorphenesin	Chlorphenesin	Azelis	0.30
B	Glycerin	Glycerin	Interchimie	1.00
	Satiaxane™ CX 911	Xanthan Gum	Cargill	0.70
C	Myritol® 318	Caprylic/Capric Triglyceride	BASF	1.50
	Lipex® Shea	Butyrospermum (Shea) Butter	AAK	2.00
	Abil® 350	Dimethicone	Evonik	1.00
	Vitapherole® E1000	Tocopherol (and) Helianthus Annuus (Sunflower) Seed Oil	VitaeNaturals	0.20
	Phenoxyethanol	Phenoxyethanol	IMCD	0.60
	Dermofeel® SL Sunflohair™	Sodium Stearoyl Lactylate Phospholipids (and) Helianthus Annuus (Sunflower) Seed Oil	Dr Straetmans Lucas Meyer Cosmetics	1.00 0.50
D	Suprem™ WP Argan	Water (and) Argania Spinosa Kernel Oil (and) Lecithin (and) Polyglyceryl-3 Diisostearate (and) Glycerin (and) Glyceryl Stearate	Lucas Meyer Cosmetics	2.00
E	Ambiance 2020	Fragrance	Vanessence	0.20

### Manufacturing Procedure:

1. Heat A and C up to 70-75°C.
2. Keep A under stirring for 20 minutes to hydrate phospholipids.
3. Add premix B into A and stir until the product is thick and homogeneous.
4. Add C into AB and stir strongly until the product is homogeneous.
5. Cool down under stirring.
6. Add D and E below 40°C.
7. Adjust the pH if necessary.

### Formula Specifications:

Aspect: White supple cream.  
 Viscosity (Rheo ELV8, Spindle 4, 6 rpm, 3 min): 15 000 - 25 000 mPa.s  
 pH: 5.0 - 5.5  
 Pilot batch: 15 kg

**Stability Tests:** On lab batch up to 300g  
 Up to 1 month at 50°C  
 Up to 3 months at: room temperature, 4-8°C and 45°C  
 Centrifugation (3000 rpm, 20 min): Stable