



**RICHNESS** | **PROCESS** | **APPLICATION**



### FORMULATION FEATURES

- By adding different amounts of water, unlock different viscosities with a nourishing skin feel: thick cream, supple cream, lotion, essence, spray.
- Pomade-like texture when not diluted with a silky feel
- 38% oil phase
- Oil-in-water emulsion

### FUNCTIONAL INGREDIENTS

#### Siligel™ (1%) – Gelling agent

- Thick cream to sprayable textures with hair conditioning effect

#### Heliofeel™ 22 MB (4%) – Emulsifier

- Soft, light & nourishing touch

#### Lysofix™ Liquid (2%) – Co-emulsifier

- Silky skin feel with pomade-like application in synergy with Heliofeel™

### ACTIVE INGREDIENTS

#### Superox-C™ AF

- Protects hair against UV damages

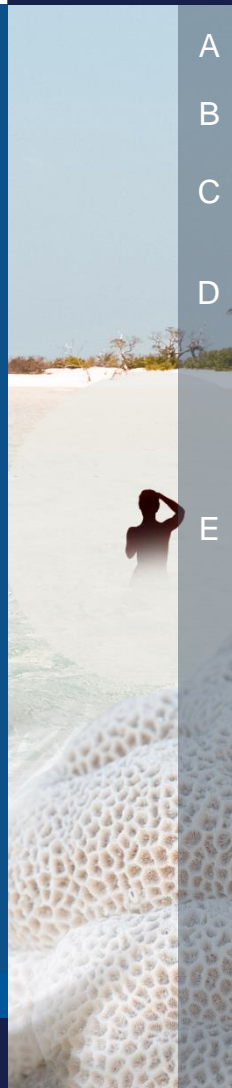
#### Wastar™ Pink Berry

- Soothes scalp irritation

#### SCB Hemp Seed Oil

- Nourishes hair

	INGREDIENT	INCI NAME	SUPPLIER	FUNCTION	%
A	Deionized Water	Water	Cooper Interchimie	Vehicle Humectant	43.75
	Glycerin Codex	Glycerin			
B	Siligel™	Xanthan Gum (and) Lecithin (and) Sclerotium Gum (and) Pullulan	Lucas Meyer Cosmetics	Gelling Agent	1.00
C	Lysofix™ Liquid	Glycerin (and) Glycine Soja (Soybean) Seed Extract	Lucas Meyer Cosmetics	Emulsifier	2.00
D	SCB Hemp Seed Oil	Cannabis Sativa Seed Oil	Lucas Meyer Cosmetics	Emollient Emulsifier	2.00
	Heliofeel™ 22 MB	Glyceryl Stearate Citrate (and) Polyglyceryl-3 Stearate (and) Hydrogenated Lecithin	Lucas Meyer Cosmetics		
E	Sun E 1000	Tocopherol (and) Helianthus Annuus (Sunflower) Seed Oil	AOM	Antioxidant	0.05
	Lipex 106™	Shorea Stenoptera Seed Butter	AAK	Thickener	20.00
	Dub Zenoat	Propanediol Dicaprylate	Stéarinerie Dubois	Emollient	16.00
	Lanette® 14	Myristyl Alcohol	BASF	Thickener	2.00
E	E-leen® Green B	Pentylene Glycol (and) Water (and) Sodium Benzoate (and) Benzoic Acid	Minasolve	Preservative	3.00
	Wastar™ Pink Berry	Maltodextrin (and) Schinus Terebinthifolia Seed Extract	Lucas Meyer Cosmetics	Active ingredient	1.00
	Superox-C™ AF	Glycerin (and) Water (and) Terminalia Ferdinandiana Fruit Extract	Lucas Meyer Cosmetics	Active ingredient	2.00
E	D-Panthenol	Panthenol	DSM	Hair Conditionner	1.00
	Olive Caress	Fragrance	IFF	Fragrance	0.20



#### Manufacturing Procedure:

- Prepare and heat phase A and D at 75°C.
- Add phase B into A and develop the gel under high shear for 5 minutes (rotor stator homogenizer)
- Add C into AB and maintain under medium stirring until the product is homogeneous
- Add D into ABC, increase agitation to emulsify. Keep under maximum stirring for 10 minutes (Rotor stator homogenizer).
- Cool down with tooth propeller and add E (one by one) at T°C<40°C

#### Formula

**Specifications at D1:**  
Aspect: White thick cream  
Viscosity: (Brookfield RV, 25°C, spindle 94, 50 rpm, 1min): 10 000 - 14 000 mPa.s  
pH: 5.0 - 5.5  
Challenge test: pass  
Pilot batch: 45kg

**Stability Tests:** On lab batch 3 kg  
Up to 1 months 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

\*Natural Origin Content calculated at the best of our knowledge in accordance with our understanding of ISO standard 16128. The content was calculated with suppliers' information on naturalness when available or otherwise with our estimations.

**THICK**

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