



Hairfulness Conditioner 15-1.16C

Creamy conditioner to leave-on or rinse-off, protecting and repairing for glowing sleek hair with a light satiny touch



LUCASMEYER
COSMETICS
by IFF

RICHNESS

PROCESS

APPLICATION



FORMULATION FEATURES

- Supple lotion with non-greasy after feel
- Light and satiny touch
- Leave-on or rinse-off
- Glowing luminous hair
- Global protective & repairing actions
- Revitalizing & refreshing blissful scent

FUNCTIONAL INGREDIENTS

Siligel™ (1%) – Gelling agent

- Supple lotion
- Conditioning properties
- Glide

Heliofeel™ (4%) – Emulsifier

- Non-greasy after-feel
- Light & satiny smooth skin/hair feel

ACTIVE INGREDIENTS

Superox-C™ AF & Exo-P™

- Protects hair against UV damage while preserving hair structure for glowing hair
- Protects hair against air & water pollution for radiant hair

Sunflohair™

- Repairs hair fiber from the inside and improves combability

		INGREDIENT	INCI NAME	SUPPLIER	FUNCTION	%
	A	Deionized Water Dermofeel® PA-3 Glycerin E-Leen® Green B	Water Sodium Phytate (and) Water (and) Alcohol Glycerin Pentylene Glycol (and) Water (and) Sodium Benzoate (and) Benzoic Acid	- Dr Straetmans Interchimie Minasolve	Vehicle Chelating Agent Humectant Preservative	70.15 0.10 7.00 2.00
	B	Siligel™	Xanthan Gum (and) Lecithin (and) Sclerotium gum (and) Pullulan	Lucas Meyer Cosmetics	Gelling agent	1.00
	C	Dub Zenoat® Castor Oil	Propanediol Dicaprylate Ricinus Communis (Castor) Seed Oil	Stearinerie Dubois Henry Lamotte Oils	Emollient Emollient	9.00 2.00
	D	Heliofeel™ Sunflohair™ Vitapherole® E1000	Glyceryl Stearate Citrate (and) Polyglyceryl-3 Stearate (and) Hydrogenated Lecithin Phospholipids (and) Helianthus Annuus (Sunflower) Seed Oil Tocopherol (and) Helianthus Annuus (Sunflower) Seed Oil	Lucas Meyer Cosmetics Lucas Meyer Cosmetics VitaeNaturals	Emulsifier Active Ingredient Antioxidant	4.00 2.00 0.05
	E	Superox-C™ AF	Glycerin (and) Water (and) Terminalia Ferdinandiana Fruit Extract	Lucas Meyer Cosmetics	Active Ingredient	2.00
	F	Exo-P™	Water (and) Butylene Glycol (and) Alteromonas Ferment Extract	Lucas Meyer Cosmetics	Active Ingredient	0.50
	G	30F27313	Fragrance	IFF	Fragrance	0.20

Manufacturing Procedure:

1. Heat phase A and C up to 75°C.
2. Sprinkle phase B into phase A under strong stirring until the gel is homogeneous (rotor-stator homogenizer).
3. Add D into C (just before emulsifying) then CD into AB and increase stirring rate up to maximum stirring and maintain for 3 minutes (Rotor-stator homogenizer).
4. Cool down under medium stirring below 40°C.
5. Add E, F and G one by one under slow stirring until the product is homogeneous.
6. Adjust the pH if necessary, with a solution of sodium hydroxide.

Formula Specifications:

Aspect: Light beige fluid
Viscosity (Brookfield LV, 25°C, spindle 3, 6rpm, 1min): 9000 - 11 000 cP
pH: 5.00 - 5.50
Preservative efficacy test: Pass
Pilot batch: 24 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)
Freezer (24h -18°C and 24h RT)
Centrifugation D1 (3000 rpm, 20 min): Stable
Vibrating table D1 (400 rpm, 4h): Stable

S U P P L E

*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.

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