



FORTIFY LEAVE IN HAIR CONDITIONER

TN17019HC085

Formulation Features:

Silicone free hair conditioner, provides smooth and silky feel after applied. Hair is repair from root to end, split-ends and fly-aways hair is reduced.

Functional Ingredients:

Siligel



- Amazing silicone like skin feel: high gliding
- and ultra soft effect
- Thickener, co-emulsifier, stabilize

Heliofeel 22MB



- Natural lamellar/micellar OW emulsifier
- Light skin feel and easy spreadability
- Versatile formulas from sprayable to cream

Active Ingredient:

Sunflohair



- Restructuring and protective action on the hair fiber



Appearance of finished formulation

	Trade Name	INCI Name	%	Supplier	Function
A	1 DI Water	Water	78.60		Diluent
	2 IndiEO GLE-260A	Glycereth-26	3.00	Sina BT	Emollient, humectant
	3 Siligel	Xanthan Gum(&) Lecithin(&) Sclerotium Gum (&) Pullulan	0.50	Lucas Meyer Cosmetics	Gelling agent, skin feel enhancer
B	4 Amisol Trio	Phospholipids (and) Glycine soja (Soybean) Oil (and) Glycolipids (and) Glycine soja (Soybean) Sterols	2.00	Lucas Meyer Cosmetic	Hair conditioning, soothing of scalp itching, repair split-ends
C	5 Heliofeel 22MB	Glyceryl Stearate Citrate (&) Polyglyceryl-3 Stearate (&) Hydrogenated Lecithin	3.00	Lucas Meyer Cosmetics	Versatile emulsifier, light skin feel
	6 Cetearyl Alcohol	Cetearyl Alcohol	4.00		Structuring agent
	7 Organic Virgin Jojoba Oil	Olea Europaea (Olive) fruit oil	2.00	Olvea	Emollient, moisturizing
	8 Nikkol Sugar Squalane	Squalane	4.00	Nikkol Group	Moisturizer, emollient
	9 Sunflo Hair	Phospholipids (and) Helianthus Annuus (Sunflower) Seed Oil	0.50	Lucas Meyer Cosmetics	Protection and repairing of hair fiber,easier combing from root to end
	10 Oryza Tocotrienol	Tocotrienols(&) Tocopherol(&) Oryza Sativa(rice) Bran Oil	0.10	Nikkol Group	Anti oxidant
D	11 Greyverse	Glycerin (and) Water (and) Palmitoyl Tetrapeptide-20	0.50	Lucas Meyer Cosmetics	Reverses hair greying process to progressively recover natural hair color for a younger and more confident look
	12 Capixyl	Water (and) Butylene Glycol (and) Dextran (and) Acetyl Tetrapeptide-3 (and) Trifolium Pratense (Clover) Flower Extract	1.00	Lucas Meyer Cosmetics	Clinically proven to helps stronger and thicker hair
	13 Troycare PE73	Phenoxyethanol, Ethylhexylglycerin	0.60	Troy	Preservative
	14 Perfume	Fragrance	0.20		Fragrance

Procedure:

1. In main vessel, add in A1 to A3, stir with high speed until dissolved.
- 2.Heat up the bulk to 70-75C, add in B, maintain the heat and stirring for 20minutes to hydrate phospholipids.
3. Heat up part C separately to 70-75C.
4. Add in part C into part A, homogenise for 5 minutes. Start cooling with medium agitation.
5. When temperature is below 45C, add in part D one by one and stir well.



Product Properties @ 25°C:

Appearance : Light beige emulsion

Viscosity (RVT, sp 4, 20 rpm): 6000-8000cps

pH: 4.50-5.50

*Suggested active ingredients:

1. **VCIP**-Cuticle hair recovery, instant repair
2. **Soline BIO**- Protects hair scale from UV rays damages, anti breakage and detangle wet & dry hair
3. **Fermentoil Hair Complex**- Taming frizz hair, promoting shine and gloss, moisturizing

Stability Test:

- Passed 3 months RT and 45C oven test
- Passed centrifuge test: 3000rpm, 20minutes

Remarks:

Troycare PE73:Phenoxyethanol(70%), Ethylhexylglycerin (30%)



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