



REGENERATIVE HAIR SPRAY

TN30083HC279/5B

Formulation Features:

Emulsion spray with hair growth actives, improve hair density and regenerative hair follicles as well as keep balanced scalp ecosystem

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 Ingredients:

Capixyl



- Proven efficacy in rinse off & leave on to increase hair growth phase
- visibly improve hair density

Defensescalp

- Rebalances scalp ecosystem homeostasis



Appearance of finished formulation



	Trade Name	INCI Name	%	Supplier	Function
A	1 DI Water	Water	82.60		Diluent
	2 4Na EDTA	Tetrasodium EDTA	0.10		Chelating agent
	3 IndiEO GLE260A	Glycereth-26	2.00	Sina BT	Humectant
	4 Siligel	Xanthan Gum & Lecithin & Sclerotium Gum & Pullulan	0.70	Lucas Meyer Cosmetics	Silicone-like thickener, stabilizer
B	5 Heliofeel 22MB	Glyceryl Stearate Citrate & Polyglyceryl-3 Stearate & Hydrogenated Lecithin	2.00	Lucas Meyer Cosmetics	Emulsifier
	6 Fermentoil Hair Complex	PseudozymaEpicola/PrunusAmygdalusDulcis(Sweet Almond) Oil/Camellia Japonica Seed Oil/ArganiaSpinosaKernel Oil/Helianthus Annuus(Sunflower) Seed Oil/Camellia Sinensisseed Oil	5.00	Labio	Taming frizz hair, promoting shine and gloss, moisturizing
	7 Oryza Tocotrienol	Tocotrienols(&) Tocopherol(&) Oryza Sativa(rice) Bran Oil	0.10	Nikkol Group	Anti oxidant
C	8 Capixyl	Butylene Glycol (and) Water (and) Dextran (and) Acetyl Tetrapeptide 3 (and) Trifolium Pratense (Clover) Flower Extract	5.00	Lucas Meyer Cosmetics	Proven efficacy in rinse-off and leave-on Increases hair growth phase (anagen) Visibly improves hair density Rebalances scalp microbiota (rinse-off) Lashes: Increases lash density and length
	9 Defensescalp PF	Glycerin & Water & Epilobium Angustifolium Flower/Leaf/	1.50	Lucas Meyer Cosmetics	Rebalances scalp ecosystem homeostasis
	10 Geogard ECT	Benzyl Alcohol, Salicylic Acid, Sorbic Acid, Glycerin	1.00	Arxada	preservative

Procedure:

- 1.Add in A2 &A3 onto water, Stir until dissolved.
2. Sprinkle A4 under moderate agitation, increase speed to 2000rpm for 20-30minutes or homogenise for 10minutes with 3000rpm.
3. Heat up part A and B separately to 70-75C.
4. While maintaining the temperature, add part B into part A under homogenization with speed 3500rpm for 10minutes.
5. Gentle mixing while cooling down without ice water bath.
2. Add in part C one by one when temperature below 45C.
- 3.Adjust pH if necessary.

Product Properties @ 25°C:

Appearance : Fluid white emulsion

Viscosity (RVT, sp 4, 20 rpm): 500-1000cps

pH: 4.50-5.50

Stability Test:

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

Remarks:



*Suggested active ingredients:

1. **Hairdian** Promote autophagy of dermal papilla cells promote hair follicles from telogen enter to anagen phase
2. **Skinhairgum** Delay transition to catagen phase, fortifying and strengthening hair follicles



Contact Us

csr@technecture.com

