SK 050

CALMING SKIN PERFECTING SERUM

This minimalist serum, formulated with **NATURSOL™ EMI 30**, provides a lightweight and gentle sensory experience specifically designed for sensitive skin. Its carefully balanced composition allows for easy spreading, resulting in a smooth, silky texture and a soft, non-greasy finish upon application.

PHASE	TRADE NAME	INCI (EU)	FUNCTION	Wt. %
A	Deionized Water	Aqua	Solvent	qsp 100
	Glycerin	Glycerin	Humectant	2.00
B	**NATURSOL™ EMI 30** [1]	**Acrylate/Sodium Acryloyldimethyl Taurate Copolymer, Octyldodecyl Myristate, Caprylyl/Capryl Glucoside**	**Rheology modifier**	**1.50**
C	DUB 810 C [2]	Coco-Caprylate/Caprate	Emollient	5.00
D	Lipobelle Pino C [3]	Pinus Cembra Wood Extract, Cannabis Sativa Seed Oil, Cannabis Sativa Leaf Extract, Lecithin, Alcohol, Pentylene Glycol, Tocopherol, Water (Aqua)	Active ingredient	0.40
	CALMandrin [3]	Citrus Reticulata (Tangerine) Extract, Glycerin, Pentylene, Glycol, Water (Aqua)	Active ingredient	1.00
E	Linatural Ultra-3 [4]	Phenetyl Alcohol, Pentylene Glycol, Propanediol	Preservative	2.00

Suppliers: [1] SNF; [2] Stéarinerie Dubois; [3] Mibelle AG Biochemistry; [4] Lincoln Manufacturing

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Process

- **Phase A**: At room temperature, under agitation add glycerin into water.
- Weigh **Phase B** and add it to **Phase A** while stirring. Mix well for 10 min at 800-1000 rpm.
- Add **Phase C** to the **Phase A+B** mixture and stir for 15 min at 1000 rpm.
- Incorporate **Phase D** and **Phase E** and mix until homogeneous.

Properties*

- **Appearance:** white serum
- **pH:** 5.8 – 6.2
- **Viscosity**:** 11000 – 13000 cP
- **Stability***:** Passed 3 months @ RT, 40°C and 1 month @ 50°C
  Passed LumiSizer test (equivalent 9 months @ 40°C)

* Measured after 24 hours
** Brookfield RVT, 20 rpm, spindle 5
*** Parameters : 3h14/ 40°C/ intensity 2/ filter 870nm/ 2000g

Benefits *NATURSOL™ EMI 30*

- High natural (51%) origin content (ISO 16128)
- Cold process
- Multifunctional polymer: thickener, stabilizer, and texturizing
- Pre-neutralized liquid/ready to use
- Can be used as unique emulsifier

Note: Sufficient preservative system required. SNF doesn't guarantee microbiological stability.

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