



Face Cream with Hemp Seed Oil

DESCRIPTION

This silicone-free facial moisturizer is created from premium, mild, skin-nourishing ingredients to maintain healthy skin by providing lightweight, buildable moisture without greasy residue. This cream features a combination of naturally-derived emulsifiers to produce an emulsion that is thick and creamy, yet has a lightweight invisible feel. **Cola®Fax CPE** provides a dry, silky rub-out, while phospholipid-based **Cola®Lipid ST** adds a creamier body and acts as a skin conditioner to smooth and soften. Also included is **Cola®Moist 200** for long-lasting hydration, promoting healthy, hydrated skin. Gentle enough for daily use on all skin types.

FORMULATION

Order	INCI Name	Trade Name	%
A	Water	Water	qs to 100.00
A	Cetyl Hydroxyethylcellulose	Natrosol™ Plus 330CS ¹	0.40
A	Cetyl Phosphate	Cola®Fax CPE	1.00
A	Potassium Hydroxide	KOH, 45%	0.60
A	Stearamidopropyl PG-Dimonium Chloride Phosphate	Cola®Lipid ST	3.00
A	Hydroxypropyl Bis-Hydroxyethylmonium Chloride	Cola®Moist 200	1.00
B	Cetyl Alcohol	Lanette® 16 ²	2.50
B	Myristyl Myristate	HallStar® MM ³	3.75
B	Isopropyl Palmitate	HallStar® IPP-NF ³	5.00
B	Coco-Caprylate	Cetio® C 5 ²	1.25
B	Cannabis Sativa Seed Oil	Hemp Seed Oil	1.50
C	Phenoxyethanol and Ethylhexylglycerin	Euxyl® PE 9010 ⁴	0.50
C	Fragrance	Fragrance ⁵	0.20

¹Ashland, ²BASF, ³HallStar, ⁴Schülke & Mayr, ⁵Orchidia Fragrances

PROCEDURE

1. Disperse Natrosol™ Plus 330CS in water. Mix until uniform, then add potassium hydroxide.
2. Continue mixing until completely hydrated, then heat to 60 – 65°C.
3. Once at temperature, add Cola®Fax CPE. Continue mixing until completely incorporated.
4. Add remaining Phase A ingredients, mixing until uniform.
5. In a separate vessel, combine Phase B ingredients and heat to 60 – 65°C.
6. Once both phases are at temperature, slowly add Phase B to Phase A with good mixing.
7. Cool to 50 – 55°C and homogenize.
8. Continue cooling to 40 – 45°C and add remaining Phase C ingredients.

TYPICAL PROPERTIES

Appearance	Opaque
pH	6.0 – 7.0
Viscosity	300,000 – 500,000 P

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