



Face Cream with Coconut Oil

DESCRIPTION

This formulation features **Cola®Fax CPE**, **Cola®Lipid ST** and **Cola®Moist 200**. The cream offers intense moisturizing and skin-nourishing properties with the benefits of phospholipid-based emulsifiers. The lightweight cream provides a natural, hydrating touch and works on all skin types.

FORMULATION

Order	INCI Name	Trade Name	%
A	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		0.40
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	Cetiol® C 5 ²	1.25
B	Cocos Nucifera (Coconut) Oil		0.60
C	Phenoxyethanol and Ethylhexylglycerin	Euxyl® PE 9010 ⁴	0.50
C	Fragrance	Calming ⁵	0.20

PROCEDURE

1. Disperse Natrosol™ Plus 330CS and ColaFax CPE in water.
2. Adjust pH above 8.5 with potassium hydroxide. Begin heating to 60°C.
3. Once homogeneous, add remaining Phase A ingredients.
4. In a separate vessel, heat Phase B to 60°C.
5. Once both phases are at 60°C, add Phase B to Phase A with good mixing.
6. Cool to 50°C and homogenize.
7. Cool to 45°C and add remaining Phase C ingredients.

TYPICAL PROPERTIES

Appearance Opaque
pH 5.5 – 6.0
Viscosity 500,000 P

SUPPLIERS

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

Colonial Chemical, Inc. *Natural Surfactants*

225 Colonial Drive • South Pittsburg, TN 37380 • Phone: 423-837-8800 • Fax: 423-837-3888

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