



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 | White Lily 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 cps

SUPPLIERS

¹Ashland, ²BASF, ³HallStar, ⁴Schülke & Mayr, ⁵Belle-Aire Fragrances

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