



## Cold Cream Cleanser

### DESCRIPTION

This formulation features **Cola®Fax CPE**, **Cola®Lipid ST**, and **Cola®Moist 200** in a moisturizing cleanser that will effectively remove makeup and leave you with soft, glowing skin.

### FORMULATION

Phase	INCI Name	Trade Name	%
A	Water	Water	qs to 100.00
A	Cetyl Hydroxyethylcellulose	Natrosol™ Plus 330CS <sup>1</sup>	0.40
A	Cetyl Phosphate	<b>Cola®Fax CPE</b>	1.00
A	Potassium Hydroxide	Potassium Hydroxide, 45%	0.60
A	Stearamidopropyl PG-Dimonium Chloride Phosphate	<b>Cola®Lipid ST</b>	3.00
A	Hydroxypropyl Bis-Hydroxyethylmonium Chloride	<b>Cola®Moist 200</b>	1.00
B	Cetyl Alcohol	Lanette® 16 <sup>2</sup>	2.50
B	White Mineral Oil	Carnation® White Mineral Oil <sup>3</sup>	10.00
B	Coco-Caprylate	Cetiol® C 5 <sup>2</sup>	2.50
B	Cocos Nucifera (Coconut) Oil	Coconut Oil	1.20
C	Phenoxyethanol and Ethylhexylglycerin	Euxyl® PE 9010 <sup>4</sup>	0.50
C	Fragrance	WS Calming Fragrance <sup>5</sup>	0.20

### 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           150,000 – 200,000 cP

### SUPPLIERS

<sup>1</sup>Ashland, <sup>2</sup>BASF, <sup>3</sup>Sonneborn, <sup>4</sup>Schülke & Mayr, <sup>5</sup>Orchidia Fragrances

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