



Natural Glow Hand & Body Cream

DESCRIPTION

In this formulation, **Cola®Mulse 3GO** acts as a skin-conditioning emulsifier and is combined with **Cola®Fax CPE** to give an elegant, silky rub-out. The combination of these all-natural, PEG-free emulsifiers creates a moisturizer with a creamy texture that leaves the skin smooth, hydrated, and velvety soft.

FORMULATION

Order	INCI Name	Trade Name	%
A	Water	Water	qs to 100.00
A	Cetyl Hydroxyethylcellulose	Natrosol™ Plus 330CS ¹	0.25
A	Potassium Hydroxide	KOH, 45%	0.60
A	Cetyl Phosphate	Cola®Fax CPE	1.00
A	Glycerin	Glycerin	2.00
A	Polyglyceryl-3 Oleate	Cola®Mulse 3GO	0.50
B	Isopropyl Myristate	Isopropyl Myristate ²	6.00
B	Caprylic/Capric Triglyceride	Jarchem™ MCT M-5 ³	3.00
B	Vitis Vinifera (Grape) Seed Oil	Grapeseed Oil ⁴	3.00
B	Coco-Caprylate	Cetio® C 5 ²	2.50
B	Cetyl Alcohol	Lanette® 16 ²	4.00
C	Phenoxyethanol and Ethylhexylglycerin	Euxyl® PE 9010 ⁵	0.50
C	Fragrance	WS Sandalwood Fragrance ⁶	0.10

¹Ashland, ²BASF, ³Jarchem Innovative Ingredients, ⁴Jedwards, ⁵Schülke & Mayr, ⁶Orchidia 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.
9. Once uniform, fill containers and allow to cool.

TYPICAL PROPERTIES

Appearance	Opaque Cream
pH	6.0 – 7.0
Viscosity	150,000 – 200,000 cP

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