



Clean & Simple Face Wash

DESCRIPTION

This sulfate-free daily face wash is designed with safe, mild ingredients. Featured products include plant-based **Suga®Citrate L1C**, **Cola®Teric BBS**, **Cola®Teric CBS**, and **Cola®Mate LA-40 MB** to create a gentle lather that effectively lifts away dirt and oils. Also featured are skin-conditioning **Cola®Lipid C** and moisture-locking **Cola®Moist BE 200 MB** so your skin is left feeling healthy, not tight or dry.

FORMULATION

Order	INCI Name	Trade Name	%	Function
1	Water	Water	qs to 100.00	Carrier
2	Disodium Laurylglucosides Hydroxypropyl Citrate	Suga®Citrate L1C	15.00	Ultra-mild primary surfactant
3	Disodium Lauryl Sulfosuccinate	Cola®Mate LA-40 MB	7.00	Foam boosting co-surfactant
4	Babassuamidopropyl Hydroxysultaine	Cola®Teric BBS	7.00	Viscosity build
5	Cocamidopropyl Hydroxysultaine	Cola®Teric CBS-UL	5.00	Viscosity build
6	Cocamidopropyl PG-Dimonium Chloride Phosphate	Cola®Lipid C	0.50	Skin conditioning, antimicrobial*
7	Hydroxypropyl Bis-Hydroxyethylidimonium Chloride	Cola®Moist BE 200 MB	3.00	Humectant
8	Fragrance	Fragrance ¹	0.15	Fragrance
9	Benzyl Alcohol and Ethylhexylglycerin and Tocopherol	Euxyl® K 900 ²	0.70	Preservative

*Not an EPA registered active ingredient

¹Orchidia Fragrances, ²Schülke & Mayr

PROCEDURE

1. Combine ingredients 1 – 2 and heat to 45 – 50°C.
2. Add ingredient 3 and mix until completely dissolved.
3. Add ingredients 4 – 7 while beginning to cool.
4. Once uniform, add ingredients 8 – 9 and continue mixing until clear.
5. Adjust pH as necessary with citric acid (viscosity is pH dependent, increasing at lower pH).

TYPICAL PROPERTIES

Appearance Clear, Viscous Liquid
pH 5.0 – 5.5
Viscosity 2,000 – 4,000 cP
Surfactant Solids 16.4 – 17.6%

INGREDIENTS

Water, Disodium Laurylglucosides Hydroxypropyl Citrate, Babassuamidopropyl Hydroxysultaine, Disodium Lauryl Sulfosuccinate, Cocamidopropyl Hydroxysultaine, Hydroxypropyl Bis-Hydroxyethylidimonium Chloride, Cocamidopropyl PG-Dimonium Chloride Phosphate, Benzyl Alcohol, Ethylhexylglycerin, Tocopherol, Fragrance

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