



Salon Shampoo (Sulfate-Free)

DESCRIPTION

This formulation utilizes **Cola®Det EQ-18** in a sulfate-free shampoo featuring luxurious lather, easy rinsing, extra-gentle cleansers and appealing fragrance for a multi-sensorial, spa-like experience. **Suga®Det Pearl** is used to easily generate a pearlescent formulation with minimal heating.

FORMULATION

Order	INCI Name	Trade Name	%
1	Water		qs to 100.00
2	Decyl Glucoside, Cocamidopropyl Hydroxysultaine, Cocamidopropyl Betaine, Cocamide MIPA, Disodium Laureth Sulfosuccinate, Disodium Lauryl Sulfosuccinate	Cola®Det EQ-18	40.00
3	PEG-150 Pentaerythrityl Tetrastearate and Aqua and PEG-6 Caprylic/Capric Glycerides	Crothix™-PA ¹	1.30
4	Water and Glycol Distearate and Sodium Hydroxypropylphosphate Decylglucoside Crosspolymer and Cocamidopropyl Betaine and Sodium Stearoyl Lactylate	Suga®Det Pearl	2.00
5	Cyclopentasiloxane and Dimethicone	Mirasil® C-DM ²	1.00
6	Dimethicone	Mirasil® DM 300,000 ²	1.00
7	Phenethyl Alcohol, Caprylyl Glycol	Iscaguard® PFA ³	0.70
8	Fragrance	Green Tea ⁴	0.15

PROCEDURE

1. Combine ingredients 1-2.
2. Heat to 60°C.
3. Add ingredient 3 and mix until completely melted.
4. Cool below 50°C and add remaining ingredients.
5. Adjust pH to 5.5 – 6.0 with citric acid or sodium hydroxide.

TYPICAL PROPERTIES

Appearance Pearlescent Viscous Liquid
pH 5.5 – 6.0
Viscosity 8,000 - 10,000 cps

SUPPLIERS

¹Croda, ²Bluestar Silicones, ³ISCA, ⁴Premier

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