



## 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	<b>Cola®Det EQ-18</b>	40.00
3	PEG-150 Pentaerythrityl Tetrastearate and Aqua and PEG-6 Caprylic/Capric Glycerides	Crothix™-PA <sup>1</sup>	1.30
4	Water and Glycol Distearate and Sodium Hydroxypropylphosphate Decylglucoside Crosspolymer and Cocamidopropyl Betaine and Sodium Stearoyl Lactylate	<b>Suga®Det Pearl</b>	2.00
5	Cyclopentasiloxane and Dimethicone	Mirasil® C-DM <sup>2</sup>	1.00
6	Dimethicone	Mirasil® DM 300,000 <sup>2</sup>	1.00
7	Phenethyl Alcohol, Caprylyl Glycol	Iscaguard® PFA <sup>3</sup>	0.70
8	Fragrance	Green Tea <sup>4</sup>	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 cP

### SUPPLIERS

<sup>1</sup>Croda, <sup>2</sup>Bluestar Silicones, <sup>3</sup>ISCA, <sup>4</sup>Premier

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