



## 90% Biobased Shampoo

### DESCRIPTION

This daily shampoo is designed with plant-based ingredients and is easily made with a cold process. Highly biobased **Cola®Det COCO** comes as a ready-to-use blend and is combined with **Poly Suga®Quat TM8610P** to provide a rich lather with light conditioning. Also included is hemp-based **Cola®Teric HBS** to boost viscosity, allowing for a “no salt added” formulation.

### FORMULATION

Order	INCI	Trade Name	%
1	Water	Water	qs to 100.00
2	Sodium Coco-Sulfate and Cocamidopropyl Hydroxysultaine and Coco-Glucoside	<b>Cola®Det COCO</b>	30.00
3	Cannabisamidopropyl Hydroxysultaine and Water and Propanediol	<b>Cola®Teric HBS</b>	0.50
4	Polyquaternium-77	<b>Poly Suga®Quat TM8610P</b>	4.00
5	Sodium Benzoate and Potassium Sorbate	Euxyl® K712 <sup>1</sup>	1.00
6	Fragrance	Lush Pomegranate Fragrance <sup>2</sup>	0.20
7	Citric Acid	Citric Acid, 50%	qs to pH 5.0 – 5.5

### PROCEDURE

1. Combine ingredients 1 – 3. Mix until uniform.
2. Add ingredients 4 – 6 and continue mixing until clear and uniform.
3. Adjust to pH 5.0 – 5.5 with ingredient 7 (~0.42%).

### TYPICAL PROPERTIES

Appearance Clear, Viscous Liquid  
pH 5.0 – 5.5  
Viscosity 5,000 – 10,000 cP

### SUPPLIERS

<sup>1</sup>Schülke & Mayr, <sup>2</sup>Orchidia Fragrances

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