



## Beard Wash (Sulfate-Free, Betaine-Free)

### DESCRIPTION

Formulated with naturally-based ingredients, this beard wash is carefully crafted to be tough on coarse facial hair, yet gentle on the sensitive skin underneath. The combination of **Cola®Det DEF-61** and **Cola®Mate LA-40** creates a rich lather that surrounds each strand, effectively removing excess oil and contaminants without the use of harsh irritants. **Cola®Lipid SAFL** gently conditions and soothes the skin underneath, promoting healthy hair growth and leaving your beard softer and more manageable. This wash is mild enough for daily use to keep your beard clean, healthy, and shiny.

### FORMULATION

Order	INCI Name	Trade Name	%
1	Water	Water	qs to 100.00
2	Water, Sodium C14-16 Olefin Sulfonate, Cocamidopropyl Hydroxysultaine, Cocamide MIPA	<b>Cola®Det DEF-61</b>	25.00
3	Disodium Lauryl Sulfosuccinate	<b>Cola®Mate LA-40</b>	4.00
4	Linoleamidopropyl PG-Dimonium Chloride Phosphate	<b>Cola®Lipid SAFL</b>	2.00
5	Sodium Chloride	Sodium Chloride	0.20
6	Fragrance	Artistic Man Fragrance <sup>1</sup>	0.20
7	Sodium Benzoate and Potassium Sorbate	Euxyl® K712 <sup>2</sup>	1.00
8	Citric Acid	Citric Acid, 50%	0.40

### PROCEDURE

1. Combine ingredients 1 – 2 with moderate agitation and begin heating to 40 – 45°C.
2. Once homogeneous and at temperature, add ingredient 3 and continue mixing until completely dissolved.
3. Once dissolved, add ingredients 4 – 7. Mix until clear and homogeneous.
4. Adjust to pH 5.0 – 5.5 with ingredient 8.

### TYPICAL PROPERTIES

Appearance	Clear, Viscous Liquid
pH	5.0 – 5.5
Viscosity	4,000 – 6,000 cP
% Solids	13.0 – 14.2

### SUPPLIERS

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

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