



## 95% Biobased Foaming Face Wash (Sulfate-Free)

### DESCRIPTION

This highly biobased face wash is designed with gentle, non-drying ingredients and is easily made with a cold process. Featured products include ultra-mild **Suga®Citrate L1C**, foam-boosting **Suga®Det LSDG**, and skin-conditioning **Cola®Lipid C** to effectively remove dirt and oil without stripping. To use, massage foam onto dry skin in a circular motion, then rinse clean.

### FORMULATION

Order	INCI Name	Trade Name	%
1	Water	Water	qs to 100.00
2	Glycerin	Glycerin	10.00
3	Disodium Laurylglucosides Hydroxypropyl Citrate	<b>Suga®Citrate L1C</b>	20.00
4	Disodium Lauryl Sulfosuccinate and Decyl Glucoside	<b>Suga®Det LSDG</b>	8.00
5	Cocamidopropyl PG-Dimonium Chloride Phosphate	<b>Cola®Lipid C</b>	2.00
6	Sodium Benzoate and Potassium Sorbate	Euxyl® K712 <sup>1</sup>	0.70
7	Fragrance	Sea Air & Lavender <sup>2</sup>	0.10
8	Citric Acid	Citric Acid 50%	qs to pH 5.0 – 5.5

### PROCEDURE

1. Combine ingredients 1 – 7 in order. Mix until clear and uniform.
2. Adjust to pH 5.0 – 5.5 with ingredient 8 (~1.0%).

### TYPICAL PROPERTIES

Appearance      Clear Liquid  
pH                    5.0 – 5.5  
Viscosity          < 50 cP

### SUPPLIERS

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