



## Creamy Coco Hand Wash

### DESCRIPTION

This plant-based hand wash has a rich, luxurious feel and is easy to formulate with a cold-mixable process. Featured ingredient **Cola®Det COCO** comes as a ready-to-use blend and gives high foam with a creamy lather. Also included is 100% biobased **Suga®Nate 160NC** to reduce the irritation potential and the level of salt needed to reach the desired viscosity.

### FORMULATION

Order	INCI	Trade Name	%
1	Water	Water	qs to 100.00
2	Sodium Coco-Sulfate, Cocamidopropyl Hydroxysultaine, Coco-Glucoside	<b>Cola®Det COCO</b>	15.00
3	Sodium Laurylglucosides Hydroxypropylsulfonate	<b>Suga®Nate 160NC</b>	7.25
4	Sodium Benzoate and Potassium Sorbate	Euxyl® K712 <sup>1</sup>	1.00
5	Fragrance	WS Calming Fragrance <sup>2</sup>	0.20
6	Citric Acid	Citric Acid, 50%	0.35
7	Sodium Chloride	Sodium Chloride	1.30

### PROCEDURE

1. Combine ingredients 1 – 3 and mix until uniform.
2. Add ingredients 4 – 7 and mix until clear and uniform.
3. Add ingredient 6 to adjust to pH 5.0 – 5.5.
4. Add ingredient 7 to adjust viscosity.

### TYPICAL PROPERTIES

Appearance      Clear, Viscous Liquid  
pH                    5.0 – 5.5  
Viscosity           5,000 – 7,000 cP

### SUPPLIERS

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