



# Formulation

No. 2022

## Moisturizing Body Wash (Sulfate-Free)

### DESCRIPTION

This formulation features **Suga®Nate 160NC**, **Cola®TericLMB**, **Cola®Mate DSLS**, **Cola®Moist200** and **Poly Suga®Quat L1010P** to create a naturally derived body wash that hydrates your skin and locks in moisture without the use of harsh sulfates.

### FORMULATION

Order	INCI Name	Trade Name	%
1	Water		qs to 100.00
2	Sodium Laurylglucosides Hydroxypropylsulfonate	<b>Suga®Nate 160NC</b>	18.80
3	Sodium Methyl Cocoyl Taurate	Pureact WS Conc <sup>1</sup>	9.60
4	Lauramidopropyl Betaine	<b>Cola® Teric LMB</b>	8.80
5	Disodium Laureth Sulfosuccinate	<b>Cola®Mate DSLS</b>	6.20
6	Hydroxypropyl Bis-Hydroxyethylidmonium Chloride	<b>Cola®Moist 200</b>	2.40
7	Polyquaternium 78	<b>Poly Suga®Quat L1010P</b>	1.60
8	Fragrance		0.20
9	Sodium Benzoate and Potassium Sorbate	Microcare® SB <sup>2</sup>	1.00

### PROCEDURE

1. Combine ingredients 1-2 with moderate mixing. Heat to 40 – 50°C.
2. Once at temperature, add remaining ingredients in order.
3. Once homogeneous, cool below 40°C.

### TYPICAL PROPERTIES

Appearance      Clear Viscous Liquid  
 pH                    5.0 – 6.0  
 Viscosity           5,000 – 10,000 cP

### SUPPLIERS

<sup>1</sup>Innospec, <sup>2</sup>Thor

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