



## Kid's Head to Toe Wash

### DESCRIPTION

This formulation features **Suga®Nate 160NC**, **Cola®Liquid SCMPA**, **Poly Suga®Glycinate C**, and **Cola®Lipid C** for an all-in-one kid's shampoo and body wash that's safe and mild.

### FORMULATION

Order	INCI Name	Trade Name	%
1	Water	Water	qs to 100.00
2	Sodium Laurylglucosides Hydroxypropylsulfonate	<b>Suga®Nate 160NC</b>	19.00
3	Cocamidopropyl Hydroxysultaine and Cocamide MIPA	<b>Cola®Liquid SCMPA</b>	6.00
4	Sodium Bis-Hydroxyethylglycinate Coco-Glucosides Crosspolymer	<b>Poly Suga®Glycinate C</b>	3.00
5	Cocamidopropyl PG-Dimonium Chloride Phosphate	<b>Cola®Lipid C</b>	2.00
6	Sodium Methyl Cocoyl Taurate	Pureact WS Conc <sup>1</sup>	7.00
7	Fragrance	Blueberry Fragrance	0.05
8	Sodium Benzoate and Potassium Sorbate	MicroCare® SB <sup>2</sup>	1.00

### PROCEDURE

1. Combine ingredients 1-5 with adequate mixing between additions.
2. Heat to 40-50°C.
3. Add ingredients 6, mixing until completely dissolved and homogeneous.
4. Cool to 45°C and add remaining ingredients.
5. Adjust to pH 5.0 – 5.5 with citric acid.

### TYPICAL PROPERTIES

Appearance      Clear Liquid  
pH                    5.0 – 5.5  
Viscosity           3,000 cP

### SUPPLIERS

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