



## Kid's Shampoo (Betaine-Free)

### DESCRIPTION

This formulation features **Suga®Nate 160 NC**, **Cola®Teric CBS-HP**, **Poly Suga®Glycinate C**, and **Cola®Lipid C**. This gentle and safe shampoo with natural conditioner has almost no irritation, great for babies and their sensitive skin. With less irritation than the national brand. Now betaine-free!

### FORMULATION

Order	INCI Name	Trade Name	%
1	Water	Water	qs to 100.00
2	Sodium Laurylglucosides Hydroxypropylsulfonate	<b>Suga®Nate 160 NC</b>	19.00
3	Cocamidopropyl Hydroxysultaine	<b>Cola®Teric CBS-HP</b>	4.40
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	Sodium Stearoyl Lactylate	Sodium Stearoyl Lactylate	0.20
8	Fragrance	Blueberry Fragrance	0.05
9	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 50-60°C.
3. Add ingredients 6-7, 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