



Formulation

No. 1030

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	Suga®Nate 160 NC	19.00
3	Cocamidopropyl Hydroxysultaine	Cola®Teric CBS-HP	4.40
4	Sodium Bis-Hydroxyethylglycinate Coco-Glucosides Crosspolymer	Poly Suga®Glycinate C	3.00
5	Cocamidopropyl PG-Dimonium Chloride Phosphate	Cola®Lipid C	2.00
6	Sodium Methyl Cocoyl Taurate	Pureact WS Conc ¹	7.00
7	Sodium Stearoyl Lactylate	Sodium Stearoyl Lactylate	0.20
8	Sodium Benzoate <i>and</i> Potassium Sorbate	MicroCare® SB ²	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

¹Innospec, ²Thor

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