

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	Fragrance	Blueberry Fragrance	0.05
9	Sodium Benzoate and 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.
- Adjust to pH 5.0 5.5 with citric acid. 5.

TYPICAL PROPERTIES

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

SUPPLIERS

¹Innospec, ²Thor

Colonial Chemical, Inc. Natural Surfactants

225 Colonial Drive • South Pittsburg, TN 37380 • Phone: 423-837-8800 • Fax: 423-837-3888

Technical information contained herein is believed to be accurate. However, it is furnished without charge or obligation and is given and accepted at the recipient's sole risk. No guarantee of the accuracy of the information is made and the products discussed are sold without conditions or waranties expressed or implied. No waranties beyond the guarantee that Colonial Chemical products are manufactured to specs are expressed or implied, since the use of material is beyond our control. Purchasers should make their own tests and determine suitability of the product for their particular purposes. Nothing contained herein shall be considered a recommendation for any use that may infringe upon patent rights. Safety information regarding this product is contained in its Safety Data Sheet.