



Luxury Foaming Cleanser

DESCRIPTION

This formulation features **Suga®Nate 160NC** and **Poly Suga®Glycinate C** for a dense, creamy, foaming cleanser. With Suga®Nate 160NC being zero irritation and Poly Suga®Glycinate helping reduce the irritation of others surfactants, this cleaner is gentle enough for every day use.

FORMULATION

Order	INCI Name	Trade Name	%
1	Water	Water	qs to 100.00
2	Sodium Laurylglucosides Hydroxypropylsulfonate	Suga®Nate 160NC	18.00
3	Glycerin	Glycerin	7.50
4	Sorbitol	Sorbitol USP/FCC ¹	7.50
5	Sodium Bis-Hydroxyethylglycinate Coco-Glucosides Crosspolymer	Poly Suga®Glycinate C	9.00
6	Sodium Cocoyl Glutamate	Plantapon® ACG-HC ²	7.00
7	Lauric/Myristic Acid	Lauric/Myristic Acid	1.00
8	Sodium Benzoate and Potassium Sorbate	MicroCare® SB ³	1.00
9	Fragrance	Calming Fragrance ⁴	0.10

PROCEDURE

1. Add ingredient 6 to half the water. Heat to 40 – 45°C.
2. Add ingredient 7. Mix until partially hydrated, then adjust the pH to 8.5 – 9.0 with sodium hydroxide and continue mixing until clear and homogeneous.
3. Add ingredients 2-5, then the remaining half of the water.
4. Add ingredients 8-9.
5. Adjust the pH to 7.0.

TYPICAL PROPERTIES

Appearance Clear Liquid
pH 7.0
Viscosity 20 cps

SUPPLIERS

¹ADM, ²BASF, ³Thor, ⁴Orchidia

Colonial Chemical, Inc. *Natural Surfactants*

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

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