



## 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 other surfactants, this cleaner is gentle enough for everyday use.

### FORMULATION

Order	INCI Name	Trade Name	%
1	Water	Water	qs to 100.00
2	Sodium Laurylglucosides Hydroxypropylsulfonate	<b>Suga®Nate 160NC</b>	18.00
3	Glycerin	Glycerin	7.50
4	Sorbitol	Sorbitol USP/FCC <sup>1</sup>	7.50
5	Sodium Bis-Hydroxyethylglycinate Coco-Glucosides Crosspolymer	<b>Poly Suga®Glycinate C</b>	9.00
6	Sodium Cocoyl Glutamate	Plantapon® ACG-HC <sup>2</sup>	7.00
7	Lauric/Myristic Acid	Lauric/Myristic Acid	1.00
8	Benzyl Alcohol and Ethylhexylglycerin and Tocopherol	Euxyl® K 900 <sup>3</sup>	1.00
9	Fragrance	WS Calming Fragrance <sup>4</sup>	0.10

### PROCEDURE

1. Add ingredient 6 to half the water. Heat to 40 – 45°C.
2. Once at temperature, add ingredient 7. Mix until partially hydrated, then adjust to pH 8.5 – 9.0 with sodium hydroxide. Continue mixing until clear and homogeneous.
3. Add ingredients 2 – 5, then the remaining half of the water.
4. Add ingredients 8 – 9, mixing until clear and uniform.
5. Adjust to pH 7.0 – 7.5.

### TYPICAL PROPERTIES

Appearance      Clear Liquid  
pH                    7.0 – 7.5  
Viscosity          < 50 cP

### SUPPLIERS

<sup>1</sup>ADM, <sup>2</sup>BASF, <sup>3</sup>Schülke & Mayr, <sup>4</sup>Orchidia

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