

Formulation

No. 2019

Grapefruit Shower Gel (Sulfate-Free)

DESCRIPTION

This formulation features Suga®Nate 160NC, Cola®Teric CBS-HP, Cola®Mate LA-40, and Poly Suga®Mulse D9 in a gentle, high foaming, naturally based body wash formulation which leaves skin feeling clean without excessive drying or irritation from harsh sulfates.

FORMULATION

Order	INCI Name	Trade Name	%
1	Water		qs to 100.00
2	Sodium Laurylglucosides Hydroxypropylsulfonate	Suga [®] Nate 160NC	19.20
3	Disodium Lauryl Sulfosuccinate	Cola [®] Mate LA-40	4.00
4	Cocamidopropyl Hydroxysultaine (Fatty Acid)	Cola [®] Teric CBS-HP	9.60
5	Citrus Paradisi (Grapefruit) Peel Oil	Grapefruit Oil ¹	0.30
6	Sorbitan Oleate Decylglucoside Crosspolymer	Poly Suga [®] Mulse D9	0.30
7	Sodium and Potassium Sorbate	Microcare [®] SB ²	1.00
8	Citric Acid		qs

PROCEDURE

- 1. Combine ingredients 1-2.
- Heat to 45°C. 2.
- 3. Add ingredients 3-4.
- Combine ingredients 5-6 separately as a premix and add to batch. 4.
- Add preservative and adjust pH to 5.0 5.5 with citric acid (viscosity is pH dependent). 5.

TYPICAL PROPERTIES

Appearance	Clear	
pH	5.0 – 5.5	
Viscosity	5,500 cps	

SUPPLIERS

¹Phoenix Aromas, ²Thor

Colonial Chemical, Inc. Natural Surfactants

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