



# Formulation

No. 2035

## Grapefruit Body Scrub (Sulfate-Free)

### DESCRIPTION

This formulation features **Suga®Nate 160NC**, **Cola®Teric CBS-HP**, **Cola®Mate LA-40**, **Cola®Lac 426** and **Poly Suga®Mulse D9** for a powerful yet gentle wash for your skin. This grapefruit scented body scrub with natural gentle Jojoba beads will leave your skin feeling smooth and soft.

### FORMULATION

Order	INCI Name	Trade Name	%
1	Water		qs to 100.00
2	Xanthan Gum	Keltrol CG-SFT <sup>1</sup>	1.25
3	Glycerin		3.00
4	Cocamidopropyl Hydroxysultaine (Fatty Acid)	<b>Cola®Teric CBS-HP</b>	10.00
5	Disodium Lauryl Sulfosuccinate	<b>Cola®Mate LA-40</b>	13.50
6	Isostearamidopropyl Morpholine Lactate	<b>Cola®Lac 426</b>	2.00
7	Sodium Laurylglucosides Hydroxypropylsulfonate	<b>Suga®Nate 160NC</b>	10.00
8	Citrus Paradisi (Grapefruit) Peel Oil	Grapefruit Oil <sup>2</sup>	0.25
9	Sorbitan Oleate Decylglucoside Crosspolymer	<b>Poly Suga®Mulse D9</b>	0.50
10	Pentylene Glycol	Minasolve® Pentiol Green+ <sup>3</sup>	1.50
11	Sodium Benzoate and Potassium Sorbate	Microcare® SB <sup>4</sup>	1.00
12	Jojoba Esters	OFJ™ Spheres Watermelon Patch 20/40 <sup>5</sup>	1.00

### PROCEDURE

1. Disperse xanthan gum in glycerin to create a smooth slurry.
2. Add the slurry to water with moderate mixing. Mix until completely hydrated.
3. Add ingredient 4 while heating to 45°C.
4. Once at temperature, add ingredients 5-7. Mix until completely homogenous.
5. Combine ingredients 8-9 separately as a premix and add to batch.
6. Add remaining ingredients with gentle to moderate mixing. Mix until the beads are evenly dispersed.

### TYPICAL PROPERTIES

Appearance      Clear liquid with exfoliating beads  
 pH                    6.0  
 Viscosity           6,000 cP

### SUPPLIERS

<sup>1</sup>CP Kelco, <sup>2</sup>Orchidia, <sup>3</sup>Minasolve, <sup>4</sup>Thor, <sup>5</sup>Vantage

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