



## Body Wash with Natural Exfoliants

### DESCRIPTION

This formulation features **Cola<sup>®</sup>Det DEF-25** and **Poly Suga<sup>®</sup>Mulse D9**. This highly-fragranced formulation exhibits high foam in an economical method. Walnut shells naturally and gently exfoliate skin, leaving fresh, smooth skin with each wash.

### FORMULATION

Order	INCI Name	Trade Name	%
1	Water		qs to 100.00
2	Sodium Lauryl Sulfate and Sodium Laureth Sulfate and Cocamidopropyl Betaine and Lauramide MIPA	<b>Cola<sup>®</sup>Det DEF-25</b>	15.00
3	Sorbitan Oleate Decylglucoside Crosspolymer	<b>Poly Suga<sup>®</sup>Mulse D9</b>	4.00
4	Fragrance	Vanilla <sup>1</sup>	1.40
5	Acrylates/Palmeth-25 Acrylate Copolymer	Synthalen <sup>®</sup> W2000 <sup>2</sup>	6.00
6	Sodium Hydroxide		qs
7	Citric Acid		qs
8	Juglans Regia (Walnut) Shell Powder	Actishell 9 <sup>3</sup>	0.25
9	Methylchloroisothiazolinone and Methylisothiazolinone	Kathon <sup>™</sup> CG <sup>4</sup>	0.04

### PROCEDURE

1. Combine ingredients 1-4. Heat to 45-50°C.
2. Once clear, cool below 40°C. Make sure batch is substantially free of air.
3. Add Synthalen, NaOH to pH 7.0, Citric to pH 6.0.
4. Add remaining ingredients in order.

### TYPICAL PROPERTIES

Appearance Clear  
pH 6.0  
Viscosity 15,000 cps

### SUPPLIERS

<sup>1</sup>Orchidia Fragrances, <sup>2</sup>3V, <sup>3</sup>Active Organics, <sup>4</sup>Dow

## 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 warranties expressed or implied. No warranties beyond the guarantee that Colonial Chemical products are manufactured to specs are expressed or implied, since the use of materials 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.