

No. 1017

# Conditioner (Silicone-Free)

#### DESCRIPTION

This formulation features Poly Suga®Quat S1210P for a silicone free, natural based conditioner that hydrates your scalp and tames your fly-aways without leaving behind a greasy build up.

### **FORMULATION**

Order	INCI Name	Trade Name	%
1	Water		qs to 100.00
2	Polyquaternium-81	Poly Suga <sup>®</sup> Quat S1210P	6.50
3	Polyquaternium-10	Sensomer <sup>™</sup> 10M Polymer <sup>1</sup>	0.10
4	Cetearyl Alcohol	Lanette O <sup>2</sup>	5.50
5	Fragrance	Green Tea <sup>3</sup>	0.20
6	DMDM Hydantoin and lodopropynyl Butylcarbamate	Glydant Plus <sup>™ 4</sup>	0.30

#### PROCEDURE.

- 1. Heat water to 65°C. While heating, add 2, 3.
- At 65°C, add 4 and mix until completely melted. 2.
- Homogenize and cool below 55°C. 3.
- 4. Add remaining ingredients.

#### **TYPICAL PROPERTIES**

White Opaque Viscous Liquid Appearance 6.0 pН 30,000 cP Viscosity

#### **SUPPLIERS**

<sup>1</sup>Lubrizol, <sup>2</sup>BASF, <sup>3</sup>Premier, <sup>4</sup>Lonza

## **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 fue guarantee that Colonial Chemical products are manufactured to specs are expressed or implied, since the use of material 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. © 2017, Colonial Chemical, Inc. All rights reserved. Updated 2/2017