



★ POLY SUGA[®] DET SFB

SUGA[®] SHAMPOO CONCENTRATE

benefits

- “Green” shampoo blend
- Cold mix
- 1,4-Dioxane free
- Non-preserved
- Gluten free
- Globally acceptable
- Easy to use
- High foaming

applications

- Sulfate-Free Shampoos
- Conditioning Shampoos
- Liquid Handsoaps
- Body Washes
- Personal Care Cleansers



INCI Name: Disodium Lauryl Glucosides Sulfosuccinate Crosspolymer (proposed), Sodium Hydroxypropylsulfonate Lauryl-Glucosides Crosspolymer, Sodium Methyl Cocoyl Taurate, Sodium Bis-Hydroxyethylglycinate Lauryl-Glucosides Crosspolymer, Polyquaternium-71, Oleic acid

All ingredients are REACH pre-registered or Polymer Exempt



introduction

Poly Suga[®]Det SFB is a **Suga[®]** shampoo concentrate based on low irritation ingredients that are naturally derived from renewable resources. This product is designed to be used in sulfate-free shampoos, body washes, facial cleansers, and hand soaps.

Poly Suga[®]Det SFB is a concentrate that is easy to work with, mixing readily with water for use in a variety of personal care cleansing products. Ingredients included in the concentrate include potent conditioners and moisturizers for hair, scalp and skin benefits. Nonionic and anionic polymers can also be added to achieve more gel-like effects.

Concentrations of **Poly Suga[®]Det SFB** can be varied to achieve the desired properties for the needed cleansing applications. The product may be cold mixed into water very easily, fragrance added, pH adjusted and the finished shampoo is achieved.

typical properties

Appearance at 25°C:	Clear, yellow liquid
Solids, %:	40
pH, 10% aqueous:	7.0
Viscosity, cps:	5500

f o r m u l a t i o n

cold mix, sulfate-free shampoo

COMPOUND	Wt. %
Poly Suga®Det SFB Concentrate	61.00
Water	39.00
Fragrance	~0.02
TOTAL	100.00
q.s. to pH (10% aqueous) 5.5-6.0	

Solids, %:	25
pH, (10% aqueous):	7.0
Viscosity, cps:	3100

storage & handling

Stir well before using. Store in a warm place for good flowability and product uniformity. May be warmed slowly and stirred if product freezes. Avoid localized overheating.



ColonialChemical, Inc.
225 Colonial Drive
South Pittsburg, TN 37380
Phone: 423-837-8800
Fax: 423-837-3888
www.colonialchem.com

WARRANTY

No warranties beyond the guarantee that Colonial Chemical products are manufactured to specs are expressed or implied, since the use of material is beyond our control.

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. 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.

COLONIAL CHEMICAL, INC. • 225 Colonial Drive • South Pittsburg, TN 37380
Phone: 423-837-8800 • Fax: 423-837-3888

© Copyright 2009, Colonial Chemical, Inc. All rights reserved.

