



Suga®Det Mild

Naturally-Derived, Sulfate-Free Personal Care Concentrate

INCI NAME Sodium Laurylglucosides Hydroxypropylsulfonate *and* Sodium Methyl Cocoyl Taurate *and* Cocamidopropyl Hydroxysultaine *and* Sodium Bis-Hydroxyethylglycinate Coco-Glucosides Crosspolymer *and* Sodium Stearoyl Lactylate

CAS NUMBER 742087-49-6, 61791-42-2, 68139-30-0, 11268701-17-2, 25383-99-7

LISTINGS TSCA (US), NDSL (Canada), EINECS (EU)



Suga®Det Mild is a mild, naturally-derived concentrated blend of sulfate-free surfactants for use as a base for personal care cleansing products. This blend is free of ethoxylates (1,4-dioxane), alcohols, diethanolamides, lauryl sulfates, laureth sulfates, parabens, and formaldehyde. Suga®Det Mild features Suga®Nate 160NC, Colonial's 100% natural APG-based surfactant that offers high foam and unparalleled mildness. The remaining surfactant ingredients in the blend are also derived from natural, renewable resources.

FEATURES

- Easy-to-use "**Green**" shampoo blend from naturally-derived renewable resources
- Can be mixed without heat
- 1,4-Dioxane free
- Preservative-free
- Globally acceptable
- Very low irritation - HET-CAM of **3.5**
- High-foaming
- Compatible with a wide range of additives for enhanced appearance or performance

APPLICATIONS

- Sulfate-free shampoos
- Conditioning shampoos
- Liquid hand soaps
- Body washes
- Mild facial cleansers
- Outstanding for baby-care products
- Tear-free formulations

TYPICAL PROPERTIES

Appearance, 25°C	Clear Liquid
pH, 10% aqueous	6.0 – 7.0
Solids, %	33.5 – 36.0
Color, Gardner '98	3 Max.



FORMULATION

Sulfate-Free Shampoo, Cold Mixable

This formulation produces a pleasing, high-foaming shampoo with a simple 1 part concentrate to 2 parts water ratio. Additional viscosity can be achieved with the addition of **Sodium Stearoyl Lactylate**.

	INGREDIENT	%
1	Suga®Det Mild	34.00
2	Water	qs to 100.00
3	Dye, Fragrance	q.s.

Solids: 10% pH: 6.5 Viscosity: 6000 cps.

STORAGE / HANDLING

It is recommended that Suga®Det Mild be stored in sealed containers at temperatures not exceeding 120°F (49°C). Suga®Det Mild is shipped in 55 gallon open-head poly drums (net weight 450 lb/204 kg). Typical shelf life is 12 months from date of manufacture. Safety Data Sheets and other information may be found at www.colonialchem.com.

Colonial Chemical, Inc.

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

www.colonialchem.com