



# Suga<sup>®</sup>Nate 160 Dry

100% Biobased Sulfate-free Surfactant *in Anhydrous Form*

<b>INCI NAME</b>	Sodium Laurylglucosides Hydroxypropylsulfonate
<b>CAS NUMBER</b>	742087-49-6
<b>LISTINGS</b>	USA (TSCA); Canada (NDSL); EU (REACH); Australia (AICS); New Zealand (NZIoC)

**Suga<sup>®</sup>Nate 160 Dry** is a sulfate-free primary surfactant in anhydrous form. Using Suga<sup>®</sup>Nate 160 Dry, formulators can begin with a high-foaming product and build to preferred aesthetic properties without concerns of irritation to eyes and skin. Suga<sup>®</sup>Nate 160 Dry is also very low in toxicity and is 100% natural carbon bio-based, derived from natural materials.

### BENEFITS

- Naturally derived
- EO free (1,4-Dioxane free)
- Non-irritating to skin, eyes
- Equal or superior foaming characteristics to other sulfate-free surfactants
- Meets broad regulatory requirements

### APPLICATIONS

- Sulfate-free shampoos
- Low and high pH shampoos
- Bath gels and body washes
- Facial cleansers
- Baby cleansing products
- Personal care wipes and make-up removers
- Pet shampoos
- Non-irritating bubble baths

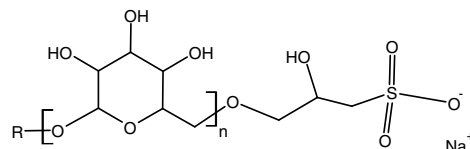


### TYPICAL PROPERTIES / STRUCTURE

Appearance	Off-white powder
pH (1% Aqueous)	7.0 – 9.0
% Moisture, KF	5.0 Max.
Density (g/cc)	0.25 – 0.35

*1% active solution, 25° C, DI water*

Ross-Miles Foam Height, mm	
Immediate	215
1 minute	190
5 minutes	185
Draves Wetting, seconds	7.2



### SUSTAINABLE

GreenStar<sup>™</sup> No. 10



### VERY HIGH IN NATURAL RATINGS

ASTM-D6866-12 Mean Biobased Result: **100%**

### STORAGE / HANDLING

Avoid prolonged contact with skin and eyes or breathing the dust from the product. Suga<sup>®</sup>Nate 160 Dry should be stored in sealed containers at temperatures not exceeding 120°F (49°C). Shipped in open-top fiber drums (net weight 200 lb/91 kg). Typical shelf life is 24 months from date of manufacture. Safety Data Sheets may be found at [www.colonialchem.com](http://www.colonialchem.com).

## Colonial Chemical, Inc.

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