



# Cola®Mate LA-40 MB

High-Foaming, Mild Surfactant | Mass Balance RSPO

**INCI** Disodium Lauryl Sulfosuccinate  
**CAS** 26838-05-1  
**LISTINGS** US (TSCA), Canada (DSL), EU (REACH), Australia (AICC/AICIS),  
 China (IECSC/IECIC), Japan (ENCS), New Zealand (NZIoC), Taiwan (TSCI)



**Cola®Mate LA-40 MB** is a very light colored, mild sulfosuccinate surfactant derived from natural lauryl alcohol. Cola®Mate LA-40 MB is more than 65% bio-based carbon content due to the vegetable origin of the lauryl alcohol used in the product. Cola®Mate LA-40 MB is sulfate-free, PEG-free and 1,4-dioxane-free – making it ideal for natural based, sulfate-free formulations.

Cola®Mate LA-40 MB provides very dense, voluminous foam when used to formulate personal cleansers, is mild to eyes and useful in sensitive skin cleansers. Despite its high Krafft point, Cola®Mate LA-40 MB can be used to formulate clear products.

## APPLICATIONS

- Shampoos
- Bubble Baths
- Body Washes and Gels
- Face Washes
- Hand Soaps

## BENEFITS

- Sulfate-free, EO-free and 1,4-dioxane-free
- Low skin and eye irritation properties, acts as an anti-irritant in formulated products
- Long lasting rich, dense flash foam
- Talc-like after-feel
- Light color with no odor
- Compatible with anionic, nonionic and amphoteric surfactants

## SUGGESTED USE

Cola®Mate LA-40 MB is an excellent primary or secondary surfactant for a wide range of personal care applications. Recommended use levels range from 5-10% as a secondary surfactant and from 20-35% as a primary surfactant.



## TYPICAL PROPERTIES

Appearance	White Opaque Paste	
pH, 5% aqueous	6.0	
Solids, %	40.0	
Active, % (EQ WT 421)	37.0	
Color, Gardner '98	1	
	<i>Time</i>	<i>Foam Height (mm)</i>
Ross Miles	Immediate	185
(1% Active)	1 min.	165
	5 mins.	160

Cola®Mate LA-40 MB is “**Derived Natural**” with a **Natural Origin Index of 0.76** in accordance with ISO 16128 guideline.

## MASS BALANCE RSPO

In keeping with Colonial Chemical’s commitment to sustainable raw material sourcing, Cola®Mate LA-40 MB is derived from palm oil that contributes to the production of certified sustainable palm oil. More information on [www.RSPO.org](http://www.RSPO.org).

## FORMULATION

### Natural Body Wash (Betaine-Free) # 2018

INGREDIENT	%
1 Water	qs to 100.00
2 <b>Suga®Nate 160NC</b> (Sodium Laurylglucosides Hydroxypropylsulfonate)	19.20
3 <b>Cola®Mate LA-40 MB</b> (Disodium Lauryl Sulfosuccinate)	4.00
4 <b>Cola®Teric CBS-HP</b> (Cocamidopropyl Hydroxysultaine [Fatty Acid])	9.60
5 Fragrance	0.20
6 Preservative	qs
7 Citric Acid	qs

**Procedure:** Combine ingredients 1-2. Heat to 45°C. Add remaining ingredients. Adjust pH to 5.0 - 5.5 with citric acid (viscosity is pH dependent).

#### Typical Properties:

Appearance: Clear Liquid

pH: 5.0

Viscosity: 8,000 cps



## STORAGE AND HANDLING

Storage or handling Cola®Mate LA-40 MB temperatures above 50°C are not recommended and will result in rapid hydrolysis. The pour point is 50°C or greater. Shelf life is 12 months from date of manufacture. A Safety Data Sheet is available at [www.colonialchem.com](http://www.colonialchem.com).

## PACKAGING

Cola®Mate LA-40 MB is shipped in open-head poly 55-gal drums, net weight 450 lbs (204.1 kg).

## ADDITIONAL NGO LISTINGS



Mass Balance (RSPO)



**Colonial Chemical**

*Innovative Specialty Surfactants*

[www.colonialchem.com](http://www.colonialchem.com)