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 (AIIC/AICIS), China (IECSC/IECIC), Japan (ENCS), New Zealand (NZIoC), Taiwan (TCSI)

MIXED
2-1326-22-100-01

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 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

- 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	
	Time	*Foam Height (mm)*
Ross Miles (1% Active)	Immediate	185
	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.

FORMULATION

Naturally Derived Body Wash (with Sultaine) #2018

	INGREDIENT	%
1	Water	qs to 100.00
2	***Suga®Nate 160NC*** (Sodium Laurylglucosides Hydroxypropylsulfonate)	19.20
3	***Cola®Mate LA-40 MB*** (Disodium Lauryl Sulfosuccinate)	4.00
4	***Cola®Teric CBS-HP*** (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

Patent Pending

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.

STORAGE AND HANDLING

Disodium Lauryl Sulfosuccinate is a high-active anionic surfactant system that may exhibit syneresis or slight phase separation during storage, particularly when exposed to extended storage times, temperature fluctuations, or freeze/thaw conditions. This is a normal physical characteristic of the product and does not typically impact product performance or functionality. To ensure optimal consistency and ease of use:

- Store between 20–35 °C (68–95 °F) when possible
- Avoid prolonged exposure to cold temperatures or repeated freeze/thaw cycles.
- Mild agitation or recirculation prior to use is recommended if separation is observed
- Product should be mixed thoroughly before sampling or transferring to ensure homogeneity
- Excessive heating should be avoided to minimize potential degradation or viscosity changes

If the material becomes highly stratified after long-term storage, warming the product moderately and applying gentle mixing will generally restore uniformity.

PACKAGING

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

Colonial Chemical
Innovative Specialty Surfactants
www.colonialchem.com