



Cola[®]Mate LA-40

High-Foaming, Mild Surfactant

INCI NAME	Disodium Lauryl Sulfosuccinate
CAS NUMBER	26838-05-1
LISTINGS	USA (TCSA); EU (REACH); Canada (DSL); Australia (AICS); Japan (ENCS); China (IECSC); New Zealand (NZIoC)

Cola[®]Mate LA-40 is a very light colored, mild sulfosuccinate surfactant derived from natural lauryl alcohol. Cola[®]Mate LA-40 is more than 45% vegetable-derived due to the vegetable origin of the lauryl alcohol used in the product. Cola[®]Mate LA-40 is sulfate-free, ethoxylate-free and 1,4-dioxane-free – making it ideal for natural based, sulfate-free formulations.

Cola[®]Mate LA-40 provides very dense, voluminous foam when used to formulate personal cleansers, is extremely mild to eyes and useful in sensitive skin cleansers. Unlike other sulfosuccinates, it provides good viscosity response when formulated with other anionics. Despite its high Krafft point, Cola[®]Mate LA-40 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

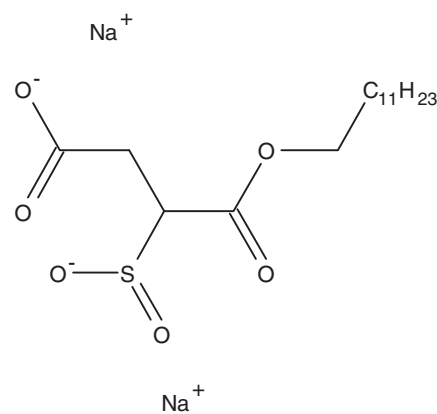
SUGGESTED USE

Cola[®]Mate LA-40 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 25-40% as a primary surfactant.



TYPICAL PROPERTIES / STRUCTURE

Appearance	White Opaque Paste
pH, 5% aqueous	6.0
Solids, %	40.0
Active, % (EQ WT 421)	37.0
Color, Gardner '98	2



FORMULATION

Natural Body Wash (Betaine-Free) # 2018

INGREDIENT	%
1 Water	qs to 100.00
2 Suga®Nate 160NC (Sodium Laurylglucosides Hydroxypropylsulfonate)	19.20
3 Cola®Mate LA-40 (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



Readily biodegradable per OECD 301 methods. This product meets the criteria for a surfactant under the EU Detergents Regulation (EC) 648/2004.

STORAGE AND HANDLING

Storage or handling Cola®Mate LA-40 in temperatures above 80°C are not recommended and will result in fairly 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.

PACKAGING

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



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Innovative Specialty Surfactants

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