

COLA[®]MATE LA-40

HIGH FOAMING - MILD SURFACTANT

CTFA/INCI NAME: Disodium Lauryl Sulfosuccinate

CAS No: 26838-05-1 EINECS No: 248-030-5

REGULATORY: TSCA (US), DSL (Canada), EINECS (EU), ENCS (Japan) No.: 2-1623X,
AICS (Australia) and China inventories.

benefits

- Low skin and eye irritation properties
- Long lasting rich, dense flash foam
- Talc like after-feel
- Light color with no odor



applications

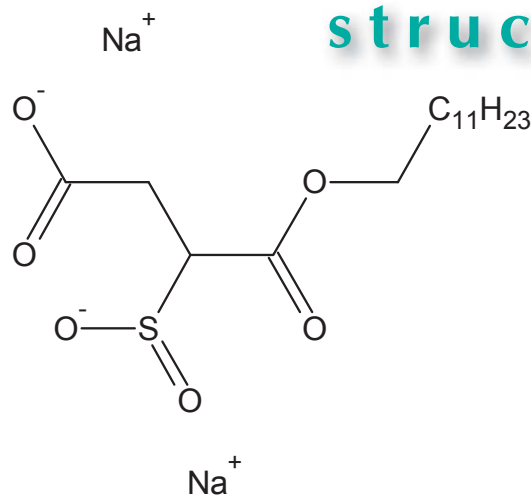
- Shampoos
- Bubble Baths
- Sulfate Free Products
- Body Wash



introduction

Cola[®]Mate LA-40 is a very light colored, mild sulfosuccinate surfactant derived from natural lauryl alcohol. Cola[®]Mate LA-40 is made from lauryl alcohol of vegetable origin, making the overall product more than 45% vegetable derived. Cola[®]Mate LA-40 is sulfate free, ethoxylate free, and 1,4-dioxane-free, making it an ideal product for natural based, sulfate-free formulations. It provides very dense, voluminous foam when used to formulate personal cleansers. Cola[®]Mate LA-40 is extremely mild to eyes and useful in sensitive skin cleansers. Unlike other sulfosuccinates, it will provide good viscosity response when formulated with other anionics. Despite its high Krafft point Cola[®]Mate LA-40 can be used to formulate clear products.

structure



typical properties

| | |
|---------------------------|--------------|
| Appearance at 60°C: | Clear liquid |
| Appearance at 25°C: | White paste |
| Gardner color at 60°C: | 2 Max. |
| Solids, %: | 38.0-42.0 |
| pH, 5% aqueous at 25°C: | 5.0-7.0 |
| Specific Gravity at 25°C: | 1.08 |

Green Star Rating: 4.54

formulation

luxurious shampoo

| COMPOUND | Wt. % |
|------------------|---------------|
| Water | 39.00 |
| Cola®Mate LA-40 | 12.00 |
| Cola®Teric LT | 35.00 |
| Cola®Mate SS-40 | 12.00 |
| Cola®Mid 150-LW | 2.00 |
| TOTAL | 100.00 |
| Viscosity, cps: | 1200 |
| pH, 10% aqueous: | 6.5 |

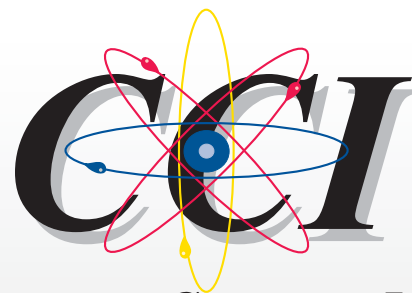
storage & handling

Cola®Mate LA-40 is subject to hydrolysis. The rate is temperature sensitive, particularly as temperatures above 60°C are encountered. Storage or handling temperatures above 80°C are not recommended and will result in fairly rapid hydrolysis. The pour point is 50°C or greater. **Do not heat this product for extended periods of time or use drum band heaters.**

Cola®Mate LA-40 is stable at pH 4 – 8. It has only limited stability in strong acid or alkaline systems.

packaging

Standard Packaging: Cola®Mate LA-40 is available in bulk and 450-lb. packages.



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