



Cola®Det DEF-61 (ME)

Betaine-Free Surfactant Blend

CHEMICAL NAME Sodium C₁₄₋₁₆ Olefin Sulfonate, Cocamidopropyl Hydroxysultaine, Cocamide MIPA

Cola®Det DEF-61 (ME) is a betaine-free surfactant blend with 40% solids designed for liquid mild cleansing formulations such as shampoos, liquid hand soaps, facial and body washes, and feminine products. Cola®Det DEF-61 (ME) contains no betaines, sulfates, Diethanolamine (DEA), Ethylene Oxide (EO)/1,4-Dioxane and is shipped preservative-free. Cola®Det DEF-61 (ME) builds thick, creamy foam volume with effective viscosity response to salt. The concentrate is cold mixable and offers ease of handling for transport, storage and mixing considerations.

BENEFITS

- Economical liquid surfactant blend for betaine-free, sulfate-free, DEA-free, EO-free formulations
- High-performing, 40% solid surfactant
- DEA, EO-1,4-Dioxane Free
- Shipped preservative-free
- Cold mixable
- Easy to handle
- Meets consumers' desire for mildness, milder than many competing surfactant blends used in similar applications
- Meets broad regulatory requirements

Based on the biodegradation profile of the individual components, Cola®Det DEF-61 (ME) is expected to be readily biodegradable.

APPLICATIONS

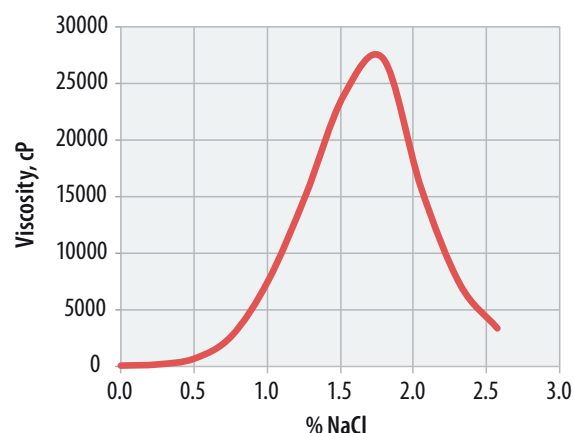
- Body washes
- Liquid hand soaps
- Shampoos
- AHA/BHA cleansers
- Feminine products
- Foaming bath products
- Inexpensive consumer products with betaine-free, sulfate-free, DEA-free claims

TYPICAL PROPERTIES

Appearance, 25°C	Clear to Hazy Liquid
pH, 10% aqueous	11.0
Solids, %	41.0
Viscosity, cP	3000
<i>Ross-Miles Foam Height (1% active), mm</i>	
Immediate	200
1 minute	185
5 minutes	175

VISCOSITY DEVELOPMENT

High viscosity is effectively generated with salt (shown 25% dilution, pH 6).



STORAGE AND HANDLING

Cola®Det DEF-61 (ME) should be stored in closed containers. Shelf life is 24 months from date of manufacture. Cola®Det DEF-61 (ME) is shipped in poly drums, net weight 204.1 kg and bulk. Safety Data Sheet may be downloaded at www.colonialchem.me.

