



Cola[®]Det EQ-19

Mild Surfactant Blend for AHA/BHA Cleansers

- INCI** Sodium C₁₄₋₁₆ Olefin Sulfonate *and* Sodium Cocoamphoacetate *and* Cocamidopropyl Hydroxysultaine
- CAS** 68439-57-6 | 68608-65-1 | 68139-30-0
- LISTINGS** USA (TSCA); Canada (DSL); EU (REACH); Australia (AICS); China (IECSC); Philippines (PICCS); New Zealand (NZIOC); Taiwan (NECI)

OVERVIEW

Cola[®]Det EQ-19 is a sulfate-free concentrated blend of mild surfactants useful in formulations of alpha and beta-hydroxy acid cleansers. Cola[®]Det EQ-19 contains surfactants that are hydrolytically stable under moderately acid conditions.

Cola[®]Det EQ-19 is easily formulated for facial cleansers, body washes and other foaming washes. A gentle, high quality, and luxurious cleanser may be formulated as easily as preparing a dilution consisting of Cola[®]Det EQ-19, an alpha hydroxy acid, water and a fragrance.

BENEFITS

- Sulfate-free
- Stable at low pH
- Produces clear, high-foaming skin cleansers
- Build viscosity with alpha, beta-hydroxy acids

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

TYPICAL PROPERTIES

Appearance (25°C)	Clear Liquid
pH (as is @ 25°C)	9.0 – 10.0
% Solids	38.0 – 41.0
Viscosity (@ 25°C), cP	5,000 Max.
Color, Gardner '98	4 Max.

STORAGE / HANDLING

Cola[®]Det EQ-19 should be stored in closed containers. Frozen material may be thawed in a warm room, venting drums while warming. Shipped in 55 gallon poly drums (net weight 450 lb/204.1 kg) or bulk. Typical shelf life is 24 months from date of manufacture. Safety Data Sheets may be found at www.colonialchem.com.



FORMULATION

Facial Wash with Natural Fruit Acids

INGREDIENT	%
1 Water	qs to 100.00
2 Cola[®]Det EQ-19	55.00
3 Lactic Acid, 88%	5.70
4 Sodium Chloride	2.00
5 Cola[®]Lipid C / Cocamidopropyl PG-Dimonium Chloride Phosphate	1.50
6 Actiplex [®] 4392 (fruit extract)	0.50
7 Glydant [™]	0.30
8 Fragrance	0.30

Procedure: Combine ingredients 1, 2 with mixing. Heat to 40°C, then add remaining ingredients in order.

Properties: pH = 4 Viscosity = 2000

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Innovative Specialty Surfactants