



# Cola® Det EQ-20

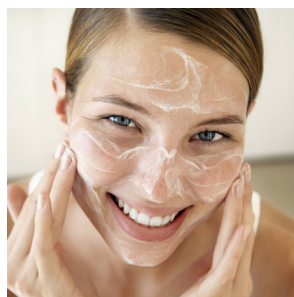
## Sulfate-Free AHA Cleanser Concentrate

**INCI** Sodium Laurylglucosides Hydroxypropylsulfonate and Sodium Cocoamphoacetate and Cocamidopropyl Hydroxysultaine

**CAS** 742087-49-6, 68608-65-1, 68139-39-0

**LISTINGS** US (TSCA); EU (REACH); Canada (NDSL); Australia (AICS); New Zealand (NZIoC); Taiwan (NECI)

**Cola® Det EQ-20** is a sulfate-free concentrated blend of mild surfactants useful in formulations of alpha and beta-hydroxy acid cleansers. Cola® Det EQ-20 contains surfactants that are hydrolytically stable under moderately acid conditions. Mild, high-quality AHA cleansers may be formulated as easily as preparing a mixture of Cola® Det EQ-20, an alpha hydroxyl acid, water and fragrance.



### BENEFITS

- Sulfate-free ingredients
- Stable at low pH
- Produces clear, mild skin cleansers
- Build viscosity with alpha, beta-hydroxy acids
- Cold-mixable

 Bio-based content of **90%**

### EYE IRRITATION

**HET-CAM:** *Hen's Egg Test Chorioallantoic Membrane:* Slight irritation potential in vivo, score of **8.0** (4% solids).

### ACUTE SKIN IRRITATION

**48 Hour occlusive skin patch test:** *On human volunteers - 50/50 Test Subjects:* **no** visible skin reaction, **no** potential for dermal irritation.

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	Clear Liquid
pH (as is @ 25°C)	8.5
% Solids	40.0
Color, Gardner BYK	1
Viscosity, cps (@ 25°C)	4000

### FORMULATION AHA Face Wash #2028

TRADE NAME (INGREDIENT)	%
1 Water	qs to 100.00
2 <b>Cola® Det EQ-20</b> (See above)	50.00
3 Purac® HiPure 90 <sup>1</sup> (Lactic Acid)	2.78
4 Glucamate™ LT Thickener <sup>2</sup> (PEG-120 Methyl Glucose Trioleate and Propylene Glycol and Water)	3.00
5 MicroCare® SB <sup>3</sup> (Sodium Benzoate and Potassium Sorbate)	0.25
6 W.S. Calming <sup>4</sup> (Fragrance)	0.10

**Procedure:** Combine ingredients in order with adequate mixing between additions.

### Typical Properties:

Appearance: Clear pH: 3.5 – 4.0  
Viscosity: 3,000 cP

### STORAGE AND HANDLING

Cola® Det EQ-20 should be stored in closed containers. Cola® Det EQ-20 is shipped in poly 55-gal drums, net weight 450 lbs (204.1 kg). Shelf life is 24 months from date of manufacture. A Safety Data Sheet is available at [www.colonialchem.com](http://www.colonialchem.com).

## Colonial Chemical

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