



# Cola® Det EQ-20

## Sulfate-Free AHA Cleanser Concentrate

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


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

**LISTINGS** USA (TSCA); EU (REACH); Canada (NDSL); Australia (AICS); New Zealand (NZIoC)

**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%**  
GreenStar **8.80** 

### 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.

### 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
	Glucamate™ LT Thickener <sup>2</sup>	3.00
4	(PEG-120 Methyl Glucose Trioleate and Propylene Glycol and Water)	
5	MicroCare® SB <sup>3</sup> (Sodium Benzoate and Potassium Sorbate)	0.25
6	W.S. Calming <sup>4</sup> (Fragrance)	0.10

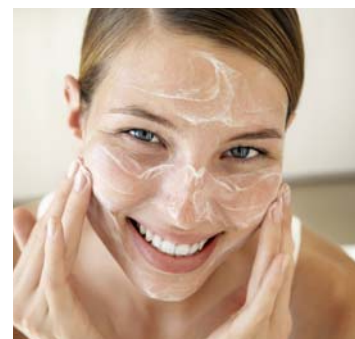
**Procedure:** Combine ingredients in order with adequate mixing between additions.

#### Typical Properties:

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

#### Suppliers:

<sup>1</sup>Corbion, <sup>2</sup>Lubrizol, <sup>3</sup>Thor, <sup>4</sup>Orchidia Fragrances



### STORAGE AND HANDLING

Cola® Det EQ-20 should be stored in closed containers. Shelf life is 24 months from date of manufacture. A Safety Data Sheet is available at [www.colonialchem.com](http://www.colonialchem.com).

Cola® Det EQ-20 is shipped in poly 55-gal drums, net weight 450 lbs (204.1 kg).

## Colonial Chemical

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*Natural Surfactants*