



Cola®Det COCO MB

97% Naturally Derived Surfactant Blend | Mass Balance RSPO

INCI	Sodium COCO MB-Sulfate (and) COCO MB-Glucoside (and) Cocamidopropyl Hydroxysultaine
CAS	68955-19-1, 68139-30-0, 110615-47-9, 68515-73-1
LISTINGS	US (TSCA), Canada (DSL), EU (REACH), Australia (AIC/AICIS), China (IECSC/IECIC), Philippines (PICCS), New Zealand (NZIoC), Taiwan (TSCI)



Cola®Det COCO MB is a highly concentrated, green, mild surfactant blend with each surfactant being derived from vegetable sources. Cola®Det COCO MB exhibits low irritation and builds high, thick, creamy foam.

Formulations that include Cola®Det COCO MB leave a soft, lubricious feel on hair and skin after rinsing. For personal care products, this surfactant blend foams extremely well, easily builds viscosity and contains only "COCO MB" surfactants.

Cola®Det COCO MB is useful in the formulation of A wide variety of personal care and household products. Strong and rapid viscosity response is present with sodium chloride for the development of very viscous end use products, even at low concentration levels.

BENEFITS

- All ingredients derived from natural sources
- Low irritation
- Simplifies and speeds the manufacturing process since it is a concentrated blend
- Foam enhancer, viscosity builder
- Leaves soft feel on skin and hair after rinse
- PEG-free, EO-free
- Easy to handle liquid form, dilutes easily
- Excellent human and environmental safety

APPLICATIONS

- Shampoos
- Luxury body washes
- Liquid hand dishwash detergents
- Hard surface cleaners

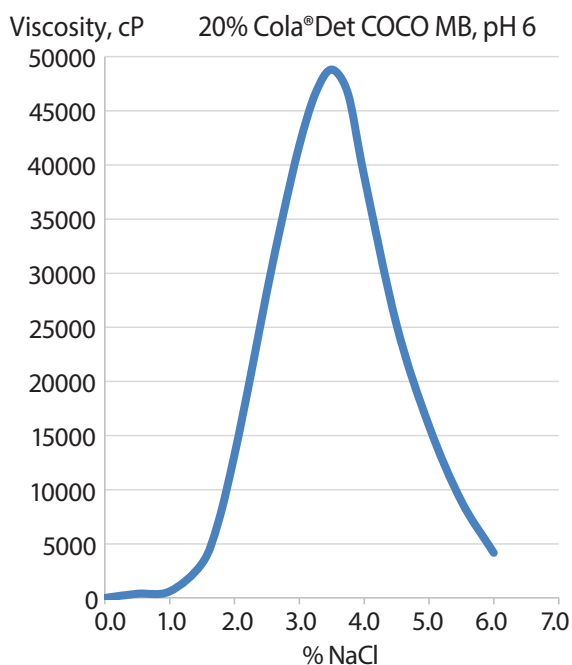
Cola®Det COCO is "Derived Natural" with a **Natural Origin Index of 0.97** in accordance with ISO 16128 guideline.



TYPICAL PROPERTIES

Appearance @ 30°C	Hazy, Viscous Liquid*
pH (10% Aqueous)	8.0
% Sodium Chloride	3.0
% Solids	60

PERFORMANCE



Creamy COCO MB Hand Wash

No. 4039

Plant-based hand wash has a rich, luxurious feel and is easy to formulate with a cold-mixable process. Builds to high foam with a creamy lather.

TRADE NAME / INCI NAME		%
1	Water	qs to 100.00
2	Cola®Det COCO MB / Sodium COCO MB-Sulfate, Cocamidopropyl Hydroxysulfate, COCO MB-Glucoside	15.00
3	Suga®Nate 160NC MB / Sodium Laurylglucosides Hydroxypropylsulfonate	7.25
4	Euxyl® K712 / Sodium Benzoate and Potassium Sorbate	1.00
5	WS Calming Fragrance	0.20
6	Citric Acid, 50%	0.35
7	Sodium Chloride	1.30

PROCEDURE:

Combine ingredients 1 – 3 and mix until uniform. Add ingredients 4 – 7 and mix until clear and uniform. Add ingredient 6 to adjust to pH 5.0 – 5.5. Add ingredient 7 to adjust viscosity.

TYPICAL PROPERTIES:

Appearance: Clear, viscous liquid
pH: 5.0 – 5.5
Viscosity: 5,000 – 7,000 cP



MASS BALANCE RSPO

In keeping with Colonial Chemical's commitment to sustainable raw material sourcing, this product is derived from palm oil that contributes to the production of certified sustainable palm oil. More information on www.RSPO.org.



Cola®Det COCO contains **97%** USDA certified biobased content via the USDA BioPreferred® Program.

STORAGE AND HANDLING

Cola®Det COCO MB should be stored in closed containers. Shelf life is 12 months from date of manufacture. Cola®Det COCO MB is shipped in 55-gallon drums, net weight 420 lbs (190.5 kg). Complete Safety Data Sheet may be downloaded at www.colonialchem.com.

* Appearance upon manufacture. Depending on storage conditions, the product will likely obtain an opaque, paste appearance. Once this happens, it can be easily restored to fluid appearance by warming to 40°C.



Colonial Chemical
Innovative Specialty Surfactants
www.colonialchem.com