



Cola®Det KC-40 MB

Potassium Cocoate Soap | **Mass Balance RSPO**



INCI Potassium Cocoate

CAS 61789-30-8

INVENTORIES USA (TSCA), EU (REACH exempt, Annex V), Canada (DSL), Australia (AICIS), Korea (KECI), Philippines (PICCS), New Zealand (NZIoC), China (IECSC/IECIC), Taiwan (TCSI)

Cola®Det KC-40 MB is a premium quality potassium cocoate soap that exhibits excellent flash foam, excellent color and low odor. Cola®Det KC-40 MB is biodegradable, made from natural and renewable resources, and preservative-free – making it ideal for natural formulations, including high-lathering soaps and cost-effective cleansers.

APPLICATIONS

- Shampoos
- Bar soaps
- Liquid hand soaps
- Industrial hand soaps
- Surgical scrub soaps
- Hard surface cleaners

BENEFITS

- Excellent flash foam
- Excellent color
- Low odor
- Low cloud point
- Naturally-derived
- Biodegradable

TYPICAL PROPERTIES

Appearance	Clear Liquid
pH, 10% aqueous	10.0
Solids, % (2g. @ 110°C, 1hr.)	41.0
Color, Gardner BYK	1

Cola®Det KC-40 MB is “**Derived Natural**” with a **Natural Origin Index of 1.0** in accordance with **ISO 16128** guideline.

ALSO AVAILABLE

USDA Certified Organic **Cola®Det OKC-40** is ideal for formulators seeking organic certification who plan to label their products as “Made with Organic...” and be in certified compliance with the National Organic Program (7CFR Part 205).



FORMULATION GUIDELINES

In liquid soap formulations, dilute as required and adjust pH to 8.0 – 9.0 to maintain clarity. Viscosity can then be adjusted with sodium chloride to desired thickness. Amphoteric surfactants work well with Cola®Det KC-40 MB to alleviate the squeaky-clean feel on the skin or hair.

Economical Liquid Hand Soap

	INGREDIENT	%
1	Water	qs to 100.00
2	Cola®Det KC-40 MB	35.00
3	Cola®Teric CBS	10.00
4	Pureact I-85EC	5.00
5	Fragrance, Preservative	qs
6	Sodium Chloride	qs

Procedure:

Combine ingredients 1-3 with adequate mixing between additions. Heat to 60-65°C. Add ingredient 4 and mix until completely dissolved. Cool to 45°C. Adjust pH to 8.5. Add fragrance and preservative as required. Add sodium chloride to desired viscosity.

Appearance: Clear Liquid pH: 8.5

Viscosity: 6,000 cP @ 3.5% Sodium Chloride

MASS BALANCE RSPO

In keeping with Colonial Chemical's commitment to sustainable raw material sourcing, a minor component of the product which is derived from waste glycerin may contain palm oil waste. Any such palm content is from palm oil that contributes to the production of certified sustainable palm oil. More information on www.RSPO.org.

STORAGE / HANDLING

Cola®Det KC-40 MB should be stored in closed containers. Cola®Det KC-40 MB shipped in poly drums (net weight 450 lb/204 kg). Shelf life is 24 months from date of manufacture. Safety Data Sheets may be found at www.colonialchem.com.

Colonial Chemical

Innovative Specialty Surfactants

www.colonialchem.com