



Cola[®]Det KC-40

Potassium Cocoate Soap

INCI NAME Potassium Cocoate
CAS NUMBER 61789-30-8
LISTINGS USA (TSCA); EU (REACH); EU (EINECS); Canada (DSL); Australia (AICS); Philippines (PICCS); Korea (ECL); New Zealand (NZIoC); China (IECSC)



Cola[®]Det KC-40 is a pure potassium cocoate soap that exhibits excellent flash foam, good color and low odor. Cola[®]Det KC-40 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
- Good color
- Low odor
- Naturally-derived
- Biodegradable
- Preservative-free

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 to alleviate the squeaky-clean feel on the skin or hair.

ADDITIONAL LISTINGS

- Whole Foods Premium Body Care
- COSMOS Approved



SPECIFICATIONS

Appearance	Clear Liquid
pH, 10% aqueous	9.5 – 10.5
Solids, % (2g. @ 110°C, 1hr.)	39.0 – 43.0
Color, Gardner BYK	1.5 Max.

Economical Liquid Hand Soap

INGREDIENT	%
1 Water	qs to 100.00
2 Cola[®]Det KC-40	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 cps @ 3.5% Sodium Chloride

STORAGE / HANDLING

Cola[®]Det KC-40 should be stored in closed containers. Cola[®]Det KC-40 shipped in 55 gal. poly drums (net weight 450 lb/204 kg). Shelf life is 12 months from date of manufacture. Safety Data Sheets may be found at www.colonialchem.com.

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Innovative Specialty Surfactants