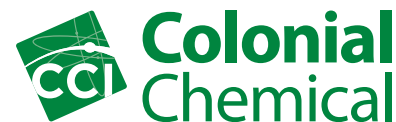


Technical Data Sheet

Cola[®]Det DEF-40

Waterless Hand Cleaner Concentrate



INCI NAME Anionic / Amide blend
CAS NUMBER Proprietary

DESCRIPTION

Cola[®]Det DEF-40 is a DEA and MEA-free surfactant that provides an effective, easy-to-use emulsifier for use in lotion-type or “ringing gel” waterless hand cleaners. Cola[®]Det DEF-40 provides formulation flexibility in allowing for slow or fast-set systems without heat or special equipment. Cola[®]Det DEF-40 improves the cleaning, rinsing, and rubs out “break” properties of waterless hand cleaner formulations based on odorless mineral spirits, deodorized kerosene and d-Limonene.

TYPICAL PROPERTIES

Appearance Clear Yellow Liquid
Color, Gardner BYK 8 Max.
pH, 10% aqueous 7.9 – 8.4
% Solids 100%

SUGGESTED FORMULATIONS

Slow Set Waterless Hand Cleaner

Ingredients	%
Water	to 100.00
Cola[®]Fax 3376 PE	2.40
Nonyl Phenol 9.5 moles E.O.	1.20
Dimethicone Copolyol	.40
Oleic Acid	1.80
Polysorbate 80 & Acetylated Lanolin Alcohol & Cetyl Alcohol	.40
Cola[®]Det DEF-40	5.90
Odorless Mineral Spirits	40.00

Instructions: Add in order listed. Slowly add mineral spirits with agitation.

Appearance: White pourable lotion which sets in 3-4 hours and becomes a ringing gel after 12 hours.

Fast Set Waterless Hand Cleaner

Ingredients	%
Mineral Spirits or d-Limonene	40.00
Cola[®]Det DEF-40	12.00
Cola[®]Fax 3376 PE	.50
Glycerin (99%)	1.00
Light Mineral Oil	2.00
Water	To 100.00

Instructions: Combine in order listed, adding water last with good agitation. (Note: Product sets immediately – requires piston type filler.)

Appearance: White ringing gel.

STORAGE AND HANDLING

Cola[®]Det DEF-40 should be stored in closed containers. Frozen material may be thawed in a warm room, venting drums while warming. Shelf life is 12 months from date of manufacture. A Safety Data Sheet is available upon request.

PACKAGING

Cola[®]Det DEF-40 is shipped in 55 gal. poly drums, totes or bulk.

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