



Cola[®]Liquid DC (ME)

DEA-Free Liquid Cocamide DIPA

INCI Cocamide DIPA



Cola[®]Liquid DC (ME) is a DEA-free liquid non-ionic surfactant derived from triglyceride oil. Cola[®]Liquid DC (ME) provides excellent foam boosting, viscosity building and foam stabilizing properties. It will readily solubilize most fragrances and essential oils into anionic systems. The product is liquid and very mild to eyes and skin. Cola[®]Liquid DC (ME) can be used in any application where traditional alkanolamide surfactants have been used. Cola[®]Liquid DC (ME) will also boost and maintain foam levels over non-amide systems and other personal care formulations.

Cola[®]Liquid DC (ME) combines the best properties of the coco MEA amide and coco DEA amide into one product. The use level for Cola[®]Liquid DC (ME) is going to be typical of those for similar alcohol amide surfactants, generally in the range of 1% to 5% in personal care products.

BENEFITS

- Foam boosting
- Foam stabilization
- Viscosity control
- Skin emolliency
- Wetting
- Detergency
- Emulsification
- Solubilization of solid actives

APPLICATIONS

- Body cleansers
- Bubble baths
- Facial cleansers
- Hair colorants
- Shower gels
- Shampoos

TYPICAL PROPERTIES

Density	0.932 - 0.994kgs./L
Color, Gardner	3 Max.
pH of 10% Solution	10.0 – 11.5
Flash Point (open cup)	>93°C
Form at 25°C	Clear, lightly viscous, yellow liquid
Type	Nonionic
% Active	100

TOXICOLOGICAL PROPERTIES

Cola[®]Liquid products have been evaluated for eye and skin irritation potential and the product was found to be very mild versus traditional alkanolamides.

- HET-CAM score for Cola[®]Liquid DC of 2
- Skin irritation testing was performed on 52 test subjects who wore a patch containing 1% Cola[®]Liquid DC (ME) for 48 hours. Visual observation of the skin after that time revealed no changes in skin condition indicating the negative potential for skin irritation by Cola[®]Liquid DC (ME).

STORAGE / HANDLING

Cola[®]Liquid DC (ME) should be stored in closed containers. Shipped in poly drums (net weight 204.1 kg. Typical shelf life is 24 months from date of manufacture. Safety Data Sheets may be found at www.colonialchem.me.



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