



Flexisurf™ CADP

Disodium Cocoamphodipropionate

Overview

- 40% active Cocoamphodipropionate in water
- Salt-free, multi-functional and mild amphoteric surfactant
- Compatible with nonionic, anionic, and cationic surfactants
- Provides exceptional foaming in hard or soft water
- Versatile surfactant for wetting, solubilizing, and emulsification in acid, neutral, and alkaline formulations
- Efficient hydrotrope for coupling nonionic surfactants into strong electrolyte and high alkaline systems
- Inert Ingredient in non-food pesticides
- INCI Name: Disodium Cocoamphodipropionate

Applications

- Personal Care formulations including shampoo and body wash
- Concentrated Liquid Detergents, high foaming (acid or alkaline)
- Hard Surface Cleaners
- Household and Industrial Cleaners
- Inert Ingredient in non-food pesticides
- Oil field
- Electroplating

Technical Information

Flexisurf CADP is a versatile and mild amphoteric surfactant that contributes foaming, cleansing, and solubilizing properties to formulations ranging from personal care formulations such as shampoos to hard surface and industrial cleaners. Effective in acidic, neutral, and alkaline solutions, multi-functional Flexisurf CADP compatibilizes nonionic surfactants in high electrolyte formulations while contributing detergency and foam boosting, unlike simple hydrotropes.

Flexisurf CADP does not contain alcohol, and it has low viscosity of less than 300 cps. The product provides excellent performance for foaming, detergency, solubilizing, and emulsification properties combined with compatibility in nonionic, anionic, and cationic surfactant solutions.

Naturally derived, Flexisurf CADP contains at least 55% biorenewable carbon.

Formulary

Recommended use levels of 3 to 5% for shampoo formulations and 5 to 7% for body wash. For household and industrial cleaners, recommended use level is 1 to 4%.

Typical Properties

PROPERTY	VALUE
Appearance	Clear liquid, yellow to amber
Ionic character	Amphoteric
pH	9 - 10.5
Water solubility	Soluble
Actives, %	40.0±1.0
Viscosity	< 300 cps
Density@25°C	1.07 g/ml
% Alcohol	None
Flash point	Non-combustible
Storage	Freeze/Thaw stable
Shelf life	12 months

Packaging and Handling

Flexisurf CADP is available in:
275 gallon totes (Net Wt. 2250 lbs)
55 gallon plastic drums (Net Wt. 450 lbs)
5 gallon plastic pails (Net Wt. 40 lbs)

Refer to the Safety Data Sheet (SDS) for information on the safe use, handling, and disposal of this product.

DOT Classification: Non-Regulated

Whether you are looking for a replacement product or an ingredient for a specific attribute, give us a call. We can provide assistance based upon your particular formulation requirements and composition. Please feel free to contact us.

Flexisurf CADP

Disodium Cocoamphodipropionate Surfactant

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