



Flexisurf™ SS-40E

Disodium Laureth Sulfosuccinate

Overview

- 40% solids Disodium Laureth Sulfosuccinate in water
 - Mild anionic surfactant
 - Excellent foaming properties, foam booster
 - Sulfate free
 - Biodegradable
 - INCI Name: Disodium Laureth Sulfosuccinate
 - CAS# 68815-56-5
- Ross Miles Foam Test Data:
- 5% Dilution
- 289 mm Initial Foam Height
 - 243 mm after 3 min.
 - 228 mm after 5 min.
 - 204 mm after 10 min.
- 10% Dilution
- 364 mm Initial Foam Height
 - 308 mm after 3 min.
 - 299 mm after 5 min.
 - 213 mm after 10 min.

Applications

- Hand Dishwash Liquid Detergent
- Cleaning formulations for carpet, upholstery, and textiles
- Component in personal care formulations such as shampoo, for mildness to skin and reduced eye irritation

Technical Information

Mild anionic surfactant which is bio-based and provides excellent foaming properties. Nearly colorless liquid. The mild surfactant reduces eye irritation.

Uses include Hand Dishwash Liquid Detergent; component for cleaning formulations for carpet, upholstery, and textiles; and a component for personal care formulations such as shampoo with reduced eye irritation.

Naturally derived, Flexisurf SS-40E contains at least 55% biorenewable carbon.

Formulary

Recommended use levels of 0.5 to 10%. For diluted formulations, a preservative is recommended.

Typical Properties

PROPERTY	VALUE
Appearance	Clear liquid, colorless to pale yellow
Ionic character	Anionic
pH	6.0 - 7.0
Water solubility	Soluble
Solids, %	40.0±1.0
Viscosity	< 200 cps
Density@25°C	1.09 ±0.2 g/ml
Odor	Mild
Flash point	> 100°C
Storage	Not stable to freezing. Storage and handling below 40°C is recommended.
Shelf life	6 months

Packaging and Handling

Flexisurf SS-40E 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.

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