



# 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 has renewably sourced content 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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## Disodium Laureth Sulfosuccinate

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