

# DuPont™ Capstone® Fluorosurfactant

## FS-64

renewably sourced™ fluorosurfactant

### TECHNICAL INFORMATION

#### Description

FS-64 is a **VOC-free**, water-soluble, anionic, proprietary fluorosurfactant that gives low aqueous surface tensions only achievable with fluorosurfactants. FS-64 combines the unique properties of fluorine with the strength of a DuPont™ Renewably Sourced™ material. This environmentally preferred fluorosurfactant can be used in a variety of applications including architectural coatings, industrial finishes, floor care formulations, and cleaning solutions.

#### Applications

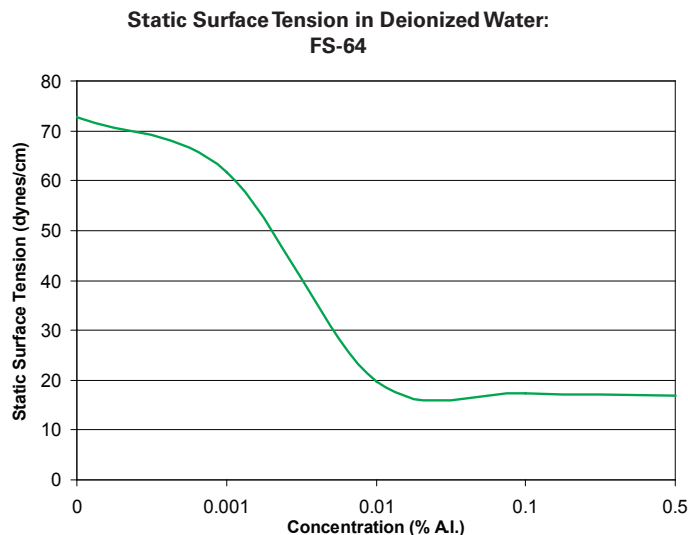
- Water-based floor finishes, waxes and polishes
  - Provides wetting and enhanced leveling
  - Good re-wet characteristics in multi-coat applications
  - Reduces cratering and provides faster spreading
  - Suggested use rates are 0.005-0.02% active ingredient
- Concentrated cleaning solutions
  - Reduces surface tension and provides excellent wetting to achieve cleanability
  - Suggested use rates are 0.005-0.1% active ingredient
- Additive to water-based paints and coatings
  - Excellent leveling, anti-cratering, and wetting performance
  - Excellent anti-blocking and oil-repellency performance
  - Compatible with silicone additives
  - Suggested use rates are 0.01-0.1% active ingredient in wet paint

#### Typical Properties

Appearance	A light yellow to amber liquid
pH	7-9
Specific Gravity	1.1
Stability	Freeze-thaw stable. Mix well before use.
Composition	15% solids 85% water
Flash Point	Does not flash
Shelf Life	5 years

#### Performance

##### Surface Tension



##### Foaming

- Moderate Foamer

Ross-Miles Foam Volume (mL) at 25 °C (77 °F) at 0.1% A.I (active ingredient)

	Initial	3 min	5 min	10 min
DI Water	105	105	105	105



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## DuPont™ Capstone® Repellents and Surfactants:

- Deliver more sustainable solutions with maximum performance
- Are short-chain molecules that cannot break down to PFOA in the environment
- Are supported by an in-depth foundation of data
- Are in compliance with REACH requirements
- Are listed on TSCA inventory
- Meet the goals of the U.S. Environmental Protection Agency 2010/15 PFOA Stewardship Program

For questions regarding technical data, commercialization, and sampling:

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