

# Capstone™ FS-51

## Fluorosurfactant

## Technical Information

### Description

Capstone™ FS-51 is an amphoteric amine oxide-based fluorosurfactant that significantly reduces the surface tension of aqueous solutions and is also useful in providing sustained foam. FS-51 enables the formation of a thin low surface tension aqueous film, which is useful for creating surface defect-free films over low surface tension or contaminated substrates because of the improved wetting, spreading, and leveling properties.

### Applications

FS-51 is recommended as a surface tension reducing:

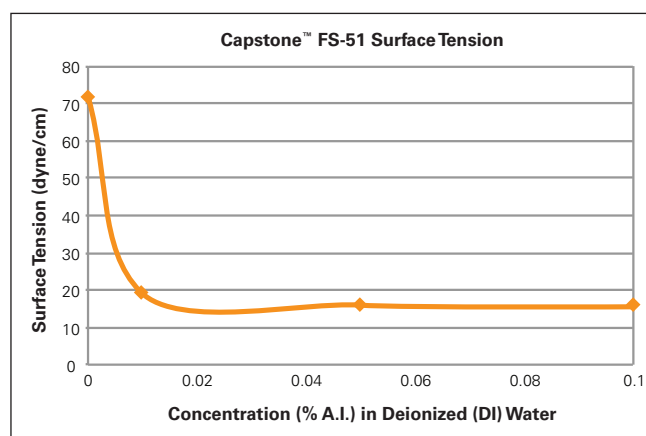
- Industrial and institutional cleaning
- Floor care applications
- Latex paints and alkyd emulsions

### Typical Properties

Appearance	Clear, amber-colored liquid
Chemical Structure	Amine oxide partially fluorinated surfactant
Composition	40% solids in water/ethanol
Specific Gravity	1.1
pH	6.5-8.5
Flash Point (closed cup)	25 °C (77 °F)
Solubility at 25 °C (77 °F)	Soluble in water, ethanol and ethylene glycol
Shelf Life	5 years

### Performance

#### Surface Tension



### Personal Safety, First Aid, Storage, and Handling

Please refer to the Safety Data Sheet (SDS) for product-specific information. Mix well before using. Allow the product to come to room temperature before use after cold storage.

### Capstone™ Repellents and Surfactants

- Deliver maximum performance
- Regulatory and stewardship information is available upon request
- Are listed on TSCA inventory

## Package Sizes

Drum-440 lb (200 kg), Pail-40 lb (18.16 kg),  
Can-8 lb (3.632 kg)

For questions regarding technical data, commercial supply, and sampling:

## Chemours Advanced Performance Materials

### Technical Inquiries

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For more information, visit [www.chemours.com/capstone](http://www.chemours.com/capstone)

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