

**TRITON™ CF-32 Defoamer**

Product Information

Chemical Description

Name: Low Foam

Surfactant Type: Nonionic Defoamer

Benefits

- Excellent food soil defoaming
- Good soap soil defoaming
- Non-crazing
- Alkaline & acid stability
- Exceptionally low foam

Applications

- Food & Dairy Cleaners
- Machine Dishwash
- Rinse Aids

Typical Physical Properties

Active Ingredient, wt%	95
Cloud Point, 1% aq. soln., °C (°F)	25 (77)
HLB (calculated)	11
Solvent	Water
Appearance	Opaque, beige, semi-solid to liquid
pH, 5% aq solution	10
Viscosity at 25°C (77°F), cP	550
Density at 25°C (77°F), g/mL	1.034
Flash Pt, Closed Cup, ASTM D93	>149°C >300°F
Pour Point, ASTM D97, °C (°F)	2 (35)

Performance Characteristics

Surface Tension ⁽¹⁾	37
Critical Micelle Concentration (CMC), ppm	-
Draves 25 sec wetting conc, wt% at 25°C (77°F)	0.27
Hamilton Beach Foam Test, 0.1% at 25°C (77°F), cm	5.9
at 50°C (122°F)	0.1

⁽¹⁾ 1 wt% actives, dynes/cm**Solubility and Compatibility**

- Soluble in water
- Soluble (up to 5%) in higher alcohols, ketones and esters
- Insoluble in highly aliphatic solvents
- Chemically stable in most non-oxidizing acids
- Poor stability on solid caustic
- Compatible with anionic, cationic, and nonionic surfactants & alkaline builders

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