



Product Information

TRITON™ AS-100 Surfactant

Chemical Description

Name: Alkyl Alkoxylate Sulfate
Type: Anionic

Benefits

- APE-free
- Effective emulsifier
- Quick wetting
- Low odor
- Low foam & quick foam collapse
- Low aquatic toxicity

Applications

- Emulsion Polymerization
- Coatings & Adhesives
- Hard surface cleaners
- Laundry detergents
- Metalworking fluids
- Degreasers
- Textile processing
- Prewash spotters
- Agrochemicals
- Oilfield chemicals
- Pulp & paper

Typical Physical Properties¹

Actives, wt%	50
Appearance at 25°C (77°F)	Colorless or pale yellow liquid
Diluent	Water
Critical Micelle Concentration (CMC) at 25°C (77°F), %	0.2
Surface Tension at 25°C (77°F, 1 wt% aq solution), mN/m	32
Ross-Miles Foam height (0.2 wt% aq solution, initial / 5 min), mm	93 / 17
pH (1 wt% aq solution)	7 – 9
Wetting (0.5% wt% aq solution, 20°C (68°F), s	30
Specific Gravity at 20°C (68°F)	1.08
Dynamic viscosity at 20°C (68°F), cP	350

¹ Typical properties. Not to be construed as product specifications.

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Solubility and Compatibility

- Soluble in water
- Chemically stable in the presence of dilute acids, bases and salts
- Compatible with anionic, cationic, and other nonionic surfactants

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