



TERGITOL™ MinFoam 1X Surfactant

Product Information

Chemical

Name: Low Foam

Description

Surfactant Type: Nonionic

Benefits

- Excellent low foam wetting agent
- Very low odor
- Excellent rinseability
- Alkaline & acid stability

Applications

- Metal cleaners
- Pigment dispersions
- Pulp & paper
- Hard surface cleaners
- Textile processing
- Wetting agent
- Paints & coatings

Typical Physical Properties

Active Ingredient, wt%	100
Cloud Point, 1% aq. soln., °C (°F)	40
HLB (calculated)	12.6
Appearance	Transparent, colorless liquid
Viscosity at 25°C (77°F), cP	61
Density at 20°C (68°F), g/mL	0.994
Flash Pt, Closed Cup, ASTM D93	111°C 231°F
Pour Point, ASTM D97, °C(°F)	-34 (-20)

Typical Performance Properties

Surface Tension ⁽¹⁾	30
Critical Micelle Concentration (CMC), ppm	34
Dynamic surface tension ⁽²⁾ , dynes/cm	46
Draves 20 sec wetting conc, wt% at 258°C (77°F)	0.05
at 50°C (122°F)	0.22
Ross-Miles Foam Test, Initial /5 min, 0.1% at 25°C (77°F), mm	106/6
at 37.7°C (100°F)	90/7
at 50°C (122°F)	87/3

⁽¹⁾ 1 wt% actives, dynes/cm

⁽²⁾ Measured at 0.1 wt% and 25°C (77°F), Maximum Bubble Pressure at 4 bubbles/sec

Solubility and Compatibility

- Soluble in water
- Soluble in chlorinated solvents, most polar & non-polar solvents, and oils
- Chemically stable in the presence of dilute acids, bases, and salts
- Compatible with anionic, cationic, and other nonionic surfactants

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