



TERGITOL™ 15-S-3 Surfactant
Product Information

Chemical
Description

Name: Secondary Alcohol Ethoxylate

Surfactant Type: Nonionic

Benefits

- Excellent hydrocarbon compatibility and detergency
- Excellent oil soluble emulsifier
- Superior handling properties

Applications

- Defoamers
- Textile
- Pulp & paper
- Agrochemicals
- Dry cleaners
- Prewash spot removers

Typical Physical Properties

Actives, wt%	100
Cloud Point ⁽¹⁾	Insoluble
HLB ⁽²⁾	8.0
Moles EO	3
Pour Point ⁽³⁾	-46
Appearance	Pale yellow liquid
Viscosity at 25°C (77°F), cP	49
Density at 20°C (68°F), g/mL	0.918
Flash Pt, Closed Cup, ASTM D93	173°C 345°F

⁽¹⁾ Cloud point: °C, 1 wt% actives aqueous solution

⁽²⁾ HLB Range: <10 w/o emulsifier, > 10 o/w emulsifier, 10-15 good wetting, 12-15 detergents

⁽³⁾ Pour point: °C

Typical Performance Properties

CMC ⁽⁴⁾	Ins
Surface Tension ⁽⁵⁾	Ins
Foam Height ⁽⁶⁾	Ins

⁽⁴⁾ Critical Micelle Concentration: ppm at 25°C

⁽⁵⁾ Surface tension: dynes/cm at 1% actives, 25°C

⁽⁶⁾ Ross-Miles foam height: mm at 0.1 wt% actives, 25°C, initial / 5 minute

Solubility and
Compatibility

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

Contact information goes here:

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