



TERGITOL™ 15-S-5 Surfactant  
Product Information

Chemical  
Description

Name: Secondary Alcohol Ethoxylate

Surfactant Type: Nonionic

Benefits

- Excellent emulsifier & detergent
- Enhances paint associative thickener efficiency
- Aids in rinseability of solvent-based systems

Applications

- Paints & coatings
- Cleaners
- Prewash spot removers
- Agrochemicals
- Dry cleaners
- Textile
- Oilfield

Typical Physical Properties

Actives, wt%	100
Cloud Point <sup>(1)</sup>	Dispersible
HLB <sup>(2)</sup>	10.5
Moles EO	5
Pour Point <sup>(3)</sup>	-25
Appearance	Pale yellow liquid
Viscosity at 25°C (77°F), cP	35
Density at 20°C (68°F), g/mL	0.963
Flash Pt, Closed Cup, ASTM D93	178°C 352°F

<sup>(1)</sup> Cloud point: °C, 1 wt% actives aqueous solution

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

<sup>(3)</sup> Pour point: °C

Typical Performance Properties

CMC <sup>(4)</sup>	Dispersible
Surface Tension <sup>(5)</sup>	Dispersible
Foam Height <sup>(6)</sup>	Dispersible

<sup>(4)</sup> Critical Micelle Concentration: ppm at 25°C

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

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

Solubility and  
Compatibility

- Dispersible 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

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