



## Technical Data Sheet

### TERGITOL™ L-64 Surfactant

#### Product Information

#### Chemical Description

Name: Polyether polyol  
Surfactant Type: Nonionic

#### Sustainability Attribute:



#### Uses / Applications

- Fermentation
- Metalworking fluids
- Adhesives

- Paper processing
- Sanitizing solutions
- Food processing

#### Benefits

- High-temperature foam control
- High thermal and chemical stability
- Good steric stabilization

- Good detergency
- Good wetting
- Rinseability

#### Typical Physical Properties

Property	Unit	Result
Actives	wt%	100
Cloud Point <sup>1</sup>		62
HLB <sup>2</sup>		15
Moles EO		Proprietary
Pour Point <sup>3</sup>		7
Appearance		Opaque liquid
Viscosity at 38°C (100°F)	cSt	284
Density at 25°C (77°F)	g/mL	1.048
Flash Pt, Closed Cup, ASTM <sup>4</sup> D93	°C (°F)	> 180 (> 356)

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
4. ASTM: American Society for Testing and Materials

## Typical Performance Properties

Property	Unit	Result
CMC <sup>1</sup>		
Surface Tension <sup>2</sup>		44
Foam Height <sup>3</sup>		48/18
Draves 20 sec wetting conc, wt% at 25°C		1.0

1. Critical Micelle Concentration: ppm at 25°C
2. Surface tension: dynes/cm at 1% actives, 25°C
3. Ross-Miles foam height: mm at 0.1 wt% actives, 25°C, initial / 5 minute

## Solubility and Compatibility

- Water soluble
- Soluble in organic solvents including ethanol, propylene glycol, toluene and xylene

### Contact:

[www.dow.com/contact](http://www.dow.com/contact)

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