



Technical Data Sheet

TERGITOL™ L-62 Surfactant

Chemical Description

Name: Polyether polyol
Surfactant Type: Nonionic

Sustainability Attribute:



Benefits

- Efficient foam control agent
- Wetting agent
- High thermal and chemical stability

- Rinseability
- Good detergency
- Good steric stabilization

Applications

- Foam control for fermentation
- Metalworking Fluids
- Machine dishwash

- Food and dairy process cleaning
- Paints and coatings

Typical Physical Properties

Test	Property	Unit	Result
	Actives	wt%	100
	Cloud Point ¹		32
	HLB ²		7
	Moles EO		Proprietary
	Pour Point ³		-2
	Appearance		Pale yellow liquid
	pH, 2.5% Aq Solution		6.5
	Viscosity at 38°C (100°F)	cST	231
	Density at 25°C (77°F)	g/mL	1.011
ASTM ⁴ D93	Flash Pt, Closed Cup	°C (°F)	216 (420)

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 ¹		
Surface Tension ²		41
Foam Height ³		45/30
Dreaves 20 Sec Wetting Conc, wt% at 25°C (77°F)		0.50

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 minutes

Solubility and Compatibility

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

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