Technical Data Sheet

TERGITOL™ L-61 Surfactant

Chemical Description	Name: Polyether polyol	**Sustainability Attribute:**

Surfactant Type: Nonionic

Uses / Applications

- Foam control for fermentation
- Food washing
- Water treatment

- Machine dishwash
- Food and dairy process cleaning
- Metalworking fluids

Benefits

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

- Good steric stabilization
- Easily rinsed from surfaced

Typical Physical Properties

Property	Unit	Result
Actives	wt%	100
Cloud Point[1]		24
HLB[2]		3
Moles EO		Proprietary
Pour Point[3]		-32
Appearance		Clear liquid
Viscosity at 38°C (100°F)	cSt	168
Density at 25°C (77°F)	g/mL	1.015
Flash Pt, Closed Cup, ASTM[4] D93	°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

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Typical Performance Properties

Property	Unit	Result
CMC[1]		
Surface Tension[2]		40
Foam Height[3]		0/0
Draves 20 Sec Wetting Conc, wt% at 25°C		0.02

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

- Slightly soluble in water

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