



TERGITOL™ 15-S-40 (70%) Surfactant
Product Information

Chemical
Description

Name: Secondary Alcohol Ethoxylate

Surfactant Type: Nonionic

Benefits

- Emulsion stabilizer
- Provides freeze/thaw & ionic stability
- Electrolyte solubility
- Good handling properties

Applications

- Emulsion polymerization
- Paints & coatings
- Floor polish & wax emulsions

Typical Physical Properties

Actives, wt%	70
Diluent	Water
Cloud Point ⁽¹⁾	>100
HLB ⁽²⁾	18
Moles EO	41
Pour Point ⁽³⁾	5
Appearance	Pale yellow, Liquid
Density at 30°C (86°F), g/mL	1.072
Flash Pt, Closed Cup, ASTM D93	None

⁽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⁾	1314
Surface Tension ⁽⁵⁾	45
Foam Height ⁽⁶⁾	103/28

⁽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

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

Contact information goes here:

North America: 1-800-447-4369
Europe: (+32) 3-450-2240
Asia/Pacific: (+852) 2879 7339
Other areas: 1-989-832-1556
<http://www.dow.com/surfactants>

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