



Technical Data Sheet

TERGITOL™ CA-90 (90%) Surfactant

Chemical Description

Name: Branched Alcohol Alkoxyate

Surfactant Type: Nonionic

Sustainability Attribute:



Uses / Applications

- Industrial cleaning
- Household cleaning
- Institutional cleaning
- Wetting agent in WB coating

- Textile auxiliaries
- Agrochemical auxiliaries
- Leather auxiliaries
- Emulsifier in emulsion polymerization

Benefits

- Non-APE
- Concentrates
- Superior wetting
- Low odor
- Rapid dissolution and good rinseability
- Easy handling

- Narrow gel range
- Effective removal of grease
- Readily biodegradable
- Quick foam collapse
- Low aquatic toxicity EC₅₀ > 10 mg/L

Typical Physical Properties¹

Property	Unit	Result
Cloud Point (1% Wt. Aq. Soln.),	°C	61
Appearance (25°C)		Colorless or pale yellow liquid
HLB		13–14
Surface Tension (25° C, 1% Wt. Aq. Soln.)	mN/m	30.5
Pour Point	°C	-5
Ross Miles Foam Height (0.1% Wt. Aq. Soln., 0 / 5 Min)	mm	65 / 5
pH (1% Wt. Aq. Soln.)		5.0–7.5
Density at 40°C	g/mL	1.0157
Viscosity at 40°C,	cSt	61.8

1. Typical properties, not to be construed as product specification.

Solubility and Compatibility

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

Contact:

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