



## Product Information

### TERGITOL™ LFE-1410 Surfactant

#### Chemical Description

Name: Branched Alcohol Alkoxylate  
Surfactant Type: Nonionic

#### Benefits

- Non-APE
- Excellent oil removal
- Good wetting
- Low odor
- Rapid dissolution & good rinseability
- Easy handling
- Low foam
- No gel range
- Concentrates
- Readily biodegradable
- Low aquatic toxicity

#### Applications

- Automatic dishwashing
- Rinsing aid
- Metal cleaning
- Hard surface cleaning
- Food, dairy & beverage cleaning

#### Typical Physical Properties<sup>1</sup>:

Cloud Point (1% wt. aq. soln.), °C	10
Appearance (25°C)	Colorless or pale yellow liquid
Surface Tension (25°C, 1% wt. aq. soln.), mN/m	35
Pour Point, °C	5
Ross Miles Foam Height (0.1% wt. aq. soln., 0 / 5 min), mm	0 / 0
pH (1% wt. aq. soln.)	5.0 – 7.5
Relative Density, 20°C/20°C	1.004
Viscosity at 40°C, cSt	44

<sup>1</sup> Typical properties, not to be construed as product specification.

#### Solubility and Compatibility

- Soluble in cold 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

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