Lankem

Technical Data Sheet

Lansurf AE109W

C10 Alcohol Ethoxylate + 9EO

Description

Lansurf AE109W is a nonionic surfactant produced by the reaction of 9 moles of ethylene oxide onto a 2-propyl heptanol base. This particular range of ethylene oxide offers a product with a wide range of applications especially for detergency and wetting. This product has good environmental profiling and is readily biodegradable.

Features

- Great detergency
- Good wetting
- Readily biodegradable
- A good substitute for C9-11 ethoxylates (8 - 10 moles)

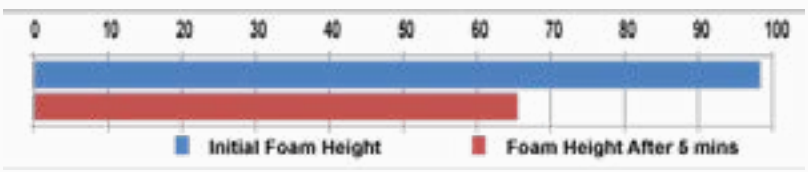
Specification

Appearance at 25°C	Clear to hazy liquid free from foreign matter
Cloud Point °C (1% aqueous)	68.0 - 70.0
pH (5% aqueous)	5.0 - 8.0
Colour Hazen	100 max
Solids Content %	78 -82

Typical Properties

Composition	Alcohol ethoxylate
CAS Number	160875-66-1
Solids Content %	80
Moles of EO	9
Odour	Characteristic
HLB Value	14.5
Viscosity at 25°C (cP)	59.7
Specific Gravity at 20°C	1.00
Solubility in Water	Soluble
Pour Point °C	<5
Flash Point °C	>150
Surface Tension at 0.1% Aqueous (mN/m)	28

Foam Height Scale



Applications

Lansurf AE109W is a biodegradable nonionic surfactant produced by the reaction of ethylene oxide on a synthetic primary alcohol.

This product is compatible with soaps, anionic, cationic and other nonionic surfactants, and exhibits good Oil/Water emulsification, wetting and detergency. This product is typically used for the emulsification of mineral oils and waxes and hydrocarbon solvents; emulsion polymerisation; emulsifier for agrochemical formulations.

Packaging and Storage

Lansurf AE109W can be supplied in bulk road tankers, IBC's, 200kg or 25kg nett drums.

Stainless steel, polyethylene or glass lined equipment is necessary for the storage of Lansurf AE109W in order to prevent corrosion and subsequent contamination. This material can separate on standing and at low temperatures. May require agitation and warming prior to use.

Regulatory Information

Please refer to Safety Data Sheet.

Sample Request

Safety Data Sheet