

C10 Alcohol Ethoxylate + 7EO

Description

Lansurf AE107 is a nonionic surfactant produced by the reaction of 7 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 (5 - 7 moles)

Specification

| | |
|---|---|
| Appearance at 25°C | Clear to hazy liquid free from foreign matter |
| Cloud Point °C (5g in 25g (25% BDG Solution)) | 67.0 - 70.0 |
| pH (5% aqueous) | 5.0 - 8.0 |
| Colour Hazen | 100 Max |
| Water Content % | 4.0 - 6.0 |

Typical Properties

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|--|--------------------|
| Composition | Alcohol ethoxylate |
| CAS Number | 160875-66-1 |
| Solids Content % | 95 |
| Moles of EO | 7 |
| Odour | Characteristic |
| HLB Value | 12.5 |
| Viscosity at 25°C (cP) | 290 |
| Specific Gravity at 20°C | 0.99 |
| Solubility in Water | Soluble |
| Pour Point °C | 10 |
| Flash Point Open Cup °C | >180 |
| Surface Tension at 0.1% Aqueous (mN/m) | 26 |

Typical properties are based on our own measurements and do not constitute part of the sales specification

Applications

Lansurf AE107 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 AE107 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 AE107 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.

All information, recommendations and suggestions appearing in the literature concerning the use of the product are based upon tests and data believed to be reliable. However it is the users responsibility to determine the suitability for their own use of the products described here. For non English datasheets translation has been carried out using translation software, Lankem accepts no liability due to errors that occur during translation. Typical properties are based on our own measurements and do not constitute part of the sales specification.