

C13 Alcohol + 12EO

Description

Lansurf AE312W is a nonionic surfactant produced by the reaction of ethylene oxide on a synthetic primary alcohol. This product exhibits good oil/water and water/oil emulsification, wetting and detergency.

Features

- Good emulsification
- Great detergency
- Good wetting

Specification

Appearance at 25°C	Clear liquid free from foreign matter
Cloud Point °C (1% aqueous)	73.0 - 77.0
pH (5% aqueous)	5.0 - 8.0
Colour Hazen	100 max
Solids Content %	78.0 - 82.0

Typical Properties

Composition	Alcohol ethoxylate
INCI Name	Trideceth-12
CAS Number	78330-21-9
Moles of EO	12
Odour	Characteristic
HLB Value	14.5
Viscosity at 25°C (cP)	56.7
Specific Gravity at 20°C	1.04
Solubility in Water	Soluble
Pour Point °C	<15
Flash Point °C	>150
Surface Tension at 0.1% Aqueous (mN/m)	31

Wetting Scale



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

Applications

Lansurf AE312W is an excellent emulsifier for emulsion polymerization for systems such as:

- Vinyl Acetate - Homopolymer
- Vinyl Acetate - Acrylic
- Styrene - Homopolymer
- Styrene - Acrylic
- Acrylic Monomers - Esters and Acids

Packaging and Storage

Lansurf AE312W 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 AE312W 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.