Lankem

Technical Data Sheet

Kemsurf ESD60

Sodium Lauryl Ether-3 Sulphate

Description

Kemsurf ESD60 is a sodium neutralised alkyl ether sulphate and finds application where foaming, wetting and detergency are required. It has good stability in the presence of high electrolyte and hard water environments. Also the product is tolerant to mildly alkaline solutions at ambient temperatures, but tends to hydrolyse in acidic solutions.

Specification

Appearance at 25°C:	Clear to hazy liquid free from foreign matter
SAM % (equivalent weight 429):	58.0 - 62.0
pH 1% aqueous:	6.0 - 9.0

Typical Properties

Composition:	Sodium Lauryl Ether (3 EO) Sulphate
CAS number:	68891-38-3
Odour:	Solvent
Viscosity at 25°C (cP):	90.7
Specific gravity at 20°C:	1.046
Solubility in water:	Soluble
Pour point °C:	<0
Flash point closed cup °C:	32
Surface tension at 0.1% aqueous (mN/m):	36.82

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

Applications

Kemsurf ESD60 is also an excellent emulsifier for emulsion polymerization for systems such as:

- Vinyl Acetate
- Vinyl Acetate - Acrylic
- Vinyl Acetate - VeoVa
- Styrene - Acrylic
- Acrylic Monomers

Packaging and Storage

Kemsurf ESD60 can be supplied in bulk road tankers, IBC's and 200kg nett drums.

Stainless steel, polyethylene or glass lined equipment is necessary for the storage of Kemsurf ESD60 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.