

Lansurf SMO

Specification	Appearance at 25°C	:	Amber coloured viscous liquid
	Saponification Value mg.KOH/g	:	145.0 - 160.0
	Acid Value mg.KOH/g	:	8.0 Max
	Hydroxyl Value mg.KOH/g	:	193.0 - 210.0

Typical Properties	Composition	:	Sorbitan Mono Oleate
	CAS Number	:	1338-43-8
	Solids Content %	:	100
	Odour	:	Characteristic
	HLB Value	:	4.3
	Viscosity at 25°C (cP)	:	1944
	Specific Gravity at 20°C	:	1.0
	Solubility in Water	:	Soluble
	Pour Point °C	:	<0
	Flash Point °C	:	>267
	Surface Tension at 0.1% Aqueous (mN/m)	:	41.85

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

Application Lansurf SMO is used in many application areas particularly in food contact applications. This product is also found to be readily biodegradable and would not expect to persist indefinitely in the environment. Lansurf SMO can be used singularly or in combination with the ester ethoxylates such as Lansurf SMO80. Typically this product is extremely hydrophobic and finds use as an emulsifier in many waxes and creams for household and personal care applications. Used in combination with the ethoxylates, Lansurf SMO is used in textiles, leather treatment, silicone oils and agrochemicals.

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

Acrylamide

Packaging Lansurf SMO can be supplied in bulk road tankers, IBC's and 200kg nett drums.

Storage Stainless steel, polyethylene or glass lined equipment is necessary for the storage of Lansurf SMO 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.

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.