

## **TECHNICAL DATA SHEET**

## Kemsurf SBE25

Specification	Appearance at 25°C	:	: Clear viscous yellow liquid free from foreign r							atter		
	SAM % (Equivalent Weigh	:			24.0 - 26.0							
	pH (5% Aqueous )	:			6.5 - 8.5							
	Clarity Point			:			8 max					
Typical Properties	Composition			:			Sodium Do	odecyl B	enzene S	ulphonate	)	
	CAS Number			:		68411-30-3						
	Odour			:			Characteristic					
	Viscosity at 25°C (cP)			:		1838						
	Specific Gravity at 25°C			:			1.044					
	Solubility in Water			:			Soluble					
	Pour Point °C			:			<10					
	Flash Point Closed Cup °C			:			>100					
	Surface Tension at 0.1% Aqueous (mN/m)			:			34.45					
	Foam Height Scale	•	10	20	30	40	60	60	70	80	90	100
					illiai Foa	am Heig	a finit	i F	oam He	ight Afle	s 5 min	<b>5</b> -
	Wetting Scale	Poor Welling		·		1		-		- Excel	lent We	etting
				1		2		3		4		5

Application Kemsurf SBE25 is a sodium salt of a biodegradable dodecylbenzene sulphonic acid. The base acid for Kemsurf SBE25 is manufactured by SO3 sulphonation to produce a product of good colour and low inorganic content. Kemsurf SBE25 finds use as a detergent, emulsifier, wetting agent and as an emulsifier in emulsion polymerization processes. This product has good compatibility with other anionics and nonionic surfactants and maintains good stability, detergency, foaming power and soil suspension in alkaline, mild acid, low electrolyte and in hard or soft water.

Kemsurf SBE25 is an emulsifier for emulsion polymerization for systems such as:

- Vinyl Acetate Acrylic
- Vinyl Chloride plus Copolymers
- Vinyldiene plus Copolymers
- Styrene
- Styrene Butadiene
- Styrene Butadiene Acrylonitrile

 Packaging
 Kemsurf SBE25 can be supplied in bulk road tankers, IBC's, 200kg or 25kg nett drums.

 Storage
 Stainless steel, polyethylene or glass lined equipment is necessary for the storage of Kemsurf SBE25 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.