

## Kemsurf DSA

|                      |                               |   |                    |
|----------------------|-------------------------------|---|--------------------|
| <b>Specification</b> | Appearance at 25°C            | : | Pale Yellow Liquid |
|                      | SAM % (Equivalent Weight 296) | : | 27.0 - 30.0        |
|                      | pH (5% Aqueous)               | : | 7.0 - 9.0          |

|                           |  |   |                        |
|---------------------------|--|---|------------------------|
| <b>Typical Properties</b> | Composition                            | : | Sodium Lauryl Sulphate |
|                           | CAS Number                             | : | 68585-47-7             |
|                           | Odour                                  | : | Characteristic         |
|                           | Viscosity at 25°C (cP)                 | : | 50.1                   |
|                           | Specific Gravity at 20°C               | : | 1.041                  |
|                           | Solubility in Water                    | : | Soluble                |
|                           | Pour Point °C                          | : | 20                     |
|                           | Flash Point Closed Cup °C              | : | >100                   |
|                           | Surface Tension at 0.1% Aqueous (mN/m) | : | 29.62                  |

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

**Application** Kemsurf DSA is fatty alcohol sulphate neutralised as a sodium salt. This product offers good detergency and wetting and is mainly used in cosmetic and toiletry applications. This product is compatible with other anionic and nonionic surfactants. However, as with other products of this chemical type, they tend to hydrolyse in acidic environments.

Kemsurf DSA can also be used in the production of Poly Vinyl Chloride (PVC) via emulsion polymerisation.

**Packaging** Kemsurf DSA 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 DSA 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. Due to the physical nature of this material storage conditions of around 30°C are preferred for ease of 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.