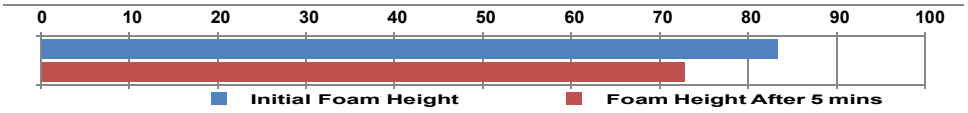
Technical Data Sheet AOS

Specification	Appearance at 25°C	:	Clear amber liquid free from foreign matter
	SAM% (Equivalent Weight 320)	:	37.0 – 39.0
	pH (5% Aqueous)	:	6.0 – 8.0
	Colour Hazen (5% Aqueous)	:	80 Max

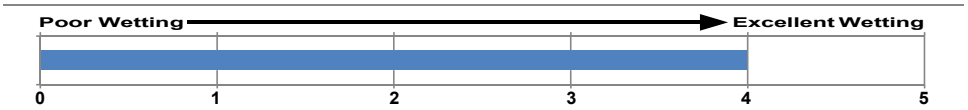
Typical Properties

Composition	:	Sodium C14-16 alpha olefin sulphonate
CAS Number	:	68439-57-6
Odour	:	Mild
Viscosity at 25°C (cP)	:	51.9
Specific Gravity at 20°C	:	1.07
Solubility in Water	:	Soluble
Pour Point °C	:	-3
Flash Point Closed Cup °C	:	>150
Surface Tension at 0.1% Aqueous (mN/m)	:	31.6
CMC (mg/l)	:	301

Foam Height Scale



Wetting Scale



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

Application

AOS has good foaming and excellent detergency. AOS can be used in many industrial and domestic applications where good detergency and wetting are required. Typical examples include textile auxiliaries and industrial cleaning. This product is also used in emulsion polymerisation for the following systems:

- Styrene / Butyl Acrylate
- Vinyl Acetate

Packaging

Kemsurf OS38 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 OS38 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.