

## TECHNICAL DATA SHEET

Product Name: **Alpha Olefin Sulfonate (AOS)**

INCI Name: Sodium C14-16 Olefin Sulfonate

CAS Number: 68439 -57-6

Molecular Formula:  $C_{14}H_{27}NaO_3S$

Description: AOS has excellent solubility and good compatibility. The foam is rich and delicate, easy to be biodegradable, and almost has no irritation to the skin. Especially in the application of phosphorus free detergents, it not only has good washing ability, but also has good compatibility with enzyme agents.



### Specification:

Items		Index	
		Powder 92%	Liquid 35%
Appearance		White or light yellow powder	Light yellow transparent liquid
Active matter, % Min		92	35
Free Oil,% Max		3.0	1.2
Inorganic salts, % Max	Na <sub>2</sub> SO <sub>4</sub>	5.5	1.0
	NaCl	0.1	0.1
Moisture, % Max		3.0	-
PH value (1% aqueous solution)		9.0-12	9.0-12
Free Alkali, % Max (As NaOH)		0.8	0.3
Whiteness (WB), Min		70	-
Color Klett (5% active), Max		100	60

### Pachaging:

25Kgs craft paper bags for powdered product.

200Kgs plastic drum, 1000Kgs IBC for liquid product.

**Storage:** Store in dry and cool place, keep away from sunshine and rain.