Technical Data Sheet

Item Name:

AOS 38

PRODUCT INFORMATION

Chinese Name:	α–烯基磺酸钠
Commodity Name:	AOS 38
Chemical Name:	Alpha Olefin Sulphonate (main ingredient)
Other Name:	Sodium Alpha-Olefin Sulfonate, Sodium C14-16 Olefin Sulfonate, A-alkenyl Sulfonate (AOS)
CAS No.:	68439-57-6
Molecular Weight:	329
Molecular Formula:	R-CH=CH-$(CH_2)_n$-SO_3Na (R=C_{14-16})

PRODUCT DESCRIPTION

AOS is a kind of anionic surfactant, it has excellent detergency, good foaming ability and foam stability, emulsifying power; It"s easily soluble in water with strong decentralization capacity of calcium soap and resistance of hard water. It also features good biodegradability, gentle to the skin, compatibility performance. Product with AOS is always has rich foam, feel is good feeling, easy to rinse, and has a wide pH range.

TECHNICAL SPECIFICATION

Index	Standard
Appearance (@25°C)	Colorless or pale yellow, clear liquid
Active matter by wt %	37 - 39
Unsulfated matter by wt %	1.50 max
Sulfate ion by wt %	0.7 max
Chlorideion by wt %	0.15 max

MAIN APPLICATION

Widely used in detergents and daily chemicals, such as prior choice for detergent powder, soap,dish washing cleanser, P-free detergents.

Used as raw material for personnal care cusmetics: such as shampoo, bath shower, face cleanser and etc.

In other fields: it's also widely used in industries, such as oil field, fire-retardant, construction and printing&dying.

PACKING, LOADING AND SHELF LIFE

Packing: 200kg plastic drum or 1000kg IBC
Loading: 16mt/20'fcl for 200kg drums, 20mt/20'fcl for 1000kg IBC
Shelf Life: 12 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.