

Technical Data Sheet

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Item Name:

AOS 92

PRODUCT INFORMATION

Chinese Name:	α -烯基磺酸钠
Commodity Name:	AOS 92
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 Formula:	$R-CH=CH-(CH_2)_n-SO_3Na$ ($R=C_{14-16}$)

PRODUCT DESCRIPTION

α -olefin sulfonate is a type of anionic surfactant processed by α -olefin gas-phase sulfonation and continuous neutralization. It has excellent emulsifying, decontaminating and calcium soap dispersing performances. Advantages include good solvency and compatibility, rich and fine foam, easy to biodegradation, low toxicity and low irritation to skin, etc. Especially in the application of non-phosphorus detergents, it has not only the good washing ability, but also good compatibility with enzyme agents. Powder (grain) shape products have good fluidity.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	White or light yellow powder
Odor	No strange odors
Active matter by wt %	92 min
Unsulfated matter by wt %	4.6 max
Sodium sulfate by wt %	5.5 max
Free alkali by wt % (as NaOH)	0.9 max
Color (5% Am.aq, sol.) Klett	100 max

MAIN APPLICATION

AOS is widely used in non-phosphorus washing powder, liquid detergents and home washing products, textile, printing and dyeing industry, petrochemical products, and industrial hard surface cleaning agents, etc.

PACKING, LOADING AND SHELF LIFE

Packing: 25kg PP bag with PE liner, or up to clients' request
Loading: 25kg bags only: 10mt/20'fcl, 24mt/40'HQ
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.