



## TECHNICAL DATA SHEET

### ALGQUAT – SAO

(Stearamine oxide )

It is a 25% active stearamine oxide. It is an excellent conditioning agent with conditioning properties comparable to quaternary ammonium compounds. It is slightly water soluble and solubility can be enhanced by blending with anionic surfactants to offer a clear formulation. ALG QUAT SO is an effective viscosity builder and useful in creating pleasing shampoo and hair rinse products. ALG QUAT is also gentle to both skin and eyes, causing no dermal or ocular irritation at 5% or less active use.

CAS No.	MOLECULAR WEIGHT	MOLECULAR FORMULA	MANUFACTURER
2571-88-2	313.56 g/mol	C <sub>20</sub> H <sub>43</sub> NO	ALG CHEMICALS

SPECIFICATION:	TEST	LIMIT
	Appearance at 25 Degree	Opaque Paste
	Active matter % w/w	24.5-26.5 % Min
	Free Amine content % w/w	NMT 1 %
	pH Value ( 1 % Solution)	6.-8
	Free oxide Content %	NMT 0.2%

<b>PACKAGING:</b>	200 kg, HDPE Drums Other sizes available upon request.
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<b>SHELF LIFE</b>	3 years from date of manufacturing
<b>STORAGE CONDITIONS</b>	Store in tightly closed, light resistant container and keep in cool, dry place

<b>APPLICATION</b>	a) Personal care Application Shampoo Hand wash Bath products Creams and lotions Hair conditioners
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# ALG Chemicals

*Chemistry for Hygiene & Healthy Life*

	<p>b) Industrial Application Dishwashing detergents Cleansers Hard surface cleansers ( containing acid and bleaches) Concentrated electrolyte systems</p>
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