



TECHNICAL DATA SHEET

ALGQUAT – LAO

(Laurylamine oxide/ Lauramine oxide/ lauryl dimethyl amine oxide)

It is stable against hydrogen peroxide, chlorine bleach and strong alkaline and acidic conditions. It has excellent viscosity adjusting properties.

Benefits

- Compatible with cationic formulations
- Hard water tolerant
- Controlling of viscosity

CAS No.	MOLECULAR WEIGHT	MOLECULAR FORMULA	MANUFACTURER
1643-20-5	229.408 g/mol	C ₁₄ H ₃₁ NO	ALG CHEMICALS

SPECIFICATION:	TEST	LIMIT
	Appearance at 25°C	Clear, colorless to slightly yellow liquid
	Non Ionic Active matter % w/w	30 % Min
	Free Amine content % w/w	NMT 1.0 %
	pH Value (10 % Solution)	6.5-8
	Hydrogen peroxide Content %	NMT 0.1%

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

APPLICATION	a) Personal care Application Shampoo
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ALG Chemicals

Chemistry for Hygiene & Healthy Life

	<p>Body wash Facial cleansers Soap bars</p> <p>b) Home care Application Bathroom and hygienic Cleaning Dishwash Laundry detergent Hard Surface(floor) cleaning Kitchen cleaners Hand soaps Fabric wash Toilet bowl cleaner Warewash detergent Oven and grill cleaners</p> <p>c) Textile cleaners Textile wet processing Textile and synthetic fibers</p> <p>d) Vehicle care Truck wash Car wash</p> <p>e) Industrial application Brewery cleaners Tank mix adjuvants Metalworking cleaner Meat packing plant cleaner</p>
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