



ALG Chemicals

Chemistry for Hygiene & Healthy Life

TECHNICAL DATA SHEET

ALGQUAT – DTAC

(Lauryl trimethyl ammonium Chloride/Dodecyl trimethyl ammonium chloride)

It has Good compatibility with cationic and nonionic surfactants. It has good chemical stability, heat resistance, light resistance, pressure resistance, resistance to acid and alkali, it also has excellent permeability, emulsification, softness, antistatic and bactericidal properties.

CAS No.	MOLECULAR WEIGHT	MOLECULAR FORMULA	MANUFACTURER
112-00-5	263.89g/mol	C ₁₅ H ₃₄ NCl	ALG CHEMICALS

SPECIFICATION:	TEST	LIMIT
	Appearance	Clear, colorless to slightly yellow liquid
	Active matter % w/w	30 % Min
	Free Amine content % w/w	NMT 1.0 %
	pH Value (10 % Solution)	6.5-8

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	This product can be used as phase transfer catalyst in the Nitroreduction rearrangement synthesis of 4-Aminophenol. Can also use its emulsion to produce architectural waterproof coating, cosmetic emulsifier, cationic chloroprene latex special emulsifier; Can be used in the production of synthetic fiber antistatic agent, latex industrial adhesive and isolating agent, industrial and agricultural use of fungicides.
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