



## TECHNICAL DATA SHEET

### ALGQUAT- MTAB

(Cetrimide/ Myritronium bromide/Myristyl trimethyl ammonium bromide)

CAS No.	MOLECULAR WEIGHT	MOLECULAR FORMULA	MANUFACTURER
8044-71-1	336.39 g/mol	C <sub>17</sub> H <sub>38</sub> BrN	ALG CHEMICALS

<b>CHARACTERISTICS:</b>	A white or almost white, voluminous, free-flowing powder. Freely soluble in water and in alcohol, practically insoluble in ether
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<b>SPECIFICATION:</b>	<b>TEST</b>	<b>LIMIT</b>
	Identification	To pass test
	Assay ( On dried basis)	Not less than 96.0% and not more than 101.0%
	Appearance of Solution	2% Solution in distilled water is Clear, and colourless
	Loss on drying	Not more than 2.0% (100°C to 105°C for 2hrs.)
	Acidity or Alkalinity	Not more than 0.1 ml of either 0.1M HCl / 0.1M NaOH solution.
	Amine salts	To pass test
	Sulphated ash	Not more than 0.5%
	Residual acetone	Not more than 500 ppm

<b>PACKAGING:</b>	25 kg HDPE Drums Other sizes available upon request.
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<b>SHELF LIFE</b>	5 years from date of manufacturing
<b>STORAGE CONDITIONS</b>	Store in tightly closed, light resistant container and keep in cool, dry place





# ALG Chemicals

*Chemistry for Hygiene & Healthy Life*

<b>TRANSPORT REGULATIONS:</b>	Classified as hazardous substance according to transport regulations ( class 9,UN 3077)
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<b>APPLICATION</b>	<p>Cetrimide is used as an active in various products mainly for topical use in sprays, gels, and creams for a range of purposes, where it helps cleaning burns and wounds, disinfecting skin before injections or surgery, and treating fungal infections or nappy rash.</p> <p>Antiseptic preparation Disinfectant formulation Phase transfer catalyst Antistatic agent</p>
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E-13 MIDC, Mahad Dist: Raigad, Maharashtra-402301, India



+91-9867784951



info@algchemicals.com



www.algchemicals.com