



TECHNICAL DATA SHEET

ALGCare - PCMX

(Para Chloro meta xylenol/ Chloroxylenol)

Para Chloro Meta Xylenol (PCMX) is an exceptionally broad spectrum bactericide and preservative with a long established and proven use in controlling bacteria, mildew and fungal growth in a wide range of applications (medical, domestic and industrial).

CAS No.	MOLECULAR WEIGHT	MOLECULAR FORMULA	MANUFACTURER
88-04-0	156.61 gm/mol	C ₈ H ₉ NOCl	ALG CHEMICALS

CHARACTERISTICS:	White to off white crystalline powder. Soluble in IPA (50 % w/w) and ethyl alcohol.
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SPECIFICATION:	TEST	LIMIT
	Identification	
Assay		99.0% Min.
Water content		0.20% Max.
Melting Range		114°C -116°C
Related substances		2.0 % Max.
Iron Content		100 ppm Max
Related impurities		Any individual impurity <1%

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

APPLICATION	It is used as a preservative in cooling fluids, cosmetics, topical medications, urinary antiseptics and metal working fluids. Liquids are used for cleaning and disinfecting wounds, abrasions and abscesses. The creams are used for cuts, scratches, insect bites, burns and
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ALG Chemicals

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similar problems. Powders are used to treat problems of the feet and skin inflammations. It is also found in hair conditioners, toilet and deodorants, soaps and paste

Usage Level :

Antiseptic Powder – 0.5 %

Antimicrobial preservative for otic and topical preparation – 0.1-0.8%

Disinfectant -- 2.5-5 %

