



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

Internet: www.aicma.com Email: info@aicma.com

SPECIFICATION SHEET

MAGNESIUM PIDOLATE Pyrrolidone Carboxylic Acid (PCA) Magnesium Salt

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
MGPGIP	2998	62003-27-4	June 15, 2007	MDS	Original	TJK

CHARACTERISTICS:	Odorless, white crystalline or granular powder that is soluble in water. Manufactured in a class 100K facility using injection grade water.
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SPECIFICATIONS:	Assay	98.5-102 %
	pH (10% solution)	6.0-9.5%
	Solubility in water @ 100°C	300-400 g/l
	Lead	5 ppm max
	Loss on drying	10.0-13.3%
	Arsenic	3 ppm max
	Magnesium content (as is)	8.25-8.75%
	Bulk density	400-600 kg/m ³
	Particle size	
Thru a 30 mesh	95 % min	
Total aerobic count	1000 cfu/g max	

PACKAGING:	Various packaging combinations are available depending upon customer requirements. Standard packaging is 25 kg fiber drums with inner HMHDPE liners.
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APPLICATIONS:	Cosmetic skin creams for anti-ageing and moisturizer
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SHELF LIFE AND STORAGE INSTRUCTIONS:	Material should be re-tested against certificate of analysis three years from date of manufacture and stored in a well closed container in a dry location at ambient room temperature (~ 20°C)
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OTHER:	Manufacturing site is cGMP (by WHO), EDQM (European Directorate for the Quality of Medicines), HACCP, ISO-9001:2000, ISO-14001,
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