



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

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

SPECIFICATION SHEET

MAGNESIUM ASCORBATE MONOHYDRATE 6.19%

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved
MB6AUP	1450	-	November 5, 2010	JP	No. 4	CDS

CHARACTERISTICS:	Off white to light purple powder. Contains 4.36-4.82% crystalline water.
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MOLECULAR FORMULA:	$C_{12}H_{14}O_{12}Mg \cdot H_2O$
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MOLECULAR WEIGHT:	392.56
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SPECIFICATIONS:	Assay	
	Magnesium	5.57-6.81%
	Ascorbic acid	80.7-94.1%
	Cadmium	Less than 0.5 ppm
	Arsenic	Less than 0.5 ppm
	Lead	Less than 0.5 ppm
	Mercury	Less than 0.1 ppm
	Total plate count	Less than 3,000 cfu/g
	Yeast and mold	Not more than 300 cfu/g
	Salmonella	Negative/25 g
	Escherichia coli	Negative/g
	Coliforms	Negative/g

STOCKING POINTS:	Salt Lake City, UT
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PACKAGING:	25 kg carton; 27 cartons per pallet
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APPLICATIONS:	Nutritional food supplements as a source for magnesium and vitamin C
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