



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

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

SPECIFICATION SHEET

MAGNESIUM GLYCINATE DIHYDRATE 11.7%

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
MGDAUP	1450	N/A	January 23, 2012	JGP	No. 2	CDS

CHARACTERISTICS:	White to off white powder. Contains 16.4-18.1% crystalline water.
-------------------------	---

MOLECULAR FORMULA:	$C_4H_8O_4N_2Mg \cdot 2H_2O$
---------------------------	------------------------------

MOLECULAR WEIGHT:	208.45
--------------------------	--------

SPECIFICATIONS:	Assay (Magnesium content)	11.1-12.2%
	Cadmium	Less than 1 ppm
	Arsenic	Less than 2.78 ppm
	Lead	Less than 0.30 ppm
	Mercury	Less than 1 ppm
	Coliforms	Negative/g
	Yeast and mold	Not more than 300 cfu/g
	Salmonella	Negative/25 g
	Escherichia coli	Negative/g
	Staphylococcus aureus	Negative/g
Total plate count	Less than 3,000 cfu/g	

STOCKING POINTS:	Salt Lake City, UT
-------------------------	--------------------

PACKAGING:	25 kg carton
-------------------	--------------

APPLICATIONS:	Nutritional food supplement as a highly bioavailable source for magnesium
----------------------	---