



American International Chemical, Inc.

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SPECIFICATION SHEET

MAGNESIUM ALPHAKETOGLUTARATE DIHYDRATE 11.9%

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
MAKAUP	1450	-	September 30, 2011	JGP	No. 1	RVK

CHARACTERISTICS:	White to off white powder. Contains 16.7-18.5% crystalline water.
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MOLECULAR FORMULA:	$C_5H_4O_5Mg \cdot 2H_2O$
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MOLECULAR WEIGHT:	204.42
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SPECIFICATIONS:	Assay (Magnesium content)	11.3-12.5%
	Cadmium	Less than 5 ppm
	Arsenic	Less than 3 ppm max
	Lead	Less than 10 ppm max
	Mercury	Less than 1 ppm max
	Salmonella	Negative/25g
	Escherichia coli	Negative/g
	Total plate count	Less than 3,000 cfu/g max
	Yeast and mold	Not more than 300 cfu/g

STOCKING POINTS:	Salt Lake City, UT
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PACKAGING:	20 kg double PE lined carton with 2 desiccant packs between the liners
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APPLICATIONS:	Nutritional food supplements as a source for magnesium and alphaketoglutaric acid.
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