



# American International Chemical, Inc.

Corporate Offices: (800) 238-0001

Internet: [www.aicma.com](http://www.aicma.com) Email: [info@aicma.com](mailto:info@aicma.com)

## SPECIFICATION SHEET

### MAGNESIUM YEAST 0.2%

Code No.	SCN No.	CAS No.	Effective Date	Written	Rev. No.	Approved
MGYAMP	3290	-	June 19, 2001	SDM	Original	TH

<b>CHARACTERISTICS:</b>	Light brown fine powder with taste and odor characteristic of normal yeast. Product is a mineral enriched, dry yeast ( <i>Saccharomyces cerevisiae</i> ). Magnesium is added during fermentation as a substrate. The active yeast metabolizes the Magnesium, where the Magnesium becomes organically linked to the yeast cell. The yeast is then washed, sterilized for inactivity, and dried. Contains 0.9% Sorbitan Monostearate as a flow conditioner.
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<b>SPECIFICATIONS:</b>	Assay (Magnesium content)	0.20-0.22%
	Moisture	7% max.
	Ash	8% max.
	Particle size through 80 mesh	99% min.
	Arsenic	3 ppm max.
	Lead	5 ppm max.
	Mercury	1 ppm max.
	Cadmium	1 ppm max.
	Total plate count	1000 cfu/g max.
	Yeast & mold	300 cfu/g max.
	Live yeast ( <i>S. cerevisiae</i> )	100 cfu/g max.
	Coliforms	10 cfu/g max.
	<i>P. aeruginosa</i>	10 cfu/g max.
	<i>E. Coli</i>	Negative
	<i>S. aureus</i>	Negative
<i>Salmonella</i>	Negative	

<b>STOCKING POINTS:</b>	Laredo, TX
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<b>PACKAGING:</b>	25 kg PE lined paper bag; 40 bags per pallet
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<b>APPLICATIONS:</b>	Nutritional food supplements and functional foods as an organic and bioavailable source of Magnesium.
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