



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

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

SPECIFICATION SHEET

ACRYLAMIDE OPTIMUM

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Written By	Rev. No.	Approved By
ACRLMD	5799	79-06-1	February 1, 2007	MVL	MVL	No. 1	KSG

CHARACTERISTICS:	White, free flowing crystals
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MOLECULAR FORMULA:	C ₃ H ₅ NO
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MOLECULAR WEIGHT:	71.08 g/mole
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SPECIFICATIONS:	Purity	99.9% min
	Melting point	84-86°C
	pH (10% in 0.1M NaCl @25°C)	5.5-6.5
	Conductivity (40% in H ₂ O)	5 µmhos max
	Free acrylic acid	10 ppm max
	Iron	1 ppm max
	Lead	1 ppm max
	DNase/RNase	None detected

STOCKING POINTS:	Farmingdale, NJ
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PACKAGING:	10 kg pails
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HAZARD IDENTIFICATION:	Acrylamide, Solid UN 2074 Hazard Class 6.1 PG III Toxic
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APPLICATIONS:	Electrophoresis gels
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