



Issue: 2.00  
Effective : March 31, 2001  
Location : Kennewick, W. Sacramento  
Production  
MN-7

## AMMONIUM NITRATE LIQUOR 83-85 Percent

### CHEMICAL ANALYSIS

	<u>MIN</u>	<u>MAX</u>	<u>TYPICAL</u>
TOTAL NITROGEN (wt. %N)	29.0	29.75	
• Ammonium Form (wt. %N)	14.5	14.9	
• Nitrate Form (wt. %N)	14.5	14.9	
MOISTURE (wt. %H <sub>2</sub> O)			17 - 15
pH of 50% vol./vol. AQUEOUS SOLUTION			4.0 – 7.0
FREE AMMONIA (%NH <sub>3</sub> )			Trace
TOTAL ORGANICS (ppm)			none

### PHYSICAL CONSTANTS

COLOR		Water -White
BOILING POINT	85%	275°F (135°C)
SALT OUT TEMPERATURE		160 - 186°F (71 – 85.5°C)

SOLUTION STRENGTH	BULK DENSITY (@ 250°F, 121°C)	SPECIFIC GRAVITY (@ 250°F, 121°C)
83 %	11.3 lbs/gal	1.35
85 %	11.5 lbs/gal	1.38

#### Please obtain a Material Safety Data Sheet for more information.

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