



Issue: 2.01
Effective : July 21, 2003
Location : Kennewick, W. Sacramento
Production MN-33

UREA AMMONIUM NITRATE LIQUID
UAN 32
32-0-0

<u>CHEMICAL ANALYSIS</u>	<u>MIN</u>	<u>MAX</u>	<u>TYPICAL</u>
TOTAL NITROGEN (wt. %N)	32.0		
• Ammonium form (wt. %N)	7.75		
• Nitrate form (wt. %N)	7.75		
• Urea form (wt. %N)	16.5		
pH of a 10% wt./wt. SOLUTION			6.7
FREE AMMONIA (wt. %)			0.01
<u>PHYSICAL ANALYSIS</u>			
COLOR			Clear, colorless
SPECIFIC GRAVITY @68°F/20°C			1.32
POUNDS PER U. S. GALLON @68°F/20°C			11.0
NITROGEN (pounds per U. S. gallon)			3.5
U. S. GALLONS PER TON			182
SALT OUT TEMPERATURE			32 °F/0°C
VAPOR PRESSURE			< atmospheric

Please obtain a Material Safety Data Sheet for more information.

To the best of the Manufacturer's knowledge and belief the information contained herein is accurate and reliable as of the date compiled. However, the Manufacturer makes no representation, warranty or guarantee as to the information's accuracy, reliability, completeness or timeliness. It is the user's responsibility to determine the suitability and completeness of such information for the user's own particular use or purposes. The Manufacturer does not accept any liability for any loss or damage that may occur from any use of this information.

Agrium Partnership, 13131 Lake Fraser Drive SE, Calgary, Alberta T2J 7E8; Phone: (403) 225-7000.

Agrium U.S. Inc., 4582 S. Ulster Street, Suite 1700, Denver, Colorado 80237; Phone: (303) 804-4400.