



Product Specifications
Effective: September 1, 2010
Location: Joffre

Anhydrous Ammonia

82-0-0

Industrial Grade

<u>CHEMICAL ANALYSIS</u>	<u>MINIMUM</u>	<u>MAXIMUM</u>	<u>TYPICAL</u>
Total Nitrogen (wt. %N)	82.0		
Ammonia (wt. %NH ₃)	99.7		
Moisture (wt. %H ₂ O)	0.2	0.3	0.25
Oil (ppm)		5	
Iron (Fe ₂ O ₃) ppm			1.2

PHYSICAL CONSTANTS

Color			Colorless
Specific Gravity @ 60°F/16°C			0.617
Boiling Point (°F/°C)			-28.0/-33.35
Freezing Point (°F/°C)			-107.9/-78.0
Liquid Density (lbs/U.S. gal @ 60°F/16°C) (kg/m ³ @ 0°C)			5.14 638.6
Vapor Pressure (psi @ 60°F/16°C)			92.9

Please obtain a Material Safety Data Sheet for more information.

To the best of Agrium's knowledge and belief the information contained herein is accurate and reliable as of the date compiled. However, Agrium 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. Agrium does not accept any liability for any loss or damage that may occur from any use of this information.

AGRIUM, 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.