



Product Specifications
Effective: November 29, 2011
Location: Various

Anhydrous Ammonia

82-0-0

Refrigeration Grade

CHEMICAL ANALYSIS

Component/Equivalent	Units	Minimum	Maximum	Typical
Total Nitrogen	wt. % N	82.2	-	-
Ammonia	wt. % NH ₃	99.98	-	-
Moisture by Karl Fischer (ppm)	wt. % H ₂ O	-	100	-
Oil	(ppm)	-	5	-

PHYSICAL ANALYSIS

Parameter	Typical			
Color	Colorless			
Specific Gravity @ 68°F/20°C, 7.3 atm.	0.61			
Boiling Point @ 1 atm., °F/°C	-28/-33			
Freezing Point, °F/°C	-108/-78.0			
Pounds per U.S. Gallon @ 68°F/20°C, 7.3 atm.	5.04			
Pounds per Unit N	24.3			
Vapor Pressure at Specific Temperatures				
Temperature, °F/°C	30/-1.1	60/15.5	90/32.2	120/48.9
Vapor Pressure, psig	45	93	166	272

Please obtain a Material Safety Data Sheet for more information.

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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.