

Ammonium Nitrate Liquor 83-85% Industrial

CHEMICAL ANALYSIS

| Component/Equivalent | Units | Minimum | Maximum | Typical |
|-----------------------------------|------------------------|---------|---------|-------------|
| Ammonium Nitrate | % | 83 | 85 | - |
| Ammonium form | % | - | - | 41.5 - 42.5 |
| Nitrate form | % | - | - | 41.5 - 42.5 |
| Moisture | wt. % H ₂ O | - | - | 15-17 |
| Free Ammonia | wt. % NH ₃ | - | - | Trace |
| pH of 50% vol./vol. Aqueous Sol'n | | - | - | 4.5 - 6.0 |
| Total Organics | ppm | - | 5 | - |

PHYSICAL ANALYSIS

| Parameter | Units | Typical |
|------------------------------------|-------|---------------|
| Color | | Water - White |
| Freezing Point 85% | °F/°C | 170/77 |
| Pounds/US Gallon 80% @ 250°F/121°C | | 11.18 |
| Pounds/US Gallon 85% @ 250°F/121°C | | 11.45 |
| Pounds/US Gallon 90% @ 250°F/121°C | | 11.68 |
| Specific Gravity 80% @ 250°F/121°C | | 1.34 |
| Specific Gravity 85% @ 250°F/121°C | | 1.37 |
| Specific Gravity 90% @ 250°F/121°C | | 1.40 |

Please obtain a Safety Data Sheet for more information.

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

Product is manufactured by the following subsidiaries of Nutrien Ltd.:

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

Agrium U.S. Inc., 5296 Harvest Lake Drive, Loveland, CO 80538; Phone: (970) 685-3600.