

# AMMONIUM NITRATE

Technical  
Information



## 10% N Liquid Fertilizer

### Product Description

This AMMONIUM NITRATE liquid fertilizer is registered as Special Product 550 and has undergone analysis in accordance with the State of Washington for heavy metals and does not contain any heavy metals restricted by any state fertilizer commissions. Since the percent of nitrogen varies, the fertilizer is sold on analysis.

### Application Recommendations

- This liquid fertilizer is used in direct application with spray atomization or put into sprinkler systems.
- AMMONIUM NITRATE is a fast release fertilizer. The plants quickly absorb the nitrate ion and ammonium ion for immediate metabolism.

### Transportation, Storage and Handling

- Dilute AMMONIUM NITRATE solution is a very benign and safe chemical to handle and transport.
- Any AMMONIUM NITRATE can decompose into ammonia and nitric acid fume at 350 F.
- **ALWAYS** wash vessels containing AMMONIUM NITRATE thoroughly before attempting repairs requiring welding.
- Should a large spill of AMMONIUM NITRATE solution occur, **ALWAYS** restrict it from the drainage. The high nitrogen content (10%) can kill foliage if not diluted.
- AMMONIUM NITRATE can be handled by the municipal water treatment facility if spilled in a municipality.

## Properties

MSDS  
#1140

	Battle Mountain, Cheyenne & St. Helens
Total Nitrogen % by weight	5.0 to 12.0
Ammonium Nitrate % by weight	14.3 to 34.3
Water % by weight	85.7 to 64.7
pH	7.0 to 8.0
Chloride ion	Present
Sulfate ion	Present
Sodium ion	Present
Calcium ion	Present
Free Ammonia	Present
Poisonous Heavy Metals	None Present
Weight @ 60°F lbs/gallon	~10.0

### Hazardous Shipping Description

- There are no DOT restrictions (other than weight) to transport this product.
- Consult MSDS #1140 for more specific and comprehensive information about chemical hazards.

**Product Disclaimer** Dyno Nobel Inc. and its subsidiaries disclaim any warranties with respect to this product, the safety or suitability thereof, or the results to be obtained, whether express or implied, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND/OR OTHER WARRANTY. Buyers and users assume all risk, responsibility and liability whatsoever from any and all injuries (including death), losses, or damages to persons or property arising from the use of this product. Under no circumstances shall Dyno Nobel Inc. or any of its subsidiaries be liable for special, consequential or incidental damages or for anticipated loss of profits.

NBMCSH-03-05-05-11

### Dyno Nobel Inc.

2795 East Cottonwood Parkway, Suite 500, Salt Lake City, Utah 84121 USA  
Phone 800-732-7534 Fax 801-328-6452 Web [www.dynonobel.com](http://www.dynonobel.com)

**DYNO**  
Dyno Nobel

Groundbreaking Performance™