



# Technical Data Sheet

HYDRAN<sup>™</sup>

FERTILIZER GRADE\*, GRANULAR AMMONIUM NITRATE

33.5-0-0

TYPICAL ANALYSIS

Total Nitrogen		33.5%
16.6% Ammoniacal Nitrogen		
16.9% Nitrate Nitrogen		
Stabilizer		
Mg (NO <sub>3</sub> ) <sub>2</sub>		1.5%
CaCO <sub>3</sub> • MgCO <sub>3</sub> (Dolomite)		3.0%
Physical Properties		
Particle Size	(-6 +12) Tyler Mesh, SGN 240	
Bulk Density	63 lbs/ft <sup>3</sup> (± 5%)	
Angle of Repose		34°
Transportation Classification		
Rail - R.I.D. Class 5.1-6a		
Road - A.D.R. Class 5.1-6a		
Inland Waterways - A.D.N.R. Class 3c-6a		
Sea - I.M.O. Class 5.1 UN 2067		
* Resistance to detonation (in tube)		
According to EEC Standards		* Cannot detonate
Oil retention after 5 cycles (25-50-25°C)		2.0%
* Stabilized product, coated with an anti-caking agent		
<b>U.S. Placard - 5.1 Oxidizer, UN 2067</b>		

2/7/05

## Customer Service

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