



Ammonium Sulfate



PRODUCT DESCRIPTION

Ammonium sulfate supplies 21% nitrogen and 24% sulfur in a single granular product, and unlike urea it does not volatilize when surface-applied — the nitrogen you spread is the nitrogen the crop gets. Its mild acidifying effect also makes it a good fit for the calcareous, high-pH soils common across South Texas and Northern Mexico.

TYPICAL SPECIFICATIONS

PROPERTY	VALUE	BASIS
Chemical formula	$(\text{NH}_4)_2\text{SO}_4$	Per standard
Nitrogen (N)	21.0%	Per standard
Sulfur (S)	24.0%	Per standard
Appearance	White to beige granular crystal	Typical
Moisture	0.5% maximum typical	Typical
Grades available	Granular · Standard · Fine	Typical

PRINCIPAL INDUSTRIAL APPLICATIONS

-  **Row Crop Agriculture**
Nitrogen and sulfur source for cotton, corn, sorghum, and small grains — particularly valuable on high-pH calcareous soils where its acidifying effect improves nutrient availability.
-  **Fertilizer Blending**
Standard component in bulk-blended and compound fertilizer formulations where sulfur must accompany nitrogen.
-  **Industrial & Drilling**
Shale-inhibition additive in water-based drilling fluids, and a nitrogen source across a range of industrial processes.

PACKAGING & AVAILABILITY

- 50 lb bags

HANDLING & STORAGE

Low hazard. Store dry — the product cakes if exposed to humidity. Do not mix with strongly alkaline materials, which liberates ammonia gas.

A Safety Data Sheet (SDS) is available for this product on request and should be reviewed before handling.

ORDERING & TECHNICAL SUPPORT

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IMPORTANT NOTICE

The information in this data sheet is provided in good faith and is believed accurate at the date of issue. Values marked "Typical" represent commercial norms and are not a specification; the certificate of analysis for your specific shipment governs. Values marked "Per standard" are requirements of the cited standard. Mix Minerals makes no warranty, express or implied, regarding suitability for any particular application. The user is responsible for determining suitability and for safe handling in accordance with the applicable Safety Data Sheet.