

TECHNICAL DATA SHEET

Ammonium Nitrate | CAS 6484-52-2

1. Product Identification

Product Name	Ammonium Nitrate
CAS Number	6484-52-2
Synonyms	AN, NH ₄ NO ₃ , Ammonium saltpeter
Category	Inorganic Salt
Available Grades	Technical/99%/Agricultural
HSN Code	3102.30

2. Physical & Chemical Properties

Molecular Formula	NH ₄ NO ₃
Molecular Weight	80.04
Appearance	Refer to TDS
Density	1725 kg/m ³
Boiling Point	210°C (d)
Melting Point	169.6°C
Flash Point	None
Solubility	Freely soluble

3. Applications

• Nitrogen fertilizer • Chemical synthesis • Cold pack refrigerant

4. Industries Served

Agriculture, Chemical

5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.