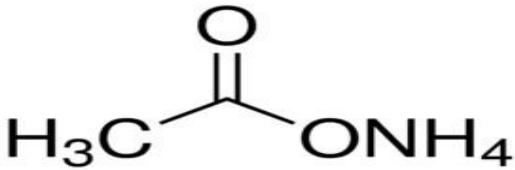




RASHDEEP CHEMICALS

Technical Data Sheet - Ammonium Acetate

1	Chemical Name	Ammonium Acetate Anhydrous
2	CAS No	631-61-8
3	Synonym (s)	Acetic Acid - Ammonium Salt
4	Chemical Formula	C ₂ H ₇ NO ₂
5	Chemical Structure	
6	Molecular Weight	77.08 g/mol
7	Description	white crystalline powder
8	Solubility	Soluble in water
9	Storage and Handling	Highly hygroscopic / store in dry place
10	Uses	<p>Food Industry:</p> <ul style="list-style-type: none">● Food Acidity Regulator: Ammonium acetate is used as a food additive to adjust or control the acidity or alkalinity of food products.● Food Preservative: It can be used to help preserve food, though it is no longer approved for this purpose in the EU. <p>Chemical and Pharmaceutical Industries:</p> <ul style="list-style-type: none">● Chemical Analysis: It's used as a reagent in analytical chemistry.



RASHDEEP CHEMICALS

- **Pharmaceuticals:** It plays a role in the pharmaceutical industry.
- **Protein Precipitation:** It can be used to precipitate proteins.
- **Buffer:** It is used as a buffer in various applications, including ESI mass spectrometry and HPLC.
- **Catalyst:** It serves as a catalyst in the Knoevenagel condensation process and as a source of ammonia in the Borch reaction.

Other Industries:

- **Textile Dyeing:** It is used in textile dyeing.
- **Foam Rubber Manufacture:** It is used in the manufacture of foam rubber.
- **De-icing Agent:** It is used as a biodegradable de-icing agent.
- **Explosives:** It is used in the manufacturing of explosives.
- **Agricultural Chemistry:** It is used in agricultural chemistry to assess the cation exchange capacity of the soil.
- **Lead Artifact Conservation:** It is part of Calley's method for lead artifact conservation.