

TECHNICAL DATA SHEET

Ammonium Chloride | CAS 12125-02-9

1. Product Identification

Product Name	Ammonium Chloride
CAS Number	12125-02-9
Synonyms	Sal ammoniac, Ammonium muriate, NH ₄ Cl, E510
Category	Inorganic Salt
Available Grades	Technical/99%/Food Grade/LR/AR
HSN Code	2827.10

2. Physical & Chemical Properties

Molecular Formula	NH ₄ Cl
Molecular Weight	53.49
Appearance	White crystalline powder
Density	1527 kg/m ³
Boiling Point	338°C (sublimes)
Melting Point	N/A
Flash Point	None
Solubility	37g/100ml water

3. Applications

• Nitrogen fertilizer • Battery electrolyte • Soldering flux • Pharmaceutical • Food additive • Chemical synthesis

4. Industries Served

Agriculture, Battery, Pharmaceutical, Chemical, Research

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.