

TECHNICAL DATA SHEET

Ammonia Solution | CAS 1336-21-6

1. Product Identification

Product Name	Ammonia Solution
CAS Number	1336-21-6
Synonyms	Ammonium hydroxide, Aqueous ammonia, Liquor ammonia
Category	Base
Available Grades	Technical/25%/28%/LR/AR
HSN Code	2814.20
UN Number	UN2672

2. Physical & Chemical Properties

Molecular Formula	NH ₃ OH
Molecular Weight	35.05
Appearance	Colourless liquid with pungent odour
Density	900 kg/m ³
Boiling Point	37.7°C (25%)
Melting Point	-77°C (anhydrous)
Flash Point	None
Solubility	Miscible with water

3. Applications

• Fertilizers • Chemical synthesis • pH adjustment • Refrigerant • Cleaning agent • Lab reagent

4. Industries Served

Agriculture, Chemical, Refrigeration, 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.