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Technical Data Sheet
LIQUID AMMONIA 25% (AMMONIUM HYDROXIDE)

Product Identification

Product Name : AMMONIA LIQUID /LIQUID AMMONIA 25% (AMMONIUM HYDROXIDE)
Chemical Name : Ammonium Hydroxide Solution
Synonyms : Aqueous Ammonia, Liquor Ammonia, Ammonia Solution
CAS No : 1336-21-6

Product Description

Ammonia Liquid is a clear, colorless aqueous solution of ammonia gas in water with a strong pungent odor. It is widely used in fertilizers, water treatment, chemical manufacturing, textile processing, pharmaceuticals, and cleaning formulations.

Specifications

Sr No.	Parameters	Specification
01	Ammonia Content (NH3 %)	25% Min.
02	Chloride (As Cl)	< 0.0004 %
03	Sulphate (As So4)	< 0.0002 %
04	Iron (As Fe)	< 0.0001 %
05	Carbonate	< 0.0001 %
06	Sp. Gravity @ 250°C	0.903
07	Appearance	Clear colourless liquid Odour strongly pungent & characteristics.
08	Manganese (Mn)	Nil
09	Aluminium (Al)	Nil

Industrial Applications

- Fertilizer manufacturing
- Water and wastewater treatment
- Textile processing
- Pharmaceutical industry
- Chemical synthesis
- Rubber and latex industry
- Cleaning products and detergents

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- Pulp and paper industry

Storage & Handling:

- Store in tightly closed containers in a cool, dry, and well-ventilated area away from heat, acids, and oxidizing agents.

Packing:

- 35 Kg/50 Kg HDPE Carboys
- 200 Kg HDPE Drums
- 1 MT IBC Tanks
- Bulk Tankers