



Product Specification

Product Name: **AMMONIA 25% solution AR**

Alternate Name(s) Ammonia Hydroxide; aqua ammonia; ammonium hydrate.

Description

A clear liquid with a pungent, suffocating, odour. Extremely dangerous to the eyes.

Properties

Chemical Formula:

Molecular Weight: 35.05

Product Code:

AA007

CAS No.

1336-21-6

General Information:

Corrosive to Cu, Ni, Zn & Sn and their alloys such as brass.

Hazard and Safety Data

UN Group: III
Class: 8
UN Number: 2672
Hazchem code: 2R
CS MSDS Code: 1CH0U
Poison schedule: S6
Emergency
Procedure Guide No.: 37

Quality Specification

Assay: 25% min.

Specific Properties and Impurities [Typical levels]:

Density	0.91 g/ml
Carbonate (CO ₂)	≤ 0.002%
Phosphate (PO ₄)	≤ 0.0002%
Chloride (Cl)	≤ 0.00005%
Sulphate (SO ₄)	≤ 0.0003%
Non-volatile matter	≤ 0.003%
Calcium (Ca)	≤ 0.0005%
Potassium (K)	≤ 0.0001%
Sodium (Na)	≤ 0.0005%
Magnesium (Mg)	≤ 0.00005%
Iron (Fe)	≤ 0.00005%
Copper (Cu)	≤ 0.00001%
Zinc (Zn)	≤ 0.00001%

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