

Technical Data Sheet

Product Name: AMMONIA 21%-25% solution

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: NH_4OH

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

Ammonia: 21%-25% min.

Specific Properties and Impurities (Typical levels):

Density	0.91 g/ml
Carbonate (CO_2)	$\leq 0.002\%$
Phosphate (PO_4)	$\leq 0.0002\%$
Chloride (Cl)	$\leq 0.00005\%$
Sulphate (SO_4)	$\leq 0.0003\%$
Non-volatile matter	$\leq 0.003\%$
Calcium (Ca)	$\leq 0.0005\%$
Potassium (K)	$\leq 0.0001\%$
Sodium (Na)	$\leq 0.0005\%$
Magnesium (Mg)	$\leq 0.00005\%$
Iron (Fe)	$\leq 0.00005\%$
Copper (Cu)	$\leq 0.00001\%$
Zinc (Zn)	$\leq 0.00001\%$

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