



Product Specification

cdhfinechemical.com

AMMONIUM HYDROXIDE 18-20% SOLUTION AR

PRODUCT CODE	805210
SYNONYMS	Ammonia solution
C.I. NO.	--
CASR NO.	(1336-21-6)
ATOMIC OR MOLECULAR FORMULA	NH ₄ OH
ATOMIC OR MOLECULAR WEIGHT	35.05
PROPERTIES	--

NH₄OH

PARAMETER	LIMIT
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Description	Clear colourless liquid with a pungent odour.
Solubility	Miscible in water.
Minimum assay (NH ₃)	18.0-20.0% w/w

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition	0.002%
Carbon dioxide (CO ₂)	0.002%
Chloride (Cl)	0.00005%
Nitrate (NO ₃)	0.0002%
Phosphate (as PO ₄)	0.0002%
Sulphate (SO ₄)	0.00002%
Iron (Fe ₂ O ₃)	Passes test
Heavy metal	0.00005%
Iron (Fe)	0.00002%

Note(s) : Assay (if applicable) method mentioned.

DANGER

Hazard statements : Harmful if swallowed. Causes mild skin irritation. Causes serious eye damage. Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention: Wash hands thoroughly after handling. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Do not eat, drink or smoke when using this product.

Response: Wear eye/face protection. If skin irritation occurs, seek medical advice/attention. If exposed or concerned: Get medical attention advice. If eye irritation persists, get medical advice/attention. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

IMDG Code : 8/III
UN No. : 2672
IATA : 8

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

Hazard Pictogram(s) :



GHS05



GHS09



GHS07