

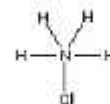


Product Specification

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AMMONIUM CHLORIDE AR/ACS SUITABLE FOR CHROMATOGRAPHIC USE

PRODUCT CODE	456615
SYNONYMS	—
C.I. NO.	—
CASR NO.	12125-02-9
ATOMIC OR MOLECULAR FORMULA	NH₄Cl
ATOMIC OR MOLECULAR WEIGHT	53.49
PROPERTIES	Hygroscopic. Slightly soluble in alcohol
PARAMETER	LIMIT
Description	A white crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum assay(Argentometric; ex Cl)	99.8%
pH (of 5% Soln.in water)	4.6 – 6.0



MAXIMUM LIMIT OF IMPURITIES

Insoluble matter	0.001%
Loss on drying (at 110°C)	0.2%
Non volatile matter	0.005%
Acidity or alkalinity	Passes test
Nitrate (NO ₃)	0.00005%
Phosphate (PO ₄)	0.0002%
Sulphate (SO ₄)	0.002%
Arsenic (As)	0.0003%
Bromides & iodides	Passes test
Iodide (I)	0.001%
Calcium (Ca)	0.001%
Copper (Cu)	0.00025%
Iron (Fe)	0.0002%
Lead (Pb)	0.0002%
Magnesium (Mg)	0.0005%
Pyridine & homologues	0.001%
Potassium (K)	0.005%
Sodium (Na)	0.005%
Thiocyanate	Passes test

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

WARNING

Hazard statements : Harmful if swallowed. Causes serious eye irritation.

Precautionary statements

Prevention: Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wear eye /face protection. If eye irritation persists, get medical advice/attention. Specific treatment: refer to Label or MSDS.

IMDG Code :

UN No. :

IATA :



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Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

Hazard Pictogram(s) :-



GHS07