



Product Specification

cdhfinechemical.com

AMMONIUM CHLORIDE

PRODUCT CODE		H02855
SYNONYMS		—
C.I. NO.		—
CASR NO.		12125-02-9
ATOMIC OR MOLECULAR FORMULA		NH ₄ Cl
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)		99.5%
pH (5% aq. solution)		4.6 – 6.0
MAXIMUM LIMIT OF IMPURITIES		
Residue on ignition		0.1%
Loss on drying (105°C for 2hrs)		0.5%
Sulphated ash		0.1%
Sulphate (SO ₄)		0.015%
Iron (Fe)		0.002%
Heavy metals (Pb)		0.0002%
Calcium (Ca)		0.02%
Bromide & Iodide		Passes test
Acidity or alkalinity		Passes test
Limit of Thiocyanate		Passes test
Note(s) : Assay (if applicable) method mentioned.		
WARNING		IMDG Code :
Hazard statements :Harmful if swallowed. Causes serious eye irritation.		UN No. :
Precautionary statements		IATA :
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.		
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		