

AMMONIUM CHLORIDE MEETS TO IP TESTING SPECIFICATIONS

PRODUCT CODE	P01905
SYNONYMS	Salmiac, Ammonium muriate
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.
Assay	NLT 99.0% and NMT 100.5% of NH ₄ Cl, calculated on dried basis
pH (5% solution)	4.6 – 6.0
Identification	It gives the reaction of chlorides and ammonia salts
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying (at 105°C)	1.0%
Sulphated ash	0.1%
Arsenic	0.0004%
Heavy metals	0.001%
Iron	0.002%
Calcium	0.02%
Sulphates	0.015%
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 :
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	