



Product Specification

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AMMONIUM FLUORIDE

PRODUCT CODE	027167	
SYNONYMS	—	
C.I. NO.	—	
CASR NO.	12125-01-8	
ATOMIC OR MOLECULAR FORMULA	NH₄F	
ATOMIC OR MOLECULAR WEIGHT	37.04	
PROPERTIES	Decomposed by heat, soluble in cold water.	
PARAMETER	LIMIT	
Description	Moist white crystals.	
Solubility	10% solution in water is clear and colourless.	
Minimum assay (Acidimetric)	95.0%	
pH of (5% solution in water)	5-7	
MAXIMUM LIMIT OF IMPURITIES		
Residue on ignition	0.05%	
Chloride (Cl)	0.005%	
Sulphate (SO ₄)	0.01%	
Iron (Fe)	0.002%	
Heavy metals (as Pb)	0.01%	
Note(s) : Assay (if applicable) method mentioned.		
DANGER Hazard statements: Toxic if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Harmful to aquatic life with long lasting effects. Precautionary statements Prevention: Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust or mist. Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Absorb spillage to prevent material damage. Disposal: Dispose of contents and container in accordance with relevant legislation.	IMDG Code : 6.1/III UN No. : 2505 ATA : 6.1	
Hazard Pictogram(s) :--		
 GHS06		 GHS05