



Product Specification

cdhfinechemical.com

AMMONIUM BIFLUORIDE AR/ACS



PRODUCT CODE	456390		
SYNONYMS	(Ammonium Hydrogen difluoride)		
C.I. NO.	--		
CASR NO.	1341-49-7		
ATOMIC OR MOLECULAR FORMULA	NH₄F.HF		NH ₃
ATOMIC OR MOLECULAR WEIGHT	57.04		
PROPERTIES	--	HF	HF

PARAMETER	LIMIT
Description	Colourless or white crystalline powder/ crystals/flakes.
Solubility	10% solution in water is clear and colourless.
Minimum assay (acidimetric)	98.5%

MAXIMUM LIMIT OF IMPURITIES	
Non-volatile matter	0.005%
Chloride (Cl)	0.002%
Fluorosilicate (SiF ₆)	0.3%
Sulphate (SO ₄)	0.005%
Iron (Fe)	0.005%
Heavy metals (as Pb)	0.001%

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

<p>DANGER</p> <p>Hazard statements: Toxic if swallowed. Harmful if inhaled. May be corrosive to metals. Causes severe skin burns and eye damage.</p> <p>Precautionary statements</p> <p>Prevention: Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust or mist. Wash thoroughly after handling. Use only outdoors or in a well ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/clothing and eye/face protection.</p> <p>Response: Call a POISON CENTER or doctor/physician if you feel unwell. 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 on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water /shower. Absorb spillage to prevent material damage. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. 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. Wash contaminated clothing before reuse. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.</p> <p>Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.</p>	<p>IMDG Code :8/II</p> <p>UN No. : 1727</p> <p>IATA : 8</p>
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<p>Hazard Pictogram(s) :</p> <div style="display: flex; justify-content: center; gap: 20px;"> <div style="text-align: center;">  <p>GHS05</p> </div> <div style="text-align: center;">  <p>GHS06</p> </div> </div>

Replace Date 24-Jan-2025