

Technical Data Sheet

Version: 1.0
Page 1, Total 1

Date: 18 / 6 / 2026



Item Name:

NH₄HF₂

PRODUCT INFORMATION

Chinese Name:	氟化氢铵
Commodity Name:	Ammonium Bifluoride
Chemical Name:	Ammonium Bifluoride
Other Name:	Ammonium Hydrogen Difluoride
CAS No.:	1341-49-7
Molecular Weight:	57.04
Molecular Formula:	NH ₄ HF ₂

PRODUCT DESCRIPTION

It is a kind of inorganic compounds, appearance is white or colorless transparent orthorhombic crystal, has slightly smell of sour, corrosive, water solution features weak acid, easily soluble in water, slightly soluble in ethanol, decomposed when meet with heat in the hot water.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	White or colorless transparent orthorhombic crystal
Content by wt %	98 min
(NH ₄) ₂ SiF ₆ by wt %	0.7 max
SO ₄ ²⁻ by wt %	0.1 max
Residue after burning by wt %	0.2 max
Loss on drying by wt %	3 max

MAIN APPLICATION

Used as glass etching agent, preservative, disinfectant and treatment for metal surface; Used as cleanser for boiler; Used as extracting reagent for rare elements.

PACKING AND SHELF LIFE

Packing: 25kg/bag

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.