



# Product Specification

## Product Name: AMMONIUM HYDROGEN DIFLUORIDE TG

Alternate Name(s) Ammonium bifluoride; Acid ammonium fluoride.

### Description

White, clear crystals or flakes.

### Properties

Chemical Formula:  $\text{NH}_4\text{HF}_2$

Molecular Weight: 57.04

Product Code: AT082

CAS No. 1341-49-7

### General Information:

Soluble in water.

### Hazard and Safety Data

UN Group: II  
Class: 8  
UN Number: 1727  
Hazchem code: 2X  
CS MSDS Code: 1CHAJ  
Poison schedule: S7  
Emergency  
Procedure Guide No.: 37

### Quality Specification

Assay: 98.5% min.

### Specific Properties and Impurities [Typical levels]:

Ignition Residue	≤ 0.2 %
Sulfate	≤ 0.1 %
Fluorosilicate	≤ 0.5 %
Chloride	≤ 0.1 %
Heavy Metals (as Pb)	≤ 0.05 %
Iron	≤ 0.05 %
Density	1.5
Melting Point	124.6 °C

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