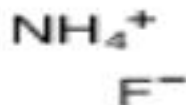


**FC-107 (CAS 12125-01-8) Ammonium fluoride****BASIC  
INFORMATION**

Cas: 12125-01-8  
Name: Ammonium fluoride  
English alias: N-amidino-3,5-diamino-6-chloropyrazinecarboxamide hydrochloride;GUANAMPRAZINE;Arumil;amiprazidine;ammonia fluoride;3,5-diamino-N-carbamimidoyl-6-chloropyrazine-2-carboxamide hydrochloride;AMipraMidine;HCL AMILORIDE HCL;AMILORIDE HCL;AMIPRAMIZIDE;Ammonium fluoride;Amiloridhydrochlorid;amiloridechloride;amine hydrofluoride;AMIPRAMIDIN;ammonium flouride;AMipraMizi;ammonium hydrogen fluoride;  
Molecular formula: FH4N  
Molecular weight: 37.03690  
PSA: 0.00000  
LOGP: -2.61980

**PHYSICAL INDEX**

Appearance and properties: white crystal  
Density: 1.11 g/mL at 20 °C  
Boiling point: 65°C/760mmHg  
Melting point: 98°C  
Water solubility: soluble  
Stability: Stable. Incompatible with strong oxidizing agents, water, most common metals, strong bases, strong acids. Attacks glass.  
Storage conditions: The warehouse is ventilated, low temperature and dry, stored and transported separately from acids, alkalis, food and CLF3  
Vapor pressure: 5990mmHg at 25°C

**SECURITY  
INFORMATION**

RTECS number: BQ6300000  
Safety instructions: S26-S45-S1/2-S36/37/39  
WGK Germany: 1  
Hazard category code: R23/24/25  
Customs code: 2826191090  
Dangerous goods transport code: UN 2505 6.1/PG 3  
Hazard category: 6.1  
Packing level: III  
Dangerous goods mark: T

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Hazard description: H301 + H311 + H331; H318

Signal word: Danger

Hazard prevention statement: P280; P302 + P352 + P312; P304 + P340 + P312; P305 + P351 + P338 + P310

Danger signs: GHS05, GHS06

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production method

1. Liquid phase method

use

Glass etching agents, wood and wine preservatives, disinfectants, analytical reagents, zirconium spotting reagents, fiber mordants, and reagents for extracting rare elements.

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**PRODUCTION****METHODS AND****APPLICATION**