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Ammonium Fluoride

Formula: NH₄F

CAS No: 12125-01-8

M.W: 37.04

Properties: It is a white crystal with corrosive to skin and toxic. It is soluble in water and methanol, slightly soluble in ethanol, insoluble in propanone and liquid ammonia. When it is in hot water decomposition will occur to release ammonia and ammonium bifluorid.

Specification: (%)

Assay (NH ₄ F)	96.0min
Residue on ignition	0.2max
HF	1.0max
SiO ₂	0.5max
Fe	0.01max
Cu	0.006max

Application: It is used for extracting rare elements, glass etching, preservative and disinfectant in timber and brewing, fibrous mordant and analytical reagent.

Storage: store at a dry ventilated place, avoid wetting.

Packing: 25Kg net, double plastic bags lined plastic woven sack.

Hazardous details:

UN No. : 9158

Class : 6.1

Packing: III