

# SHANGHAI MINTCHEM DEVELOPMENT CO., LTD

R602 4# 89 NONG MUDAN ROAD PUDONG SHANGHAI CHINA

## Specification Sheet

### Ammonium Fluorosilicate

#### Physical Properties:

Formula	(NH <sub>4</sub> ) <sub>2</sub> SiF <sub>6</sub>	Molecular Weight	178.15	CAS NO.	16919-19-0
U.N-NO	2854	Class	6.1	H.S-NO	2826900090

#### Character:

Colorless crystalline powder, there are two kinds of  $\alpha$  and  $\beta$  crystal form, no smell, density:  $\alpha$ -type 2.011;  $\beta$ -type 2.152, soluble in water and alcohol. Insoluble in acetone, air stability, and long time heating will destroy  $\beta$ -type crystal system and its transformation into  $\alpha$  -

#### Chemical Parameters:

NO.	Technological Specification	Standard%
1	Assay	98MIN
2	H <sub>2</sub> SiF <sub>6</sub>	0.3MAX
3	Sulfate(SO <sub>4</sub> )	0.6MAX
4	Moisture(H <sub>2</sub> O)	0.6MAX
5	Water Insoluble Mater	0.5MAX

**APPLICATION:** It is mainly used for brewing industry, disinfectant, glass etching agent, textile moth agents, wood preservatives, but also in light metal casting, electroplating, also used by the Green Sand Preparation of potassium and ammonium perchlorate artificial cryolite, and so on. In the chemical analysis was also used to determine the barium salt.

**PACKAGE:** Packing in plastic weaved bag 25kg each.

**Transportation:** DG, Class 6.1, UN 2854

**MANUFACTURER:** SHANGHAI MINTCHEM DEVELOPMENT CO., LTD

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