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## Ammonium Silicofluoride

**Formula:**  $(\text{NH}_4)_2\text{SiF}_6$

**CAS No:** 16919-19-0

**M. W:** 178.15

**Properties:** Colorless crystalline powder, soluble in alcohol and water. There are two kinds of crystals:  $\alpha$  and  $\beta$ .  
Density of  $\alpha$ : 2.011g/cm<sup>3</sup>, density of  $\beta$ : 2.152g/cm<sup>3</sup>

### Specification: (%)

Assay [ $(\text{NH}_4)_2\text{SiF}_6$ ]	98min
$\text{H}_2\text{SiF}_6$	0.6max
$\text{SO}_4$	0.3 max
Fe	0.02max
Water Insoluble Matter	0.3max
$\text{H}_2\text{O}$	0.5max

**Application:** Used as moth proofing agent, disinfectant in brewing industry, glass etchant, moth proof for textiles, light metal casting. Also used in artificial cryolite and producing ammonium chlorate etc

**Packing:** 25Kg net, pack sealed with double plastic bags lined plastic woven bag

**Storage:** Store at dry and ventilating place, avoid damp and keep away from food and acid.