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Technical Data Sheet

Ammonium Bifluoride

CAS # 1341-49-7

TECHNICAL DATA

TYPICAL ANALYSIS

Ammonium Bifluoride, %wt

Ammonium Fluoride, %wt

SPECIFICATIONS

95 Minimum

5 Maximum

PHYSICAL PROPERTIES

#/Gallon

1.00

Flash Point

None

Appearance & Odor

Pungent off-white crystals.

Physical State

Solid

Stability - Conditions to Avoid

Stable-May decompose if heated.

Incompatibility

Strong acids and bases, glass and silicon-based products

Hazardous Decomposition

Hydrogen fluoride, carbon dioxide when neutralized.

Polymerization - Conditions to Avoid

Will not occur-None.

Unusual Fire & Explosion Hazards

Fumes from decomposition are extremely corrosive and toxic.

USES & APPLICATIONS

Ceramics, chemical reagent, etching glass (white acid), sterilizer for brewery, dairy, and other equipment; electroplating processing beryllium, laundry sour.

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