

Hukill Chemical Corporation
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Technical Data Sheet

Ammonium Chloride Treated

CAS # 12125-02-9

TECHNICAL DATA

TYPICAL ANALYSIS

NH₄Cl Ammonium Chloride, %wt

Water, Wt%

Heavy Metals, PPM

Fe (Iron), PPM

SPECIFICATIONS

99.5% Minimum

0.25% Maximum

10PPM Maximum

5PPM Maximum

PHYSICAL PROPERTIES

#/Gallon

1.00

Flash Point

None

Appearance & Odor

Odorless white crystals

Physical State

Stability - Conditions to Avoid

Stable-High temperatures.

Incompatibility

Acids, alkali, and nitrites. Nitrites may react to form explosive products.

Hazardous Decomposition

Ammonia, nitrogen oxides, and hydrogen chloride.

Polymerization - Conditions to Avoid

Will not occur-None.

Unusual Fire & Explosion Hazards

Decomposes into ammonia and nitrogen oxides, which are poisonous, and hydrogen chloride gas, which is corrosive.

USES & APPLICATIONS

Dry batteries, mordant (dyeing and printing), soldering flux, manufacturing of various ammonia compounds, fertilizer, pickling agent in zinc coating and tinning, electroplating, washing powders, meltretarding snow treatment, production of urea-formaldehyde resins and adhesives, bakery products

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