

**Hukill Chemical Corporation**  
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Technical Data Sheet

**Ammonium Hydroxide CP**

CAS #1336-21-6

**TECHNICAL DATA**

**TYPICAL ANALYSIS**

Ammonium Hydrox (as NH<sub>3</sub>), wt%

Chlorides (Cl), PPM

Sulfates, PPM

Heavy Metals, PPM

Fe (Iron), PPM

**SPECIFICATIONS**

28% To 30%

0.5PPM Maximum

2PPM Maximum

0.5PPM Maximum

0.2PPM Maximum

**PHYSICAL PROPERTIES**

#/Gallon

7.48

Flash Point

N/A

Appearance & Odor

Clear, ammonia odor

Physical State

Liquid

Stability - Conditions to Avoid

Stable-Avoid heating. Ammonia gas evolves when heated.

Incompatibility

Strong mineral acids, hypochlorites, halogens, sodium hydroxide

Hazardous Decomposition

Ammonia gas, decomposition to nitrogen and hydrogen at 450C (842F)

Polymerization - Conditions to Avoid

Will not occur-None.

Unusual Fire & Explosion Hazards

Cool heated containers to prevent release of ammonia gas.

**USES & APPLICATIONS**

Textiles, manufacture rayon, rubber, fertilizers, refrigeration, condensation polymerization, photography, pharmaceuticals, ammonia soaps, lubricants, fireproofing wood, ink manufacture, explosives, ceramics, ammonium compounds, saponifying fats and oils, organic synthesis, detergents, food additives, household cleanser.

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