# Summary Technical Data Sheet

# Ammonium Chloride (Treated)

**Product Name: Ammonium Chloride (Treated)**
**CAS Number:** 12125-02-9
**Formula:** $NH_4Cl$
**Molecular weight:** 53.49 g/mol
**Grade:** Technical

## Typical Properties

- Appearance: white crystalline powder
- Odorless
- Melting Point: 328 °C
- Specific Gravity: 1.53 (Water=1)
- Solubility: 39.6% at 176 °F



## Product Specifications

| Properties | Specifications |
|---|---|
| Content (as $NH_4Cl$, dry basis) | ≥ 99.0 % |
| Moisture | ≤ 1.0 % |
| Burning residue | ≤ 0.4 % |
| Iron (as Fe) | ≤ 30 ppm |
| Heavy Metals (as Pb) | ≤ 10 ppm |
| Sulfate (as $SO_4^{2-}$) | ≤ 0.020% |
| pH value (200 g/l solution, 25℃) | 4.0 ~ 5.8 |

Ammonium chloride is a white crystalline chemical, which is a water-soluble salt. Ammonium chloride is used for zinc plating requiring electrolytic performance. It also has different applications in the textile and leather industry in dyeing, tanning, textile printing, and to luster cotton.

**Storage and Handling**: Store in a cool, dry and well-ventilated place, away from moisture.

Avoid handling or transporting together with acidic or alkaline substances.

**Packaging:** 55 lb / 25 kg bags

**Transport Regulations:** Not regulated as dangerous goods (for reference only).

*The above information, while not guaranteed, reflects our analysis and believed to be accurate. It is the end user's responsibility, prior to use of the above mentioned product to determine the suitability of the product. Aqua Bond shall not be, directly or indirectly responsible for damages of any nature whatsoever resulting from the use or reliance upon the above information.*

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