

Ammonium chloride, molecular biology grade**Identification**

NH₄Cl
M = 53,49 g/mol
CAS [12125-02-9]
EC number: 235-186-4
Taric code: 2827 10 00

Synonyms

Salt ammoniac

Applications

manufacture of dyes, in explosive compositions, analytical chemistry.

Specifications

assay (argentometric)..... min. 99,5 %	lead (Pb)..... max. 1 ppm
	DNases, RNases, Proteases non detected

Physical data

- Appearance: crystals, white or almost white
- Spec. Density: 1,52 g/cm³
- Bulk density: ~ 500 kg/m³
- Solub. in water: (20 °C): 372 g/l
- Melting point: 335 °C (decomposes)
- Ignition temperature: > 400 °C
- Vapour pressure: (30 °C) 1,3 hPa
- pH(50 g/l H₂O, 20 °C) 4,5 - 5,5

Safety - GHS

Signal Word: Warning

**Hazard Statements:**

H302: Harmful if swallowed.
H319: Causes serious eye irritation.

Precautionary Statements:

P280: Wear protective gloves / protective clothing / eye protection / face protection.
P264: Wash thoroughly after handling.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P337+P313: If eye irritation persists: Get medical advice / attention.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- 10°C - 30°C