

h1>Ammonium chloride pure 99%

[12125-02-9]



CAS number: **12125-02-9**

Summary formula: **NH₄Cl**

Molar mass: **53.49 g / mol**

Synonyms: **ammonium chloride**

Translation [ENG]: **ammonium chloride**

Application: **Ammonium chloride is mainly used as the electrolyte in Leclanché dry cells, i.e. the most commonly used galvanic cells today. It is also used as an expectorant, cattle feed additive, and shampoo ingredient. The phenomenon of thermal decomposition of ammonium chloride was used to clean soldering tips and to clean metal surfaces.**

Ammonium chloride is the oldest known ammonium salt. It was first obtained in ancient times. It is used in food products as a leavening and preservative E510.

VARIATIONS

Image

Price

Pack size



Image	Price	Pack size
$\text{Cl}^- \text{NH}_4^+$	£4,56 gross £3,71 netto	1 kg
$\text{Cl}^- \text{NH}_4^+$	£15,20 gross £12,36 netto	5 kg
$\text{Cl}^- \text{NH}_4^+$	£26,60 gross £21,63 netto	10 kg
$\text{Cl}^- \text{NH}_4^+$	£74,10 gross £60,24 netto	30 kg

Image

Price

Pack size



£144,40 gross | £117,40 netto

60 kg

PRODUCT DESCRIPTION

Ammonium chloride pure 99% [12125-02-9]

Pure ammonium chloride is mainly used as the electrolyte in Leclanché dry cells, i.e. the most commonly used galvanic cells today. It is also used as an expectorant, cattle feed additive, and shampoo ingredient. The phenomenon of thermal decomposition of ammonium chloride was used to clean soldering tips and to clean metal surfaces. Ammonium chloride is the oldest known ammonium salt. It was first received in ancient times. It is used in food products as an raising and preserving agent E510.

Content 99.0%

Water insoluble substances max. 0.02%

Roasting residue (SO₄) max. 0.05%

Sulphates (SO₄) max. 0.01%

Phosphates (PO₄) max. 0.002%

Magnesium (Mg) max. 0.0025%

Heavy metals (Pb) max. 0.002%

Organic substances according to the recipe

pH (5%, 20°C) 4.5 - 6

Hazard pictograms

Labels for hazardous chemicals and mixtures that are part of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the shape of a square set on the top. They should contain a black symbol on a white background with a red border.

Priority rules to be observed in connection with the labeling of a substance:

- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosivity, the pictogram exclamation mark should not be added if it concerns eye or skin irritation.

- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.

Source: [GHS pictograms](#)