

## GENERAL QUALITY DATA SHEET

### Ammonium Chloride [ExtraPure] [Food Grade] ChemElements™

<b>CAS No.</b>	12125-02-09
<b>EC No.</b>	235-186-4
<b>Tariff No.</b>	2827 10 00 00
<b>Material number:</b>	90122101*

**NH<sub>4</sub>Cl**

#### Typical properties

Molecular weight:	53,49
Melting point:	335°C (decomposition)
Solubility in water:	372 g/l (20°C)
Specific gravity:	1,53 g/cm <sup>3</sup> (25°C)
Appearance:	White fine crystalline powder
Odour:	Odourless.

#### Quality: [FCC, FAO/WHO]

1. Identification:	Passes test	FCC, FAO/WHO
2. Assay (NH <sub>4</sub> Cl, on the dried basis):	≥99,0%	FCC, FAO/WHO
3. Loss on drying (over silica gel, 4 h):	≤0,5%	FCC, FAO/WHO
4. Sulfated ash:	≤0,5%	FAO/WHO
5. Lead (Pb):	≤2 ppm	FCC, FAO/WHO

#### Standard packing

- \*25 kg three-layer paper brown craft bag with polyethylene inliner (50 µm);
- \*25 kg polypropylene bag (60 g/m<sup>2</sup>) with polyethylene inliner (50 µm).

#### Available on request

\*Other customer-specific packing, quality parameters

#### Shelf life

3 years

#### Storage recommendation

Store in covered, dry warehouses in original tightly closed packaging.

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### Application

- Flour Processing Agent
- Acidity regulator
- Yeast nutrition

### Certification

FSSC 22000:2013, ISO 9001:2015,  
Kosher, Halal MUI

### Hazards Identification

#### Pictogram:



#### Signal Word:

#### Hazard Statements:

#### Precautionary statements:

WARNING

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### Transport Information

**UN number:** Not dangerous goods

**UN proper shipping name:** Not dangerous goods

**Transport hazard class(es)**

**Land transport (ADR/RID):** Not classified as dangerous in the meaning of transport regulations

**Air transport (IATA):** Not classified as dangerous in the meaning of transport regulations

**Sea transport (IMDG):** Not classified as dangerous in the meaning of transport regulations

**Packaging group:** Not dangerous goods

### Production

CHEMICAL ELEMENTS UKRAINE, LLC  
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## GENERAL QUALITY DATA SHEET

### Sales

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This data sheet is for information purposes only and is based on observations of our standard product. It does not release the user from any obligation to test the material and determine suitability for each application.