

Product Name**Ammonium Chloride****Grade: Laboratory****Synonyms**

Sal ammoniac, Salmiac, Salt armoniack

CAS Number

12125-02-9

General Information

Chemical formula:	NH ₄ Cl	Molar Mass:	53.49 g/mol
Appearance:	White powder	Density:	1.52 g/cm ³ (20 °C)
Solub. in water:	372 g/l (20 °C)	Melting point:	335 °C (sublimed)
Ignition temp.:	> 400 °C	Flash point:	N/A
Storage temp.:	Below +30 °C	Cautions:	Harmful, irritant
R:	22-36	S:	22
HS-No.:	2827 10 00	EC-Index-No.:	017-014-00-8

**Hazard Symbol****Specification**

Assay	≥	99.5	%
Solubility		Conforms	
Identification (Ammonium)		Conforms	
Identification (Chloride)		Conforms	
pH (5% Water)		4.6 - 6.0	
Heavy metals	≤	10	ppm
Residue on ignition	≤	0.1	%
Limit of thiocyanat		Conforms	
Loss on drying (4h silica gel)	≤	0.5	%

Ordering Information

Volume:	1 L	2.5 L	5 L	10 L	20 L
Plastic	413.05.01000.02	–	413.05.05000.02	413.05.10000.02	–
Glass	–	–	–	–	–