

# Technical Data Sheet



## AMT101145 Ammonium chloride for analysis

### General product Information:

Synonyms	Sal ammoniac
Overview	
CAS number	12125-02-9
EC number	017-014-00-8
Hill Formula	NH <sub>4</sub> Cl
Chemical formula	NH <sub>4</sub> Cl
Molar Mass	53.49 g/mol
HS Code	2827 10 00

Structure formula  
Image

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

### Chemical/Physical Data:

Density	1.52 g/cm <sup>3</sup> (20 °C)
Ignition temperature	>400 °C
Melting Point	335 °C (sublimed)
pH value	4.5 - 5.5 (50 g/l, H <sub>2</sub> O, 20 °C)
Vapor pressure	1.3 hPa (30 °C)
Bulk density	500 kg/m <sup>3</sup>
Solubility	372 g/l (20 °C)

### Toxicological Data:

LD 50 oral	LD50 Rat 1440 mg/kg
LD 50 dermal	

### Packaging Information:

Order Number	Package	Packaging
AMT101145.1000	1 KG	Plastic Bottle