

# Product Data Sheet

**(4N) 99.99% Aluminum Chloride Hydrate**

**Product Code: AL-CL-04-P.XHYD**

**Formula:**  $\text{AlCl}_3 \cdot x\text{H}_2\text{O}$

**CAS No.:** 10124-27-3

**EC No.:** 231-208-1

**MDL:** MFCD00149135

## Chemical Identifiers

<b>Linear Formula</b>	$\text{AlCl}_3 \cdot x\text{H}_2\text{O}$
<b>MDL Number</b>	MFCD00149135
<b>EC No.</b>	231-208-1
<b>Beilstein Registry No.</b>	N/A
<b>Pubchem CID</b>	16211594
<b>IUPAC Name</b>	trichloroalumane; hydrate
<b>SMILES</b>	<chem>O.[Al](Cl)(Cl)Cl</chem>
<b>Inchl Identifier</b>	InChI=1S/Al.3ClH.H2O/h;3*1H;1H2/q+3;;;/p-3
<b>Inchl Key</b>	CAYKLJBSARHIDI-UHFFFAOYSA-K

**Total Metal Impurities:** 0.01% max.

## Packaging Specifications

Typical bulk packaging includes palletized plastic 5 gallon/25 kg. pails, fiber and steel drums to 1 ton super sacks in full container (FCL) or truck load (T/L) quantities. Research and sample quantities and hygroscopic, oxidizing or other air sensitive materials may be packaged under argon or vacuum. Shipping documentation includes a Certificate of Analysis and Safety Data Sheet (SDS). Solutions are packaged in polypropylene, plastic or glass jars up to palletized 440 gallon liquid totes, and 36,000 lb. tanker trucks.



**Documentation**

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.