

Product Data Sheet

(5N) 99.999% Aluminum Chloride Hydrate

Product Code: AL-CL-05-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

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

Total Metal Impurities: 0.001% 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.