

Product Data Sheet

(2N) 99% Aluminum Sodium Sulfate Dodecahydrate

Product Code: AL-NAS-02-C.12HYD

Formula: $\text{AlNa}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$

CAS No.: 7784-28-3

EC No.: 233-277-3

MDL: N/A

Chemical Identifiers

Linear Formula	$\text{AlNa}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$
MDL Number	N/A
EC No.	233-277-3
Beilstein Registry No.	N/A
Pubchem CID	24568
IUPAC Name	aluminum; sodium; disulfate; dodecahydrate
SMILES	<chem>[Al+3].[Na+].[O-]S(=O)(=O)[O-].[O-]S([O-])(=O)=O.O.O.O.O.O.O.O.O.O.O.O.O</chem>
Inchl Identifier	InChI=1S/Al.Na.2H2O4S.12H2O/c;;2*1-5(2,3)4;;;;;;;;;;;;;/h;;2*(H2,1,2,3,4);12*1H2/q+3;+1;;;;;;;;;;;;;;/p-4
Inchl Key	ZEMWIYASLJTEHQ-UHFFFAOYSA-J

Total Metal Impurities: 1.0% 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.