

# Product Data Sheet

**(4N) 99.99% Gallium(III) Nitrate Hydrate**

**Product Code: GA-NAT-04-C.XHYD**

**Formula:**  $\text{Ga}(\text{NO}_3)_3 \cdot x\text{H}_2\text{O}$

**CAS No.:** 69365-72-6

**EC No.:** 236-815-5

**MDL:** MFCD00149723

## Chemical Identifiers

<b>Linear Formula</b>	$\text{Ga}(\text{NO}_3)_3 \cdot x\text{H}_2\text{O}$
<b>MDL Number</b>	MFCD00149723
<b>EC No.</b>	236-815-5
<b>Beilstein Registry No.</b>	N/A
<b>Pubchem CID</b>	11550823
<b>IUPAC Name</b>	gallium; trinitrate; hydrate
<b>SMILES</b>	<chem>[N+](=O)([O-])[O-].[N+](=O)([O-])[O-].[N+](=O)([O-])[O-].O.[Ga+3]</chem>
<b>Inchl Identifier</b>	InChI=1S/Ga.3NO3.H2O/c;3*2-1(3)4;/h;;;;1H2/q+3;3*-1;
<b>Inchl Key</b>	YVFORYDECCQDAW-UHFFFAOYSA-N

**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.