

Product Data Sheet

(3N) 99.9% Copper(II) Nitrate Trihydrate

Product Code: CU2-NAT-03-P.3HYD

Formula: $\text{Cu}(\text{NO}_3)_2 \cdot 3\text{H}_2\text{O}$

CAS No.: 10031-43-3

EC No.: 221-838-5

MDL: MFCD00149671

Chemical Identifiers

Linear Formula	$\text{Cu}(\text{NO}_3)_2 \cdot 3\text{H}_2\text{O}$
MDL Number	MFCD00149671
EC No.	221-838-5
Beilstein Registry No.	N/A
Pubchem CID	9837674
IUPAC Name	copper; dinitrate; trihydrate
SMILES	<chem>[N+](=O)([O-])[O-].[N+](=O)([O-])[O-].O.O.O.[Cu+2]</chem>
Inchl Identifier	InChI=1S/Cu.2NO3.3H2O/c;2*2-1(3)4;;;/h;;;3*1H2/q+2;2*-1;;;
Inchl Key	SXTLQDJHRPXDSB-UHFFFAOYSA-N

Total Metal Impurities: 0.1% 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.