

Product Data Sheet

Copper(II) Sulfate Solution

Product Code: CU-SAT-01-SOL.5HYD

Formula: $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$

CAS No.: 7758-99-8

EC No.: 231-847-6

MDL: MFCD00149681

Chemical Identifiers

Linear Formula	$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$
MDL Number	MFCD00149681
EC No.	231-847-6
Beilstein Registry No.	N/A
Pubchem CID	24463
IUPAC Name	copper sulfate pentahydrate
SMILES	[Cu+2].[O-]S([O-])(=O)=O.O
Inchl Identifier	InChI=1S/Cu.H2O4S.5H2O/c;1-5(2,3)4;;;;;h;(H2,1,2,3,4);5*1H2/q+2;;;;;;/p-2
Inchl Key	JZCCFEFSEZPSOG-UHFFFAOYSA-L

Total Metal Impurities: Variable or N/A

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.