

# Product Data Sheet

## (2N) 99% Potassium Sulfate Solution

Product Code: K-SAT-02-SOL

Formula:  $K_2SO_4$

CAS No.: 7778-80-5

EC No.: 231-915-5

MDL: MFCD00011388

### Chemical Identifiers

Linear Formula	$K_2SO_4$
MDL Number	MFCD00011388
EC No.	231-915-5
Beilstein Registry No.	N/A
Pubchem CID	24507
IUPAC Name	Dipotassium sulfate
SMILES	<chem>[K+].[K+].[O-]S([O-])(=O)=O</chem>
InChI Identifier	InChI=1S/2K.H2O4S/c;;1-5(2,3)4/h;;(H2,1,2,3,4)/q2*+1;/p-2
InChI Key	OTYBMLCTZGSZBG-UHFFFAOYSA-L

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.