

Product Data Sheet

(3N5) 99.95% Molybdenum Sulfide

Product Code: MO-S-035

Formula: MoS₂

CAS No.: 1317-33-5

EC No.: 215-263-9

MDL: MFCD00003470

Chemical Identifiers

Linear Formula	MoS ₂
MDL Number	MFCD00003470
EC No.	215-263-9
Beilstein Registry No.	N/A
Pubchem CID	14823
IUPAC Name	bis(sulfanylidene)molybdenum
SMILES	[Mo].S
InChI Identifier	InChI=1S/Mo. H2S/h;1H2
InChI Key	QYSJWHFJGCFRDE-UHFFFAOYSA-N

Total Metal Impurities: 0.05% 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.