

Product Data Sheet

(3N) 99.9% Tungsten Disulfide Micropowder

Product Code: W-S-03-MP

Formula: WS₂

CAS No.: 12138-09-9

EC No.: 235-243-3

MDL: MFCD00011467

Chemical Identifiers

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|------------------------|-----------------------------|
| Linear Formula | WS ₂ |
| MDL Number | MFCD00011467 |
| EC No. | 235-243-3 |
| Beilstein Registry No. | N/A |
| Pubchem CID | 82938 |
| IUPAC Name | bis(sulfanylidene)tungsten |
| SMILES | S=[W]=S |
| InChI Identifier | InChI=1S/2S.W |
| InChI Key | ITRNXVSDJBHYNJ-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.

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Documentation

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.