

Product Data Sheet

Lead Sulfide (PbS) Quantum Dot - 1100 nm

Product Code: PB-S-01-QD-1100E

Formula: PbS

CAS No.: 1314-87-0

EC No.: 215-246-6

MDL: MFCD00016280

Chemical Identifiers

Linear Formula	PbS
MDL Number	MFCD00016280
EC No.	215-246-6
Beilstein Registry No.	N/A
Pubchem CID	24863151
IUPAC Name	sulfanylidenelead
SMILES	[Pb]=S
InChI Identifier	InChI=1S/Pb.S
InChI Key	XCAUINMIESBTBL-UHFFFAOYSA-N

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.