Product Data Sheet

(2N) 99% Fullerene C-60
Product Code: C-FUL-02-BBL

Formula: C_{60}
CAS No.: 99685-96-8
EC No.: 231-153-3
MDL: MFCD00151408

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>MDL Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>C_{60}</td>
<td>MFCD00151408</td>
</tr>
</tbody>
</table>

EC No.: 231-153-3
Beilstein Registry No.: 5901022
Pubchem CID: 123591
IUPAC Name: \((C\{60\}-I\{h\})[5,6]\) fullerene
SMILES: C12=C3C4=C5C6=C1C7=C8C9=C1C10=C11C12=C13C14=C15C16=C17C18=C19C20=C21C22=C23C24=C25C26=C27C28=C29C30=C31C32=C33C34=C35C36=C37C38=C39C40=C41C42=C43C44=C45C46=C47C48=C49C50=C51C52=C53C54=C55C56=C57C58=C59C60=C1

InChI: InChI=1S/C60/c1-2-5-6-3(1)8-12-10-4(1)9-11-7(3)17-21-13(5)20-18(8)29-12(30)34-16(16)15(15)19(10)28-16(18)15(15)19(10)28-44-34(31)32(29)30-40-36(38)48-40(39)37(35)36(38)40-46(47)45(43)-32(30)-38(39)-48(40)-46(47)45(43)42(44)-34(31)-30(32)-36(38)-40(39)-46(47)-45(43)

InChI Key: XMWRBQBLMFGWIX-UHFFFAOYSA-N

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.