Product Data Sheet

(4N) 99.99% Mercury Cadmium Telluride Granule
Product Code: HG-CDTE-04-GR

Formula: $\text{Cd}_x\text{Hg}_{1-x}\text{Te}$
CAS No.: 29870-72-2
EC No.: 249-914-3
MDL: N/A

### Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>$\text{Cd}<em>x\text{Hg}</em>{1-x}\text{Te}$</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>N/A</td>
</tr>
<tr>
<td>EC No.</td>
<td>249-914-3</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>94407</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>cadmium; tellanylidenemercury</td>
</tr>
<tr>
<td>SMILES</td>
<td>$[\text{Cd}].[\text{Te}]=[\text{Hg}]$</td>
</tr>
<tr>
<td>InChI Identifier</td>
<td>InChI=1S/Cd.Hg.Te</td>
</tr>
<tr>
<td>InChI Key</td>
<td>MCMSPRNYOJJPIZ-UHFFFAOYSA-N</td>
</tr>
</tbody>
</table>

Total Metal Impurities: 0.01% 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.