Product Data Sheet

(2N) 99% Cerium Oxide, Samarium-doped Nanopowder

Product Code: CEO-SMO-02-NP

**Formula:** CeO$_2$ / Sm Ce$_{0.8}$Sm$_{0.2}$O$_{2-x}$
**CAS No.:** N/A
**EC No.:** N/A
**MDL:** N/A

### Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>CeO$<em>2$ / Sm Ce$</em>{0.8}$Sm$<em>{0.2}$O$</em>{2-x}$</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>N/A</td>
</tr>
<tr>
<td>EC No.</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**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.