Product Data Sheet

(3N5) 99.95% Cerium Molybdenum Oxide

Product Code: CE-MOX-035

**Formula:** $\text{Ce}_2(\text{MoO}_4)_3$

**CAS No.:** 13454-70-1

**EC No.:** N/A

**MDL:** MFCD00798520

### Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>MDL Number</th>
<th>EC No.</th>
<th>Pubchem CID</th>
<th>IUPAC Name</th>
<th>SMILES</th>
</tr>
</thead>
<tbody>
<tr>
<td>$\text{Ce}_2(\text{MoO}_4)_3$</td>
<td>MFCD00798520</td>
<td>N/A</td>
<td>21908896</td>
<td>cerium(3+); dioxido(dioxo)molybdenum</td>
<td>$[\text{O-}][\text{Mo}(=\text{O})(=\text{O})][\text{O-}].[\text{O-}][\text{Mo}(=\text{O})(=\text{O})][\text{O-}].[\text{O-}][\text{Mo}(=\text{O})(=\text{O})][\text{O-}].[\text{Ce}+3].[\text{Ce}+3]$</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>InChI=1S/2Ce.3Mo.12O/q2*+3;;;;;;;;;;6*-1</td>
<td>InChI Key: OEVVRXVLVQWRBF-UHFFFAOYSA-N</td>
</tr>
</tbody>
</table>

**InChI Key:** OEVVRXVLVQWRBF-UHFFFAOYSA-N

**Total Metal Impurities:** 0.05% 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.