Product Data Sheet

98% (3,3-Dimethyl-1-butyne)dicobalt Hexacarbonyl
Product Code: CO-OMX-018-LIQ

**Formula:** $\text{Co}_2(\text{CO})_6[\text{HC}=\text{C} \text{(CH}_3)_3]$

**CAS No.:** 56792-69-9

**EC No.:** N/A

**MDL:** MFCD08459351

### 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>$\text{Co}_2(\text{CO})_6[\text{HC}=\text{C} \text{(CH}_3)_3]$</td>
<td>MFCD08459351</td>
<td>N/A</td>
<td>90473603</td>
<td>carbon monoxide; cobalt; 3,3-dimethylbut-1-yne</td>
<td>CC(C)(C)#C.[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[Co].[Co]</td>
</tr>
</tbody>
</table>

**InChI Identifier**

InChI=1S/C6H10.6CO.2Co/c1-5-6(2,3)4;6*1-2;;;/h1H,2-4H3;;;;;;

**InChI Key**

ZJCVAZZKJPVOPY-UHFFFAOYSA-N

**Total Metal Impurities:** 2.0% 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.