

Product Data Sheet

>98% Tetracobalt Dodecacarbonyl

Product Code: CO-CBL12-018-C

Formula: Co₄(CO)₁₂
CAS No.: 17786-31-1
EC No.: 241-763-1
MDL: MFCD00064698

Chemical Identifiers

Linear Formula	Co ₄ (CO) ₁₂
MDL Number	MFCD00064698
EC No.	241-763-1
Pubchem CID	6096999
IUPAC Name	carbon monoxide; cobalt
SMILES	[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[C-]#[O+].[Co].[Co].[Co].[Co]
Inchi Identifier	InChI=1S/12CO.4Co/c12*1-2;;;
Inchi Key	InChI=1S/12CO.4Co/c12*1-2;;;

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.