

Identification

Cu
M = 63,55 g/mol
CAS [7440-50-8]
EC number: 231-159-6
Taric code: 7406 10 00

Applications

analytical chemistry, electrical conductor, catalyst (synthesis of organic products), metal alloys.

Specifications

assay (iodometric).....	min. 99,7 %	lead (Pb).....	max. 0,05 %
insoluble in HNO ₃	max. 0,05 %	manganese (Mn).....	max. 0,001 %
antimony (Sb).....	max. 0,001 %	nickel (Ni).....	max. 0,005 %
arsenic (As).....	max. 5 ppm	silver (Ag).....	max. 0,002 %
iron (Fe).....	max. 0,005 %	tin (Sn).....	max. 0,01 %

Physical data

- Appearance: powder, reddish-brown
- Bulk density: 1290 kg/m³
- Solub. in water: (20 °C): insoluble
- Melting point: 1083 °C
- Boiling point: 2595 °C

Safety - GHS

Signal Word: Warning

Hazard Statements:

H411: Toxic to aquatic life with long lasting effects.



Precautionary Statements:

P273: Avoid release to the environment.

P391: Collect spillage.

P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 9 M7 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Copper)
- IMDG: 9 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Copper)
- IATA/ICAO: 9 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Copper)
- PAX: 956
- CAO: 956