

Technical Data Sheet



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Copper oxide

Product Identification

Product name : Copper oxide
Chemical Formula : CuO
CAS No. : 1317-38-0

Physical and Chemical Properties

Property	Value / Description
Purity	98.5% min
Physical State	Crystals or powder
Color	Black
Density	6.31 – 6.32 g/cm ³
Melting Point	1326 °C
Solubility in Water	Insoluble
Electrical Properties	Semiconductor
Stability	Stable under normal conditions
Reactivity	Non-reactive under normal conditions, strong oxidizer

Applications

Pigments, semiconductor manufacturing, ceramics, batteries, welding, electroplating, catalyst, wood preservatives, glass, textiles, petroleum refining, propellants, agricultural chemicals, oxidizing agent, etching agent, enameling, painting, metal extraction, other chemical intermediates

Packing

25kg net in sealed containers

Shipping Regulations

UN No.3077

Safety Information

Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.