



Product Specification

cdhfinechemical.com

COPPER (METAL) POWDER 325 MESH ELECTROLYTIC

PRODUCT CODE	027810
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7440-50-8)
ATOMIC OR MOLECULAR FORMULA	Cu
ATOMIC OR MOLECULAR WEIGHT	63.55
PROPERTIES	Ductile, excellent conductor of electricity, complexing agent. dissolves readily in nitric and hot concentrate sulphuric acids slowly.
PARAMETER	LIMIT
Description	Bright reddish powder.
Solubility	Readily soluble in dilute HNO ₃ .
Minimum Assay(Iodometric)	99.5%
Particle size (Passes through 325 mesh)	Min. 95.0%
MAXIMUM LIMIT OF IMPURITIES	
Sub.insoluble in nitric acid	0.05%
Antimony (Sb)	0.005%
Arsenic (As)	0.0002%
Lead (Pb)	0.05%
Iron (Fe)	0.01%
Manganese (Mn)	0.005%
Silver (Ag)	0.005%
Tin (Sn)	0.005%
Note(s): Assay (if applicable) method mentioned.	
HAZARD STATEMENTS: Highly flammable liquid and vapour. May be harmful if swallowed. Toxic to aquatic life with long lasting effects.	IMDG Code :- 4.1 / II UN No. :- 3089 IATA :- 4.1
PRECAUTIONARY STATEMENTS :	
Prevention: Take precautionary measures against static discharge. Use explosion-proof electrical ventilating/lighting/equipment. Ground/bond container and receiving equipment. Use only non-sparking tools. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Wear protective gloves and eye/face protection.	
Response: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. In case of fire, use foam for extinction. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. If skin irritation occurs, seek medical advice/ attention. If eye irritation persists, get medical advice/ attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, If present and easy to do. Continue rinsing.	
Disposal: - Dispose of contents and container in accordance with relevant legislation.	



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Hazard Pictogram(s) :-----



GHS02



GHS09

Replace Date-24-Jun.2020