

ISO 9001:2008 Co.



# Rehsiff Scientific®

Manufacture & Importer of  
Laboratory Fine Chemicals, Diagnostic Kit & Lab wares

## COPPER (METAL) POWDER 325 MESH ELECTROLYTIC

<b>PRODUCT CODE</b>	<b>R05864</b>	
<b>SYNONYMS</b>	--	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	<b>(7440-50-8)</b>	
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>Cu</b>	
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>63.55</b>	<b>Cu</b>
<b>PROPERTIES</b>	<b>Ductile, excellent conductor of electricity, complexing agent. dissolves readily in nitric and hot concentrate sulphuric acids slowly.</b>	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	Bright reddish powder.	
Solubility	Readily soluble in dilute HNO <sub>3</sub> .	
Minimum Assay( Iodometric)	99.5%	
Particle size (Passes through 325 mesh)	Min. 95.0%	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
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%	
<b>Note(s): Assay (if applicable) method mentioned.</b>		
<b>DANGER :</b> <b>HAZARD STATEMENTS:</b> Highly flammable liquid and vapour. May be harmful if swallowed. Toxic to aquatic life with long lasting effects. <b>PRECAUTIONARY STATEMENTS :</b> <b>Prevention:</b> 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. <b>Response:</b> 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.	IMDG Code :- 4.1 / II UN No. :- 3089 IATA :- 4.1	
<b>Disposal:</b> - Dispose of contents and container in accordance with relevant legislation.		

: Regd Office, 201,MM Nagar, Ahmedabad (Gujarat)

Email: [rehsiffscientific@gmail.com](mailto:rehsiffscientific@gmail.com), [www.rehsiffscientific.com](http://www.rehsiffscientific.com)



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Hazard Pictogram(s) :-----



replace Date 1 April 2023

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