

COPPER (METAL) POWDER FINE AR

PRODUCT CODE	496595
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.

Cu



PARAMETER	LIMIT
Description	Bright reddish powder.
Solubility	Readily soluble in dil. HNO ₃ .
Minimum Assay (Iodometric)	99.7%
Mesh size (passing through 325 mesh)	Min. 95.0%

MAXIMUM LIMIT OF IMPURITIES	
Substances insoluble in HNO ₃	0.02%
Antimony (Sb)	0.005%
Arsenic (As)	0.0001%
Iron (Fe)	0.005%
Lead (Pb)	0.01%
Manganese (Mn)	0.001%
Silver (Ag)	0.002%
Tin (Sn)	0.005%

Note(s) : Assay (if applicable) method mentioned.

<p>WARNING</p> <p>Hazard statements: Highly flammable liquid and vapour. May be harmful if swallowed. Causes mild skin irritation. Causes eye irritation. Toxic to aquatic life with long lasting effects.</p> <p>Precautionary statements:</p> <p>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. Wash hands thoroughly after handling.</p> <p>Response: If skin irritation occurs, seek medical advice/ attention. If eye irritation persists, get medical advice/attention. 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 IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>	<p>IMDG Code : 4.1 / II</p> <p>UN No. : 3089</p> <p>IATA : 4.1</p>
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Disposal: Dispose of contents and container in accordance with relevant legislation.

<p>Hazard Pictogram(s) :</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p style="display: flex; justify-content: space-around; align-items: center;"> GHS02 GHS09 </p>
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Replace Date-25-Jun.2020