



SDFCL
s d fine-CHEM limited
Quality Control Dept.



Product Specification

E Control	QC2\DATA\ID\PS\37811XPS.xls
PRODUCT CODE	37811
PRODUCT NAME	COPPER (METAL) ELECTROLYTIC POWDER
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 sulfuric acids slowly.

Cu

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.

WARNING

Hazard statements: Causes mild skin irritation. Causes eye irritation. Harmful to aquatic life

Precautionary statements

Prevention: Wash hands thoroughly after handling.

Response: 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

Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) : --

Prepared By : Name/Dept. : Officer (Q.A.) Sign. : Date : 01.04.2010	Checked By: Name/Dept.:Incharge(Q.A.) Sign. : Date : 01.04.2010	Approved By: Name/Dept. : Incharge (Tech.) Sign. : Date : 02.04.2010	Issue Date : 01.07.2002 Revision No.: 03 Revision dt. : 02.04.2010 AMEND NO. : 1554
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