



SDFCL
s d fine-CHEM limited

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\ID\PS\20090XPS.xls
PRODUCT CODE	20090
PRODUCT NAME	CUPRIC OXIDE POWDER AR
SYNONYMS	[Copper (II) oxide powder]
C.I. NO.	--
CASR NO.	(1317-38-0)
ATOMIC OR MOLECULAR FORMULA	CuO
ATOMIC OR MOLECULAR WEIGHT	79.55
PROPERTIES	Soluble in acids, difficultly soluble in water.

CuO

PARAMETER	LIMIT
Description	A fine black powder.
Solubility	Dissolve 2 gm by warming on a steam bath with mix of 5 ml HCl and 5 ml water the solution should be clear.
Minimum Assay (Iodometric)	99.0%
MAXIMUM LIMIT OF IMPURITIES	
HCl insoluble matter	0.02%
Carbon compound (C)	0.05%
Chloride (Cl)	0.005%
Sulphate (SO ₄)	0.01%
Calcium (Ca)	0.01%
Iron (Fe)	0.05%
Lead (Pb)	0.05%
Total Nitrogen compound (N)	0.002%
Potassium (K)	0.02%
Sodium (Na)	0.05%
Substances not ppted by H ₂ S (as SO ₄)	0.2%

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

WARNING

Hazard statements: Causes mild skin irritation. Causes eye irritation. May cause allergic skin reaction. May cause damage to organs through prolonged or repeated exposure by inhalation.

Precautionary statements

Prevention: Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/vapours/ spray. Contaminated clothing should not be allowed out of the workplace. Wash hands thoroughly after handling.

Response: If skin irritation occurs, seek medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. If skin irritation or rash occurs, seek medical advice/attention. Get medical advice/attention if you feel unwell. IF ON SKIN: Gently wash with plenty of soap and water. Specific treatment: refer to Label or MSDS. Wash contaminated clothing before reuse.

IMDG Code : --

UN No. : --

IATA : --

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

Hazard Pictogram(s) :



Skin irritation



Aspiration hazard

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 01
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