



Product Specification

cdhfinechemical.com

COPPER (II) OXIDE POWDER AR/ACS SUITABLE FOR ELEMENTARY ANALYSIS

PRODUCT CODE	496710	
SYNONYMS	[Cupric oxide powder AR/ACS]	
C.I. NO.	--	
CASR NO.	(1317-38-0)	
ATOMIC OR MOLECULAR FORMULA	CuO	CuO
ATOMIC OR MOLECULAR WEIGHT	79.55	
PROPERTIES	Soluble in acids, difficultly soluble in water.	

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 byH ₂ S (as SO ₄)	0.2%

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

WARNING	IMDG Code : 9/III
Hazard statements: Causes mild skin irritation. Causes eye irritation. Toxic to aquatic life with long lasting effects.	UN No. : 3077
Precautionary statements:	IATA : 9
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.	
Disposal: Dispose of contents and container in accordance with relevant legislation.	

Hazard Pictogram(s) :



GHS09