



**esaar**  
International Pvt. Ltd.

Leading Supplier of Paint & Coating Raw Material

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## Cuprous Oxide

### Description:

NORDOX CUPROUS OXIDE, PAINT GRADE, RED, MICRO is a red powder, technical grade cuprous oxide, stabilized and free from extraneous impurities. Meets ASTM Designation D912- 81, US Military Specification MIL-P-15169 A, British Admiralty Specification 1150 and French Navy Fascicule G611-Titre 13.

### Main Use of NORDOX CUPROUS OXIDE:

Active ingredient in ANTIFOULING MARINE PAINTS.



### CHEMICAL PROPERTIES

Property	
Cu <sub>2</sub> O content	min. 97 %
Total Cu	min. 86 %
Reducing power	min. 97 %
Metallic Cu	Traces
Cupric Cu	max. 1 %
Metals other than Cu	max. 0.5 %
Chlorides and sulphates	max. 0.5 %
Acetone soluble matter	max. 0.5 %
Nitric acid insoluble	max. 0.5 %
Stability (decrease in RP)	max. 1.0 %

### Packing Details

- 25 kg Bag  
**Storage**

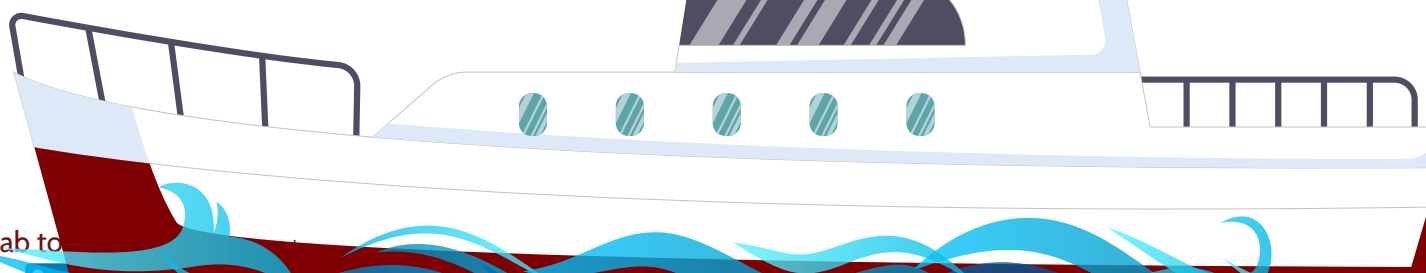
Keep the product in a tightly closed container, Isolate from any source of heat or ignition and moisture.

### PHYSICAL PROPERTIES

article size of Cu <sub>2</sub> O	95% finer than 5 microns (Br. Standard 3406)
	20% finer than 2 microns (Br. Standard 3406)
Wet sieve test	max. 0.01 % on 325 mesh (44 microns), (ASTM:D185)
Oil absorption	11 (ASTM:D185)
Moisture	max. 0.1% loss at 105°C
Dispersibility	25 microns (Nordox analysis 36 – available on request)
Bulk Density	1.7 kg/l (Br. Standard 2955)
Packing Density	2.7 kg/l (Br. Standard 2955)
Specific Weight	5.8 kg/l (ASTM 32, Part II)

### Biological Properties

Antifouling : Cu<sub>2</sub>O is the most versatile toxin against fouling organisms. Mammalian toxicity : Non-hazardous.



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