



SPECIFICATION

NORDOX CUPROUS OXIDE, PAINT GRADE, RED, MICRO-MILLED

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 Active ingredient in antifouling paints.

CHEMICAL PROPERTIES (ASTM: D283-84 (94))

Cu ₂ O content	: min. 97 %
Total Cu	: min. 86 %
Reducing power (RP)	: 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 %

PHYSICAL PROPERTIES

Particle size of Cu ₂ 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:D281)
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 ₂ O is the most versatile toxin against fouling organisms.
Mammalian toxicity	: Non-hazardous.

PACKAGES 25 kg net multiply paper-PE bags. 100 kg net metal drums. 500-1000 kg Big Bags

Oslo, 150912

NORDOX AS

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