

Nano **COPPER** Dispersion

Ready to Use

Copper Dispersion has other unique magnetic and super hydrophobic properties. These nanostructures show very promising applications in heterogeneous catalysis in the complete conversion of hydrocarbons into carbon dioxide,



enhancement of thermal conductivity of nanofluids, nanoenergetic materials, and super-hydrophobic surfaces or anode materials for lithium ion batteries. Copper nanoparticles dispersions have unique optical and semiconductor properties allowing the application of copper oxide nanoparticles in many industrial applications.

Copper dispersions have unique optical and semiconductor properties allowing the application of copper oxide nanoparticles in many industrial applications. Controlling the size and morphology of the nanoparticles enables tunability of these properties. The major methods of synthesizing copper oxide nanoparticles dispersions involve one phase in either a batch or continuous flow reactor.

Quick Facts

Product	:	Copper Nano Dispersion
Color	:	Brown to grey
Concentration	:	1000ppm
Shelf Life	:	3 months
Storage	:	At room temperature
Form	:	Liquid

Salient Features

- ✓ Eco-friendly
- ✓ Antibiotic properties
- ✓ Antibacterial properties
- ✓ Odorless liquid
- ✓ Biodegradable
- ✓ Non carcinogenic
- ✓ Cause no irritation
- ✓ Remains active and stable
- ✓ Long lasting effect
- ✓ Anti-inflammatory
- ✓ Strong antimicrobial activity against various microorganisms
- ✓ Cost-effective solution



Packing Sizes: 1 Liter 5 Liter 25 Liter & Bulk Orders

Intended use

Dilution Ratio for pH-7	:	1:10 (in Water)
Dilution Ratio for 20ppm	:	1:50 (in Water)
Dilution Ratio	:	20ppm (in Water)
Dispersing Agent	:	Water (ddH2O)
For Aerial fumigation	:	1:4 (20ml Copper dispersion + 80ml Water)
For surface (spray)	:	1:20 (05ml Copper dispersion + 100ml Water)

Dillution

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