

Nano **SILVER** Dispersion

Silver Nanoparticle Dispersions are suspensions of silver nanoparticles in water or organic solvents such as isopropanol or ethanol. Silver Nanodispersions has germicidal properties and has shown negligible toxicity even at high concentrations.



Silver nanoparticles are ideal for spectral interrogation of various biological interactions and for use as tags to indicate location and environment of a target of interest. Silver nanodispersions are playing an important role to fight against Bacteria and Viruses.

Antibacterial effects are shown by silver therefore widely used in hand sanitizers, Sprays, Wet wipes to prevent contact and Infection of healthcare workers (HCWs) through clothing in hospitals, medical care centers etc. Silver nanoparticles dispersion can also be used on coatings of masks to protect from antibacterial, antiviral and anti-fungal effects are shown by silver therefore widely used in fertilizers, medicines etc.

Quick Facts

Product	:	Silver Nano Dispersion (antibacterial, antiviral & anti-fungal)
Color	:	Brown to grey
Concentration	:	1000ppm
Shelf Life	:	3 months
Effectiveness	:	12 -15 hours
Storage	:	At room temperature
Form	:	Liquid

Salient Features

- ✓ Eco-friendly
- ✓ Antibacterial properties
- ✓ Odorless liquid
- ✓ Non pollutant and biodegradable
- ✓ Non carcinogenic
- ✓ Cause no irritation or any infection to the skin or eyes
- ✓ Remains active and stable for longer period
- ✓ 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)
For Aerial fumigation	:	1:5 (20ml Silver dispersion + 80ml Water)
For surface (spray)	:	1:20 (05ml Silver dispersion + 95ml Water)

Dilution



INTELLIGENT MATERIALS PVT LTD

Derabassi
Punjab (140507)
INDIA

+91 9779 550077, 9779238252

NANOSHEL UK LIMITED

Chapel House,
Chapel St Cheshire,
CW12 4AB United Kingdom

+44 (0) 74 105 488, +44 203 137 5187

NANOSHEL LLC

3422 Old Capitol Suit
1305 Wilmington DE - 19808
United States

+1 646 470 4911



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