

Product Data Sheet

Colloidal Silver

Description

Description	Colloidal Silver is a stable aqueous suspension of nano-scale silver particles, supplied as an industrial and cosmetic-ingredient grade. It is used for its antimicrobial surface properties in formulation and industrial applications.
Recommended Use	Industrial and cosmetic-ingredient use only — antimicrobial additive in coatings, textile treatments, water-treatment formulations, and cosmetic preparations
Restrictions on Use	Not sold, marketed, or evaluated as a dietary supplement or drug

Key Benefits

- Broad-spectrum antimicrobial surface activity
- Stable nano-particle suspension for consistent dosing in formulation
- Suitable for textile, coatings, and cosmetic-ingredient applications

Technical Specifications

Parameter	Unit	Specification	Test Method
Silver (Ag) Content	ppm	10 – 1000 (grade-dependent)	ICP-MS / AAS
Particle Size	nm	10 – 50 (typical)	Dynamic Light Scattering (DLS)
Appearance	—	Pale yellow to brown liquid	Visual
pH	—	6 – 8	pH Meter
Carrier	—	Deionized water	—

Regulatory Note

Supplied as an industrial/cosmetic-ingredient raw material only. Not evaluated or labelled as a drug, biocide, or dietary supplement. Buyers are responsible for confirming compliance with applicable regulations (e.g., biocide/cosmetic ingredient registration) in their destination market before use in a finished product.

Packaging

Packaging	HDPE bottles/drums (1L, 5L, 25L); light-protected packaging recommended
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Storage & Handling

- Store in a cool, dark place away from direct sunlight to preserve particle stability
- Keep container tightly closed; avoid contamination during dispensing

Disclaimer: Provided as a general guide, subject to revision; buyers should confirm suitability through their own testing and regulatory review for their destination market.