



# COLLOIDAL SILVER

## What is a colloidal?

A colloidal is a solution that has particles ranging between 1 – 1000 nanometres in diameter, yet are able to remain stable and evenly distributed throughout a solution (colloidal dispersion) because the substances remain dispersed and do not settle, therefore one substance is evenly dispersed in another i.e. Silver in distilled water.

To be classified as a colloid, the substance in the dispersed phase must be larger than the size of a molecule but smaller than what we can see with the naked eye.

AN easy way of determining whether a mixture is colloidal or not is through the use of the “Tyndall Effect”.

When light is shined through a true solution, the light passes clearly through the solution, however when light is passed through a colloidal solution, the substance in the dispersed phase scatters the light in all directions, making it readily seen, an example of this is shining a flash light into fog. The beam of light can be easily seen because the fog is a colloidal.

Bio mineral balance uses the faraday method to make all our colloids a technique discovered by Michael faraday in 1857 which created a very stable solution of gold that could pass the BBB and is still in use as the most effective means of creating a long lasting stable colloid till this day.

## What exactly do Colloids do?

Metal colloids used as dietary supplements provide the body with depleted minerals required to maintain optimum health. The basic functions of minerals in the body are building and regulating.

The building functions of minerals affect all soft tissues, such as ligaments, muscles, and tendons, and the skeleton. Minerals regulate body functions such as heartbeat, nerve response, transport of oxygen to body tissues, blood clotting, and body fluids' internal pressure.

Does Colloidal Silver or Colloidal gold accumulate in the organs of the body?

The metallic particles contained in Colloidal Gold Fusion and Silver fusion, as well as all of our other colloid's are in the form of nano-meter sized particles. These particles **do not** accumulate in body tissues or any organs. The nano-particles are passed out of the body with waste within a few days of being ingested.

## What Can Silver Do For You?

**“ The Miracle”** product known as colloidal silver?

The basic reason for any colloidal silver efficacy and safety controversy is that the medical establishment (medical mafia) and the pharmaceutical industry (Big Pharma) see colloidal silver as a financial threat. While you may have been cautioned against using colloidal silver, **know that colloidal**

**silver benefits are tried and true.**

**Many consider colloidal silver an antiseptic and not an antibiotic because it kills more than bacteria; it destroys viruses and eliminates fungal infections.** So far, bacteria that are resistant to silver haven't developed, while colloidal silver can destroy *antibiotic-resistant* pathogens, even the dreaded MRSA, Ebola and Biofilm diseases.

Both the medical establishment and Big Pharma have put silver medical products to work in hospital equipment and medical tools as well as anti-infection burn remedies to prevent MRSA (Methicillin-Resistant Staphylococcus Aureus) infections, which are potentially lethal and have become antibiotic resistant.

### **An Exceptional antibiotic**

Colloidal Silver is reported to kill approximately 650 types of viruses, fungi and bacteria's, whilst antibiotics are only known to kill 6 or so. **This is the big threat to the pocket of the medical establishment and the pharmaceutical companies.**

Colloidal silver is the only antibiotic none to be perfectly harmless to all parts of the body, while the kidney, liver and immune system can be harmed by others. There are no known resistance issues unlike Antibiotics.

## How Colloidal Silver Works

5 -7 days is average for the benefit and build up of Colloidal silver to begin.

10ppm is the minimum effective concentration, however higher concentrations are desirable due to the risk of illness and major exposure to a disease outbreak, man-made airborne pollutants or a major burns injury.

After 1-3 weeks of ingestion and ceasing the product, colloidal silvers effectiveness will decrease and be eliminated through the kidneys, lymphatic system and bowels.

Keep in mind that while antibiotics don't touch viruses and funguses, **colloidal silver eliminates them** – making colloidal silver benefits incredibly useful. It eliminates anaerobic pathogens by destroying the enzymes that fend off oxygen molecules, thus oxidizing them to death.

Conversely, the silver nano-particles neutralize the minority of aerobic pathogens by disrupting their ability to use oxygen. This begs the question: will colloidal silver destroy friendly gut bacteria the way pharmaceutical antibiotics do? Some colloidal silver advocates claim it is so readily assimilated into the blood through the stomach and gut linings *before it can linger in the lower*

*intestines where our friendly bacteria mostly reside. Therefore, it isn't an issue.*

**Others consider electrical charge bonding as the main factor for eliminating pathogens while sparing gut friendly bacteria. Most friendly bacteria are not negatively charged, eliminating any attraction to the positively charged silver particles.**

### **Silver's Poignant Impact**

Silver is a natural and general purpose anti-fungal, anti-bacterial, and antiviral product. It works because it kills with an electrical charge rather than a chemical one, so pathogens cannot develop any resistance to it. As such, it's a natural cure for Lyme disease, as well as killing 99.9% of all known bacteria's, pathogens and viruses such as Shingles.

According to a report in the National Centre for Biotechnology Information (NCBI), silver is a novel strategy for the prevention and treatment of biofilm related infections like Lyme disease. Like the plaque on your teeth, a biofilm can form when a community of microorganisms stick together on a surface. When biofilms coat the *Borrelia* bacteria that cause Lyme disease, this dampens antibiotics' powers. However, because silver nanoparticles have extremely large surface areas, they can interact with microorganisms better than antibiotics.

Silver's nanoparticles can penetrate inside biofilm-protected bacteria and react with proteins and DNA, which interrupts the respiratory chain and cell division. Result = bacterial cell death.

Unlike antibiotics which increasingly can cause tolerance and resistance issues, DNA damage, cell mutation and inhabitation of cell division is a common occurrence

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC90417/>

Colloidal silver is used to treat infections due to yeast; bacteria (tuberculosis, Lyme disease, bubonic plague, pneumonia, leprosy, gonorrhoea, syphilis, scarlet fever, stomach ulcers, cholera); parasites (ringworm, malaria); and viruses (HIV/AIDS, pneumonia, herpes, shingles, warts).

Colloidal silver is also used for lung conditions including emphysema and bronchitis; skin conditions including rosacea, cradle cap (atopic dermatitis), eczema, impetigo, and psoriasis; and inflammation (sometimes due to infection) of the bladder (cystitis), prostate (prostatitis), colon (colitis), nose (rhinitis), stomach (gastritis), tonsils (tonsillitis), appendix (appendicitis), and sinuses (sinusitis).

Other uses include treatment of cancer, diabetes, arthritis, lupus, chronic fatigue syndrome, leukaemia, hay fever and other allergies, trench foot, and gum disease.

Colloidal silver is also used to prevent flu, H1N1 (swine) flu, and the common cold.

Some women take colloidal silver during pregnancy to aid the baby's growth and health as well as the mother's delivery and recovery.

Colloidal silver is applied directly to the skin for acne, burns, eye infections, fungal infections, throat infections, skin infections, and Staphylococcus infections.

**Here are the top 10 ways to use colloidal silver for self-healing  
(Courtesy of [NaturalNews.com](https://www.naturalnews.com))**

1. Spray onto burns to prevent infections and promote faster healing without scarring.
2. Spray or dab onto ringworm, boils, herpes sores and warts for faster healing.
3. If you're having bronchial problems or walking pneumonia, put some colloidal silver in a nebulizer and breathe it into your bronchial area and lungs directly.
4. Small amounts taken daily as a tonic will give (what some call) a second immune system to guard against colds and flu.
5. Colloidal silver drops can be used for ear infections without any harmful side effects. Some use it for eye and nasal infections as well.
6. It can be applied topically for vaginal yeast infections, oral thrush and even used as a treatment for jock itch
7. Colloidal silver can be used by pregnant women to assist fetal development and easier delivery of the newborn child.
8. If taken early at the onset of a cold, flu or bronchitis, the user is likely to get over it quickly without harming beneficial bacteria.
9. Colloidal silver can be used successfully to combat MRSA (methicillin-resistant *Staphylococcus aureus*) staph infections that can be fatal. MRSA is now resistant to antibiotics. While it usually occurs during hospital stays, it has become rampant enough to originate outside hospitals.

10. There has been some success using colloidal silver with AIDS patients. It adds a layer of needed additional immunity while destroying existing pathogens.

But there is even more....

It has also been used to shrink tumours both externally and internally with or without the use of MSM, depending on the type of tumour.

May be a potential and worthy, safe alternative to vaccines.

Colloidal silver can be used as a remedy for mouth infections, toothaches, sore throats, acne, and rashes.

Dab on wounds (even septic ones).

Suffering from irritable bowel syndrome flare-ups? Take an ounce of CS 1 to 3 times per day to eliminate the problem.

Use a clean empty saline nasal spray bottle and fill with straight CS to use as a nasal spray before going out in winter and flu season – as a preventative.

Keep a small bottle of colloidal silver in your car or handbag and use as a hand sanitizer when no regular hand washing facilities are available.

Colloidal silver has proven to be very effective in treating fibromyalgia. An initial daily dose of 2 to 4 oz. can be reduced to 1 oz. once the condition improves.

Colloidal silver is an excellent first aid item for long-term preparedness and survival. It is also a natural preservative.

You can use as a fan or air conditioner unit sterilizer.



Colloidal silver can be taken internally to fight bacteria, fungus and infections.

Colloidal silver gel, which is a combination homeopathic / silver solution for topical use, can replace all topical antiseptics and antibiotic ointments in your medicine cabinet; and used in a spray bottle can replace all antibacterial sprays and disinfectants within the home, commercial or work setting.

Two recent clinical studies have looked at the idea of using silver nanoparticles as a method to shrink cancer tumours.

These studies are fascinating, because they demonstrate that if doctors can get enough silver to the site of a cancer tumour, they can potentially shrink or even kill the tumour.

Check it out: <http://www.thesilveredge.com/cancer.shtml> \ <https://www.google.co.uk/url...>

[https://www.dailymail.co.uk%2Fhealth%2Farticle-2095610%2FSilver-bullet-cancer-Metal-kill-tumours-better-chemotherapy-fewer-effects.html&h=AT1YWhk1wRIIE0ZrIb2juooJ1IdXPqltpfrzFto4968SaBrbb4zZk4wNxebQMhmrsGPDyy3ckJCEvBKX-YWgHo\\_oVD6uGYIIlApiQZdHqBDkb71shzlt2XbG9gY2dplYnz8419Lx\\_DvMTOXzvSiSRmR3nD1ftqSpVfV7murH7ft-ODNYShCba0RoufbqxRHKzuG1684DplC\\_XXWKDJ\\_m](https://www.dailymail.co.uk%2Fhealth%2Farticle-2095610%2FSilver-bullet-cancer-Metal-kill-tumours-better-chemotherapy-fewer-effects.html&h=AT1YWhk1wRIIE0ZrIb2juooJ1IdXPqltpfrzFto4968SaBrbb4zZk4wNxebQMhmrsGPDyy3ckJCEvBKX-YWgHo_oVD6uGYIIlApiQZdHqBDkb71shzlt2XbG9gY2dplYnz8419Lx_DvMTOXzvSiSRmR3nD1ftqSpVfV7murH7ft-ODNYShCba0RoufbqxRHKzuG1684DplC_XXWKDJ_m)

## A word of warning

The medical establishment promotes fear mongering and lies through various media outlets and threatens colloidal silver manufacturers through various federal, state, and local health agencies.

One of the ways in which they do this is by suggesting that Colloidal Silver and Silver Protein/ chloride are the same

product. They are **NOT**. Colloidal silver is completely safe, however make sure

you **avoid “silver protein, Silver chloride or anything with extremely high parts per million 300 +** even if not labelled silver protein. In fact, silver protein is not a protein at all but the name given to large particles of silver in high concentration. This is the one that can lead to the blue skin (known as Argyria and caused by IMPROPER exposure to chemical forms of the element silver, silver dust or silver compounds) and the same product that has given actual colloidal silver some bad publicity.

[https://www.getholistichealth.com/78217/colloidal-silver-erased-cure-diseases/?fbclid=IwAR2lOisjJpiYHxsakSDYJ5V-F6k06\\_ilJUfybuy61HF3JSp\\_Wv6Y8ccxQJc](https://www.getholistichealth.com/78217/colloidal-silver-erased-cure-diseases/?fbclid=IwAR2lOisjJpiYHxsakSDYJ5V-F6k06_ilJUfybuy61HF3JSp_Wv6Y8ccxQJc)

## The Blue Man Fraud

Now nearly everyone has seen the story about Paul BKarason who the news media has dubbed "The Blue Man". Although the news media has continually said that he was taking colloidal silver, nothing could be further from the truth. The Blue Man story became a major media disinformation event

which was produced by a public relations firm and paid for by a pharmaceutical interest. The purpose of this campaign was to scare the public away from using colloidal silver products. The tactic was to claim that the Blue Man's condition was caused by his use of **colloidal silver** thus implying that anyone who uses colloidal silver would suffer a similar fate. The entire story as presented is a study in blatant misrepresentation. The fact is that Paul has a condition called argyria that turns the skin a blue-grey colour. He got this condition by taking his **homemade silver compound** that was mostly a highly concentrated ionic silver solution. When he prepared the solution he believed he was making colloidal silver. **He was not making colloidal silver.** To make the solution even more dangerous, he added salt to the brew and then used electrolysis to make a high concentration of silver chloride with large particles, which is well known to cause argyria. He further applied the compound to his skin causing him to become an internal and external photographic plate. To finish himself off, he used a tanning bed to "fix" the silver in his body. The moral of the story is to know the difference between true colloidal silver and ionic silver or silver proteins, and don't try to make either at home! (True colloidal silver cannot be made at home.)

The Blue Man charade demonstrates once again that the mass media cannot be trusted to report anything that even resembles a truthful "news" story. All "news" today is propagated with an agenda just like the phony economic statistics put out the U.S. government.

## **Colloidal silver safety**

Colloidal silver does not interfere with any other medication and can be used in conjunction with all other prescription medication.

It is non-toxic to humans and mammals, reptiles, plants and all living things that are NOT of a one-celled structure.

Our Colloidal Silver (Silver Fusion) is tasteless and non-toxic and manufactured using the “Michael Faraday” method, using only pure distilled water, 99.99% pure Silver and 80 minerals for extra bio-availability.

### **Suggested use:**

25ml 2-3 x per day for 1 week to build up concentrations and dropping to once a day there after for prevention.

Hold and swish in the mouth for 30 seconds before swallowing

More frequent or larger doses may be needed if treating a live virus or disease, dropping your dosage to minimum once issue ceases.

Children or pets lower dosage according to weight.

Can be used topically, internally via ingestion, nebulisation, spray or atomiser.

Do not use a metallic spoon.

## **Disclaimer**

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to or email Bio Mineral Balance so that it can be shared with others who may be interested.