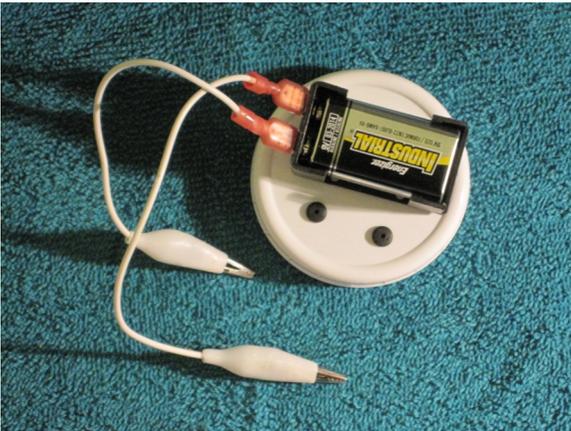


# General Instructions For use of the 9-Volt Battery Generator In making Colloidal Silver at Home

*www.ColloidalSilverHowTo.com*

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Congratulations on taking personal responsibility for the health of you and your family! It is gratifying to know that there are many of us who have discovered the value of colloidal silver... and to have discovered how inexpensively we can make quality, safe colloidal silver from home.

**NEW, IMPROVED alligator clip-to-battery leads!  
We've just added much heavier low-voltage leads to  
your system. See below for details in handling.**

The 9-volt charger system you have purchased from ColloidalSilverHowTo.com is a great, simple, economical way to make colloidal silver. It is fast, easy, efficient and wonderfully reliable.

## To make your colloidal silver:

1. Use either a quart or pint canning jar, whose mouth matches the size of the canning jar rim that came with your generator. (This is a very common size. Even mayonnaise jars will work!)
2. Fill your clean jar with only distilled water, which can be purchased for about 86 cents a gallon from your larger grocery store chains. It's okay to fill it all the way up to the level of the jar threads where the Silva-Cap screws on.
3. Take the Silva-Cap and install your 12-gauge or 14-gauge silver rods from the underneath side of the cap. Install them one at a time through each of the rubber supports in the cap. Push each rod through the rubber support until approximately 1/4" to 3/8" appears.
4. Install the Silva-Cap onto the jar. This might require carefully lowering the lid, and the carefully turning the jar beneath the lid until the lid is snugly tightened onto the jar.
5. Check to make sure that the rods are parallel to each other in the distilled water. The rubber supports will hold the silver rods in the ideal position, but check to see if you need to adjust them slightly from outside the cap.
6. Attach an alligator clip from the 9-volt batter one at a time to each of the silver rods. The alligator clips with wires attached to the 9V battery terminals are extra heavy duty now. Please feel free to bend the wire leads to accommodate a permanent location when attaching to the silver rods.
7. As soon as the second alligator clip is attached, a 9-volt current is passing through the rods and silver colloids are now being produced. Your colloidal silver production is now underway.

Be sure to:

Arrange the rods so that they a) do not touch each other, b) do not touch the jar, and c) stand approximately 1" from each other. This may require that you adjust the clips (by lightly twisting the clip the jaws of the clip so that the rod is vertical), or slightly bend the silver rods (the silver is very soft and pliable). **IMPORTANT:** Be sure to adjust the silver rods so they remain approximately 1" apart. Know that you will still make great colloidal silver if the silver rods are close together, but your solution will make very quickly and even turn the water cloudy quickly. Cloudy water is not an issue to be concerned about. If your water is cloudy at the end of your make-time, most of the cloudiness will disappear after you filter (see below). If the water remains cloudy after filtering, the water will normally clear by the next day.

**If using a pint jar, first begin by curling up the bottom 2" of the silver rods into a J-shape.** This will prevent the rods from scraping the bottom of the jar (see photo).

Remember that the moment you plug in the charger and put the silver into the water, you are generating a very low voltage current (that you cannot even feel) and you are making colloidal silver!

## **When is the colloidal silver ready?**

First, realize that you are using a very low voltage—only 9 volts—to produce your colloidal silver. Over time I preferred very low voltage very because I felt that it produced a cleaner end product. However, know in the beginning that you will need to set aside several hours to produce a good ppm level of colloidal silver because of the very low voltage.

Personally, I use the quart jar size when I am making silver. And I make a very good colloidal silver solution in about 3-4 hours! It's that easy, and that fast! You should have a 6 to 10ppm solution.

Know that you are going to become so familiar with the level of ppm that you like best that you will adjust your production time according to your tastes.

The best method that I know of to check the progress of your colloidal silver is with a laser pen light. I recommend that you check your production approximately every 30 minutes. Darken the room where you are making the colloidal silver, and shine the laser light across the width of the jar. Distilled water will reflect nothing. If you shine the laser light across the width of the jar when full of distilled water, you will see nothing. However, after several minutes you will begin to see a definite beam, and you will know that your production is underway. I personally like to see a solid light beam across the width of the jar before I stop. (Photos of using the laser pen light simply are not clear enough to illustrate what I am describing. But you'll be able to easily see what I am describing when you do it yourself.) During production, after roughly 1/2 hour, it is not uncommon to first see intensely bright red 'clouds' of silver ions coming off one of the rods. There will appear to be streams of clouds mixed into areas with no reflection. This is normal, and the ions will dissipate during production. If the clouds of reflective ions do not dissipate, after the 75 minutes, not to worry. Simply stop the process the first couple of times you make colloidal silver after the appropriate time, and recheck the silver with the laser after pouring your colloidal silver into a clean jar (see below). You will see the solid beam at that point.

Know that after you have made several batches, you'll have your own idea of how long you'll need to produce your colloidal silver.

## **What you can expect to see while in production:**

Very soon after plugging in your charger, you'll begin to see tiny bubbles coming off one of your silver rods. These are hydrogen bubbles. Off the opposite rod, you'll begin to see an extremely fine pale 'cloud' beginning to lightly swirl through the water. These are the silver ions being deposited into and suspended into the water!

Later, you will begin to see a rather 'fuzzy' black substance forming on the rod that had at first formed the hydrogen bubbles. This is a normal and part of the process. This is buildup of negatively charged silver particles. The positive ions are those that remain in the distilled water, in a colloidal state. If you are making a large batch (1 quart or larger), you may see a large buildup of the fuzzy black substance. It is okay to remove the jar from the rim, raise the rim and wipe the buildup off the rod with a paper towel. You may have some of the buildup drop off and float in the water. That's okay too. That will be removed when you pour the solution into a clean jar.

When you finish production, unscrew the jar from the rim and lay the generator on a paper towel. Remove the silver rods from the alligator clips, leaving them on the paper towel. You will use the paper towel to wipe down the rods. One rod will wipe clean easily. The second rod is blackened with silver oxide, and when wiped down will appear to be dull. I suggest that you clean both rods with a 3M pad. Then, wipe them down with a dry paper towel and store out of the sunlight.

Now, you'll pour the colloidal silver into a clean jar for storage. Use a standard kitchen funnel, lined with a coffee filter. Pour the silver from your generating jar through the filter into the clean jar. This will collect any buildup that is floating in your silver, along with any other larger particles generating during the process.

The result is clean, clear, very usable and very stable colloidal silver!

Next, you'll want to clean your generator jar. I use standard dish soap and a sponge I set aside

only for cleaning my jars. You'll see that your sponge will be stained and blackened through silver oxide remaining in the jar while cleaning. I also use a wooden spoon to move the sponge around inside the jar to clean sides and bottom. You'll see that the jar cleans very easily!

Note: If you are making larger batches and leaving generator set up and the silver in the water for a longer time, you may encounter silver 'plating' on the bottom of the jar. This plating can be scoured off, but it is hard to reach, and I discovered a very simple method of removing it. Simply pour about 1/2" of hydrogen peroxide into the bottom of the jar. Within about 30 minutes, the plating will be gone. (If plating remains, pour off the old hydrogen peroxide and pour in more. Leave for 30 minutes and rinse. Repeat if necessary.)

Your colloidal silver, usually within 24 hours, will take on a slightly amber color. This is also a completely normal part of the process.

### **Changing the battery in the 9-volt battery generator:**

Changing the battery is simple, so it will be even simpler when you follow these tips. To remove the old battery, simply pull down on the top edge of the battery to release it from the battery terminals. With your fingertip, lift the battery out of the holder from the bottom edge.

To install a new battery, reverse the process. Lay a new battery in the battery holder, and with your fingertip, push from the bottom edge of the battery until you hear/feel the battery snap into the battery terminals.

### **Just a piece of advice:**

Keep the alligator clips from touching each other during storage. This will keep the battery from draining over time. When the clips touch one another, a circuit is generated and voltage from the battery is used. So just make sure that the alligator clips remain apart when the generator is not in a production period.

Enjoy your colloidal silver generating process! You'll very quickly find that the process is SO simple and easy to make that you'll wonder why you waited so long to begin making it yourself.

If you have any questions, please contact us:

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*Thank you again for your order!*