



# GC Liquid

**BEST IN CLASS CHLORINE DIOXIDE (ClO<sub>2</sub>)**  
SANITIZER, DISINFECTANT, LINE CLEANER + CONTINUOUS WATER TREATMENT

#### AVAILABLE IN SIZES:

2-Gallon, 12.5-Gallon &  
30-Gallon Sachets

- On EPA List N of disinfectants for use against SARS-CoV-2 (Covid-19 causing Coronavirus)
- OMRI Organic Listed
- Non-Dermal Sensitizer (Does not irritate skin)
- Safe for use around People and Plants
- High Material Compatibility (Will not damage most surfaces, even with frequent application)
- Provides 3-Dimensional clean
- The only Ultra-Pure point-of-use Chlorine Dioxide (ClO<sub>2</sub>)
- Pharmaceutical Grade & Leaves No Residue

## The Ideal 3-Dimensional Sanitation & Disinfection Product for Cannabis Cultivation & Processing Facilities

- Ships and stores dry
- Generates ultra-pure ClO<sub>2</sub> and zero byproducts
- Liquid lasts for up to 60 days after generation (if stored properly)
- Versatile use - replaces an entire cabinet of harmful products
- Mechanical kill action, no resistance or tolerance possible
- Kills E.coli in 60 seconds at 5ppm
- No rinse or wipe required, spray & walk away
- Effective against Fusarium, Pythium, Powdery Mildew, Botrytis Gray Mold, Tobacco Mosaic Virus, Hop Latent Virus & many more

**EPA REGISTRATION NO. 74986-5 / EPA ESTABLISHMENT NO. 071441-OH-004**

#### No PPE...

necessary if using a non-powdered application device at 100 ppm or less



#### Replaces...

current sanitation, disinfection, deodorization, irrigation cleaning & water treatment products



#### Registered...

for use against wide range of pathogens (mold, bacteria, fungi and viruses, & more)



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**FOR MORE INFORMATION**

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# Gard'nClean GC Liquid Benefits Overview



## LABOR & ADMINISTRATIVE TIME SAVED

- No rinse or wipe down is required
- Spray and walk away
- Due to the high safety and low risk of GC Liquid, anyone can use the product effectively

## SECURITY

- Gard'nClean GC Liquid is not a skin irritant, even at high concentrations
- Limits and mitigates risk due to accidental or intentional exposure
- Safe for use around people, plants, and infrastructure

## HEALTH & SAFETY

- Requires no PPE at full strength disinfection levels of 100 ppm using non-powdered application device
- GC Liquid is a mechanical kill. Pathogens cannot build up resistance unlike traditional chemical kills
- GC Liquid is non-caustic, registered organic, and environmentally friendly

## STORAGE SPACE SAVED

- Gard'nClean GC Liquid ships as a dry sachet, drastically reducing plastic waste, shipping & storage costs
- One case (10 units) of GC-12.5 is 10" x 6" x 6" and weighs only 2.5 lbs
- One case (10 units) of GC 12.5 makes at least 125 gallons of full strength disinfectant (100 ppm)
- One case (10 units) of GC-12.5 makes at least 1,250 gallons of surface sanitizer (10 ppm) - \*Replaces Isopropyl alcohol (not for resin removal)
- One case (10 units) of GC-12.5 treats 12,500 to 25,000 gallons of drinking water (0.5 - 1 ppm)

## TRASH REDUCTION

- Gard'nClean GC Liquid removes the need to purchase liquid-based sanitizers, disinfectants and deodorizers; eliminating the plastic waste of multiple products and their single use containers
- Generation vessels, dispensers and spray bottles are reusable, reducing waste

## PRODUCT SAVINGS

- Direct replacement for most sanitation and disinfection products from basic surface sanitation (i.e.- isopropyl alcohol and bleach) to full scale disinfection and remediation (i.e.- quaternary ammonia, hydrogen peroxide, peroxyacetic and peracetic acids)
- By simply utilizing Gard'nClean GC Liquid at the advised ppm concentration, we are able to replace a multitude of expensive and caustic products with a single solution



## Gard'nClean GC Liquid Basic Directions

**PROPER PPE:** (REQUIRED DURING GENERATION PROCESS IF HANDLING CONCENTRATED SOLUTIONS OR USING A POWDERED APPLICATION DEVICE)

- ✓ **Eye Protection**
- ✓ **Respirator appropriate for Chlorine Dioxide rated for organic vapors/acid gas such as 3M #60923 or #60926**
- ✓ **Gloves**

### Directions For Use:

1. Only generate Gard'nClean GC Liquid in a well ventilated area.
2. Generate the Gard'nClean GC Liquid solution with the provided Gard'nClean GC Liquid sachet by adding the sachet to water for a minimum of 2 hours, maximum of 24 hours, in a sealed container.
3. Remove used Gard'nClean GC Liquid Sachet from the mixing container and discard in standard trash receptacle. \*Requires PPE when opening generation container\*
4. We recommend transferring the solution to a sealed, opaque container with a spout for easy dispensing. The solution will stay pH and ppm stable for up to 60 days if stored properly.
5. For disinfection, use 100 ppm solution to spray, wipe down or mop all surfaces.

\*For disinfection of large spaces, we recommend using an electrostatic sprayer or dry fogger\*

### Notes

Generation of Gard'nClean GC Liquid takes place by releasing chlorine dioxide ( $\text{ClO}_2$ ) gas into solution once the sachet is added to water. The generation vessel and storage container must be sealed to prevent the  $\text{ClO}_2$  gas from escaping. You can generate Gard'nClean GC Liquid as a ready to use 100 ppm disinfection solution, or as a 500 ppm stock solution, simply by changing the amount of water you generate the sachet in. If making the 500 ppm stock solution, please refer to the dilution chart for concentrations and use rates in ml/gal. This can also be verified with Gard'nClean  $\text{ClO}_2$  test strips.

### GC Clean Usage Rates:

Disinfection/Decontamination/Sanitation/Deodorization - 100-200 ppm

Heavy Bleach Replacement - 25-50 ppm

General Surface Cleaning/Bleach or Isopropyl Alcohol Replacement - 10-25 ppm

Wash Protocol for Fruits/Vegetables - 5 ppm

Standard Continuous Irrigation Injection - 0.25-1 ppm

\*For full instructions, see our Directions for Use on the label, or consult the Gard'nClean Commercial Training Document\*



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