Gard'n Clean

GENERAL SOP

Gard'nClean Basic SOP

Before performing a GC Liquid or Fast Release Gas Treatment, place provided Gard'nClean Treatment signage on door.

GC Clean Liquid

Proper PPE:
Eye Protection
Chemical Respirator
Gloves

Directions for Use:

Generate the GC Liquid solution with the provided GC Liquid packet by adding packet to water for a minimum of 2 hours, maximum of 12 hours, in a sealed container. Since we are generating gas in the water to achieve the solution, we must keep it sealed to prevent gas escaping.
You can generate the GC 30 in either 30 gallons of water to make 30 gallons of ready to use 100 ppm solution, or in 6 gallons of water to make a 500 ppm stock solution.
If making the 500 ppm stock solution, please refer to the dilution chart for concentrations and use rates in ml/gal. We recommend transferring the stock solution to a 6 gallon/24-liter opaque nutrient container for easy use. The solution will stay pH & ppm stable for at least 2 weeks.
Remove used GC Liquid Sachet from the mixing container and discard in standard trash receptacle.
Turn off HVAC and any air exchange, and then seal off room to prevent gas escaping.
Turn off lights, as Chlorine Dioxide is photoreactive.
Use 100 ppm solution to spray down all surfaces.

To make a 50 ppm solution for cleaning irrigation lines /dosatrons/emitters/etc. mix equal parts water and 100 ppm GC Liquid solution.
Allow GC Liquid solution to sit in lines for a minimum of 4, and up to 12 hours before flushing.
Soak emitters and other removable items in a 50 ppm concentration of GC Liquid solution.

GC Liquid Usage Rates

Disinfection/Decontamination/Sanitation/Deodorization – 100 ppm

Irrigation System Cleaning & Maintenance Sprays – 50 ppm

Cutting Tools/Heavy Bleach Replacement – 25 ppm

General Surface Cleaning/Bleach or Isopropyl Alcohol Replacement – 10 ppm

Wash Protocol for Fruits/Vegetables – 5 ppm

Irrigation System (Continuous Dose) - .25 ppm

Gard'nClean Fast Release

Please remember to thoroughly and physically clean the area to be treated so that the gas gets to the surface that needs to be sanitized. We recommend using GC Liquid to accomplish this.

Directions for Use:

Turn off HVAC and any air exchange in room.
Turn off lights, as Chlorine Dioxide is photoreactive.
If treating individual rooms, seal off room to prevent the gas from exiting the room.
Use GC Clean liquid at 100 ppm to spray down all surfaces in the room before using Gard'nClean Fast Release. (The evaporation of the GC Liquid acts as an additional fumigant resulting in an entourage effect.)
Set Gard'nClean Fast Releases evenly throughout the room, the gas will disperse through the entire room, ClO2 is heavier than air, so do not place under tables or any obstructions. We recommend using fans to help keep the ClO2 dispersed evenly through the space.
Remove foil pouch from jar, remove Gard'nClean Fast Release sachet from the foil pouch without ripping the white GC sachet inside.
Place Gard'nClean Fast Release sachet in the jar that is provided, and fill with approx. 175 ml of water (to the fill line).
Leave room immediately and stay out room for a minimum of 2 hours (can leave up to 12 hours).
Turn air exchange/HVAC back on and ventilate room before returning to work in there. (HVAC may be cycled on after the initial 4 hours to clean the inside of ducts/air handlers.)

Gard'nClean Extended Release

Directions for use:
Remove Gard'nClean Extended Release sachet from foil pouch.
Place Gard'nClean Extended Release sachet back into included container.
Set Gard'nClean Extended Release in a central area, trying to avoid putting it directly in front of a fan or duct work.
Replace every 30 days

For additional detailed SOP's on usage of Gard'nClean products (not listed below), please contact hello@gardnclean.com

TREATMENT IN PROGRESS

DO NOT ENTER UNTIL TREATMENT IS COMPLETE, AND THE ROOM HAS BEEN PROPERLY VENTILATED.