

VeriSan™

**SANITIZER / DISINFECTANT / DEODORIZER / STERILANT
SPRAY / SOAK / DIP / WIPE / FOG / IMMERSE / DILUTE
ClO₂ KILLS KNOWN HARMFUL BACTERIA, VIRUSES & MOLD
CAUTION KEEP OUT OF REACH OF CHILDREN**

At VeriSan™ we reduce our environmental footprint by offering our unique mixing system, which may include one reusable mix container and 2 parts for mixing. Part A and Part B. The range of our kits can produce between 1 and 500 gallons of safe, ultra-effective sanitizer and disinfectant solution. We also use glass bottles for our mixing agents and personal spray bottles. Our combined system eliminates over 95% of the petroleum plastics which would go into buying many gallons of conventional sanitizer, which is usually sold in single-use 32 oz, 16oz, or 8oz bottles.

Mixing Instructions: Read all mixing instructions, safety information, and warnings before mixing or using this product. SOLUTION SHOULD NOT BE MIXED IN A METAL CONTAINER! **STORE IN COOL DARK PLACE - KEEP FROM FREEZING**

Gloves and eye protection should be used when applying. Proper respiratory and ventilation protection must be worn when using as a fogging solution. When fogging, VeriSan™ should be applied by the applicator wearing a NIOSH / MSHA-approved respirator with an Organic Vapor / Acid Gas Cartridge.

- Mix and let stand for 1 minute before dilution.
- Prepare solution in a well-ventilated area.
- Avoid breathing fumes that may be produced while Part A and Part B are dissolving.

Mixed solution will retain full potency for 1 week to 30 days depending on storage conditions and contamination. Keep stored in a closed container, in a cool place and away from direct sunlight. Mixed solution should be considered ineffective after 45 days and will need to be remixed. Read further for important information regarding mixing instructions specific for the desired use of this product. When Mixing 32 oz bottles divide the gallon mixing ratio instructions for part A and part B by 4.

1. EMERGENCY POTABLE WATER Water sanitization for drinking in emergency situations.

For a concentration of 1.02 PPM (parts per million) activated solution, safe and effective to use around fruits, vegetables and prepared food, **mix 1 drop of Sodium Chlorite solution (Part A) with 1 drop of Activator (Part B)** in the bottom corner of an appropriate mixing bottle. Let the solution activate for **1 minute**, then fill with 1 gallon of water and shake. **HOLD CONTAINER AWAY FROM PEOPLE DURING ACTIVATION!** Let water sit for 41 minute before drinking. The EPA Threshold for human ingestion is 0.8 PPM, to get this concentration mix the above formula with 1.2 gallons of water.

2. DIP OR SOAK FOR EGGS, GROCERIES AND PRODUCE FOR 10 MINUTES (4-5 PPM) = 5 drops of part A and 5 drops of part B mixed with 1 gallon of water, Use 1 drop of part A and one drop of part B when making 32 oz of solution. For a concentration of 5 PPM (parts per million) activated solution, safe and effective to use around fruits, vegetables and prepared food, **mix 5 drops of Sodium Chlorite solution (Part A) with 5 drops of Activator (Part B)** in the bottom corner of an appropriate mixing bottle. Let the solution activate for **1 minute**, then fill with water and shake. **HOLD CONTAINER AWAY FROM PEOPLE DURING ACTIVATION!** Use as a solution or as a spray, in a manner consistent with usual standards.

3. SPRAY SANITIZE VEGETABLES AND FOOD ITEMS For a concentration of 8-10 PPM (parts per million) activated solution, safe and effective to use around fruits, vegetables and prepared food, **mix 10 drops of (Part A) solution with 10 drops of Activator (Part B)** in the bottom corner of an appropriate mixing bottle. Let the solution activate for **1 minute**, then fill with 1 gallon of water and shake. **HOLD CONTAINER AWAY FROM PEOPLE DURING ACTIVATION!** Use as a solution or as a spray, in a manner consistent with usual standards. 10 - 12 PPM = 10 drops of part A and 10 drops of part B, mixed with 1 gallon of water, Use 2 drops of part A and 2 drops of part B when making 32 oz of solution.

4. HOUSEHOLD DISINFECTANT For a 20-25 PPM activated solution, safe for general household disinfectant, safe to spray on skin, **mix 25 drops of solution (Part A) with 25 drops of Activator (Part B)**, in the bottom corner of an appropriate mixing bottle. Let the solution activate for **1 minute**, then fill with 1 gallon of clean water and shake. **HOLD CONTAINER AWAY FROM PEOPLE DURING ACTIVATION!** Use as a solution or as a spray. Use 6 drops of part A and 6 drops of part B when making 32 oz of solution.

5. STERILIZING DISINFECTANT FOGGING AND SANITIZING - RESIDENTIAL To prepare a 50-60 PPM activated solution, a strength consistent with use as a commercial fogging agent, or to disinfect surfaces in medical facilities, livestock areas or when a powerful biocide

is needed, **mix 50 props of (Part A) solution with 50 drops of Activator (Part B)** in the bottom corner of an appropriate glass or plastic container. Let the solution activate for **1 minute**, then fill with one (1) gallon of water and mix. **KEEP CONTAINER AWAY FROM PEOPLE DURING ACTIVATION!** Use as a solution or as a spray, in a manner consistent with usual standards. Gloves and eye protection should be used when applying. Proper respiratory and ventilation protection must be worn when using as a fogging solution. When fogging, VeriSan™ should be applied by the applicator wearing a NIOSH / MSHA approved respirator with an Organic Vapor / Acid Gas Cartridge. Use 12 drops of part A and 12 drops of part B when making 32 oz of solution.

6. STERILIZING DISINFECTANT FOGGING AND SANITIZING - COMMERCIAL AND INDUSTRIAL To prepare a 100 PPM activated solution, a strength consistent with use as a commercial fogging agent, or to disinfect surfaces in medical facilities, livestock areas or when a powerful biocide is needed, **mix 1 tsp or 5 ml of (Part A) solution with 5 ml or one teaspoon of Activator (Part B)** in the bottom corner of a (not-included) glass or plastic container. Let the solution activate for **1 minute**, then fill with one (1) gallon of water and mix. **KEEP CONTAINER AWAY FROM PEOPLE DURING ACTIVATION!** Use as a solution or as a spray, in a manner consistent with usual standards. Gloves and eye protection should be used when applying. Proper respiratory and ventilation protection must be worn when using as a fogging solution. When fogging, VeriSan™ should be applied by the applicator wearing a NIOSH / MSHA approved respirator with an Organic Vapor / Acid Gas Cartridge. Use 25 drops of part A and 25 drops of part B when making 32 oz of solution.

Secure proper respiratory and eye wear protection prior to activation. - After mixing, add one gallon of clean water to the activated VeriSan™. Each gallon will treat approximately 1,000 - 1,500 sq. ft. of surface. To apply: Fill, flush, immerse, circulate or spray tank, line, equipment or food contact surface with an active solution making sure the surface area is thoroughly wet for at least one (1) minute. After sanitizing, drain tank, line or equipment, allow to air dry. Fresh sanitizing solution should be made up daily or more often if the solution becomes diluted or soiled.

7. TOUGH JOBS To prepare a 200 PPM activated solution, a strength consistent with use as a commercial fogging agent, or to disinfect surfaces in medical facilities, livestock areas or when a powerful biocide is needed, **mix 2 tsp or 10 ml of Part A solution with 10 ml or 2 teaspoon of Activator (Part B)** in the bottom corner of a glass or plastic container. **Let the solution activate for 1 minute** then fill with one (1) gallon of water and mix. **KEEP CONTAINER AWAY FROM PEOPLE DURING ACTIVATION!** Use as a solution or as a spray, in a manner consistent with usual standards. Gloves and eye protection should be used when applying. Proper respiratory and ventilation protection must be worn when using as a fogging solution. When fogging, VeriSan™ should be applied by the applicator wearing a NIOSH / MSHA approved respirator with an Organic Vapor / Acid Gas Cartridge. Tough jobs like animal enclosures, chicken coops, and mold infestations

8. FORENSIC AND BIOHAZARD SPRAY CLEANING AND FOGGING To prepare a 500 PPM activated solution, a strength consistent with use as a commercial fogging agent, or to disinfect surfaces in medical facilities, livestock areas or when a powerful biocide is needed, **mix 5 tsp or 25 ml of (Part A) solution with 25 ml or 5 teaspoons of Activator (Part B)** in the bottom corner of a (not-included) glass or plastic container. **Let the solution activate for 1 minute** then fill with one (1) gallon of water and mix. **KEEP CONTAINER AWAY FROM PEOPLE DURING ACTIVATION!** Use as a solution or as a spray, in a manner consistent with usual standards. Gloves and eye protection should be used when applying. Proper respiratory and ventilation protection must be worn when using as a fogging solution. When fogging, VeriSan™ should be applied by the applicator wearing a NIOSH / MSHA approved respirator with an Organic Vapor / Acid Gas Cartridge. Crime screen and biohazard cleanup

When fogging, VeriSan™ should be applied by the applicator wearing a NIOSH / MSHA approved respirator with an Organic Vapor / Acid Gas Cartridge. Secure proper respiratory and eye wear protection prior to activation.

Active solutions may be irritating when breathed; therefore, always use an applicable NIOSH/MSHA approved respirator appropriate for chlorine dioxide when spraying or fogging these solutions. People must vacate the premises during fogging treatments; a one-hour restricted entry interval (REI) is required. After application, allow to air dry. Treat as required. Never reuse activated solutions. Fogging is to be used as an adjunct to acceptable manual cleaning and disinfecting for room and environmental surfaces.

- Mix and let stand for 1 minute before dilution.
- Prepare a solution in a well-ventilated area.
- Avoid breathing fumes that may be produced while Part A and Part B are dissolving.
- After mixing, add one gallon of clean water to the activated VeriSan™. Each gallon will treat approximately 1,000 to 1,500 sq. ft. of surface.

PRECAUTIONARY STATEMENT Hazards to Humans & Domestic Animals: CAUTION: Harmful if swallowed. Harmful if inhaled. Avoid breathing vapor or spray mist. Causes moderate eye irritation. Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, and chewing gum, using tobacco or going to the restroom.

Handlers applying chlorine dioxide in an occupational setting must wear gloves. Do not give anything by mouth to an unconscious person"

ENVIRONMENTAL HAZARDS This pesticide is toxic to fish and aquatic invertebrates, oysters and shrimp. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your state water board or regional office of the EPA.

FIRST AID: IF INHALED: Move person to fresh air. If a person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

IF IT GETS ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYE: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lens, if present, after the first 5 minutes, then continue rinsing the eye. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

For 24 hour emergency information on this product, call NPIC at 1-800-858-7378 (U.S., Canada, Puerto Rico, Virgin Islands) or 1-703-527-3887 (All Other Areas) Have this product container or label with you when calling a poison control center or doctor or going for treatment. Seller expressly warrants that the product conforms to its chemical description. To the extent consistent with applicable law, seller makes no other warranties, either express or implied, including, but not limited to, the warranties of merchantability or fitness for a particular purpose or use, that extend beyond the statements made on this label. **IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.**

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Systematic Name: Chlorine oxide (ClO2)	Substance Type: Chemical Substance	Systematic Name: Chlorine oxide (ClO2)	CAS Number: 10049-04-4	EPA Registry Name: Chlorine dioxide	Molecular Weight: 67.45	Molecular Formula: ClO2
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STORAGE AND DISPOSAL Do not contaminate water, food, or feed by storage or disposal. **Product Storage:** Store in a cool, dry, well-ventilated location away from acids, chlorine and chlorine compounds. hypochlorites (bleach), organic solvents, sulfur and sulfite compounds, phosphorus, combustible/ flammable materials, and direct sunlight. Keep containers tightly closed when not in use and open carefully to prevent spillage. Storage on wooden floors and pallets is not recommended. **Container Disposal:** Do not reuse or refill this container with other products after use. Offer for recycling if available. Offer for reconditioning if appropriate. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into applications equipment or a mix tank and drain for ten seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

MIXING CONTAINER LABEL

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING. KEEP OUT OF REACH OF CHILDREN.

Container is intended for use and storage of diluted Chlorine Dioxide 1-1000 ppm. Follow the booklet directions for mixing, storage and disposal that came with this kit. Gloves and eye protection should be used when applying. Proper respiratory and ventilation protection must be worn when using as a fogging solution. When fogging, apply wearing a NIOSH/MSHA approved respirator with an Organic Vapor/Acid Gas Cartridge. Mix and let stand for 1 minute before dilution. Prepare a solution in a well-ventilated area. Avoid breathing fumes that may be produced while Part A and Part B are dissolving. Mixed solution will retain full potency for 1 week to 30 days depending on storage conditions and contamination.** Keep stored in a closed container, in a cool place and away from direct sunlight. Mixed solution should be considered ineffective after 45 days and will need to be remixed.. **Harmful if swallowed. Mix in a well-ventilated area. Solution should not be mixed in a metal container.**** Instructions for use:

1. Start with a clean plastic or glass container that has a lid.	1 - drop of each part A and part B per 1 gal of clean water = 1 ppm
2. Put the appropriate amount of drops of solution A into the mixing jug.	10 - drops of each part A and B per 1 gallon of clean water = 10 ppm
3. Put the appropriate amount of drops of solution B into the mixing jug.	20 - drops of each part A and B per 1 gal of clean water = 20 ppm
4. Let the two solutions mix in the mixing jug for 1 minute.	50 - drops of each part A and B per 1 gallon of clean water = 50 ppm
5. The solution will go from clear to amber.	100 drops = 4ml of each A and B per 1 gal of clean water = 100 ppm
6. Fill the jug with 1 gallon of clean water. If using 32oz divide drops by 4	200 drops = 8ml each of A and B per 1 gal of clean water = 200 ppm
7. Put the lid on your container and shake or stir it and apply!	500 drops=20ml=4 tsp of A and B per 1 gal of clean water = 500 ppm

[The EPA states ClO2 can be used for the following.](#) For: For a full list of uses go to - CleanSolutions.Tech - USES

0-5 ppm	Food spray or dip with no-rinse required, Fruits and Vegetables, Eggs, RV and Marine water storage tanks and lines continuous treatment to prevent biofilm growth. Livestock water, Safe potable water treatment for camping/preppers**
10 ppm	Non-porous food contact food surfaces, Packaged grocery items, Toys, CPAP machines**
20-49 ppm	Fogging/Vapor to deodorize, Room biocide for residential, Laundry, Kitchens, Bathrooms, Odor control systems, Electronics**
50-99 ppm	Hand biocide, Bug bites, Animal baths, Meat processing, Commercial Fogging, Odor and slime control, Dairies and Bottling. Used as INITIAL shock treatment for water lines and tanks to Control Slime, Algae, Sludge, and Biofilms**
100 ppm	Horticulture, Agriculture and Greenhouse Applications, Medical, Laboratories, Hospitals, Commercial and Industrial, Carpets, Hard surfaces, Mushroom growing facilities (food contact)**
200 ppm	Food Handling/Storage establishments facilities and equipment, hospital grade room fogging**
500+ ppm	Non-Food contact, Animal confinement and enclosures, litter boxes,, Livestock enclosures, Forensic biohazard crime scenes. Mold remediation, Mushroom growing facilities (non-food contact) surface disinfection, Industrial fogging room disinfection**

PRECAUTIONARY STATEMENT: Mix in a well-ventilated area. Hazards to Humans & Domestic Animals: **CAUTION:** Harmful if swallowed. Harmful if inhaled. Avoid breathing vapor or spray. Causes moderate eye irritation. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or going to the restroom. Handlers applying chlorine dioxide in an occupational setting must wear gloves. **ENVIRONMENTAL HAZARDS:** Do not contaminate water, food, or feed by means of storage or disposal. This is toxic to fish and aquatic invertebrates, oysters and shrimp. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless in accordance with the requirements of a NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your state water board or regional office of the EPA. **FIRST AID: IF INHALED:** Move person to fresh air. If a person is not breathing, call 911 or an ambulance, then give artificial respiration. Call a poison control center **For 24 hour emergency information on this product, call NPIC at 1-800-858-7378** - Have this product container or label with you when calling poison control or doctor or going for treatment.) Seller expressly warrants that the product conforms to its chemical description. or doctor for further treatment advice. **IF IN EYES:** Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lens, if present, after the first 5 minutes, then continue rinsing the eye. Call a poison control center or doctor for treatment advice. **IF SWALLOWED** Call poison control or a doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. To the extent consistent with applicable law, seller makes no other warranties, either express or implied, including but not limited to the warranties of merchantability or fitness for a particular purpose or use that extends beyond the statements made on this label. **These statements have not been evaluated by the FDA. This product is not intended to diagnose, treat, cure or prevent any disease. Internal Tracking #:167296. Chlorine dioxide (ClO2) EPA Registry CAS Number:10049-04-4 - CleanSolutions.tech - Mind Science Labs LLC P.O. Box 8 Dixon, NM, 87527

ppm mixing ratios

[PDF MIXING INSTRUCTIONS](#)

[US EPA - \(RED DOC\) for Chlorine dioxide \(APPROVED USES\)](#)

ACTIVE INGREDIENT

Sodium Chlorite (NaClO₂) EPA CAS Reg No. 7758-19-2 [US EPA](#)

[Safety Datasheet \(SODIUM CHLORITE\)](#)

ACTIVE INGREDIENT

Hydrochloric Acid (HCl) EPA CAS Reg No. 7647-01-0 [US EPA Safety Datasheet \(HYDROCHLORIC ACID\)](#)

ACTIVE INGREDIENT

Chlorine dioxide (ClO₂) EPA CAS Reg No. 10049-04-4 [US EPA Safety Datasheet \(CHLORITE DIOXIDE\)](#)

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do NOT discharge emuent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to sewage discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage company ... Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS - Strong oxidizing agent: Mix only with water. Use clean dry utensils and packaging designed for Sodium Chlorate. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction resulting in fire and/or explosion. Contamination with organics, combustible materials, reducing agents, ammonia, oils, solvents, lint, powdered metal, may start a chemical reaction and ignite causing explosion.

FIRE HAZARDS* Chlorine Dioxide is EXPLOSIVE at concentrations over 10% and can be ignited by almost any form of ENERGY, including SUNLIGHT, HEAT or SPARKS. * Use water only. DO NOT USE CHEMICAL or CO₂ extinguishers. Use water with caution as Chlorine Dioxide reacts with water to form Hydrogen Chloride gas.

DIRECTIONS FOR USE. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL - Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Sodium Chlorate should be stored in tightly closed container when not in use. Product must be stored in approved packaging in a dry cool location and away from all heat sources as well as away from all possible incompatible contaminants that may initiate a decomposition reaction.

PESTICIDE DISPOSAL - Wastes resulting from the use of this product may be disposed on-site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mix or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instruction, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.