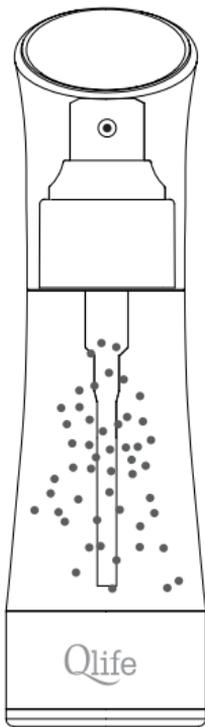




ION CLEAN Portable HOCl Sanitizer Generator



INSTRUCTION MANUAL



READ THIS MANUAL CAREFULLY BEFORE OPERATING THE DEVICE.

HOCI INTRODUCTION

What is Hypochlorous Acid

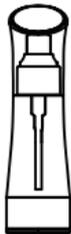
Hypochlorous acid (HClO or HOCl) is nature's oldest disinfectant. In fact all humans produce this disinfectant naturally in our white blood cells to fight off infection. It is also the active ingredient in electrolyzed water, used in industrial technology for green cleaning and sanitizing. When salt water is electrolyzed, it will generate a solution that consists of > 99.3% water, chloride salt and Hypochlorous Acid (HOCl). Electrolyzed Disinfectant water is created when electricity is used to change the chemical structure of salt, water & vinegar (optional), making a green cleaner as effective as bleach, but without the dangerous chemicals, fumes or residues.

Applications of HOCl?

- Sterilization: Removes 99.9% of Germs on contact.
- Deodorization: Spray where bad smells and it will reduce the bad odors.
- Cleaning & Washing: Use HOCl to clean stains & stubborn dirt off objects.
- Pesticide Removal: HOCl can be used to neutralize

WHATS IN THE BOX

Ion Clean
HOCl Sanitizer



Vinegar Dropper
(Optional)



Salt Spoons



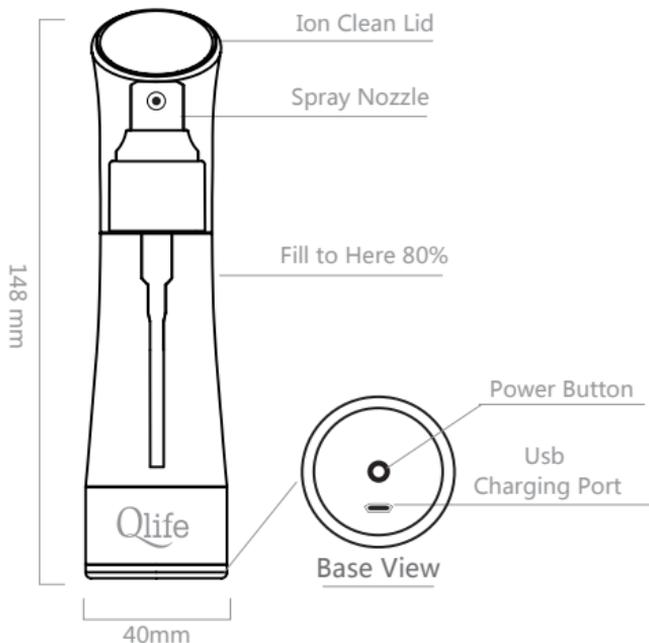
USB Charging
Cable



User Manual



PARTS & DESCRIPTION



Light Indicator

HOCl Generation Activated

- 1) Blue Light is On - Sanitizing water is being generated.
- 2) Blue light is Off - Sanitizing water is ready to use

Charging state:

- 1) Red light on - device is charging.
- 2) Green Light is On - device is fully charged

SPECIFICATIONS

Model:	HOCI-2008
Product Name	ION Clean Portable HOCl sanitizer
Color	Sky Blue / Peach Pink
Dimensions	148mm x 40mm (Height x Diameter)
Capacity	50ml (1.7Oz)
Production Time (Per Cycle)	3 Minutes
Operating Cycles (Full Charge)	Up to 10 Cycles
Charging Time	1 - 1.5 Hours
Power Specs	DC5V 1A USB
Battery Capacity	250mAh Polymer Lithium Ion Battery
Materials	Nozzle:PP Flask: PMMA & ABS

How to Use

Before Each Use: Rinse out any residual Salt, Water, Vinegar (optional) solution with filtered or tap water.

1.) Remove the spray lid and fill the bottle to 80% full of water.



2.) With the spoon provided and put 2 spoons of table salt



3.) With the dropper provided, add 2 drops of white vinegar (optional) into the solution.



4.) Tighten the lid back onto the Ion Clean and Shake the solution about 10 seconds until the salt has completely dissolved in the water.



5.) Press the power button to start generation HOCl sanitizing water. A blue LED will light up on the base to show that HOCl generation has begun.



6.) After 3 minutes, the blue light on the bottom should be deactivated to show the process is complete.



7.) Tighten the nozzle and now start using your Ion Clean to sanitize and clean. After spraying, let it sit at least 5 seconds then use a clean cloth or tissue to wipe it off.



Note: When the device is not being used for longer periods of time. Dump out the solution and rinse the flask out completely with clean water.

CLEANING AND MAINTENANCE

Every 3 months using citric acid solution or distilled vinegar perform a deep clean of the electrodes on the Ion Clean Portable HOCl Sanitizer. Cleaning the electrode plates help preserve and descale any build up in calcium caused from the electrolysis process and ensures that the device is working efficiently.

Citric Acid & Distilled Vinegar Method

- 1.) First get a fill the Ion clean with warm water
- 2.) Add a small pinch of citric acid into the water and let it dissolve
- 3.) Then tighten the nozzle and shake for about 5 seconds.
- 4.) Let the Citric acid solution sit in the ion clean for about 1-2 hours. Then pour it out and rinse it thoroughly.

Distilled Vinegar Method

- 1.) Fill the Ion Clean with about 30ml of Distilled White Vinegar
- 2.) Let the unit sit for about 1-2 hours. The longer the better for remove scale.
- 3.) Then rinse and clean out any residual vinegar that may be in the device.

*Caution: Do not turn on the power for the Ion Clean will cleaning the plates of the Ion Clean Portable Sanitizer.

FREQUENTLY ASKED QUESTIONS

1.) What does Ion Clean Portable HOCl Sanitizer smell like?

Ion Clean has no added fragrances and has a light swimming pool-like scent that dissipates quickly. Hypochlorous acid (HOCl) is a member of the chlorine family, but it's very different than bleach (sodium hypochlorite) because it's non-toxic. You might be surprised to know that your white blood cells produce hypochlorous acid to keep you healthy, and that it's commonly used in wound care products. Here is some more info on how hypochlorous acid differs from bleach.

2.) Can I add my own essential oils or fragrance oils?

Do not add any fragrances or oils to the Ion Clean Portable HOCl Sanitizer because it will interfere with the effectiveness & chemistry of the sanitizing solution.

3.) Can I use it if I have hard water or well water?

Yes but with hard water or well water, you'd need to use softened or de-ionized water. The reason is that the mineral ions in hard water essentially "steal" units of electrical energy from the sodium and chloride ions, thus interfering with the chemistry. This means that the solution will have decreased efficacy.

4.) Can I use it on rugs, fabric & leather?

Yes. To be super safe we recommend 1st testing in an inconspicuous spot to confirm the material is colorfast. The reason is that there is huge variation in the type of dyes, fibers, and processes used to make something colorfast. And don't use Ion Clean on fabrics labeled "Use only non-chlorine bleach", since hypochlorous acid is a type of chlorine.

5.) Will it whiten like bleach?

No, the Ion clean does not contain any whiteners like bleach or titanium dioxide. So it doesn't remove rust or hard water stains.

SAFETY PRECAUTIONS

To avoid any possible harm to your body or damage property, please pay attention to the following precautions:

- 1.) Do not touch the power plug with wet hands to avoid electric shock.
- 2.) Do not submerge the unit completely in water to prevent damaging the device
- 3.) Do not connect the Ion Clean to the plug for charging when cleaning with vinegar or citric acid solution.
- 4.) When generating HOCl or Sodium Hypochlorite water keep the Ion clean away from direct sunlight, and out of Children's reach. Long exposure to direct sunlight may decrease the effectiveness of the sanitizing solution.
- 5.) Sodium Hypochlorite (No Vinegar) can have oxidation reactions on metals. When spraying directly on metal containers for sterilization, please wipe the metal surface with a cleaning cloth, tissue, and dry immediately.
- 6.) Do not drink the cleaning solution & keep out of reach of children.
- 7.) Do not use Ion Clean on non stone sealed surfaces. If the stone is sealed make sure to wipe it off with a towel or washcloth and dry immediately.
- 8.) Do not use Ion Clean on fabrics labeled "Use only non-chlorine bleach" since hypochlorous acid is a type of chlorine. Use with caution on colorful or darker fabrics.
- 9.) Do not use Ion Clean sanitizer solution on silk or leather materials.
- 10.) When the device is not being used for longer periods of time. Dump out the solution and rinse the flask out completely with clean water.

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