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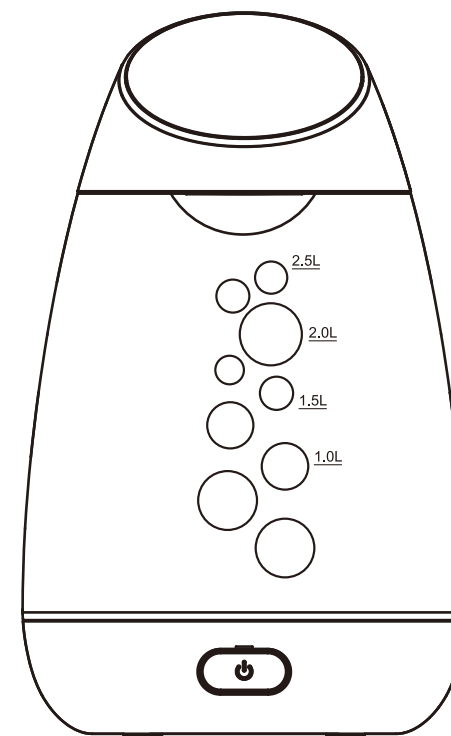


BOOK MARK US



DISINFECTANT WATER GENERATOR

User Manual



Please read this user guide carefully, and pay special attention to the safety instructions.
Please keep this guide for future reference.

**WARNING! DON'T DRINK THE DISINFECTANT WATER!
PLEASE FOLLOW UP THE INSTRUCTION FOR PROPER USE!**

Capacity **2.5 L**

Before you install and use this machine, we recommend you to read this user guide and accept our advice. It can make your installation eligible and normative, and help you have a fair use and maintain of this machine for it to achieve maximum efficiency.

If you have any concerns during the usage of this product, please read this instruction carefully. Your advice and suggestion on our product and service will be most valuable.

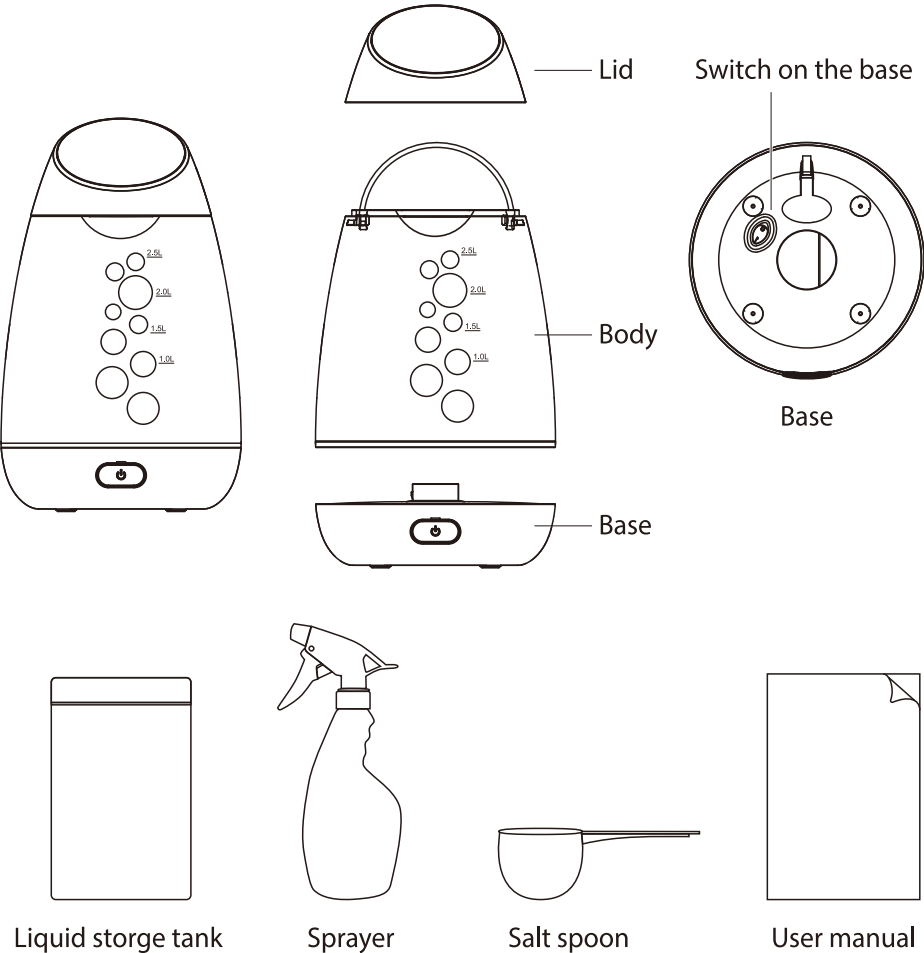
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Tips:
1) Due to the upgrade of the product, some words or pictures on the user guide might be different from the real product. The real object should be considered as final.
2) All of the contents have been checked carefully. If there's any print error or misunderstanding of the contents, the company reserves the right of final interpretation.

The disinfectant water generator is uses normal Saline water as raw material. It can produce efficient, broad-spectrum, and poison-free sodium hypochlorite solution in a fast and convenient way. It can conduct effective disinfection in multiple aspects such as clothing, food, living, daily usage, and human body. It's safe, environmental-friendly, non-toxic, and has no side effects. It's economical and best solution for your health.



Component details



Important

1. The product will only work after the switch of the base is turned on when connected to power. When it's working, please don't touch the water inside the product to avoid electric shock.
 2. After finishing making the sterilizing liquid, unplug in time and pour the solution in the electrolytic cell into the liquid storage tank. Use up the remaining liquid as soon as possible. After that, please clean up the electrolytic cell with clean water and dry out to extend the working life of the generator.
 3. In order to extend the working life of the generator, avoid leaving saline water into the product for a long time without working. Also avoid storing the Sodium Hypochlorite solution produced after electrolysis in the electrolytic tank for a long period.
 4. If there's remaining solution in the liquid storage tank, please close the lid tightly and put it in a place shielded from light where cannot be reached by children. The tank should be labeled with the name of the liquid (Sodium Hypochlorite solution) and the start time of storage. Under normal condition, after stored for two weeks, the effective chlorine content will drop down.
 5. Do not drink the solution in electrolytic tank and storage tank. Each time after using, make sure there's no remaining solution in the electrolytic tank in order to prevent children from reaching and shortening the working life of the generator.
 6. Sodium Hypochlorite solution will oxidize metals. Therefore metal containers cannot be used to store the sterilizing solution. If you're sterilizing the metal containers, clean it with water right after the sterilization and wipe it immediately.
 7. Sodium Hypochlorite solution will bleach fabrics, use carefully on colored or dark colored clothes. Silk and leather cannot be soaked with it.
 8. The effective chlorine is around 600mg/L $\pm 20\%$, for every single round generating.
 9. If high concentration solution is needed, keep the solution in the electrolytic tank after the first round of electrolysis, and then press the power button to make the generator work again. After the second round, the effective chlorine content will be 1200mg/L $\pm 20\%$.
 10. During working, It is forbidden to take the bucket and then put it on.
 11. the circuit is equipped with over current protection, there have automatically protect when too much salt.
 12. Working up to 2 times in a row ,several times working circuits will be protected, and the time should be more than 10 minutes when working again
 13. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision .
 14. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent
 15. or similarly qualified persons in order to avoid a hazard.
- The appliance is only to be used with the power supply unit provided with the appliance.

Instructions on Mode Indicator

1. If the mode indicator turns red, that means the generator is connected to power but it hasn't started to work. It's waiting for further instructions.
2. This time if press "  " once, a "beep" sound will be heard, and the indicator will turn green. At the same time, the body will display a gradual change of rainbow colors to indicate that the product is working.
3. While it's working, if press "  " once, the product will make a "beep" sound, the rainbow colors will go out. The indicator on the base will turn red, and the product will be put into standby.
4. If the indicator flashes green, and a "beep" "beep" sound is heard, the product is under overload operation. This time unplug the product, check the connecting pole on the base; or check if there's any dirt in the body part; after confirming it's in normal condition, pour away the saline water, repeat the preparation process of the solution.

Usage

1. Check and confirm that there's no foreign matters in the electrolytic tank and liquid storage tank.
2. Take a spoonful of salt with the salt spoon provided (could be 1mm lower than the spoon edge, but no higher than the edge, about 30g).
3. Add about 500ml of water in the liquid storage tank. Shake the tank until the salt is completely dissolved in the water.
4. Add all of the saline solution in the storage tank into the body of the product, and then add 500ml more water. Close the lid.
5. Connect the body part with the base, make sure it's in place and the connector has good contact.
6. Plug the product in (if the power switch on the base is not turned on, please turn it on). At this time, a beep sound is heard, and the indicator turns red.
7. Press the " "button, a beep sound is heard, the indicator turns green. At the same time, the indicator inside the electrolytic tank flashes rainbow colors. Set time for 10 minutes. Gush is seen in the electrolytic tank, indicating the product is working properly.
8. When the work is done, the rainbow-colored indicator goes off, and the indicator on the base turns red. Sterilizing solution has been produced.
9. Unplug the product, disconnect the body and the base, and add the solution into the liquid storage tank.
10. Prepare the remaining solution referring to this user guide and use it up as soon as possible.
11. After pouring away the solution in the tank, clean with water and dry out.
12. The volume of the sprayer can adjusted, clockwise direction is to reduce, and anticlockwise direction is to increase the volume.

Performance Index

Product name	DISINFECTANT WATER GENERATOR
Rated Voltage -Frequency	AC 110V-60Hz
Rate power	23W
Net weight	1.3kg
Capacity	2.5L
Product size	7.4x7.4x12.1 inch
Disinfectant Water Element	Sodium Hypochlorite

Maintenance

1. Each time after the work is done, pour away the solution in the tank in time, clean the electrolytic tank with water and dry out in a ventilated area to extend the working life of the generator.
2. When noticing a significant decrease of the amount of bubbles seen when the electrolytic tank at work, there could be dirt on the electrode. Clean the tank. Add vinegar or citric acid and leave for 12 hours. Shake for 2 minutes before pouring away. Clean with water, and dry out in a ventilated area.

Usages of Sodium Hypochlorite Disinfectant

The sterilizing solution generated by the product is Sodium Hypochlorite. It has a wide usage. The examples presented here are only part of it. Sodium Hypochlorite is a kind of well-recognized high-performance, broad-spectrum disinfectant. It's been widely used for a long time. It can kill various kinds of germs and virus; it can effectively prevent hepatitis, flu, etc. Moreover, it can degrade multiple kinds of harmful chemical substances. For example, it can effectively degrade the pesticides remaining on vegetables and fruits. It can kill many kinds of harmful microbes such as the molds which could produce aflatoxin. Besides these, it also has a strong function of cleaning, bleaching, dirt-removing, and deodorization. Therefore, Sodium Hypochlorite is not only used in households, but also widely used for sterilization, disinfection, algae-removing, and deodorization, etc.

Skin care

Disinfection of Body Surface

Concentration: 50-280mg/L

Preparation: dilute the solution by 12-2.1 times

Usage: soak, rinse, or wipe body for 10 minutes. When skin is contaminated use high concentration for 30 minutes.

Frequency: once a day

Side effects: none

Results of usage: significant effect

Disinfection of Body Surface

Concentration: 50-280mg/L

Preparation: dilute the solution by 12-2.1 times

Usage: soak, rinse, or wipe body for 10 minutes. When skin is contaminated use high concentration for 30 minutes.

Frequency: once a day

Side effects: none

Results of usage: significant effect (If there's itching and heat rash due to heavy sweat or oily skin, soak, rinse, or wipe your body can disinfect effectively).

Disinfect Acnes

Concentration: 280-500mg/L (Depending on individuals)

Preparations: dilute the solution by 2.1-1.2 times

Usage: wipe, apply, wet dress for 10-30 minutes. Rinse off with clean water. Pay attention to cleaning and usage of sunscreen. Frequency: twice or more a day

Side effects: None

Results of Usage: disinfect effectively

Concentration: 500-1200mg/L
Preparation: dilute the solution by 1.2 times - Electrolyze the solution two times
Usage: Apply on skin
Frequency: Several Times
Side Effects: None
Results of Usage: Disinfects effectively

Disinfection of Herpes

Concentration: 500-1200mg/L
Preparation: dilute the solution by 1.2 times - Electrolyze the solution two times
Usage: Apply on skin
Frequency: Three or more times a day. Apply on skin using a Q-tip. Apply for the second time only after it dries.
Side Effects: None
Results of Usage: Disinfects effectively.

Disinfection of Vegetables and Fruits

Disinfection of Fruits, Degradation of Pesticide, Cleaning, and keeping fresh

Concentration: 100-200mg/L
Preparation: dilute the solution by 6-3 times.
Usage: Clean first, and then soak for 10 minutes. Wash with clean water before eating.
Side Effects: None
Results of Usage: Disinfects effectively. Degrades pesticides effectively. Has a significant effect on keeping food fresh.

Disinfection of Vegetables, Degradation of Pesticide, Cleaning, and keeping fresh

Concentration: 100-200mg/L
Preparation: dilute the solution by 6-3 times.
Usage: Clean first, and then soak for 10 minutes. Wash with clean water before eating.
Side Effects: None
Results of Usage: Disinfects effectively. Degrades pesticides effectively. Has a significant effect on keeping food fresh.

Disinfection of Seafood and Meat

Disinfection and Odor Removing of Intestines

Concentration: 280-500mg/L
Preparation: dilute the solution by 2.1-1.2 times.
Usage: Clean first, and then soak for 15 minutes. Then wash with clean water.
Side Effects: None
Results of Usage: Disinfects effectively. Degrades pesticides effectively. Has a significant effect on keeping food fresh.

Disinfection of Seafood

Concentration: 150-200mg/L
Preparation: dilute the solution by 4-3 times.
Usage: Clean first, and then soak for 10-20 minutes. Then wash with clean water.
Side Effects: None
Results of Usage: Disinfects effectively. Degrades pesticides effectively. Has a significant effect on keeping food fresh.

Disinfection of Meat (Pork, Lamb, Beef, Chicken, Duck, Goose, etc.)

Concentration: 150-200mg/L
Preparation: dilute the solution by 4-3 times.
Usage: Clean first, and then soak for 10-20 minutes. Then wash with clean water.
Side Effects: None
Results of Usage: Disinfects effectively. Degrades pesticides effectively. Has a significant effect on keeping food fresh.

Disinfection of Furniture

Normal Disinfection of Object Surfaces

Concentration: 150-200mg/L
Preparation: Dilute the solution by 4-3 times
Usage: Clean first, and then wipe, soak, or wash the surfaces of the objects. Leave it for 30 minutes.
Side Effects: None
Results of Usage: Disinfects and removes odor effectively

Normal Disinfection of Object that Cannot be Cleaned At First

Concentration: 400-500mg/L
Preparation: Dilute the solution by 1.2 times
Usage: Wipe, soak, wash, or spray on the surfaces of the objects. Stop spraying when it gets damp. Leave it for 30 minutes.
Side Effects: None
Results of Usage: Disinfects and removes odor effectively

Cleaning and Disinfection of Floor

Concentration: 100-500mg/L
Preparation: Dilute the solution by 6-1.2 times depending on the dirtiness of the floor
Usage: Wipe. Leave it for 30 minutes.
Side Effects: None
Results of Usage: Disinfects and removes dirt effectively

Disinfection of Ceramic Tile

Concentration: 100-500mg/L
Preparation: Dilute the solution by 6-1.2 times depending on the dirtiness of the tiles
Usage: Wipe and spray. Stop spraying when there's enough solution on the surface. Leave it for 30 minutes.
Side Effects: None
Results of Usage: Disinfects, removes dirt and odor effectively

Removing Body Odor and Beriberi

Prevention and Disinfection of Body Odor

Concentration: 500-1200mg/L (depending on individuals).

Preparation: dilute the solution by 1.2 times - electrolyze the solution twice

Usage: wipe, apply, and wet dress for 10-30 minutes. Rinse off with clean water.

Frequency: Twice or more a day

Side Effects: None

Results of Usage: Significant effect

Prevention and Disinfection of Beriberi

Concentration: 280-500mg/L depending on individuals

Preparations: dilute the solution by 2.1-1.2 times

Usage: soak for 10-20 minutes (Preferably with warm water. The temperature should be as high as possible as long as it doesn't burn your feet).

Frequency: twice or more a day; soak slippers and socks with the solution of the same concentration. Spray the solution into your shoes and leave it to dry. Two weeks are considered as one period of treatment.

Side Effects: None

Results of Usage: Significant Effects. Kills bacteria effectively.

Prevention and disinfection of pruritus vulvae

Concentration: 280-500mg/L depending on individuals)

Preparation: dilute the solution by 2.1-1.2 times

Usage: Spray, apply, or soak for 30 minutes. (A higher concentration is needed for spray and apply; a lower concentration is needed for soak. Concentration can be gradually increased if no allergic reaction. Warm water can be used, the temperature depends on individuals)

Frequency: Once or more a day. At the same time, soak underwear in solution of the same concentration for 30 minutes. Clean with water and leave it to dry.

Side Effects: None

Results of Usage: Prevents and disinfects effectively.

Prevention and Disinfection of Genital Rash

Concentration: 200-500mg/L, depending on individuals

Preparation: dilute the solution by 3-1.2 times

Usage: spray, apply, or soak for 30 minutes (A higher concentration is needed for spray and apply; a lower concentration is needed for soak. Concentration can be gradually increased if no allergic reaction. Warm water can be used. The temperature depends on individuals).

Frequency: Once or more a day. At the same time, soak underwear in solution of the same concentration for 30 minutes. Clean with water and leave it to dry

Side Effects: None

Results of Usage: Prevents and disinfects effectively.

Relief of itching and Prevention of wounds

Prevention and Disinfection of itching

Concentration: 280-1200mg/L, depending on individuals

Preparation: dilute the solution by 2.1 times - electrolyze the solution for two times

Usage: spray, apply, or soak for 30 minutes (A higher concentration is needed for spray and apply; a lower concentration is needed for soak. Concentration can be gradually increased if no allergic reaction. Warm water can be used. The temperature depends on individuals)

Frequency: Once or more a day. At the same time, soak the clothing that exposes to itchy skin in solution of the same concentration for 30 minutes. Clean with water and leave it to dry.

Side Effects: None

Results of Usage: Disinfects effectively.

Disinfection of Onychomycosis or Paronychia

Concentration: 200-500mg/L, depending on individuals

Preparation: dilute the solution by 3-1.2 times

Usage: Soak for 10-30 minutes (Preferably warm water. The temperature should be as high as possible as long as it doesn't burn your skin)

.Frequency: Twice or more a day. Two weeks are considered as a period of treatment.

Side Effects: None

Results of Usage: Prevents and disinfects effectively

Disinfection of Small Cuts

Concentration: 200-500mg/L, depending on individuals

Preparation: dilute the solution by 3-1.2 times

Usage: spray, apply, or soak. (A concentration of ≤ 250 mg/L is needed for soaking and cleaning. Warm water can be used. The temperature depends on individuals).

Frequency: Three times or more a day. If it's your first time of using, the cut should be cleaned by low concentration solution, then apply on high concentration solution. Be careful to protect the cuts from contamination or re-injury

Side Effects: A slight tingling may occur at the start of disinfection. Diminishes gradually.

Results of Usage: Disinfects effectively

Tip: In this application, sterilizing solution could replace disinfections for external use like iodine, hydrogen peroxide or ethanol. If the cut is big, you should go to the hospital for a treatment immediately to ensure safety.

Disinfection of Herpes and Mosquito Bites

Disinfection of Mosquito Bites

Disinfection of Household Items

Disinfection of Ceramic Tile

Concentration:100-500mg/L

Preparation: Dilute the solution by 6-1.2 times depending on the dirtiness of the tiles

Usage: Wipe and spray. Stop spraying when there's enough solution on the surface. Leave it for 30 minutes.

Side Effects: None

Results of Usage: Disinfects, removes dirt and odor effectively

Disinfection of Rags and Mops

Concentration:250-300mg/L

Preparation: Dilute the solution by 2.4-2 times

Usage: Wash clean first. Soak in the solution for 30 minutes. Wash clean with water. Leave it to dry.

Side Effects: None

Results of Usage: Disinfects and removes odor effectively

Disinfection of Kitchen Utensils

Disinfection of Kitchen Floor

Concentration:280-1200mg/L

Preparation: Dilute the solution by 2.1 times -Electrolyze for two times

Usage: Spray (original solution), Wipe (500mg/L), Soak (280mg/L). Leave it for 30 minutes. Wash clean with water after disinfection

Side Effects: None

Results of Usage: Disinfects and removes odor effectively. Yellowish plastic utensils and the dirt between cracks can be cleaned after soaking in high-concentration solution.

Disinfection of Tableware, Tea Sets, and Cooking Utensils

Concentration:250-300mg/L

Preparation: Dilute the solution by 2.4-2 times

Usage: Soak to disinfect after cleaning. Leave it for 10 minutes. Then clean the remaining solution with water.

Side Effects: None

Results of Usage: Disinfects effectively.

Disinfection of Cooking Bench, Sink, and Floor

Concentration:250-300mg/L

Preparation: Dilute the solution by 2.4-2 times

Usage: Spray and wipe. Leave it for 10 minutes. Then clean the remaining solution with water.

Side Effects: None

Results of Usage: Disinfects and removes odor effectively.

Disinfection of Public Appliances

Disinfection of Telephone, Desk, Chair, and Sofa

Concentration: 150-200mg/L

Preparation: Dilute the solution by 4-3 times.

Usage: Clean first. Then wipe using solution to disinfect. Leave it for 10 minutes. Wipe again with clean water.

Side Effects: None

Results of Usage: Disinfects and removes odor effectively

Disinfection of Water Dispenser

Concentration: 150-200mg/L

Preparation: Dilute the solution by 4-3 times.

Usage: Clean first. Then wipe, soak, or wash using solution to disinfect. Leave it for 30 minutes. Wash again with drinking water till there's no remaining solution.

Side Effects: None

Results of Usage: Disinfects and removes odor effectively.

Disinfection of Floor Drain and Toilet

Concentration:280-500mg/L

Preparation: Dilute the solution by 2.1-1.2 times.

Usage: Wash or fill

Side Effects: None

Results of Usage: Disinfects and removes odor effectively. Prevents mosquitos, flies and cockroaches

Disinfection of Fabrics and Air

Disinfection of Fabrics

Concentration:250-300mg/L

Preparation: Dilute the solution by 2.4-2 times

Usage: Soak the fabric until it's completely immersed in the solution. Leave it for 20 minutes. Wash with clean water until there's no remaining solution

Side Effects: None

Results of Usage: Disinfects, bleaches, and removes odor effectively

Tip: This solution bleaches fabrics. Apply carefully on colored fabrics. For those who have itchy skin and pruritus vulvae, disinfect underwear on a daily basis. For those who have dermatophytosis, disinfect socks and shoes on a daily basis.

Disinfection of Air

Concentration:5-10mg/L

Preparation: Dilute the solution by 60 times.

Usage: Spray. Use 10-20mg per millimeter

Side Effects: None

Results of Usage: Disinfects and removes odor effectively.

Disinfection of Pets and Fowlery

Disinfection of Cowshed Before and After Milking

Concentration:250-300mg/L

Preparation: Dilute the solution by 2.4-2 times.

Usage: Spray and apply, Leave it for 30 minutes. Wipe usina clean cloth before milking

Side Effects: None

Results of Usage: Disinfects effectively. Prevents milk from infection. Prevents mastitis.

Disinfection of Pets and Other Animals

Concentration:250-300mg/L

Preparation: Dilute the solution by 2.4-2 times.

Usage: Wash, wipe, or spray. Spray until damp. Leave it for 30 minutes. Clean with water. Leave it to dry.

Side Effects: None

Results of Usage: Disinfects effectively. Prevents infectious diseases. Relives itching. Removes odor.

Tip: At the beginning of disinfection, pets will probably not be used to the smell of the solution. Low concentration solution can be used at first and increase the concentration fter the pets get used to the smell.

Disinfection of Fowlery

Concentration:280-1200mg/L

Preparation: Dilute the solution by 2.1 times - Electrolyze the solution for two times

Usage: Wipe, or spray with the original solution. Dilute the solution by 2.5 times for washing. Leave it for 30 minutes.

Side Effects: None

Results of Usage: Disinfects effectively. Prevents bird flu, swine flu, and BSE. Removes odor.

For IEC:

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard

For EN:

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

Safety Instructions

To avoid potential damage to yourself, others, and properties, please read the following instructions carefully.

Safety Instructions is an instructive document of correct using of this product. Users should strictly follow the instructions in this Safety Instructions for operating, checking and maintenance of this product.

- When this product is not working properly, please cut the power off immediately.
- Do not pull the power cord while storing or moving the product. Otherwise it might cause
- Do not use over-rating power supply, universal power adapter or connecting device. Usage of over-rating power supply, universal power adapter or connecting device might cause overheat of the cord, which might cause fire.
- To avoid electric shock, do not touch the plug with wet hands.
- If there's remaining solution in the liquid storage tank, please close the lid tightly and put it in a place shielded from light where cannot be reached by children.
- Sodium Hypochlorite solution will oxidize metals. Therefore metal containers cannot be used to store the sterilizing solution. If you're sterilizing the metal containers clean it with water right after the sterilization and wipe it clean immediately.
- **Do not drink the sterilizing solution.**
- Sodium Hypochlorite solution will bleach fabrics, use carefully on colored or darkcolored clothes. Silk and leather cannot be soaked in it.
- After the product is connected to power, please do not touch the water inside the product to avoid electric shock
- After finishing making the sterilizing liquid, unplug in time and pour the solution in the electrolytic cell into the liquid storage tank. Use up the remaining liquid as soon as possible. After that, please clean up the electrolytic cell with clean water and dry out to extend the working life of the generator.
- In order to extend the working life of the generator, avoid leaving saltine water into the product for a long time without working. Also avoid storing the Sodium Hypochlorite solution produced after electrolysis in the electrolytic tank for a long period.
- Disinfectors that contain chlorine shall not be use with other disinfectors or cleaning products. Mixture of 84 disinfectant and toilet detergent produces toxic gas, which can stimulate throat, respiratory tract and lung and cause poisoning.
- Always keep the disinfectors somewhere out of children's reach and with good ventilation. Avoid heat sources and sunlight.
- The Company will not be held liable for any errors, damage, or other unexpected events resulting from failing to follow the instruction above.