



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Antimicrobials Division (7510P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

91112-2

Date of Issuance:

5/2/16

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

GenEon Mineral Electrolyte

Name and Address of Registrant (include ZIP Code):

GenEon Technologies
 16026 University Oak
 San Antonio, TX 78249

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Through this registration notice, EPA is issuing a single registration for a precursor material (sodium chloride) a generator (GenEon Trio Rx) and an output solution (hypochlorous acid). The precursor, device and output solution together comprise the registration. A technical manual that provides information on the generator device has also been reviewed by EPA and is associated by reference with this registration.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Demson Fuller, Product Manager 32
 Regulatory Management Branch II,
 Antimicrobials Division (7510P)

Date:

5/2/16

2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 91112-2.”
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 03/17/2016

If you have any questions, please contact Wanda Henson by phone at (703) 308-6345, or via email at henson.wanda@epa.gov

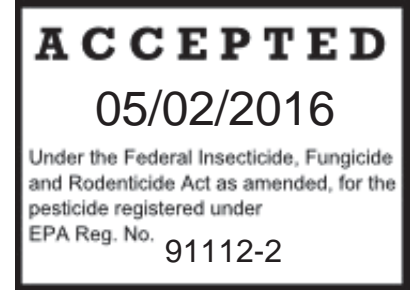
Sincerely,



Demson Fuller, Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure

GenEon™ Mineral Electrolyte
For Use with GenEon TrioRx



Active Ingredients:

Active Ingredients:	
Sodium Chloride.....	25.88%
Other Ingredients.....	74.12%
Total Ingredients.....	100.0%

Generates 1,100 ppm Total Available Chlorine.

KEEP OUT OF REACH OF CHILDREN
CAUTION
See Back Label for Precautionary Statements

Reg. No. 91112-E

Est. No xxxxx-xx- xxx

Manufactured by:
GenEon Technologies
16026 University Oak
San Antonio, TX 78249

For Use Only with GenEon TrioRx. Always use a GenEon approved spray bottle and label to identify product in use.

Date of Production: _____

Net Contents: 2.4 fl. oz. ((3.0 wt. oz.) (71ml)), 0.5 Gallon, 1 Gallon, 5 Gallon, 15 Gallon and 45 Gallon

GENEON™ ELECTROLYTE PACKET

DIRECTIONS FOR USE OF GENEON ELECTROLYTE PACKET (TO GENERATE HYPOCHLOROUS ACID SOLUTION)

It is a violation of Federal law to use this product in a manner inconsistent with its labeling:

Users must follow all the directions for use that are listed in the GenEon TrioRx manual.

Note: The Electrolyte packs is for single use

The GenEon TrioRx is designed to use electricity, potable tap water and GenEon Electrolyte to create HOCl (hypochlorous acid) solution. This conversion is accomplished by using a process call electrochemical activation that employs the use of an electrolytic cell. During normal operation, GenEon™ TrioRx will make solution per demand and only require operators input when making solution or replenishing the brine tank.

1. Add a 2.4 fluid oz. (71 ml) (84 grams or 3.0 wt. oz.) packet of GenEon™ Electrolyte to container and immediately add water and agitate for a total of 2 liters. (Only Use GenEon Certified Electrolyte when making Disinfecting Solution)
2. Close lid.
3. Engage on button

This process generates a Hypochlorous acid solution of 1,100 ppm Total Available.

Label for Hypochlorous acid solution produced from a GenEon Electrolyte packet and equipment is included with this label. Users must refer to the directions for use of Hypochlorous acid solution for hard, non-porous surface disinfection

PRECAUTIONARY STATEMENTS

Physical or Chemical Hazards:

GenEon™ Mineral Electrolyte is not compatible with other chemicals such as acids and hydrogen peroxide.

Hazards to Humans and Domestic Animals

CAUTION

Causes moderate eye irritation. Avoid contact with eyes. When handling the product, wear safety glasses or goggles. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

FIRST AID

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center, doctor or going for treatment. You may also contact the National Pesticide Information Center (NPIC) 1-800-858-7378 for emergency medical treatment information.

If in eyes

- Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

Hypochlorous Acid Solution

1,100 ppm Total Available Chlorine.

**One-step disinfectant for hard, non-porous surfaces
Environmental and non-critical care equipment surfaces**

Kills bacteria

Cleans and Deodorizes

**See label, booklet and manual for Electrolyte for GenEon for more
information.**

DIRECTIONS FOR USE OF HYPOCHLOROUS ACID SOLUTION

**It is a violation of Federal Law to use this product in a manner inconsistent with
its labeling**

Hard, Non-Porous Surface Disinfection using Geneon Final Solution

To Clean and Disinfect and Deodorize Hard, Non-Porous Surface: Clean surface. Apply GenEon disinfecting solution to hard non-porous surface, with cloth, wipe, mop or sprayer. Allow surface to remain wet for 10 minutes. Wipe surface with clean cloth or towel or let air dry.

Solution(s) are effective for up to 24 hours from production date. After 24 hours discard and refill bottle with fresh solution. Always use a GenEon approved spray bottle and label to identify product in use.

Solution can be used immediately upon production, or stored for up to 24 hours in cool dark area in a closed GenEon approved sealed container. Once container is open, solution must be used immediately, unused solution must be discarded.

GenEon Disinfectant Solution(s) are intended for use in commercial, institutional, healthcare, dental office, veterinarian and hospitality housekeeping. It cleans and disinfects and kills in one step.

The GenEon is designed to use electricity, potable tap water and GenEon Electrolyte from a brine to make an antimicrobial HOCl (hypochlorous acid) solution. This conversion is accomplished by using a process called electrochemical activation that employs the use of an electrolytic cell. During normal operation, GenEon On-Site

Generating systems will make solution per demand and only require operators input when making solution or replenishing the brine tank.

The GenEon TrioRx are designed for use in:

- Commercial buildings routine cleaning and disinfecting of hard non-porous surfaces and floors
- Daycares, Pre-Schools, Schools, universities, and other campus facilities routine daily cleaning and disinfecting of hard non-porous surfaces
- Hotel, motel, casino and other hospitality housekeeping, vehicles
- Cleaning high-touch areas and surfaces including door handles, tabletops, countertops, television, television remotes, chairs, headboards, sinks, etc.
- Cleaning and disinfecting hospitals, dentist offices, assisted living facilities, long term care facilities, nursing homes, medical clinics, military facilities, medical offices, veterinary facilities, animal research facilities, cruise ships, farms, etc.
- Restaurants non-porous non-food contact surfaces
- Cleaning and disinfecting areas in restrooms, toilets areas, sinks and sink areas, counters, exterior surfaces of urinals, floors, mirrors and other areas.

Apply solution to hard, non-porous surfaces and thoroughly wet surface. Spread solution with a microfiber, cotton, disposable paper towel, sponge, cloth or other wipes. Allow surface to remain wet for the appropriate time. Wipe surface dry if desired after the appropriate time. No rinsing necessary.

<u>Pathogen</u>	<u>Strain</u>	<u>Contact Times</u>
Pseudomonas aeruginosa	ATCC 15442	9.5 Minutes
Staphylococcus aureus	ATCC 6538	9.5 Minutes
Salmonella enterica	ATCC 10708	10 Minutes

Optional Marketing Language

- Broad Spectrum Disinfectant
- Bactericide – or Bactericidal
- Bathroom Disinfectant
- Athletic facilities cleaner and disinfectant
- Bacteria fighting
- Bactericide
- Can be used in Schools, Universities for routine cleaning and disinfecting
- Can be used in gyms for routine cleaning
- Can be used for cleaning and disinfecting
- Can used in hospitals
- Cleans and disinfects
- Cleans and disinfect Daily

- Disinfects as it cleans
- Disinfects
- Disinfectant
- Disinfects tables
- Disinfects counter-tops
- Easy to use
- Ease of use
- Easy to use and Disinfect
- Effective in the presence of 5% serum load or organic soil
- Eliminate odors and bacteria
- For use in public areas
- For use in public areas to clean and disinfect
- Fight Bacteria
- Fight(s) and/or Kills or Effective against *Pseudomonas aeruginosa* (tested against strains ATCC 15442)
- Fight(s) and/or Kills or Effective against *Staphylococcus aureus* (tested against strains ATCC 6538)
- Fight(s) and/or Kills or Effective against *Salmonella enterica* (tested against ATCC 10708)
- Fight(s) or eliminate odors
- Leaves surface clean
- Multi-Purpose Cleaner Disinfectant
- No rinsing necessary
- Nursery School Disinfectant
- One step cleaner and disinfectant
- One-Step Cleaner / Disinfectant when Disinfection directions are followed
- Pseudomonocidal (tested against strains ATCC 15442)
- Restroom cleaner and disinfectant
- Disinfectant counter-tops
- Disinfectant tables
- Staphylocidal (tested against strains ATCC 6538)
- VOC compliant

USE LOCATIONS (For use in or throughout):

- Airplanes
- Ambulances
- Assisted Living Facilities
- Bed Rails and Frames
- Blood Banks
- Boats
- Buses
- Businesses
- CAT Laboratories
- Casinos
- Colleges
- Commercial Buildings
- Convenience Stores
- Cruise Liners / Ships
- Churches
- Daycare Facilities
- Dentist (Dental) Offices
- Dentist (Dental) Chairs
- Dental Operator Rooms
- Doctor Offices
- Dormitories
- Emergency Rooms
- Facilities
- Factories
- Funeral Homes
- Gas Stations
- Government Facilities
- Grocery Stores
- Gyms
- Hotels
- Hospitals Facilities
- Healthcare Facilities
- Health Clubs Facilities
- Home care facilities
- Industrial Facilities
- Institutional Buildings
- Intensive Care Units
- Kitchens

- Laboratories
- Laundromats
- Locker Rooms
- Malls
- Manufacturing Facilities
- Manufacturing Plants
- Medical Clinics
- Military Installation and Facilities
- Motels
- Mortuary
- Movie Theaters
- Nursery Schools
- Nursing Homes
- Nursing Stations
- Office Buildings
- Orthopedics
- Outpatient Clinics
- Patient Care Area(s)
- Patient Rooms
- Pediatric Examination Rooms or Areas
- Pharmacies
- Physical Therapy Rooms or Areas
- Private Facilities
- Processing Plants
- Public Areas
- Radiology or X-Ray Rooms or Areas
- Recreational Centers or Facilities, or buildings
- Retail Stores
- Restaurants
- Restrooms and or Rest Areas
- Schools
- School Buses
- Shelters
- Ships
- Showers
- Surgery Rooms or Operating Rooms
- Trains
- Universities

- Vehicles
- Veterinary Clinics
- Veterinary Stores
- Veterinary Hospitals
- Wineries / Breweries
- Yachts
- X-Ray rooms

USE SITES: For use on hard, non-porous surfaces. The product will not harm:

- Bathroom Fixtures
- Bath Tub
- Bed heads and frames
- Bedpans
- Booster Chairs
- Hard, Non-Porous Surface Cabinets
- Ceilings
- Hard, Non-Porous Chairs
- Classroom Desks
- Computer Monitors and Keyboards
- Hard, Non-Porous Countertops
- Counters
- Dental Countertops
- Dental Operatory Surfaces
- Dental Chairs
- Diaper changing tables
- Diaper pails
- Drinking water fountain
- Diaper changing tables
- Diaper pails
- Elevators
- Exam or examination tables
- External Surfaces of Medical Equipment or Medical Equipment Surfaces
- External Surface of Ultrasound Transducers
- Faucets
- Fixtures
- Floors
- Glass
- Garbage or Trash Cans/Pails
- Gurneys
- Hampers
- Hard Non-Porous Surfaces Environmental Dental Surfaces
- High Chairs
- High-Touch points

- IV Poles
- Keyboards
- Lamps
- Light Lens Covers
- Linoleum
- Mirrors
- Other hard non-porous surfaces
- Playpens
- Patient Chairs
- Plastic Mattress Covers
- Reception Counters, Desk and Areas
- Shelves
- Showers
- Shower curtains
- Sinks
- Stall Doors
- Stretchers
- Tables
- Exterior surface of Toilets
- Toilet Seats
- Towel Dispensers
- Toys
- Exterior of Urinals
- Walls
- Wash Basins
- Wheel Chairs

Other Sites:

Veterinary Environments and Animal Research Labs

Animal Premises: Remove all animals and feed prom area before disinfecting. Remove and clean all, litter, and droppings from hard non-porous surfaces before disinfecting:

- Animal grooming Facilities and Kennels
- Animal Housing Facilities
- Animal Life Science Laboratories
- Livestock and/or Swine, Bovine, Poultry and other facilities
- Pet Areas
- Pet Shops and Stores
- Small Animal Facilities
- Veterinary and/or Animal Hospitals
- Veterinary Clinics or Facilities
- Veterinary Offices

USE SURFACES

- ABS (Acrylonitrile butadiene styrene) plastics
- Aluminum
- Brushed or Polished Nickel
- Brushed Bronze
- Chrome
- Enamel
- Formica
- Glass
- Granite
- Hard non-porous surfaces
- Limestone
- Melamine
- Mirror
- Other Hard Non-Porous Surfaces
- Plastic
- Polyacrylic
- Polycarbonate
- Polypropylene
- Porcelain
- Slate
- Stainless Steel
- Terrazzo
- Tile

Other Surfaces:

Veterinary Environments and Animal Research Labs

- Animal Equipment Automatic Feeders
- Cages / Pens
- Feed Racks
- Fountains
- Hard Non-Porous Surfaces in Veterinary and Animal Research Labs
- Troughs
- Veterinary

Do not use on:

- Aluminum Brass
- Clothes
- Copper
- Fabrics
- Natural Rubber
- Silver
- Wood

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

For Industrial and Commercial Use Packages:

Pesticide Storage: Store in a closed dark plastic container in a cool, dry area away from heat and sunlight. Do not store near easily oxidizable materials, acids and reducers. In case of spill, isolate container (if possible) and flood area with water to dissolve all material before discarding this container in trash.

Emergency Handling: In case of contamination or decomposition. Do not reseal container. Isolate in open, well-ventilated area. Flood with large amounts of water. Cool unopened containers in vicinity by water spray.

Pesticide Disposal: Pesticide wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environment Control Agency, or the Hazardous Waste Representative at the EPA Regional Office for guidance.

Small packages (5 gallons or less):

Container Handling: Non-refillable rigid container. Do not reuse or refill this container. Triple-rinse container (or equivalent) promptly after emptying. Triple-rinse as follows: Empty the remaining contents into the application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ with water and recap. Shake for 10 seconds. Pour rinsate contents into the 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 2 more times. Then offer for recycling or reconditioning if available or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay clear of smoke.

Container Handling: Refillable container. Refill this container with GenEon disinfecting solution only. Do not reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. Cleaning the container before final disposal is the responsibility of the person disposing the container. To clean the container before final disposal, empty the remaining contents into the application equipment or a mix tank. Agitate vigorously or recirculate water with the pump for 2 minutes. Dispose of rinsate as pesticide waste. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by procedures allowed by state and local authorities.

Containers Larger Than 5 Gallons:

Container Handling: (containers intended for nonresidential users, larger than 5 gallons) Non-refillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Dispose of rinsate as pesticide waste. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.



GenEónTM
Engineering Smarter Solutions

GenEon TRIO Rx



Portable Ultra- High FAC Decanter Activator Set Instruction Manual

- *Point of use production of activated **cleaner** and **disinfectant***
- *Effective on hard surfaces*
- *Removes the need for transport and storage*

GenEon Technologies, Inc.

Corporate Offices

16026 University

Oak. San Antonio, Texas 78249

T: (866) 217-0205 F: (210) 547 2750

www.geneontechnologies.com

GenEon Technologies, Inc.

Houston Distributor Center & Office

4268 Clark Rd.

Houston, Texas 77040



Congratulations on purchasing a GenEon TRIO Rx. You now have the assurance and peace of mind from a product made to the highest manufacturing standards backed by a comprehensive warranty.

We recommend you read this manual in its entirety before using the GenEon TRIO Rx.

The solution generated by the GenEon TRIO Rx cannot be sold or distributed to a different facility.

We hope that you will enjoy using your GenEon TRIO Rx for many years to come. These instructions will show you how to use the GenEon TRIO Rx safely.

Please complete and return the warranty card provided.

Installed by: _____

Serial No.: _____

Date of Installation: _____

Site of Installation: _____

Contents

● Introduction and notices	2
● Using the GenEon TRIO Rx Manual	4
● Environmental and Sustainability	4
● Using the GenEon TRIO Rx Manual	4
SAFETY	
● Certifications.....	5
● Safety and Precautions.....	6
● Safety Instructions	7
SET-UP	
● Pack contents.....	8
● Technical Description.....	9
● Setting Up Your GenEon TRIO Rx	9
OPERATIONS	
● Base Station.....	10
● Creating Disinfectant	10
● GenEon Disinfection Solution.....	11
● Test the GenEon Disinfecting Solution.....	12
● Filling Your Spray Bottle.....	12
● Disinfecting Surfaces with GenEon Solution.....	12
● Disposal.....	12
● Water Quality.....	13
● Customer Service.....	13
MAINTENANCE	
● Maintaining your GenEon TRIO Rx.....	13
● Warranty.....	14
● Troubleshooting.....	15
● Product Specification.....	15
● Quick Start Guide	15

Using the GenEon TRIO Rx Manual



This manual is provided to the user of the GenEon TRIO Rx so that the device is operated in a way to ensure and provide the following:

- Safety
- Set up instructions
- Operating instructions
- Maintenance
- Troubleshooting

Please keep this this manual where it can be easily accessed.

Please read this manual carefully before operating the GenEon TRIO Rx.

The user is responsible for ensuring that the GenEon TRIO Rx is used as per the instructions in this manual. Should the device used in a manner not described in this manual, then GenEon Technologies, LLC will not assume any responsibilities for any harm to people, surfaces and/or other claims that arises from the misuse of the GenEon TRIO Rx. Additionally, GenEon Technologies, LLC will not provide any warranty support if the device is not used in accordance with this manual.

Please contact GenEon Technologies at info@geneontechnologies.com or call (866) 217-0205 for technical assistance or contact your local dealer.

Environmental and Sustainability

- All shipping cartons are made of recyclable material
- All Plastics are BPA free
- All Plastics are recyclable
- Electrolyte Packets are made from recyclable polyethylene plastics

Safety

Certifications



Conforms to UL STD 979

Certified to CSA STD C22.2 No. 68

GROUNDING INSTRUCTIONS

- This appliance must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. This device is equipped with a cord with an appliance-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is installed and grounded in accordance with all local codes and ordinances.”

WARNING

- Improper connection of the appliance-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service representative if you are in doubt whether the appliance is properly grounded. Do not modify the plug provided with the appliance. If it will not fit the outlet, have a proper outlet installed by a qualified technician.”
- For Indoor Use Only
- Connect only to a circuit that is protected by a Ground-Fault-Circuit-Interrupter (GFCI)

Notice for customers in the countries applying EU Directives



This product has been tested and found compliant with the limits set out in the EMC Directive and is fully CE compliant.

- Disposal of Old Electrical & Electronic Equipment (applicable in the European Union and other European countries with separate collection systems)



The symbol on this product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. Contact your local civic offices for further information.

Safety and Precautions

Please follow the instructions in this manual for safe use and operation of the GenEon TRIO Rx



WARNING: Electrical Hazard.

Do not operate with damaged power cord.

Unplug power cord before servicing machine.

Do not modify plug. If the power cord is damaged or broken, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.



WARNING: Electrical Shock Hazard. Do Not Use Outdoors. Intended for 110/240 volt use only



CAUTION:

This machine was designed to produce Cleaning and Disinfecting Solution. **DO NOT DRINK SOLUTIONS**



FOR SAFETY:

1. The GenEon TRIO Rx is intended to be used on a counter-top and connected to a 110/240-volt power outlet.
2. Read the Instruction / Operational Manual before installing or using machine.
 - Follow all instructions
 - Do not use if the electrical cord is frayed or damaged
 - Do not change the plug
3. When using machine:
 - Do not handle plug with wet hand
 - Do not operate with a damaged power cord
 - Keep cord away from heated surfaces.
 - Report machine damage or faulty operation immediately.
 - Never allow children to play on or around machine.
 - Operate in a well-ventilated area.
4. When using cleaning and disinfecting solution:
 - Refer to SDS Sheet for information on solution
 - Do not mix the cleaning or disinfecting solution with any chemicals
 - Keep away from children
 - **DO NOT DRINK SOLUTIONS**
5. When servicing machine:
 - Use only manufacturer supplied parts
 - All repairs must be performed by an authorized service person.

Safety Instructions



CAUTION: USE ONLY AS DIRECTED

- Use only as directed for disinfection of hard no-porous surfaces
- Follow instructions for use
- Be certain to train new staff members on use of the machine prior to operating
- In case of contact with eyes, rinse immediately with plenty of water and seek medical attention
- Do not use base station near and naked flame
- During creation of disinfectant use machine in a well-ventilated area
- Avoid directly inhaling disinfectant during generation
- Keep out of reach of children and pets
- Unplug base unit from electrical source after use
- Do not move the machine during operation as the cycle will not completely finish
- Do not overfill or under-fill decanter



PPE (Personal Protection Equipment)

- Carefully read the manual, labels and safety sheets
- Use protective glasses and gloves

Follow directions on electrolyte packet. Allow machine to rest three (3) minutes between cycles when brewing more than one batch.

Creating and Using Solution

- Do Not overfill or under-fill the decanter.
- DO NOT pour in too much Electrolyte – the device will automatically stop if excessive Electrolyte is used.
- Use the Electrolyte as directed.
- Produce only as much solution as necessary and use as instructed. Dispose any unused solution safely. Unused solution can be disposed in a sink. The disinfecting and cleaning potency of electrolyzed water will be reduced if the solution is stored indicated storage periods.
- Keep bottle in an upright position.

Information on the Electrolyte:

- Active Ingredients:
- Sodium Chloride.....25.0%
- Other Ingredients.....75.0%
- Total Ingredients.....100.0%

Electrolyte is supplied by GenEon Technologies, LLC in a 2.4 oz. / 71 ml. low density polyethylene plastic pouch and is classified as NON HAZARDOUS

Generates 1100 ppm Total Available Chlorine.



Important Note: Please follow the instructions in the “Creating GenEon Disinfecting Solution Using the Liquid Pack)” section before making the solution that will be used to clean and or disinfect.

- This product can be used with electric source of AC100~240V, 50/60 Hz.
- Do not use ground water, polluted water or excessively hard water to fill the bottle or decanter.
- Use water at room temperature

Set-Up

Pack Contents

Thank you for purchasing the GenEon TRIO Rx!

Parts Supplied:

- (1) Decanter with lid for Solution Activation (64 fl. oz. / 2 Liters)
- (1) Base Unit
- (1) Power Transformer and cord (VAC 100~240, 50~60Hz.)
- (1) Instruction / Manual Booklet
- (1) Box (12 x 2.4 oz. / 71 ml.) Electrolyte Packs – creates 6 Gal. / 23 liters of Disinfectant
- (1) FAC Pack of Test Strips
- (3) Secondary Labels

These instructions will show you how to use the unit safely and protect you from danger or damaging the unit

(The following images of the product might be slightly different from the one supplied.)



Activator Base



Electrolyte Packs



Decanter & Lid



FAC Test Strips

Transformer & Power Cord.



Technical Description

The GenEon TRIO Rx is a blended stream Electrochemical Activating Device or On-Site Generator.

The operating process of the GenEon TRIO Rx can be summarized as follows:

Electrolyte + H₂O + 2e⁻ = Hypochlorous Acid (HOCl)

At the start of the process, the Electrolyte is combined with water and when the device is engaged the electrolytic cell creates Hypochlorous Acid (HOCl) after 15 minutes:



1. ADD ELECTROLYTE



2. ADD WATER



3. ENERGIZE

Setting Up Your GenEon TRIO Rx

Before operating carefully read the “Safety and Precautions and Safety Instructions” sections and wear protective gloves and glasses.

The GenEon TRIO Rx is an Electronic or On-Site Generating device used in creating a Cleaning / Disinfecting solution comprised of Hypochlorous Acid (HOCl) at a 1,100 ppm level of Total Available Chlorine when solution is prepared according to instruction (secondary) label.

Setting up is simple!

1. Carefully check that the machine has not suffered any damages in transit. If any damages is found, contact manufacturer/distributor
2. Select a location, the best locations are typically a counter-top, or a dry surface near a sink with a power outlet)
3. Connect the base station to the electric power supply using the transformer provided.
4. Plug in the power supply and the red start button on the front of the unit will illuminate and a beep will sound.
5. If the start button fails to illuminate check that the transformer is correctly plugged into the power supply and that there is power at the power outlet.



ATTENTION

- Do not move GenEon TRIO Rx while it is operating.
- If the machine must be moved, switch it off. Unplug and drain decanter of any solution

Operations



Lights on the base station

1. Blue light indicate that decanter is sitting correctly on Base
2. Operation panel with blue/ red start button and round blue light for operation

Creating GenEon Disinfecting Solution Using Liquid Pack



1. ADD ELECTROLYTE



2. ADD WATER



3. ENERGIZE

1. Add 2.4oz. (71ml) Electrolyte to the decanter.
2. Fill decanter to the 2-liter mark using potable tap-water
 - I. Place the lid securely on to the decanter
 - II. Place the decanter on a counter-top to confirm that the water line is at the 2-liter mark. If the water line is not at the 2-liter mark, correct it as needed.
 - III. Place the decanter on the base unit. Ensure the decanter handle is towards the rear and the spout facing forward. If placed correctly, you will hear a chime and a blue light will illuminate around an already illuminated red power button.



3. Using your finger, lay it flat over the blue and red power button lights ensuring that contact is being made over both colored lights. Just touching the red center of the power button will activate the machine.

Note: Looking into the decanter you will notice the stirring mechanism will rotate clockwise and counter clockwise in synchronization with the blue light. The

machine will run for 15 minutes during its brew cycle. You will notice the water will become cloudy with bubbles as the disinfectant is being made. Please note that this is completely normal.

Once the cycle is complete, the machine will chime twice and the outer blue light will begin to flash. The outer blue light will continue to flash until you remove the decanter from the base unit. The GenEon disinfectant is now ready for use.



IMPORTANT: In the event you wish to brew multiple batches (one after the other), please let the unit rest for at least three (3) minute before beginning a new batch.

GenEon Disinfectant Solution

See instructions to generate disinfectant solution on instruction (secondary) label.

The GenEon TRIO Rx uses water and liquid electrolyte which is then electrolyzed into a disinfectant solution. During the electrolysis cycle, the water and electrolyte are converted to hypochlorous acid (HOCl) and other chlorine species. HOCl is called “Total Available Chlorine or Free Available Chlorine”. Total Available Chlorine is used in water processing plants and swimming pools to disinfect the water. HOCl is one of the oldest and well understood disinfecting solutions known.

All microbiological studies have been conducted using GenEon’s Propriety Catalyst/Electrolyte. Use of other activators voids GenEon Technology, LLC warranty and ANY claims.

Solution:

The GenEon TRIO Rx disinfecting solution is for use on hard non-porous surfaces, environmental and non-critical care equipment surfaces. It can also be used as a light cleaner and deodorizer.

The GenEon TRIO Rx was tested under the U.S. EPA 810.2200 Guidelines.

Testing the GenEon Disinfectant Solution (Optional)

To test the strength of the solution, use the following steps:

1. Remove one Total Available Chlorine (FAC) strip from the test strip container provided with your electrolyte packets
2. Submerge the test strip into the disinfectant for one second
3. Remove the strip and shake it once away from your face or clothes. Wait exactly 60 seconds before comparing the test strip to the color chart on the bottle and then take the reading within 15 seconds

The test strip color should be between 800 - 1,500 parts per million (ppm).



Limit exposure to sunlight

Filling Your Spray Bottles



- Before filling your spray bottle, affix an approved GenEon Cleaner and Disinfectant Secondary Label to the bottle.
- Remove the decanter from the base unit and carefully fill your spray bottles. You may want to use a small funnel
- Fill each bottle to the desired level
- Securely tighten the spray head to the bottle sealing in your

disinfectant. This will ensure that the solution does not degrade.



Note: Discard unused solution after 24 hours and make a new batch.

Disinfecting Surfaces with the GenEon Disinfectant

See instructions to generate disinfectant solution on instruction (secondary) label.

The GenEon disinfectant solution should only be used on hard non-porous surface. Use the following steps when disinfecting any surface.



Use the GenEon solution on all non-porous hard surfaces. However, test color-fastness in an inconspicuous area before applying to visible areas.

Disposal

Handle, store and dispose of solution in accordance to the instructions on the Safety Data Sheet.

Water Quality for the Decanter

The water supply (potable water) **MUST** be from normal tap water with appropriate hardness.

⚙ PH: 2.5-7 Hardness: less than 200 ppm Low calcium water recommended.

Do not use ground water, polluted water or excessively hard water to make the solution.

Water temperature range: Use room temperature water.

If your water is harder than 200 ppm, we recommend you use softened water.



Customer Service

If you have any questions, please refer to your manual or visit us at www.geneontechnologies.com or call 866 217-0205 or contact your local GenEon distributor.

Maintenance

Maintaining Your GenEon TRIO Rx

GenEon recommends that you rinse the GenEon TRIO Rx decanter at least once a week with fresh water. Should lime scale appear, GenEon recommends that the decanter be rinsed with white acidic acid or vinegar then rinse with potable tap water to remove any residue.



DO NOT RUN THE GenEon TRIO Rx with any substance other than GenEon electrolyte and potable tap water.

Keep the base in clean working order. If liquid(s) spill on electrodes, unplug device and wipe dry allowing electrodes to dry thoroughly before using

Warranty

Manufacturing and components defects are covered by a warranty and will be administered through your supplier. The standard warranty covers the base station and power transformer (excluding fuses), for twelve (12) months and the decanter for six (6) months. Replacements parts not covered by the warranty are available to purchase from your supplier. This warranty does not cover any malfunction caused by abuse, misuse or improper care including disassembling the Product, or failure to follow the printed instructions included in the Product package. The Product should only be filled with potable water (tap-water) and with the manufacturer recommended Electrolyte. This warranty does not cover malfunctions caused by filling the sprayer or decanter with any other liquid, including any cleaning or other fluids. Warranties implied by state law are limited in duration to twelve (12) months from the date of purchase.

For full details of the warranty in your particular country please consult your local supplier.

All claims must be made through your supplier.

Troubleshooting

Please read the instructions carefully and use the check list below. Call your local supplier if a problem persists.

<u>Issue</u>	<u>Check Points</u>	<u>Remedy</u>
Nothing on the Display Panel.	Is the power cord and plug connected properly?	Plug in properly and switch on the power to the unit.
No bubbles rising during operation.	Did you add the Electrolyte?	During the electrolysis process a complex gas with oxygen, hydrogen and chlorine is generated. Therefore, NO Bubbles means NO Catalyst. Prepare a fresh solution and try
Why does the unit keep beeping?	Does the beep sound for 3 seconds after 15-minute full operation?	The normal process of electrolytic activation takes approximately 15 minutes. The beep sound indicates the electrolytic process is complete and sounds for 10 seconds before the full operation ends.
Why does the blue operation light lamp and the blue lighting lamp keep flashing?	Did the generating process finish?	The two blue lamps flash during operation. The unit will not run again until the decanter has been removed and replenished.
Device won't operate.	Is the decanter sitting correctly on the base	Lift decanter and replace it on base.
Device won't operate.	Did the unit rest for 3 minutes?	The device will not run without at least 3-minutes rest.
No run lamp showing - only a flashing light.	Did you press the start button repeatedly?	When the electrolysis process is complete the device will NOT run again immediately for safety reasons.
Display panel is lit up, but unit does not engage when I press the start button	Did you press both the red and blue part of the start button?	Press the start button engaging both the blue and red illuminate light with the flat of your finger.
Blue lamp not on.	Did you press the start button?	Press the start button.
All lamps flash and there is a beeping sound.	Did you add too much Electrolyte?	If Electrolyte (s) are used excessively, the device will not run for safety reasons. Make a fresh solution and try again.

PRODUCT SPECIFICATION

Product Name	GenEon TRIO Rx	Model	8000 Rx
Rated Voltage	VAC 100 ~ VAC240	Distributor	GenEon Technologies
Electric Consumption	45w	Manufacturer	GenEon Technologies
Generating Method	Electrolysis	EPA Est.	088681-KOR-001
Technical Term	Electrochemical Activation (ECA)	Supplier	Refer to your invoice

Issued: April 2016

Creating GenEon Disinfecting Solution Using the GenEon TRIO Rx

Quick Start Guide

- Plug unit into power source
- Add Electrolyte packet (2.4 fluid oz. (71ml))



- Fill canister to the 2.0 L mark with water



- Energize (Start by pressing the red button)



Once cycle is complete, solution is ready for use.

Optional: Confirm FAC using a FAC Test Strip that measures between 800 – 1,500 ppm of FAC (picture not reflective of all FAC Test Strip)

