

A Q U A O X™

AQUAOX™ Disinfectant 275 & 525 & 1650 & 112 Cleaner

Environmental Protection Agency Documentation



AQUAOX™ Hypochlorous Products: Efficacy and Safety Lab Test Documentation

Aquaiox Disinfectant 275 | Aquaiox Disinfectant 525 | Aquaiox Disinfectant 1650

AQUAOX™ Disinfectant 275, 525, and 1650 are solutions made from a Sodium Chloride and water, using an electrochemical process to create Hypochlorous Acid (HOCl), a highly effective, ecologically sound antimicrobial pesticide. The product numbers indicate the products' respective HOCl concentrations (e.g., Aquaiox 275 is a 275-parts-per-million solution of HOCl).

All three products (275-ppm, 525-ppm, and 1650-ppm HOC, respectively) are Environmental Protection Agency (EPA) registered antimicrobial pesticides bearing a Hospital and a General/Broad Spectrum Disinfectant claims per Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 3(c)(5). Using established American Society for Testing and Materials (ASTM) standards, Association of Official Analytical Chemists - International (AOAC) methods and EPA guidelines.

In short, all three products are EPA-approved disinfectants and, accordingly, are suitable for hospitals and other medical facilities as well as for general use.

This document provides documentation of the EPA-related materials relevant to these products, including Aquaiox registration for List-N Covid-and-Emerging-Pathogen registrations.

Further materials are available to more fully describe HOCl applications as well as to provide information about the efficacy and safety research on Aquaiox products and about the on-site generation option Aquaiox offers as an alternative to pre-packaged disinfectants.

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AQUAOX™ Disinfectant 275 & 525

Disinfectant 525 is on EPA's List N for Use Against SARS-CoV-2

Disinfectant 525 is on EPA's List Q for Use Against Emerging Viral Pathogens

EPA Registration





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

January 15, 2021

Kevin Kutcel
Agent
Aquaox LLC
17355 Hamlin Blvd.
Loxahatchee, FL 33470

Subject: PRIA Label Amendment – Revising Signal Word and Precautionary Statements
Product Name: AQUAOX Disinfectant 275
EPA Registration Number: 93392-1
Application Date: July 30, 2020
Decision Number: 565345

Dear Mr. Kutcel:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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) lists 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 Assurance.

Page 2 of 2
EPA Reg. No. 93392-1
Decision No. 565345

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Demson Fuller by phone at (703) 308-8062, or via email at fuller.demson@epa.gov

Sincerely,

A handwritten signature in black ink, appearing to read 'D. Fuller', with a long horizontal stroke extending to the right.

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

Enclosure

Aquaox Disinfectant 275

Hypochlorous Acid Solution

Generated Electrochemically from Sodium Chloride

ACTIVE INGREDIENT:	
Hypochlorous Acid	0.0275%
OTHER INGREDIENTS:	99.9725%
TOTAL:	100.0000%

Contains > 275ppm Free Available Chlorine (FAC)

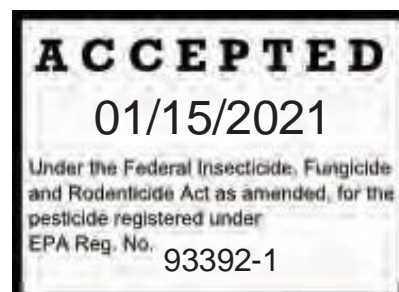
KEEP OUT OF REACH OF CHILDREN

EPA Reg. No. 93392-1

Est. No. xxxxx-xx-xxx

Manufactured by:

AQUAOX LLC
17355 Hamlin Boulevard
Loxahatchee, Florida 33470
Phone No.: 800-790-7520
Email: info@aquaox.net



***Aquaox Disinfectant 275 must be used within 30 days after production OR
Product must be tested with chlorine test kit provided by Aquaox.
DO NOT USE PRODUCT when Chlorine concentration is below 248ppm.***

DATE PRODUCED: _____

Container size: 2 oz., 3.4 oz., 4 oz., 8 oz., 16 oz, 1 gallon, 5 gallon, 30 gallon, 55 gallon, 275 gallon, 330 gallon, 660 gallon

Aquaox Disinfectant 275 is a Hypochlorous Acid solution produced by passing an aqueous saline solution (brine) through 1 or more electrolytic cells. The current within the electrolytic cell(s) splits the sodium chloride compound into two separate fluids. One fluid is Hypochlorous Acid, a powerful oxidizing agent exhibiting antimicrobial properties.

Aquaox Disinfectant 275 is produced at a near neutral pH, (approximately pH 6.5) where the predominant antimicrobial agent is Hypochlorous Acid, an efficient and efficacious species of chlorine. Hypochlorous Acid kills bacteria, fungi, molds, viruses and spores.

Aquaox Disinfectant 275 properties are closely controlled by controlling the voltage and the current to the electrolytic cell(s), brine conductivity, temperature and flow rate through the cells as well as the pH of the Hypochlorous Acid generated in the cell(s).

Aquaox Disinfectant 275 freezes at 32°F and boils at 212°F. It is a colorless and aqueous solution with a slight chlorine or ozone odor.

After production, **Aquaox Disinfectant 275** must be stored in a closed plastic container in a cool and dark area away from direct sunlight.

Aquaox Disinfectant 275 is intended to be used soon after being produced.

Optional Marketing Statements:

- Directions Spray cleaned surfaces and allow to air dry
- No wiping needed
- See attached insert for directions for use, storage and disposal statements.
- a cost-effective disinfecting solution;
- produced with low energy and low costs from water and salt;
- produced in a single-stage process by a simple electrolytic cell;
- produced for use in medical, institutional, industrial and commercial applications and
- produced with a controlled pH and controlled concentration of Free Available Chlorine (FAC).
- Aquaox Disinfectant 275 leaves no residue.
- Aquaox Disinfectant 275 is made from salt and water.
- Aquaox Disinfectant 275 will eventually degrade back to salt and water.

PRECAUTIONARY STATEMENTS

Physical or Chemical Hazards: **Aquaox Disinfectant 275** is not compatible with other chemicals such as acids and hydrogen peroxide.

DIRECTIONS FOR USE

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

Hard, Non-Porous Surface Disinfection

To [Clean and] Disinfect [and Deodorize] Hard, Non-Porous Surfaces: For heavily soiled areas, a preliminary cleaning is required. Apply [*Wipe, Spray or Dip*] **Aquaox Disinfectant** to hard, non-porous surfaces with a cloth, wipe, mop, sprayer, sponge or a spray applicator. Treated surfaces must remain wet for 10 minutes. Allow surfaces to air dry. Do not use on utensils, glasses or dishes.

(OPTIONAL - Follow the instructions below when applying with a spray applicator for hard, non-porous surface disinfection): (1) Remove disinfectant liquid at or over 1-week-old from the liquid storage tank; (2) Fill the empty liquid storage tank with fresh **Aquaox Disinfectant 275** liquid; (3) Turn on the power on the main electrical switch; (4) Pull out the spray gun and point towards the target area to be sprayed; (5) Press the sprayer button and start spraying at a recommended distance of between 1½ – 4 ft. from the target area; (6) When applying to a large, hard, non-porous surface, use a recommended motion of a 3-ft., side-by-side motion. Allow an overlap of 50% of the sprayed area when spraying from the top to the bottom, and an overlap of 10% when spraying adjacent areas; (7) Sprayed surfaces must remain wet for 10 minutes. Allow surfaces to air dry. Do not use on utensils, glasses or dishes.)

This product is not to be used as a terminal sterilant / high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, or (2) contacts intact mucous membranes but which do not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical devices prior to sterilization or high-level disinfection.

Pathogen	Strain	Contact Time
Pseudomonas aeruginosa	ATCC 15442	10 minutes
Staphylococcus aureus	ATCC 6538	10 minutes
Swine Influenza Virus (H1N1)	ATCC VR-333	10 minutes
Salmonella enterica	ATCC 10708	10 minutes

CLAIMS

- + Broad Spectrum Disinfectant
- + One-Step Cleaner / Disinfectant when Disinfection Directions are followed
- + Aids in the Reduction of Cross-Contamination between Treated Surfaces
- + This Disinfection Process assures Proper Strength, Product Effectiveness and Standardizes Technique
- + Formulated for Bacteria Fighting
- + Bactericide - or - Bactericidal

- + Bathroom Disinfectant
- + Nursery Disinfectant
- + Athletic Facility Disinfectant
- + Cleans and Disinfects Site(s) on Tables 1–4 below
- + Cleans and Disinfects Hard, Non-Porous Surfaces
- + Cleans, Deodorizes and Disinfects
- + Deodorizes by Killing Odor-Causing Bacteria
- + Disinfecting Formula
- + Disinfects and Deodorizes by Killing Bacteria and their Odors
- + Eliminates - or - Reduces Odors caused by Bacteria
- + Eliminates odors at their source; bacteria
- + Disinfects Hard, Non-Porous Surfaces on Site(s) on Tables 1–4 below
- + Easy and Convenient Disinfecting on Site(s) on Tables 1–4 below
- + Easy One-Step Cleaning and Disinfecting when Disinfection Directions are followed
- + Effective against - or - Kills Organism(s) mentioned in Table on Page 2 above
- + Effective against - or - Kills H1N1 Swine Influenza virus
- + Effectively Disinfects Hard, Non-Porous, Environmental Surfaces
- + Fight(s) - and/or - Kill(s) - and/or - Effective against *Salmonella enterica*
- + Fight(s) - and/or - Kill(s) - and/or - Effective against *Staphylococcus aureus*
- + Fight(s) - and/or - Kill(s) - and/or - Effective against *Pseudomonas aeruginosa*
- + Fight(s) - and/or - Stops - and/or - Prevent(s) Cross-Contamination on Hard, Non-Porous Surfaces on Tables 1–4 below
- + Kills Odor-Causing Bacteria mentioned in Table on Page 2 above
- + Kills - or - Effective against Bacteria mentioned in Table on Page 2 above
- + Multi-Purpose Disinfectant
- + One-Step Cleaner and Disinfectant when Disinfection Directions are followed
- + One-Step Cleaner and Disinfectant (when Disinfections Direction are followed) designed for General Cleaning and Disinfecting Hard, Non-Porous Environmental Surfaces in Health Care Facilities and on Sites listed on Tables 1–4 below
- + Pseudomonocidal
- + Staphylocidal
- + Ready-to-Use Hospital Disinfectant
- + The Answer to your Disinfecting Needs
- + The Easy - and/or - Convenient way to Disinfect
- + This Product controls Cross-Contamination on most Hard, Non-Porous Surfaces
- + This Product meets AOAC Efficacy Testing Requirements - or - Standards for Hospital Disinfection
- + Use in Public - or - Common Places where Bacteria may be of concern on Hard, Non-Porous Surfaces
- + Use where Control of the Hazards of Cross-Contamination between Treated Hard Non-Porous Surfaces is of Importance

GENERAL CLAIMS

- + Convenient
- + For General Use
- + For Use on Nursery Surfaces
- + Suitable for Hospital Use
- + Will not Harm Surfaces listed on Tables 1 – 4
- + Will not Harm Hard, Non-Porous Inanimate Environmental Surfaces
- + Will not Harm Titanium-Coated, Medical Grade Stainless Steel
- + Easy to Handle
- + For Use on Bathroom Surfaces
- + For Use in Athletic Facilities
- + For Use on Athletic Equipment

TABLE ONE: Medical Environments

USE SITES

- + Ambulances - or - Emergency Medical Transport Vehicles
- + Anesthesia Rooms - or - Areas
- + Assisted Living - or - Full Care Nursing Homes
- + CAT Laboratories
- + Central Service Areas
- + Central Supply Rooms - or - Areas Critical Care Units - or - CCUs
- + Dialysis Clinics
- + Emergency Rooms - or - RS (Registered Sanitarian) Health Care Settings - or Facilities
- + Home Health Care Settings
- + Hospitals
- + Intensive Care Units - or - ICU Laboratories
- + Medical - or - Physician's - or - Doctor's Offices Newborn - or - Neonatal Nurseries
- + Medical Clinics
- + Medical Facilities
- + Nursing - or - Nurses' Stations
- + Orthopedics
- + Outpatient Clinics
- + Patient Restrooms
- + Patient Rooms
- + Pediatric Examination Rooms - or - Areas
- + Pharmacies
- + Physical Therapy Rooms - or - Areas
- + Radiology - or - X-Ray Rooms - or - Areas
- + Surgery Rooms - or - Operating Rooms - or ORs
- + cpap medical equipment

SURFACES (Applicable to Surface Materials listed on Page 9)

- + Bed pans
- + Exam - or - Examination Table:
- + External Surfaces of Medical Equipment - or - Medical Equipment Surfaces
- + External Surfaces of Ultrasound Transducers
- + Gurneys
- + Hard, Non-Porous Environmental Hospital - or - Medical Surfaces
- + Hospital - or - Patient Bed Railings - or - Linings - or - Frames
- + IV Poles
- + Patient Chairs
- + Plastic Mattress Covers
- + Reception Counters - or - Desks - or - Areas
- + Stretchers
- + Wash Basins
- + Wheelchairs

TABLE TWO: Dental Environment:

USE SITES

- + Dental - or - Dentist's Offices
- + Dental Operatory rooms

SURFACES (Applicable to Surface Materials listed on Page 9)

- + Dental Countertops
- + Dental Operatory Surfaces
- + Dentist - or - Dental Chairs
- + Hard, Non-Porous Environmental Dental Surfaces
- + Light Lens Covers
- + Reception Counters - or - Desks - or - Areas

TABLE THREE: Veterinary Environments:

Animal Premises: Remove all animals and feed from the premises, vehicles and enclosures. Remove all litter, droppings and manure from the floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap and/or detergent and rinse with water.

Apply **Aquaox Disinfectant** and saturate surfaces with solution for 10 minutes. Immerse all halters, ropes and other types of equipment used in handling and restraining animals as well as forks, shovels and scrapers used for removing litter and manure.

After application, ventilate buildings, coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before reuse.

USE SITES

- + Animal - or - Pet Grooming Facilities Kennels
- + Animal Housing Facilities
- + Animal Life Science Laboratories
- + Livestock - and/or - Swine - and/or - Poultry Facilities
- + Pet Areas
- + Pet Shops - or - Stores
- + Small Animal Facilities
- + Veterinary - or - Animal Hospitals
- + Veterinary Clinics - or - Facilities
- + Veterinary Offices

SURFACES (Applicable to Surface Materials listed on Page 9)

- + Animal Equipment Automatic Feeders
- + Cages
- + External Surfaces of Veterinary Equipment
- + Feed Racks
- + Fountains
- + Hard, Non-Porous Environmental Veterinary Surfaces
- + Pens
- + Reception Counters - or - Desks - or - Areas Stalls
- + Troughs
- + Veterinary Care Surfaces
- + Watering Appliances

TABLE FOUR: Miscellaneous / General Environments

USE SITES

- + Airplanes
- + Blood Banks
- + Boats
- + Bowling Alleys
- + Chillers
- + Churches
- + Colleges
- + Correctional Facilities
- + Cruise Lines
- + Day Care Centers
- + Dormitories
- + Factories
- + Funeral Homes
- + Grocery Stores
- + Gymnasiums - or - Gyms
- + Health Club Facilities
- + Hotels
- + Industrial Facilities
- + Laundromats
- + Laundry Rooms Locker Rooms
- + Manufacturing Facilities
- + Manufacturing Plants - or - Facilities
- + Military Installations
- + Motels
- + Preschool Facilities
- + Public Areas
- + Recreational Centers - or - Facilities
- + Restrooms - or - Restroom Areas
- + School Buses
- + Schools
- + Shelters
- + Shower Rooms
- + Storage Rooms - or - Areas
- + Supermarkets
- + Trains
- + Universities
- + Wineries
- + Yachts

SURFACES (Applicable to Surface Materials listed on Page 9)

- + Bathroom Fixtures
- + Bath Tubs
- + Behind and under Counters
- + Behind and under Sinks
- + Booster Chairs
- + Cabinets Ceilings
- + Cellular - or - Wireless - or - Mobile - or - Digital Phones
- + Chairs
- + Computer Keyboards
- + Computer Monitors
- + Counters - or - Countertops
- + Cribs
- + Desks
- + Diaper - or - Infant Changing Tables
- + Diaper Pails
- + Dictating Equipment Surfaces
- + Doorknobs
- + Exterior - or - External Toilet Surfaces
- + Exterior - or - External Urinal Surfaces
- + Faucets
- + Floors
- + Garbage - or - Trash Cans
- + Grocery Store - or - Supermarket Carts
- + Hampers
- + Hand Railings
- + Headsets
- + Highchairs
- + Lamps
- + Linoleum
- + Playpens
- + Shelves
- + Showers - or - Shower Stalls
- + Sinks
- + Stall Doors
- + Tables
- + Telephones
- + Tiled Walls
- + Toilet Rims
- + Toilet Seats
- + Towel Dispensers
- + Toys
- + Vanity Tops - or - Vanities
- + Other Telecommunications Equipment Surfaces

SURFACE MATERIALS

- + Baked enamel
- + Chrome
- + Common Hard, Non-Porous Household - or - Environmental Surfaces
- + Formica
- + Glass
- + Glazed Ceramic Tile
- + Glazed Porcelain
- + Glazed Porcelain Enamel
- + Laminated Surfaces
- + Plastic Laminate
- + Stainless Steel
- + Synthetic Marble
- + Vinyl Tile
- + Similar Hard, Non-Porous Surfaces except those excluded by the label

Not Recommended For Use On - or - Avoid Contact With

- + Aluminum Brass
- + Chipped enamel
- + Clear plastic
- + Clothes
- + Copper
- + Fabrics
- + Gold
- + Natural marble
- + Natural rubber
- + Painted surfaces
- + Paper surfaces
- + Sealed granite
- + Silver
- + Unfinished wood
- + 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. Full 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 Aquaox Disinfectant 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.

Large Packages (Greater than 5 Gallons)

Container Handling: 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. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times."



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

February 4, 2022

Brian Hogan, Agent
Aquaax LLC
17355 Hamlin Blvd.
Loxahatchee, FL 33470

Subject: PRIA Label Amendment – Additional Studies and Related Claims
Product Name: Aquaax Disinfectant 525
EPA Registration Number: 93392-2
Received Date: June 2, 2021
Action Case Number: 00304880

Dear Brian Hogan,

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. Pursuant to 40 CFR 156.10(a)(6), you must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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 FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). 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) lists 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, FIFRA section 12(a)(1)(B). 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 Assurance.

Page 2 of 2
EPA Reg. No. 93392-2
Action Case No. 00304880

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Wanda Henson by phone at (202) 566-0650, or via email at henson.wanda@epa.gov

Sincerely,

A handwritten signature in black ink, appearing to read 'D Fuller', with a long horizontal stroke extending to the right.

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

Enclosure

Throughout label { } used for Notes to Reviewer and [] used for Optional Text. () used for acronyms and required clarifiers.

Aquaox Disinfectant 525

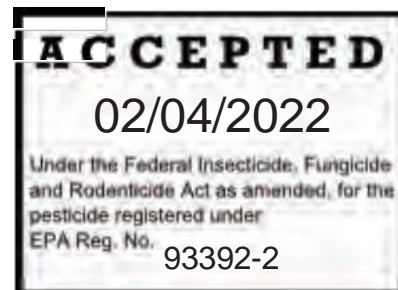
Hypochlorous Acid Solution

Generated Electrochemically from Sodium Chloride

ACTIVE INGREDIENT:	
Hypochlorous Acid	0.0525%
OTHER INGREDIENTS:	99.9475%
TOTAL:	100.0000%

Contains > 525ppm Free Available Chlorine (FAC)

KEEP OUT OF REACH OF CHILDREN



EPA Reg. No. 93392-2

Est. No. xxxxx-xx-xxx

Manufactured by:

AQUAOX LLC
17355 Hamlin Boulevard
Loxahatchee, Florida 33470
Phone No.: 800-790-7520
Email: info@aquaox.net

Aquaox Disinfectant 525 must be used within 30 days after production OR Product must be tested with chlorine test kit provided by Aquaox. DO NOT USE PRODUCT when Chlorine concentration is below 473ppm.

DATE PRODUCED: _____

Container size: X[oz][gallon]

Aquaox Disinfectant 525 is a Hypochlorous Acid solution produced by passing an aqueous saline solution (brine) through 1 or more electrolytic cells. The current within the electrolytic cell(s) splits the sodium chloride compound into two separate fluids. One fluid is Hypochlorous Acid, a powerful oxidizing agent exhibiting antimicrobial properties.

Aquaox Disinfectant 525 is produced at a near neutral pH, (approximately pH 6.5) where the predominant antimicrobial agent is Hypochlorous Acid.

Aquaox Disinfectant 525 properties are closely controlled by controlling the voltage and the current to the electrolytic cell(s), brine conductivity, temperature and flow rate through the cells as well the pH of the Hypochlorous Acid generated in the cell(s).

Aquaox Disinfectant 525 freezes at 32°F and boils at 212°F. It is a colorless and aqueous solution with a slight chlorine or ozone odor.

After production, **Aquaox Disinfectant 525** must be stored in a closed plastic container in a cool and dark area away from direct sunlight.

Optional Marketing Statements:

- a cost-effective disinfecting solution;
- produced with low energy and low costs from water and salt;
- produced in a single-stage process by a simple electrolytic cell;
- produced for use in medical, institutional, industrial and commercial applications and
- produced with a controlled pH and controlled concentration of Free Available Chlorine (FAC).
- Directions Spray cleaned surfaces and allow to air dry
- No wiping needed
- See attached insert for directions for use, storage and disposal statements.
- Aquaox Disinfectant 525 leaves no residue.
- Aquaox Disinfectant 525 is made from salt and water.
- Aquaox Disinfectant 525 will eventually degrade back to salt and water.

PRECAUTIONARY STATEMENTS

Physical or Chemical Hazards: **Aquaox Disinfectant 525** is not compatible with other chemicals such as acids and hydrogen peroxide.

DIRECTIONS FOR USE

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

Hard, Non-Porous Surface Disinfection

To Clean and Disinfect [and Deodorize] Hard, Non-Porous Surfaces: For visibly soiled areas, a preliminary cleaning is required. Apply [*Spray or Dip*] **Aquaox Disinfectant** to hard, non-porous surfaces with a wipe, paper or cloth towel, mop, sprayer, sponge or a spray applicator. Treated surfaces must remain visibly wet for 10 minutes. Allow surfaces to air dry. Do not use on utensils, glasses or dishes.

Trigger bottle:

Follow the instructions below when applying Aquaox Disinfectant with a trigger bottle for hard, non-porous surface disinfection.

To Refill: Remove Trigger sprayer. Empty container. Pour in Aquaox Disinfectant from refill container and attach Trigger sprayer.

To Operate: Turn nozzle to ["ON"] [desired] position

To Spray: Target to be disinfected area and pull trigger to spray Aquaox Disinfectant on surface.

To Disinfect [all] hard, non-porous surfaces: Spray Aquaox Disinfectant on surface until visibly wet. Let stand for 10 minutes. [If desired] wipe surface dry with a cloth, wipe, sponge or mop. For visible soiled surfaces [a] pre-cleaning [step] is required.

Spray Applicator

Follow the instructions below when applying with a spray applicator for hard, non-porous surface disinfection: 1. Remove disinfectant liquid at or over 1-week-old from the liquid storage tank; 2. Fill the empty liquid storage tank with fresh **Aquaox Disinfectant 525** liquid; 3. Turn on the power on the main electrical switch; 4. Pull out the spray gun and point towards the target area to be sprayed; 5. Press the sprayer button and start spraying at a recommended distance of 6-8 inches from the target area; 6. When applying to a large, hard, non-porous surface, use a recommended motion of a 3-ft., side-by-side motion. Allow an overlap of 50% of the sprayed area when spraying from the top to the bottom, and an overlap of 10% when spraying adjacent areas; 7. Sprayed surfaces must remain visibly wet for 10 minutes. Allow surfaces to air dry. Do not use on utensils, glasses or dishes.

This product is not to be used as a terminal sterilant / high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical devices prior to sterilization or high-level disinfection.

Medical applications

To Pre-clean instruments, equipment and surfaces prior to Disinfection: Apply directly to surface. Allow to remain wet for 30 seconds. Wipe surface using a cloth, wipe, sponge or mop towel. Discard towel.

To Disinfect non-critical instruments and equipment Surfaces: Thoroughly pre-clean surfaces prior to disinfection. Apply directly to pre-cleaned surfaces, thoroughly wetting areas to be disinfected. Allow surface to be wet for 10 minutes. [If desired] wipe surface dry with a cloth, wipe, sponge or mop towel. Discard towel.

*** Microorganism Table**

Pathogen	Contact Time
Bacteria	
Staphylococcus aureus (ATCC 6538)	10 minutes
Pseudomonas aeruginosa (ATCC 15442)	10 minutes
Salmonella enterica (ATCC 10708)	10 minutes
Staphylococcus aureus (HA-MRSA) (ATCC 33591)	10 minutes
Escherichia coli (NDM) (ATCC BAA-2469)	10 minutes
Mycobacterium bovis (BCG) (ATCC 35734)	10 minutes
Vancomycin Resistant Enterococcus faecalis (VRE) (ATCC 700221)	10 minutes
**Viruses	
Swine Influenza Virus (H1N1) (ATCC VR-333)	10 minutes
Human Immunodeficiency Virus Type 1 (HIV-1) (Mn; ZeptoMetrix #0810027CF)	10 minutes
Human Coronavirus (ATCC VR-740, #229E)	10 minutes
Feline Calicivirus (ATCC VR-782)	10 minutes
Murine Norovirus	10 minutes
SARS-CoV-2	10 minutes

CLAIMS

- + Broad spectrum disinfectant
- + One-step cleaner/disinfectant when disinfection directions are followed
- + Aids in the reduction of cross-contamination between treated surfaces
- + This Disinfection Process assures proper strength, product effectiveness and standardizes technique
- + Formulated for bacteria killing
- + Bactericide - or - Bactericidal
- + Bathroom disinfectant
- + + Nursery disinfectant
- + Athletic facility disinfectant
- + Cleans and disinfects sites listed on Tables 1 – 4 below
- + Cleans and disinfects hard, non-porous surfaces
- + Cleans, deodorizes and disinfects
- + Deodorizes by Killing Odor-Causing Bacteria
- + Disinfecting formula
- + Disinfects and deodorizes by killing bacteria and their odors
- + Disinfects hard, non-porous surfaces on sites listed on Tables 1 – 4 below
- + Easy and convenient disinfecting on sites listed on Tables 1 – 4 below
- + Easy one-step cleaning and disinfecting when disinfection directions are followed
- + Effective against - or - Kills organisms listed on Table on Page 2above
- + Effective against - or - Kills a wide range of bacteria including *Staphylococcus aureus*, *MRSA*, *Salmonella enterica*, and *Pseudomonas aeruginosa*
- + Effectively disinfects hard, non-porous, environmental surfaces
- + Eliminates odors at their source; bacteria
- + Eliminates - or - Reduces odors caused by bacteria
- + Kills - and/or - Effective against *Salmonella enterica*
- + Kills - and/or - Effective against *Staphylococcus aureus* and *MRSA*
- + Kills - and/or - Effective against *Pseudomonas aeruginosa*
- + Reduces cross-contamination between treated hard, non-porous surfaces.
- + Kills bacteria
- + Kills odor-causing bacteria
- + Kills - or - Effective against bacteria
- + Multi-purpose disinfectant on hard, non-porous surfaces
- + One-step cleaner and disinfectant when disinfection directions are followed
- + One-step disinfectant cleaner when disinfection directions are followed designed for general cleaning and disinfecting hard, non-porous environmental surfaces in health care facilities - or - and sites listed on Tables 1 – 4 below.
- + Ready-to-use hospital disinfectant
- + Virucidal**
- + The answer to your disinfecting needs
- + The quick - and/or - easy - and/or - convenient way to disinfect
- + This product reduces cross-contamination between treated hard, non-porous surfaces.
- + Use in public - or - common places where bacteria may be of concern on hard, non-porous surfaces
- + Use where reduced cross-contamination between treated hard non-porous surfaces is of Prime importance
- + Kills - or - Effective against H1N1 Swine Influenza virus
- + Kills - or - Effective against Human Coronavirus
- + Kills - or - Effective against Feline Calicivirus
- + Kills – or – Effective against Murine Norovirus
- + Kills – or – Effective against SARS-Cov-2 virus on hard, non-porous surfaces

- + Kills – or - Effective against enveloped and non-enveloped viruses**
- + [0%] [none] [No] [free from] [unnecessary ingredients] [ammonia] [[synthetic] [artificial] fragrance[s]] [fragrance] [dyes][fragrance[s] and dye[s]] [harsh [chemical] residue[s]] [harsh formula] [rinse required] [parabens] [artificial coloring] [mineral oil] [triclosan] [Perchloroethylene] [hydrogen peroxide] [peroxide[s]] [peroxide bleach] [phosphates] [phosphates] [sodium hydroxide] [phthalates]
- + A revolutionary, pH balanced [neutralized] [disinfectant]
- + Multi-purpose [antibacterial] [cleaner] [spray] [disinfectant] on hard, non-porous surfaces
- + Antibacterial [daily] [cleaner] [cleanser] [spray] [disinfectant]
- + [Contains] no [harsh] [harmful] [lingering] [cleaning] chemicals
- + [Easy] [and] [convenient] to use
- + For [daily] [everyday] use
- + For a cleaner, fresher [bathroom] [kitchen] [home] [house] [pet areas], [kennel], [litter box] [nursery]
- + Use without gloves
- + For clean [Cleaning] [Cleansing] and disinfected [disinfecting] hard, non-porous surfaces [in] [homes] [nurseries] [play rooms]
- + For use [Daily use] [[For] [Everyday] use] [Suitable for use] [on] hard, non-porous surface [of] [for] [around] [pacifiers] [teethers] [kid's toys] [baby toys] [baby area[s]] [baby surfaces] [children's [play] area[s]] [kids' [play] area[s]] [kids' surfaces] [pet area[s]] [pet surfaces] [pet toys] [pets] [kitchen area[s]] [kitchens] [[kitchen] countertops] [cutting boards] [food contact surfaces] [highchairs] [refrigerators (exterior surfaces)] [refrigerator shelves (allow to come to room temperature before treating)] [pet [water] bowls] [pet beds] [pet crates] [bathroom areas] [[bathroom] make-up [counters] [vanities]] [tooth brush holders]
- + Great for [daycare] [lavatory] [restaurant] [office] [school] use!
- + Great for [all around] [the] [house] [home] [kitchen] [nursery]
- + [Pre-clean] Spray visibly wet and allow to air-dry. [no rinsing –or- wiping [is] necessary]
- + Leaves a streak-free shine
- + Leaves no harsh [chemical] residue
- + Leaves surfaces shiny
- + No harsh [chemical[s]] [residue] [left] [behind]
- + No harsh chemicals = No need to rinse
- + No [harsh fumes] [accidental whitening]
- + No rinsing [necessary] [required]
- + Non-abrasive formula
- + For [hard, non-porous] surfaces that water won't harm
- + [Clean] [-] [Cleanse] [-] [or] [-] [Disinfect] without rinsing
- + [Targeted] [Complete] [Coverage [and] [Spray]
- + For use around [home] [kitchen] [house] [bathroom]
- + [Use] for [preschool] [daycare] [office] [assisted living] [senior care] kitchens
- + No [harsh] chemical residue [=no rinse] [=no need to rinse] [required]
- + For use on all hard, non-porous [kitchen] surfaces
- + Breaks Down to Saline Solution
- + Tough on Germs*
- + Use around hard, non-porous Pet water bowls
- + [Destroys 99.9%] [Controls] [Eliminates 99.9%] [Kills] [of] [the] germs* on hard, non-porous [animal] [pet] [children's] [kid's] [baby] toys
- + [Destroys 99.9%] [Controls] [Eliminates 99.9%] [Kills] [of] [the] germs* on hard, non-porous [animal] [pet] chew toys

- +Spray on hard, non-porous pet chew toys, no rinse required
- +Destroys 99.9% Controls Eliminates 99.9% Kills of the germs* found on non-porous chew toys
- +Stop the spread of germs* between hard, non-porous surfaces, spray on animal chew toys
- +Destroys 99.9% Controls Eliminates 99.9% Kills of germs*, yet effective enough to use on pet cages crates
- +For use in kennels litter box pet areas
- +Controls stops prevents pet odors from bacteria
- +While it's tough on bacteria, it's gentle on surfaces
- +No harm after pet contact with product
- +Rinse-Free Spray; use on around hard, non-porous highchairs and children's kid's baby toys
- +Breathe Easy: Fragrance Free No Harsh Fumes No Harsh Chemicals
- +Phenol Free
- +Alcohol Free
- +Bleach Free
- +Daily Everyday Surface Cleaner Cleanser & Disinfectant for baby's room
- +For Everyday use on insert use site in the kitchen nursery bathroom house home
- [Baby] Toy Cleaner Cleanser & Disinfectant
- +No Rinse Just Spray & Play No Wipe
- +Destroys 99.9% Controls Eliminates 99.9% Kills of Germs* Bacteria & Viruses**
- +Destroys 99.9% Controls Eliminates 99.9% Kills of Germs* Bacteria Viruses** Bacteria & Viruses**
- +No Rinse Required
- +Cleans the mess and kills the germs*
- +Spray anywhere everywhere on hard, non-porous surfaces In Nursery
- +Kills odor causing bacteria Pet
- +For use in newborn nurseries
- +For use in neonatal nurseries
- +No Dyes
- +Non-porous, Hard Surface Kennel Disinfectant
- +Disinfecting Disinfectant Spray
- +Suitable for use on hard, non-porous surfaces of high chairs, changing tables, baby toys
- +No need to rinse
- +Contains only three simple ingredients water, salt and Hypochlorous acid
- +Contains nothing but water, salt, and Hypochlorous acid
- +Daily surface cleanser
- +Daily Cleanser for Baby's Room
- +No harsh chemical[s] residue left behind
- +Suitable for use as a peroxide alternative

EMERGING VIRAL PATHOGENS CLAIMS

{These statements for claims against emerging viral pathogens shall not appear on marketed (final print) product labels.}

This product qualifies for emerging viral pathogen claims per the EPA's 'Guidance to Registrants: Process for Making Claims Against Emerging Viral Pathogens not on EPA-Registered Disinfectant Labels' when used in accordance with the appropriate use directions indicated below.

This product meets the criteria to make claims against certain emerging viral pathogens from the following viral categories:

- Enveloped Viruses
- Large, non-enveloped virus

For an emerging viral pathogen that is a/an...	...follow the directions for use for the following organisms on the label (contact time):
Enveloped Virus	Murine Norovirus & Feline Calicivirus
Large, non-enveloped virus	Murine Norovirus & Feline Calicivirus

Aquaox Disinfectant 525 has demonstrated effectiveness against viruses similar to [name of emerging virus] on hard, non-porous surfaces. Therefore, Aquaox Disinfectant 525 can be used against [name of emerging virus] when used in accordance with the directions for use against [name of supporting virus(es)] on hard, non-porous surfaces. Refer to the [CDC or OIE] website at [pathogen-specific website address] for additional information.

[Name of illness/outbreak] is caused by [name of emerging virus]. Aquaox Disinfectant 525 kills similar viruses and therefore can be used against [name of emerging virus] when used in accordance with the directions for use against [name of supporting virus(es)] on hard, non-porous surfaces. Refer to the [CDC or OIE] website at [website address] for additional information.”

GENERAL CLAIMS

- + Convenient
- + Easy to Handle
- + For General Use
- + For use on Bathroom Surfaces
- + For use on Nursery Surfaces
- + For use in Athletic Facilities
- + For use on Athletic Equipment
- + Suitable for HOSPITAL USE
- + Will not Harm Surfaces listed in Tables 1 – 4
- + Will not Harm Hard, Non-Porous Inanimate Environmental Surfaces
- + Will not Harm Titanium-Coated, Medical Grade Stainless Steel

TABLE ONE: Medical Environments

USE SITES

- + Ambulances - or - Emergency Medical Transport Vehicles
- + Anesthesia Rooms - or - Areas
- + Assisted Living - or - Full Care Nursing Homes
- + CAT Laboratories
- + Central Service Areas
- + Central Supply Rooms - or - Areas Critical Care Units - or - CCUs
- + Dialysis Clinics
- + Emergency Rooms - or - RS (Registered Sanitarian) Health Care Settings - or Facilities
- + Home Health Care Settings
- + Hospitals
- + Intensive Care Units - or - ICU Laboratories
- + Medical - or - Physician's - or - Doctor's Offices Newborn - or - Neonatal Nurseries
- + Medical Clinics
- + Medical Facilities
- + Nursing - or - Nurses' Stations
- + Orthopedic Clinics
- + Outpatient Clinics
- + Patient Restrooms
- + Patient Rooms
- + Pediatric Examination Rooms - or - Areas
- + Pharmacies
- + Physical Therapy Rooms - or - Areas
- + Radiology - or - X-Ray Rooms - or - Areas
- + Surgery Rooms - or - Operating Rooms - or - ORs

HARD NON-POROUS SURFACES (Applicable to Surface Materials listed below)

- + Bed pans
- + Exam - or - Examination Table
- + External surfaces of Medical Equipment - or - Medical Equipment surfaces
- + External surfaces of Ultrasound Transducers
- + Gurneys
- + Hard, Non-Porous Environmental Hospital - or - Medical Surfaces
- + Hospital - or - Patient Bed Railings - or - Linings - or - Frames
- + IV Poles
- + Patient Chairs
- + Plastic Mattress Covers
- + Reception Counters - or - Desks - or - Areas
- + Stretchers
- + Wash Basins
- + Wheelchairs

TABLE TWO: Dental Environment

USE SITES

- + Dental Operatory rooms
- + Dental - or - Dentist's Offices

HARD NON-POROUS SURFACES (Applicable to Surface Materials listed below)

- + Dental Countertops
- + Dental Operatory Surfaces
- + Dentist - or - Dental Chairs
- + Hard, Non-Porous Environmental Dental Surfaces
- + Light Lens Covers
- + Reception Counters - or - Desks - or - Areas

TABLE THREE: Veterinary Environments

Animal Premises: Remove all animals and feed from the premises, vehicles and enclosures. Remove all litter, droppings and manure from the floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap and/or detergent and rinse with water.

Apply **Aquaox Disinfectant** and saturate surfaces with solution for 10 minutes. Immerse all hard, non-porous equipment used in handling and restraining animals as well as forks, shovels and scrapers used for removing litter and manure.

After application, ventilate buildings, coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before reuse.

USE SITES

- + Animal - or - Pet Grooming Facilities Kennels
- + Animal Housing Facilities
- + Animal Life Science Laboratories
- + Livestock - and/or - Swine - and/or - Poultry Facilities
- + Pet Areas
- + Pet Shops - or - Stores
- + Small Animal Facilities
- + Veterinary - or - Animal Hospitals
- + Veterinary Clinics - or - Facilities
- + Veterinary Offices

HARD NON-POROUS SURFACES (Applicable to Surface Materials listed below)

- + Animal Equipment Automatic Feeders
- + Cages
- + External surfaces of Veterinary Equipment
- + Feed Racks
- + Fountains
- + Hard, Non-Porous Environmental Veterinary Surfaces
- + Pens
- + Reception Counters - or - Desks - or - Stall Areas
- + Troughs
- + Veterinary Care Surfaces
- + Watering Appliances

TABLE FOUR: Miscellaneous / General Environments

USE SITES

- + Airplanes
- + Blood Banks
- + Boats
- + Bowling Alleys
- + Chillers, allow surface to come to room temperature
- + Churches
- + Colleges
- + Correctional Facilities
- + Cruise Lines
- + Day Care Centers
- + Dormitories
- + Factories
- + Funeral Homes
- + Grocery Stores
- + Gymnasiums - or - Gyms
- + Health Club Facilities
- + Hotels
- + Industrial Facilities
- + Laundromats
- + Laundry Rooms Locker Rooms
- + Manufacturing Facilities
- + Manufacturing Plants - or - Facilities
- + Military Installations
- + Motels
- + Preschool Facilities
- + Public Areas
- + Recreational Centers - or - Facilities
- + Restrooms - or - Restroom Areas
- + School Buses
- + Schools
- + Shelters
- + Shower Rooms
- + Storage Rooms - or - Areas
- + Supermarkets
- + Trains
- + Universities
- + Wineries
- + Yachts

HARD NON-POROUS SURFACES (Applicable to Surface Materials listed below)

- + Bath Tubs
- + Bathroom Fixtures
- + Behind and under Counters
- + Behind and under Sinks
- + Booster Chairs
- + Cabinets Ceilings
- + Cellular - or - Wireless - or - Mobile - or - Digital Phones
- + Chairs
- + Computer Keyboards
- + Computer Monitors
- + Counters - or - Countertops
- + Cribs
- + Desks
- + Diaper - or - Infant Changing Tables
- + Diaper Pails
- + Dictating Equipment Surfaces
- + Doorknobs
- + Exterior - or - external Toilet Surfaces
- + Exterior - or - external Urinal Surfaces
- + Faucets
- + Floors
- + Garbage - or - Trash Cans
- + Grocery store - or - Supermarket Carts
- + Hampers
- + Hand Railings
- + Headsets
- + Highchairs
- + Lamps
- + Linoleum
- + Playpens
- + Shelves
- + Showers - or - Shower Stalls
- + Sinks
- + Stall Doors
- + Tables
- + Telephones
- + Tiled Walls
- + Toilet Rims
- + Toilet Seats
- + Towel Dispensers
- + Toys
- + Vanity tops - or - Vanities
- + Other Telecommunications Equipment Surfaces

SURFACE MATERIALS

- + Baked enamel
- + Chrome
- + Common Hard, Non-Porous Household - or - Environmental Surfaces
- + Formica
- + Glass
- + Glazed Ceramic Tile
- + Glazed Porcelain
- + Glazed Porcelain Enamel
- + Laminated Surfaces
- + Plastic Laminate
- + Similar Hard, Non-Porous Surfaces except those excluded by the Label
- + Stainless Steel
- + Synthetic Marble
- + Vinyl Tile

Not Recommended For Use On - or - Avoid Contact With

- + Aluminum Brass
- + Chipped Enamel
- + Clear Plastic
- + Clothes
- + Copper
- + Fabrics
- + Gold
- + Natural Marble
- + Natural Rubber
- + Painted Surfaces
- + Paper Surfaces
- + Sealed Granite
- + Silver
- + Unfinished Wood
- + Wood

STORAGE AND DISPOSAL

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

Storage: Store this product in its original sealed container at room temperature, away from direct sunlight and heat to avoid deterioration.

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.

Container Handling:

For plastic containers less than or equal to 5 gallons:

Nonrefillable container. Do not reuse or refill this container except *as allowed in the directions for use*. Offer for recycling if available or dispose of in a sanitary landfill.

For plastic containers greater than 5 gallons:

Refillable container. Refill this container with Aquaox Disinfectant only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, Full the container $\frac{1}{4}$ with water and recap. Shake for 10 seconds. Pour rinsate contents into sewer.



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

EPA Reg. Number:
 93392-3

Date of Issuance:
 8/10/23

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:
 Unconditional

Name of Pesticide Product:
 Aquaox Disinfectant 1650

Name and Address of Registrant (include ZIP Code):

Brian Hogan
 Agent for
 Aquaox LLC
 17355 Hamlin Blvd
 Loxahatchee, FL 33470
 Electronic Transmittal: [brianhogan330@gmail.com]

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 (FIFRA).

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.

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 Team 32
 Regulatory Management Branch 1
 Antimicrobials Division (7510P)

Date:

8/10/23

2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 93392-3."
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 FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). 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) lists 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, FIFRA section 12(a)(1)(B). 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 Assurance.

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 12/16/2022

If you have any questions, please contact Jack Hall by phone at (202)566-0731, or via email at hall.john.j@epa.gov

Sincerely,



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

Enclosure

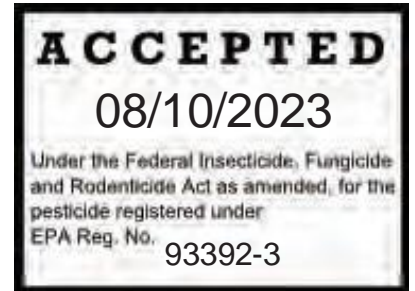
Throughout the label { } used for Notes to Reviewer [] used for optional text and () is used for required clarifications and acronyms.

Aquaox Disinfectant 1650

[Alternate Brand Names: Aquaox Difficile 5min]

Ready to Use Disinfectant for Hard Non-Porous Surfaces

For Institutional, Commercial and Household Use



Active Ingredient:

Hypochlorous Acid..... 0.165%

Other Ingredients.....99.835%

Total: 100.000%

[Contains 2250 ppm Free Available Chlorine (FAC)]

KEEP OUT OF REACH OF CHILDREN

NET CONTENTS: _____

EPA Est. No. 93392-G
EPA Est. No. XXXXX-XX-X

Manufactured by:

AQUAOX LLC
17355 Hamlin Boulevard
Loxahatchee, Florida 33470
Phone No.: 800-790-7520
Email: info@aquaox.net

Date produced: _____

Aquaox Disinfectant 1650 must be used within 30 days of production or tested with a chlorine test strip. Do not use product when chlorine concentration is below 1490 ppm.

Aquaox Disinfectant 1650 is a Hypochlorous Acid solution produced by passing an aqueous saline solution (brine) through 1 or more electrolytic cells. The current within the electrolytic cell(s) splits the sodium chloride compound into two separate fluids. One fluid is Hypochlorous Acid, a powerful oxidizing agent exhibiting antimicrobial properties.

Aquaox Disinfectant 1650 is produced at a near neutral pH, (approximately pH 6.5) where the predominant antimicrobial agent is Hypochlorous Acid, an efficient and efficacious species of chlorine. Hypochlorous Acid kills bacteria, fungi, molds, viruses and spores.

Aquaox Disinfectant 1650 properties are closely controlled by controlling the voltage and the current to the electrolytic cell(s), brine conductivity, temperature and flow rate through the cells as well as the pH of the Hypochlorous Acid generated in the cell(s).

Aquaox Disinfectant 1650 freezes at 32°F and boils at 212°F. It is a colorless and aqueous solution with a slight chlorine or ozone odor.

After production, **Aquaox Disinfectant 1650** must be stored in a closed plastic container in a cool and dark area away from direct sunlight.

Aquaox Disinfectant 1650 is intended to be used soon after being produced.

PRECAUTIONARY STATEMENTS

Physical or Chemical Hazards: Do not mix Aquaox Disinfectant 1650 with other chemicals such as other household or industrial chemicals such as toilet bowl cleaners, rust removers, acids, strong bases, or products containing ammonia.

[Prolonged contact with metal may cause pitting or discoloration.] [Wiping metal surfaces, after drying, with a clean water-dampened soft cloth helps ensure best protection from pitting or discoloration.]

DIRECTIONS FOR USE

It is a violation of the federal law to use this product in a manner inconsistent with its labeling.

To Clean, Disinfect, and Deodorize Hard, Non-Porous Surfaces and/or Floors: Visibly soiled areas must be pre-cleaned prior to application. Spray onto surfaces and allow to remain visibly wet for 1 minute. Then air dry or wipe dry. Rinse or wipe dry on metal surfaces.

Trigger bottle:

Follow the instructions below when applying Aquaox Disinfectant 1650 with a trigger bottle for hard, non-porous surface disinfection.

To Refill: Remove Trigger sprayer. Empty container. Pour in **Aquaox Disinfectant 1650** from refill container and attach Trigger sprayer.

To Operate: Turn nozzle to ["ON"] [desired] position

To Spray: Target to be disinfected area and pull trigger to spray **Aquaox Disinfectant 1650** on surface.

Spray Applicator

Follow the instructions below when applying with a spray applicator for hard, non-porous surface disinfection: (1) Remove disinfectant liquid at or over 1-week-old from the liquid storage tank; (2) Fill the empty liquid storage tank with fresh **Aquaox Disinfectant 1650** liquid; (3) Turn on the power on the main electrical switch; (4) Pull out the spray gun and point towards the target area to be sprayed; (5) Press the sprayer button and start spraying at a recommended distance of between 1½ – 4 ft. from the target area; (6) When applying to a large, hard, non-porous surface, use a recommended motion of a 3-ft., side-by-side motion. Allow an overlap of 50% of the sprayed area when spraying from the top to the bottom, and an overlap of 10% when spraying adjacent areas; (7) Sprayed surfaces must remain visibly wet for 10 minutes. Allow surfaces to air dry. Do not use on utensils, glasses or dishes.

This product is not to be used as a terminal sterilant / high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical devices prior to sterilization or high-level disinfection.

* Microorganism Table

Target Pathogens for Disinfection	Strain	Contact Time
Staphylococcus aureus	ATCC 6538	1 Minute
Pseudomonas aeruginosa	ATCC 15442	1 Minute
† Rhinovirus 16	ATCC VR-283	1 Minute

To Clean and Deodorize Toilet Bowls and/or Urinals and/or Bidets above the water line: Remove visible soil prior to disinfection. Empty toilet bowl or urinal and liberally spray to exposed surfaces including under the rim until the surface is thoroughly wet. Brush or swab all surfaces thoroughly. Treated surfaces must remain visibly wet for at least 1 minute before flushing again. Allow to air dry.

To Clean and Disinfect Hard, Non-Porous Surfaces in Veterinary / Animal Facilities and Kennels: Remove all litter, droppings, and manure from walls, floors, and surfaces or facilities occupied or traversed by animals. Empty all feeding and watering equipment. Remove visible debris from surfaces before applying this product. Spray onto the surface until thoroughly wet. Allow surfaces to remain visibly wet for 1 minute. Rinse or wipe dry on metal surfaces.

Refilling Spray Bottle: Refill this container with Aquaox Disinfectant 1650 only. Do not reuse this container for any other purpose. Twist spray cap counter-clockwise. Clean container promptly after emptying. Refill the bottle with the amount of solution intended for use. Store remainder in the pouch in a cool, dark place. Replace cap by twisting clockwise to tighten spray head on the bottle.

USE SITES

Hard, Non-porous Use Sites: General

- Agricultural facilities
- Agriculture Facility[s]
- Airplanes
- Airports
- Animal [Cages] [Equipment]
- Animal [Feed Rack]
- Animal [Utensils] [Instruments]
- Apartments
- Arcades
- Automobiles

- Bars, breweries, distilleries
- Basements
- Bathroom facilities
- Bed rail, frame, headboard, footboard
- Beverage shops
- Bidet
- Blood Banks
- Boats
- Booster seat
- Bowling Alleys
- Bus
- Businesses
- Cafeteria[s]
- Call Centers
- Campers
- Cars
- Carts
- Catteries
- Chair
- Churches or Religious Facilities
- Coffee shops
- Coliseums
- Colleges and Universities
- Colleges
- Commercial buildings
- Condominiums
- Construction Site
- Convention Center
- Convenience stores
- Cooler (exterior surfaces)
- Counter Tops
- Cribs
- Cruise Liners or Ships
- Day care center or Schools
- Delicatessens
- Desk
- Dishes
- Doorknob
- Facilities
- Faucet
- Fish Cleaning Station and equipment
- Fitness centers
- Fitness facilities
- Floors
- Food processing facilities
- Food service facilities
- Food serving areas
- Glassware
- Grocery stores
- Medical Gurneys
- Hamper
- Handrails
- Homes
- Hospitals, health clinics, physician offices, dental offices, chiropractic offices, acupuncture facilities
- Hotels, Motels, bed-and-breakfasts, hostels
- Indoor playgrounds
- Industrial and commercial facilities
- Kennels
- Laboratories
- Light Switches
- Locker rooms
- Meeting Rooms
- Microwave Surface
- Nursing Homes
- Office buildings
- Oven Surface (room temperature)
- Parks
- Pet Care Facilities
- Pharmaceutical and medical device-producing establishments
- Physical therapy facilities
- Police and fire stations
- Prisons and correctional facilities
- Public restrooms
- Recreational Centers -or- Facilities
- Recreational facilities
- Refrigerator (exterior surfaces)
- Rehabilitation facilities
- Restaurants
- Restrooms -or- Bathroom Areas
- Retail and wholesale establishments
- Schools
- Seafood warehousing and/or fisheries]
- Shelf
- Showers and Shower Curtains
- Ships
- Shops
- Sinks
- Stables
- Storage areas
- Subway, Tram, Metro-line Equipment
- Tables
- Tackle Boxes

- Toilet (Exterior Surfaces)
- Trains
- Transit facilities
- Truck Cabs
- Trucks
- Urinal
- Vanity top

- Vehicles
- Veterinary clinics and animal hospitals
- Vinyl Tile
- Water Drinking fountain
- Wheelchair
- Yachts

Hard, Non-porous Use Sites: Medical/Dental

- Blood, Plasma, Semen, Bone Marrow, Milk, Apheresis Donation Centers
- [Eye] Examination Rooms – or – Areas
- [Eye] Surgical Centers
- Ambulances or Emergency Medical Transport Vehicles
- Ambulatory Surgery Centers
- Anesthesia Rooms or Areas
- Assisted Living or Full Care Nursing or Retirement Homes or Convalescent Centers
- CAT Laboratories Central Service Areas
- Central Supply Rooms or Areas Hoods
- Chiropractic Office Clinics
- Critical Care Units or CCUs
- Dental or Dentist's Offices
- Dental countertops
- Dental Facilities
- Dental operatory surfaces
- Dentist or dental chairs Hard, non-porous environmental dental surfaces
- Dialysis Clinics
- Emergency Rooms or Examination Rooms
- Examination or Exam Rooms or Areas
- Health Care Settings or Facilities
- High Touch Surfaces
- Home Health Care Settings
- Hospices
- Hospitals
- Intensive Care Units
- Isolation Areas or Rooms
- Laboratories
- Medical Clinics, Medical Facilities Medical or Physician's Offices
- Neonatal Intensive Care Units [(NICU)] Newborn – or – Neonatal Nurseries
- Nursing or Nurses' Stations
- Ophthalmic Offices
- Optometry Offices
- Orthopedics
- Outpatient Clinics
- Outpatient Surgical Centers
- Patient Care Areas
- Patient Restrooms
- Patient Rooms
- Pediatric Intensive Care Units
- Pharmacies
- Physical Therapy Rooms or Areas
- Physicians' Offices
- Medical or Surgical Procedure Rooms
- Radiology or X-Ray Rooms or Areas
- Reception counters or desks or areas
- Recovery Rooms
- Rehabilitation Therapy Facilities
- Surgery Rooms
- Transport Vehicles X-Ray Rooms

Hard, Non-porous Use Sites: Veterinarian

- Coops
- Zoo Facilities

- [Aviaries

- Amphibian Areas
- Animal or Pet Grooming Facilities
- Animal equipment automatic feeders

- Animal Housing Facilities
- Animal Life Science Laboratories
- Aquariums
- Cages External surfaces of veterinary equipment
- Feed Lots
- Fountains
- Hard, non-porous environmental veterinary surfaces
- High Touch Surfaces
- Kennels
- Livestock, Swine, Equine, Poultry Facilities
- Pet Areas, Pens
- Pet Hotels or Motels
- Pet Shops or Stores
- Reception areas
- Small Animal Facilities
- Stalls
- Toys, non-porous
- Troughs
- Veterinary care surfaces
- Veterinary Clinics, Facilities, animal hospitals
- Watering appliances

Hard, Non-porous Use Sites: Athletic Facilities

- Bands
- Benches
- Climbing Walls
- Door Handles
- Elliptical
- Exercise Balls or Medicine Balls
- Exercise Bike
- Exercise Equipment
- Gymnastics Mats
- Helmets
- High Touch Surfaces
- Jump Ropes
- Locker Rooms
- Massage Tables
- Mats
- Personal Storage or Cubbies
- Pool
- Protective Gear
- Pylo Boxes
- Reception counters and desks
- Row Machine (handles and seats)
- Sauna
- Stair Machine
- Steam Room
- Storage Bins
- Treadmill
- Weight Plates
- Wrestling Mats
- Yoga Blocks

Hard, Non-porous Use Sites: School or Childcare Facility

- Baby toys
- Break Rooms
- Chairs
- Children's Play Table and Chairs
- Children's Wading Pool
- Cribs
- Desks
- Diaper or infant changing tables and

Diaper pail

- Dining Rooms/Halls
- Drinking Fountains
- Exam Examination Tables
- Garbage and trash cans
- High Touch Surfaces
- Highchair Trays
- Highchairs
- Medical Surfaces
- Nurse office

- Offices and Reception counters and desks
- Patient Care Areas
- Patient Restrooms Patient Rooms
- Pencil boxes
- Personal Storage or Cubbies
- Play Sets
- Playpens
- Playpens and Play Sets
- Potty Chairs

- Recovery Rooms
- Riding Toys
- Sinks
- Stroller handles and Trays
- Student and Patient Areas Rooms
- Tables
- Tiled walls
- Toilet rims
- Toilet seats
- Toys

USE SURFACES

- Sealed Enamel
- Formica
- Glass
- Glazed porcelain
- Glazed tile
- Laminated Surfaces
- Linoleum
- Synthetic Marble
- Vinyl

- Mirrors
- Non-porous plastic
- Polyacrylic
- Polycarbonate
- Sealed stone surface
- Sealed Tile

Before using on metal or unsealed stone surfaces, test in an inconspicuous place for color washout or contact incompatibility.

EMERGING VIRAL PATHOGENS CLAIMS

{Note to Reviewer: These statements for claims against emerging viral pathogens shall not appear on marketed (final print) product labels.}

This product qualifies for emerging viral pathogen claims per the EPA's 'Guidance to Registrants: Process for Making Claims Against Emerging Viral Pathogens not on EPA-Registered Disinfectant Labels' when used in accordance with the appropriate use directions indicated below.

This Product meets the criteria to make claims against certain emerging viral pathogens from the following viral categories:

- Enveloped Viruses
- Large Non-Enveloped Viruses

For an emerging viral pathogen that is a/an...	...follow the directions for use for the following organisms on the label:
Enveloped Virus	Rhinovirus 16
Large, non-enveloped virus	Rhinovirus 16

Aquaox Disinfectant 1650 has demonstrated effectiveness against viruses similar to [name of emerging virus] on hard, nonporous surfaces. Therefore, Aquaox Disinfectant 1650 can be used against [name of emerging virus] when used in accordance with the directions for use against Rhinovirus 16 on hard, non-porous surfaces.

Refer to the [CDC or OIE] website at [pathogen-specific website address] for additional information. [Name of illness/outbreak] is caused by [name of emerging virus]. Aquaox Disinfectant 1650 kills similar viruses and therefore can be used against [name of emerging virus] when used in accordance with the directions for use against Rhinovirus 16 on hard, non-porous surfaces. Refer to the [CDC or OIE] website at [website address] for additional information.

MARKETING CLAIMS

- Directions: Spray on cleaned surfaces and allow to air dry
- No wiping needed
- See attached insert for directions for use, storage and disposal statements.
- a cost-effective disinfecting solution;
- produced with low energy and low costs from water and salt;
- produced in a single-stage process by a simple electrolytic cell;
- produced for use in medical, institutional, industrial and commercial applications and

- produced with a controlled pH and controlled concentration of Free Available Chlorine (FAC).
- Aquaox Disinfectant 1650 leaves no residue.
- Aquaox Disinfectant 1650 is made from salt and water.
- Aquaox Disinfectant 1650 will eventually degrade back to salt and water.
- 3 in 1 Formula (cleaner, deodorizer and disinfectant)
- A mild, non-irritating way to clean
- Active ingredient, hypochlorous acid (HOCl), derived from naturally occurring salt minerals and water
- Aids in the reduction of cross-contamination between treated surfaces
- Assures proper strength, product effectiveness and standardizes technique
- Bactericide or Bactericidal; Germicide*; Germicidal*
- Alcohol Free
- Athletic Facility Disinfectant
- Bathroom Disinfectant
- Bleach free
- Broad spectrum disinfectant
- Broad Spectrum Disinfectant + One-Step Cleaner / Disinfectant when Disinfection Directions are followed
- [Eliminates] [removes] Odors
- Non-greasy [formula]
- Cleans and Disinfects Hard, Non-Porous Surfaces
- Cleans quickly
- Cleans, Deodorizes and Disinfects

- Consumer Disinfectant
- Commercial Disinfectant
- Cruise Line Disinfectant
- Deodorizes by Killing Odor-Causing Bacteria
- Disinfectant to go
- Disinfecting formula
- Disinfects [common] hard, non-porous household surfaces
- Disinfects and Cleans
- Disinfects and Deodorizes by Killing Bacteria and their Odors
- Disinfects and deodorizes by killing bacteria and their odors
- Easy and Convenient Disinfecting
- Easy One-Step Cleaning and Disinfecting when Disinfection Directions are followed
- Effective against - or - Kills Organisms mentioned in Microorganism Table
- Effectively Disinfects Hard, Non-Porous, Environmental Surfaces
- Eliminates - or - Reduces Odors caused by Bacteria + Eliminates odors at their source; bacteria + Disinfects Hard Surfaces
- Eliminates – or – Removes [smoke] [urine] [feces] [fish] [foul] [body] odors
- Eliminates – or – Removes food odors
- Eliminates – or – Removes pet odors [like urine – and/or – feces – and/or – vomit – and/or – “wet dog” smell]
- Eliminates odors at their source; bacteria
- Kill[s] - and/or - Effective against Pseudomonas aeruginosa
- Kill[s] - and/or - Effective against Rhinovirus
- Kill[s] - and/or - Effective against Staphylococcus aureus
- For daily use [disinfection]
- For use in {insert one or more of the Use Sites listed on the label}
- For use in {list any use site[s]} [applications] [environment]
- For use in kennels, litter box, pet areas
- For use on high touch surfaces
- Fragrance free [formula] [will not irritate your [dog's] [pet's] nose]
- Freight Disinfectant
- Fresh clean scent
- Hospital Disinfectant
- Hypochlorous Acid [(HOCl)] Solution
- Industrial Disinfectant
- Janitorial [Jan-San] Disinfectant
- Kills – or – Effective against pathogens*
- Kills bacteria
- Kills common household bacteria* – and/or – viruses†
- Kills common bacteria*
- Kills odor-causing bacteria
- Kitchen disinfectant
- Leaves no [sticky] [greasy] [flammable] [harmful] [harsh] [chemical] residual – or – residue [on surfaces] [after evaporation]
- Made in the USA {may include graphic of American flag}
- Multi-Purpose Cleaner, Disinfectant and Deodorizer
- No harsh chemicals, residue, left, behind
- No harsh fumes to irritate [children]

- No harsh fumes to irritate [pet] [dog]
- No mixing required
- No rinse formula
- No rinsing required
- No wiping required
- No worries about pet licking after cleaning
- Non-irritating to the skin
- Non-sticky [formula]
- Nursery Disinfectant
- One-Step Cleaner and Disinfectant (when Disinfection Directions are followed) designed for General Cleaning and Disinfecting Hard, Non-Porous Environmental Surfaces in Health Care Facilities
- Phenol free [formula]
- Public Transportation Disinfectant
- Contains no quaternary ammonium compounds
- Ready-to-use [cruise line] [daycare] [dental] [hospital] [household] [institutional] [residential] [veterinarian] disinfectant
- Ready-to-Use Hospital Disinfectant
- Residential Disinfectant
- Retail Disinfectant
- Rinse free spray, formula
- The simple solution for a clean[er] home
- The smell of clean
- This Product was tested using the AOAC Test Methods
- Use for a [fresh] [home] [environment] [kitchen]
- Use in Public - or - Common Places where Bacteria may be of concern on Hard, Non-Porous Surfaces
- Use in Public - or - Common Places where Bacteria may be of concern on Hard, Non-Porous Surfaces
- Use where Control of the Cross-Contamination between Treated Hard Nonporous Surfaces is of Importance
- Use where Control of the Hazards of Cross-Contamination between Treated Hard Non-Porous Surfaces is of Importance
- Use without gloves
- Veterinarian Disinfectant
- Veterinarian Disinfectant
- Virucide† – or – Virucidal†
- VOC free [formula]
- Worry free use in [kennels] [litter box] [pet areas] [baby rooms] [nurseries]
- Germicide*

OPTIONAL GRAPHICS



STORAGE AND DISPOSAL

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

Storage: Store this product in its original sealed container at room temperature or cool place away from direct sunlight and heat.

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.

Container Handling:

{Use This Language for Pouches}

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.

{Use This Language for Spray Bottles}

Refillable container. Refill this container with Aquaox Disinfectant 1650 only. Follow refilling instructions provided in the Directions for Use. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean container, rinse thoroughly with water.

WARRANTY

Aquaox LLC warrants that this product conforms to the product specification on this label and is reasonably fit for the purposes set forth in the Directions for Use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE

3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 95292-1.”
4. 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 FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). 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) lists 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, FIFRA section 12(a)(1)(B). 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 Assurance.

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 12/28/2021

If you have any questions, please contact Wanda Henson by phone at (202) 566-0650, or via email at henson.wanda@epa.gov

Sincerely,



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

Enclosure



AQUAOX™ Disinfectant & Cleaner Safety Data Sheets





Safety Data Sheet

AQUAOX™ CLEANER 112

SECTION I – IDENTIFICATION

Product Name: AQUAOX™ Cleaner 112 | Product Number: AX112
Product Description: 0.02% Sodium Hydroxide Solution generated Electro-Chemically from Diluted Brine
Container: 2 oz 4 oz 16 oz 1 gallon 15 gallon 55 gallon 330 gallon
3.5 oz 8 oz 32 oz 5 gallon 30 gallon 275 gallon 660 gallon
CAS Number: None (Mixture)
Recommended Use: This product is a ready-to-use, all-purpose surface cleaner for removing grease and oil deposits.
Restricted Use: This product is not for human or animal use.

Manufacturer: AQUAOX™ LLC
Address: 17355 Hamlin Blvd., Loxahatchee, Florida, 33470 USA
Number: (800) 790-7520
Chemtrec Emergency Number: (800)-424-9300

SECTION II – HAZARDS IDENTIFICATION

The following values are obtained using the guidelines prepared by the National Fire Protection Association (NFPA) and the American Coatings Association.

<u>HMIS Rating:</u>	<u>NFPA/HMIS Definitions</u>
• Health = 0	0 = Minimal Hazard
• Flammability = 0	1 = Slight Hazard
• Physical = 0	2 = Moderate Hazard
• Reactivity = 0	3 = Serious Hazard
	4 = Severe Hazard

Hazard Information Disclosures:

TSCA: All chemicals in this product are listed on the EPA TSCA inventory list.
CERCLA / SARA: This product does not fall under any hazardous categories under SARA Sections 311 and 312.
OSHA: This product is not a hazardous chemical as defined by the OSHA Hazard Communication Standard, 29 CFR § 1910.1200.

Product Label on Hazard Information:

- Keep out of Reach of Children

SECTION III – COMPOSITION AND INFORMATION ON INGREDIENTS

<u>Component(s)</u>	<u>CAS #</u>
Water	7732-18-5
Sodium Hydroxide	1310-73-2
Sodium Chloride	7647-14-5

The product contains a maximum of 200 ppm (0.02%) disassociated Sodium Hydroxide (NaOH). Sodium Hydroxide is considered GRAS (Generally Recognized as Safe) under 21 CFR §184.1763.

Safety Data Sheet

AQUAOX™ CLEANER 112

SECTION IV – FIRST-AID MEASURES

Not Applicable. This product has no precautionary First-Aid measurements.

SECTION V – FIRE-FIGHTING MEASURES

Not Applicable, this product is Non-Flammable and Non-Explosive. No extinguishing techniques or equipment are required.

SECTION VI – ACCIDENTAL RELEASE MEASURES

In case of spill or leakages, dike spill with inert absorbent materials (e.g. sand, "oil-dry" or other commercially spill absorbents) to contain and soak spilled liquid. Place wastes into an appropriate waste disposal container. If necessary, neutralize the residue with a dilute solution of acetic acid.

SECTION VII – HANDLING AND STORAGE

Handling: No special handling requirements; follow use instructions on product label. Open air or good room ventilation and appropriate PPE are adequate for the safe use of this product.

Storage: Keep container tightly closed in a dry and well-ventilated place at room temperature. Avoid freezing and extreme heat.

SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION

OSHA PEL: Unknown.

Cal/OSHA PEL: Unknown.

NIOSH REL: Unknown.

ACGIH TLV: Unknown.

Engineering Control: None Required. Open air or good room ventilation is adequate for the safe use of this product.

Personal Protective Equipment (PPE):

Respiratory Protection: Not necessary as long as there is adequate ventilation.

Protective Clothing: Not required under normal conditions of use.

Hand Protection: Not required under normal conditions of use.

Eye Protection: Not required under normal conditions of use.-

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear
Odor:	Odorless
pH:	11.0 – 12.5
Specific Gravity (H ₂ O = 1 at 20°C):	1.00 – 1.06
Density:	8.34 lbs/gal
Viscosity:	Comparable to Water
Boiling Point:	Comparable to Water
Melting Point / Range:	NA
Evaporation Rate:	Comparable to Water
Solubility:	Complete in Water
Flash Point:	NA
Flammability:	Non-Flammable
Explosive Limits:	Non-Explosive
Vapor Pressure (mmHg at 20°C):	NA
Vapor Density:	NA

Safety Data Sheet

AQUAOX™ CLEANER 112

SECTION X – STABILITY AND REACTIVITY

Reactivity:	Not Reactive under recommended handling and storage conditions.
Chemical Stability:	Stable under recommended handling and storage conditions.
Hazardous Reactions:	Product is Not Hazardous.
Conditions to Avoid:	Freezing and extreme heat.
Materials to Avoid	Strong oxidizing agents, strong acids and organic materials.
Hazardous Decomposition Products:	May form under fire conditions; nature of decomposition products is unknown.
Hazardous Polymerization	Will not occur.

SECTION XI – TOXICOLOGICAL INFORMATION

Route of Entry / Exposure: Skin Contact
Eye Contact
Inhalation
Ingestion

Potential Acute Health Effects:

Skin Contact: No potential health effects; product is non-hazardous.

Eye Contact: No potential health effects; product is non-hazardous.

Inhalation: No potential health effects; product is non-hazardous.

Ingestion: No potential health effects; product is non-hazardous.

Potential Chronic Health Effects:

Carcinogenic Effects: Not Applicable.

Mutagenic Effects: Not Applicable.

Teratogenic Effects: Not Applicable.

Developmental: Not Applicable.

Numerical Measures of Toxicity: Unknown.

SECTION XII – ECOLOGICAL INFORMATION

Product presents no hazards to the environment. Product is bio-degradable and eco-friendly.

SECTION XIII – DISPOSAL CONSIDERATION

Dispose of unused product; offer surplus and non-recyclable solutions to a licensed disposal company. Follow local ordinance for waste and recycling.

SECTION XIV – TRANSPORT INFORMATION

DOT: Not DOT regulated. No DOT label required.

IATA: Not dangerous good.

IMDG: Not dangerous good

OSHA: No label required.

NMFL code: 57104

HS code: 3808500

SECTION XV – REGULATORY INFORMATION

See "Hazard Information Disclosures" under Section II.

Safety Data Sheet

AQUAOX™ CLEANER 112

SECTION XVI – OTHER INFORMATION

Preparation Date of Latest Revision: March 1, 2020

Disclaimer:

This Safety Data Sheet (SDS) was prepared in accordance with the provisions and requirements of 29 CFR § 1910.1200(g) and discloses the physical and health hazards of all hazardous chemicals contained in the product described in this SDS. Unless otherwise noted, this SDS does not describe or disclose all of the chemicals/components in the product, some of which may be Trade Secrets.

The information included in this SDS is based on data developed or compiled by AQUAOX™ from open literature, independent laboratory studies, and other available scientific evidence, and is believed to be accurate and complete to the best of our knowledge. However, AQUAOX™ makes no warranty with respect thereto. Anyone intending to use the product described in this SDS should satisfy herself that the Product (1) is suitable for their particular purposes and intended uses, and (2) meets any safety and health standards applicable thereto. It is the obligation of each user of the product described in this SDS to determine and comply with all statutes, local, state and federal requirements, which are applicable to its use, storage and disposal.

Abbreviations:

ACGIH:	American Conference of Industrial Hygienists
CAL/OSHA:	California Division of Occupational Safety and Health
CAS Number:	Chemical Abstracts Service Register Number
CERCLA:	Comprehensive Environmental Response Compensation and Liability Act
DOT:	Department of Transportation
EPA:	Environmental Protection Agency
GRAS:	Generally Recognized as Safe
HMIS:	Hazardous Materials Identification System
IATA:	International Air Transport Association
IMDG:	International Maritime Dangerous Goods
NA:	Not Applicable
NIOSH:	National Institute for Occupational Safety and Health
OSHA:	Occupational Safety and Health Administration
PEL:	Permissible Exposure Limits
REL:	Recommended Exposure Limits
SARA:	Superfund Amendment and Reauthorization Act of 1986
TLV:	Threshold Limit Values
TSCA:	Toxic Substances Control Act of 1976



Safety Data Sheet AQUAOX™ Disinfectant 275

SECTION I – IDENTIFICATION

Product Name: AQUAOX™ Disinfectant 275 | Product Number: AX 275
Product Description: Hypochlorous Acid Solution Generated Electro-Chemically from Diluted Brine
Container Size: 2 oz 4 oz 16 oz 1 gallon 15 gallon 55 gallon 330 gallon
3.5 oz 8 oz 32 oz 5 gallon 30 gallon 275 gallon 660 gallon
CAS Number: None (Mixture)
Recommended Use: This product is a ready-to-use, one-step cleaner and disinfectant for general cleaning and disinfecting on non-porous surfaces.
Restricted Use: This product is not for human or animal use.
Manufacturer: AQUAOX™ LLC
Address: 17355 Hamlin Blvd., Loxahatchee, Florida 33470, USA
Number: (800) 790-7520
Chemtrec Emergency Number: (800)-424-9300

SECTION II – HAZARDS IDENTIFICATION

The following values are obtained using the guidelines prepared by the National Fire Protection Association (NFPA) and the American Coatings Association.

<u>HMIS Rating:</u>	<u>NFPA/HMIS Definitions</u>
• Health = 0	0 = Minimal Hazard
• Flammability = 0	1 = Slight Hazard
• Physical = 0	2 = Moderate Hazard
• Reactivity = 0	3 = Serious Hazard
	4 = Severe Hazard

Hazard Information Disclosures:

TSCA: All chemicals in this product are listed on the EPA TSCA inventory list.
CERCLA / SARA: This product does not fall under any hazardous categories under SARA Sections 311 and 312.
OSHA: This product is not a hazardous chemical as defined by the OSHA Hazard Communication Standard, 29 CFR § 1910.1200.

Product Label on Hazard Information:

- Keep out of Reach of Children

SECTION III – COMPOSITION AND INFORMATION ON INGREDIENTS

<u>Component(s)</u>	<u>CAS #</u>
Water	7732-18-5
Hypochlorous Acid	7790-92-3
Hypochlorite Ion	7681-52-9
Sodium Chloride	7647-14-5

The product contains approximately 300 ppm free available chlorine (FAC).

Safety Data Sheet

AQUAOX™ Disinfectant 275

SECTION IV – FIRST-AID MEASURES

Not Applicable. This product has no precautionary First-Aid measurements.

SECTION V – FIRE-FIGHTING MEASURES

Not Applicable. This product is Non-Flammable and Non-Explosive. No extinguishing techniques or equipment are required.

SECTION VI – ACCIDENTAL RELEASE MEASURES

In case of spill or leakages, dike spill with inert absorbent materials (e.g. sand, "oil-dry" or other commercially spill absorbents) to contain and soak spilled liquid. Place wastes into an appropriate waste disposal container.

SECTION VII – HANDLING AND STORAGE

Handling: No special handling requirements; follow use instructions on product label. Open air or good room ventilation and appropriate PPE are adequate for the safe use of this product.

Storage: Keep container tightly closed in a dry and well-ventilated place at room temperature. Avoid direct light exposure, freezing and extreme heat.

SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION

OSHA PEL: Unknown.

Cal/OSHA PEL: Unknown.

NIOSH REL: Unknown.

ACGIH TLV: Unknown.

Engineering Control: None Required. Open air or good room ventilation is adequate for the safe use of this product.

Personal Protective Equipment (PPE):

Respiratory Protection: Not necessary as long as there is adequate ventilation.

Protective Clothing: Not required under normal conditions of use.

Hand Protection: Not required under normal conditions of use.

Eye Protection: Not necessary under normal conditions of use.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear
Odor:	Slight Chlorine Odor
pH:	6.2 – 7.0
Specific Gravity (H ₂ O = 1 at 20°C):	1.00 – 1.06
Density:	8.34 lbs/gal
Viscosity:	Comparable to Water
Boiling Point:	Comparable to Water
Melting Point / Range:	NA
Evaporation Rate:	Comparable to Water
Solubility:	Complete in Water
Flash Point:	NA
Flammability:	Non-Flammable

Safety Data Sheet

AQUAOX™ Disinfectant 275

Explosive Limits: Non-Explosive
Vapor Pressure (mmHg at 20°C): NA
Vapor Density: NA

SECTION X – STABILITY AND REACTIVITY

Reactivity: Not Reactive under recommended handling and storage conditions.
Chemical Stability: Stable under recommended handling and storage conditions.
Hazardous Reactions: Product is Not Hazardous.
Conditions to Avoid: Direct light exposure, freezing and extreme heat.
Materials to Avoid: Strong oxidizing agents, strong acids and organic materials.
Hazardous Decomposition Products: May form under fire conditions; nature of decomposition products is unknown.
Hazardous Polymerization: Will not occur.

SECTION XI – TOXICOLOGICAL INFORMATION

Route of Entry / Exposure: Skin Contact
Eye Contact
Inhalation
Ingestion

Potential Acute Health Effects:

Skin Contact: No potential health effects; product is non-hazardous.
Eye Contact: No potential health effects; product is non-hazardous.
Inhalation: No potential health effects; product is non-hazardous.
Ingestion: No potential health effects; product is non-hazardous.

Potential Chronic Health Effects:

Carcinogenic Effects: Not Applicable.
Mutagenic Effects: Not Applicable.
Teratogenic Effects: Not Applicable.
Developmental: Not Applicable.

Numerical Measures of Toxicity: Unknown

SECTION XII – ECOLOGICAL INFORMATION

Product presents no hazards to the environment. Product is bio-degradable and eco-friendly.

SECTION XIII – DISPOSAL CONSIDERATIONS

Follow disposal instructions on product label. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be disposed of according to label instructions, contact State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the EPA Regional Office for guidance.

SECTION XIV – TRANSPORT INFORMATION

DOT: Not DOT regulated. No DOT label required.
IATA: Not dangerous good.
IMDG: Not dangerous good

Safety Data Sheet

AQUAOX™ Disinfectant 275

OSHA: No label required.
NMFL code: 57104
HS code: 3808500

SECTION XV – REGULATORY INFORMATION

This product is bleach-free. See Section II of this document.

SECTION XVI – OTHER INFORMATION

Preparation Date of Latest Revision: March 1, 2021

Disclaimer:

This Safety Data Sheet (SDS) was prepared in accordance with the provisions and requirements of 29 CFR § 1910.1200(g) and discloses the physical and health hazards of all hazardous chemicals contained in the product described in this SDS. Unless otherwise noted, this SDS does not describe or disclose all of the chemicals/components in the product, some of which may be Trade Secrets. The information included in this SDS is based on data developed or compiled by AQUAOX™ from open literature, independent laboratory studies, and other available scientific evidence, and is believed to be accurate and complete to the best of our knowledge. However, AQUAOX™ makes no warranty with respect thereto. Anyone intending to use the product described in this SDS should satisfy herself that the Product (1) is suitable for their particular purposes and intended uses, and (2) meets any safety and health standards applicable thereto. It is the obligation of each user of the product described in this SDS to determine and comply with all statutes, local, state and federal requirements, which are applicable to its use, storage and disposal.

Abbreviations:

ACGIH: American Conference of Industrial Hygienists
CAL/OSHA: California Division of Occupational Safety and Health
CAS Number: Chemical Abstracts Service Register Number
CERCLA: Comprehensive Environmental Response Compensation and Liability Act
DOT: Department of Transportation
EPA: Environmental Protection Agency
GRAS: Generally Recognized as Safe
HMIS: Hazardous Materials Identification System
IATA: International Air Transport Association
IMDG: International Maritime Dangerous Goods
NA: Not Applicable
NIOSH: National Institute for Occupational Safety and Health
OSHA: Occupational Safety and Health Administration
PEL: Permissible Exposure Limits
REL: Recommended Exposure Limits
SARA: Superfund Amendment and Reauthorization Act of 1986
TLV: Threshold Limit Values
TSCA: Toxic Substances Control Act of 1976



Safety Data Sheet

AQUAOX™ Disinfectant 525

SECTION I – IDENTIFICATION

Product Name: AQUAOX™ Disinfectant 525 | Product Number: AX 525
Product Description: Hypochlorous Acid Solution Generated Electro-Chemically from Diluted Brine
Container: 2 oz 4 oz 16 oz 1 gallon 15 gallon 55 gallon 330 gallon
3.5 oz 8 oz 32 oz 5 gallon 30 gallon 275 gallon 660 gallon
CAS Number: None (Mixture)
Recommended Use: This product is a ready-to-use, one-step cleaner and disinfectant for general cleaning and disinfecting on hard, non-porous surfaces.
Restricted Use: This product is not for human or animal use.
Manufacturer: AQUAOX™ LLC
Address: 17355 Hamlin Blvd., Loxahatchee, Florida, 33470, USA
Number: (800) 790-7520
Chemtrec Emergency Number: (800)-424-9300

SECTION II – HAZARDS IDENTIFICATION

The following values are obtained using the guidelines prepared by the National Fire Protection Association (NFPA) and the American Coatings Association.

HMIS Rating:

- Health = 0
- Flammability = 0
- Physical = 0
- Reactivity = 0

NFPA/HMIS Definitions

- 0 = Minimal Hazard
- 1 = Slight Hazard
- 2 = Moderate Hazard
- 3 = Serious Hazard
- 4 = Severe Hazard

Hazard Information Disclosures:

TSCA: All chemicals in this product are listed on the EPA TSCA inventory list.
CERCLA/ SARA: This product does not fall under any hazardous categories under SARA Sections 311 and 312.
OSHA: This product is not a hazardous chemical as defined by the OSHA Hazard Communication Standard, 29 CFR § 1910.1200.

Product Label on Hazard Information:

- Keep out of Reach of Children

Safety Data Sheet

AQUAOX™ Disinfectant 525

SECTION III – COMPOSITION AND INFORMATION ON INGREDIENTS

Component(s)	CAS #
Water	7732-18-5
Hypochlorous Acid	7790-92-3
Hypochlorite Ion	7681-52-9
Sodium Chloride	7647-14-5

The product contains approximately 575ppm free available chlorine (FAC).

SECTION IV – FIRST-AID MEASURES

Not Applicable. This product has no precautionary First Aid measurements.

SECTION V – FIRE-FIGHTING MEASURES

Not Applicable, this product is Non-Flammable and Non-Explosive. No extinguishing techniques or equipment are required.

SECTION VI – ACCIDENTAL RELEASE MEASURES

In case of spill or leakages, dike spill with inert absorbent materials (e.g. sand, "oil-dry" or other commercially spill absorbents) to contain and soak spilled liquid. Place wastes into an appropriate waste disposal container.

SECTION VII – HANDLING AND STORAGE

Handling: No special handling requirements; follow use instructions on product label. Open air or good room ventilation and appropriate PPE are adequate for the safe use of this product.

Storage: Keep container tightly closed in a dry and well-ventilated place at room temperature. Avoid direct light exposure, freezing and extreme heat.

SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION

OSHA PEL: Unknown.

Cal/OSHA PEL: Unknown.

NIOSH REL: Unknown.

ACGIH TLV: Unknown.

Engineering Control: None Required. Open air or good room ventilation is adequate for the safe use of this product.

Personal Protective Equipment (PPE):

Respiratory Protection: Not necessary as long as there is adequate ventilation.

Protective Clothing: Not required under normal conditions of use.

Hand Protection: Not required under normal conditions of use.

Eye Protection: Not necessary under normal conditions of use.

Safety Data Sheet

AQUAOX™ Disinfectant 525

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear
Odor:	Slight Chlorine Odor
pH:	6.2 – 7.0
Specific Gravity (H ₂ O = 1 at 20°C):	1.00 – 1.06
Density:	8.34 lbs/gal
Viscosity:	Comparable to Water
Boiling Point:	Comparable to Water
Melting Point/ Range:	NA
Evaporation Rate:	Comparable to Water
Solubility:	Complete in Water
Flash Point:	NA
Flammability:	Non-Flammable
Explosive Limits:	Non-Explosive
Vapor Pressure (mmHg at 20°C):	NA
Vapor Density:	NA

SECTION X – STABILITY AND REACTIVITY

Reactivity:	Not Reactive under recommended handling and storage conditions.
Chemical Stability:	Stable under recommended handling and storage conditions.
Hazardous Reactions:	Product is Not Hazardous.
Conditions to Avoid:	Direct light exposure, freezing and extreme heat.
Materials to Avoid	Strong oxidizing agents, strong acids and organic materials.
Hazardous Decomposition Products:	May form under fire conditions; nature of decomposition products is unknown.
Hazardous Polymerization	Will not occur.

SECTION XI – TOXICOLOGICAL INFORMATION

<u>Route of Entry / Exposure:</u>	Skin Contact
	Eye Contact
	Inhalation
	Ingestion

Potential Acute Health Effects:

Skin Contact: No potential health effects; product is non-hazardous.
Eye Contact: No potential health effects; product is non-hazardous.
Inhalation: No potential health effects; product is non-hazardous.
Ingestion: No potential health effects; product is non-hazardous.

Potential Chronic Health Effects:

Carcinogenic Effects: Not Applicable.
Mutagenic Effects: Not Applicable.
Teratogenic Effects: Not Applicable.
Developmental: Not Applicable.

Numerical Measures of Toxicity: Unknown

Safety Data Sheet

AQUAOX™ Disinfectant 525

SECTION XII – ECOLOGICAL INFORMATION

Product presents no hazards to the environment. Product is bio-degradable and eco-friendly.

SECTION XIII – DISPOSAL CONSIDERATIONS

Follow disposal instructions on product label. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be disposed of according to label instructions, contact State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the EPA Regional Office for guidance.

SECTION XIV – TRANSPORT INFORMATION

DOT: Not DOT regulated. No DOT label required.
IATA: Not dangerous good.
IMDG: Not dangerous good
OSHA: No label required.
NMFL code: 57104
HS code: 3808500

SECTION XV – REGULATORY INFORMATION

See "Hazard Information Disclosures" under Section II.

SECTION XVI – OTHER INFORMATION

Preparation Date of Latest Revision: March 1, 2021

Disclaimer:

This Safety Data Sheet (SDS) was prepared in accordance with the provisions and requirements of 29 CFR § 1910.1200(g) and discloses the physical and health hazards of all hazardous chemicals contained in the product described in this SDS. Unless otherwise noted, this SDS does not describe or disclose all of the chemicals/components in the product, some of which may be Trade Secrets.

The information included in this SDS is based on data developed or compiled by AQUAOX™ from open literature, independent laboratory studies, and other available scientific evidence, and is believed to be accurate and complete to the best of our knowledge. However, AQUAOX™ makes no warranty with respect thereto. Anyone intending to use the product described in this SDS should satisfy herself that the Product (1) is suitable for their particular purposes and intended uses, and (2) meets any safety and health standards applicable thereto. It is the obligation of each user of the product described in this SDS to determine and comply with all statutes, local, state and federal requirements, which are applicable to its use, storage and disposal.

Safety Data Sheet

AQUAOX™ Disinfectant 525

Abbreviations :

ACGIH:	American Conference of Industrial Hygienists
CAL/OSHA:	California Division of Occupational Safety and Health
CAS Number:	Chemical Abstracts Service Register Number
CERCLA:	Comprehensive Environmental Response Compensation and Liability Act
DOT:	Department of Transportation
EPA:	Environmental Protection Agency
GRAS:	Generally Recognized as Safe
HMIS:	Hazardous Materials Identification System
IATA:	International Air Transport Association
IMDG:	International Maritime Dangerous Goods
NA:	Not Applicable
NIOSH:	National Institute for Occupational Safety and Health
OSHA:	Occupational Safety and Health Administration PEL: Permissible Exposure Limits
REL:	Recommended Exposure Limits
SARA:	Superfund Amendment and Reauthorization Act of 1986
TLV:	Threshold Limit Values
TSCA:	Toxic Substances Control Act of 1976



Safety Data Sheet AQUAOX™ Disinfectant 1650

SECTION I – IDENTIFICATION

Product Name: AQUAOX™ Disinfectant 1650 | Product Number: AX1650
Product Description: Hypochlorous Acid Solution Generated Electro-Chemically from Diluted Brine
Container: 2 oz 4 oz 16 oz 1 gallon 15 gallon 55 gallon 330 gallon
3.5 oz 8 oz 32 oz 5 gallon 30 gallon 275 gallon 660 gallon
CAS Number: None (Mixture)
Recommended Use: This product is a ready-to-use, one-step cleaner and disinfectant for general cleaning and disinfecting on hard, non-porous surfaces.
Restricted Use: This product is not for human or animal use.
Manufacturer: AQUAOX™ LLC
Address: 17355 Hamlin Blvd., Loxahatchee, Florida, 33470, USA
Number: (800) 790-7520
Chemtrec Emergency Number: (800)-424-9300

SECTION II – HAZARDS IDENTIFICATION

The following values are obtained using the guidelines prepared by the National Fire Protection Association (NFPA) and the American Coatings Association.

HMIS Rating:

- Health = 0
- Flammability = 0
- Physical = 0
- Reactivity = 0

NFPA/HMIS Definitions

- 0 = Minimal Hazard
- 1 = Slight Hazard
- 2 = Moderate Hazard
- 3 = Serious Hazard
- 4 = Severe Hazard

Hazard Information Disclosures:

TSCA: All chemicals in this product are listed on the EPA TSCA inventory list.
CERCLA/SARA: This product does not fall under any hazardous categories under SARA Sections 311 and 312.
OSHA: This product is not a hazardous chemical as defined by the OSHA Hazard Communication Standard, 29 CFR § 1910.1200.

Product Label on Hazard Information:

- Keep out of Reach of Children

Safety Data Sheet

AQUAOX™ Disinfectant 1650

SECTION III – COMPOSITION AND INFORMATION ON INGREDIENTS

Component(s)	CAS #
Water	7732-18-5
Hypochlorous Acid	7790-92-3
Hypochlorite Ion	7681-52-9
Sodium Chloride	7647-14-5

The product contains approximately 2250ppm free available chlorine (FAC).

SECTION IV – FIRST-AID MEASURES

Not Applicable. This product has no precautionary First Aid measurements.

SECTION V – FIRE-FIGHTING MEASURES

Not Applicable, this product is Non-Flammable and Non-Explosive. No extinguishing techniques or equipment are required.

SECTION VI – ACCIDENTAL RELEASE MEASURES

In case of spill or leakages, dike spill with inert absorbent materials (e.g. sand, "oil-dry" or other commercially spill absorbents) to contain and soak spilled liquid. Place wastes into an appropriate waste disposal container.

SECTION VII – HANDLING AND STORAGE

Handling: No special handling requirements; follow use instructions on product label. Open air or good room ventilation and appropriate PPE are adequate for the safe use of this product.

Storage: Keep container tightly closed in a dry and well-ventilated place at room temperature. Avoid direct light exposure, freezing and extreme heat.

SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION

OSHA PEL: Unknown.

Cal/OSHA PEL: Unknown.

NIOSH REL: Unknown.

ACGIH TLV: Unknown.

Engineering Control: None Required. Open air or good room ventilation is adequate for the safe use of this product.

Personal Protective Equipment (PPE):

Respiratory Protection: Not necessary as long as there is adequate ventilation.

Protective Clothing: Not required under normal conditions of use.

Hand Protection: Not required under normal conditions of use.

Eye Protection: Not necessary under normal conditions of use.

Safety Data Sheet

AQUAOX™ Disinfectant 1650

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear
Odor:	Slight Chlorine Odor
pH:	6.2 – 7.0
Specific Gravity (H ₂ O = 1 at 20°C):	1.00 – 1.06
Density:	8.34 lbs/gal
Viscosity:	Comparable to Water
Boiling Point:	Comparable to Water
Melting Point/ Range:	NA
Evaporation Rate:	Comparable to Water
Solubility:	Complete in Water
Flash Point:	NA
Flammability:	Non-Flammable
Explosive Limits:	Non-Explosive
Vapor Pressure (mmHg at 20°C):	NA
Vapor Density:	NA

SECTION X – STABILITY AND REACTIVITY

Reactivity:	Not Reactive under recommended handling and storage conditions.
Chemical Stability:	Stable under recommended handling and storage conditions.
Hazardous Reactions:	Product is Not Hazardous.
Conditions to Avoid:	Direct light exposure, freezing and extreme heat.
Materials to Avoid	Strong oxidizing agents, strong acids and organic materials.
Hazardous Decomposition Products:	May form under fire conditions; nature of decomposition products is unknown.
Hazardous Polymerization	Will not occur.

SECTION XI – TOXICOLOGICAL INFORMATION

<u>Route of Entry / Exposure:</u>	Skin Contact
	Eye Contact
	Inhalation
	Ingestion

Potential Acute Health Effects:

Skin Contact: No potential health effects; product is non-hazardous.
Eye Contact: No potential health effects; product is non-hazardous.
Inhalation: No potential health effects; product is non-hazardous.
Ingestion: No potential health effects; product is non-hazardous.

Potential Chronic Health Effects:

Carcinogenic Effects: Not Applicable.
Mutagenic Effects: Not Applicable.
Teratogenic Effects: Not Applicable.
Developmental: Not Applicable.

Numerical Measures of Toxicity: Unknown

Safety Data Sheet

AQUAOX™ Disinfectant 1650

SECTION XII – ECOLOGICAL INFORMATION

Product presents no hazards to the environment. Product is bio-degradable and eco-friendly.

SECTION XIII – DISPOSAL CONSIDERATIONS

Follow disposal instructions on product label. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be disposed of according to label instructions, contact State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the EPA Regional Office for guidance.

SECTION XIV – TRANSPORT INFORMATION

DOT: Not DOT regulated. No DOT label required.
IATA: Not dangerous good.
IMDG: Not dangerous good
OSHA: No label required.
NMFL code: 57104
HS code: 3808500

SECTION XV – REGULATORY INFORMATION

See “Hazard Information Disclosures” under Section II.

SECTION XVI – OTHER INFORMATION

Preparation Date of Latest Revision: November 1, 2022

Disclaimer:

This Safety Data Sheet (SDS) was prepared in accordance with the provisions and requirements of 29 CFR § 1910.1200(g) and discloses the physical and health hazards of all hazardous chemicals contained in the product described in this SDS. Unless otherwise noted, this SDS does not describe or disclose all of the chemicals/components in the product, some of which may be Trade Secrets.

The information included in this SDS is based on data developed or compiled by AQUAOX™ from open literature, independent laboratory studies, and other available scientific evidence, and is believed to be accurate and complete to the best of our knowledge. However, AQUAOX™ makes no warranty with respect thereto. Anyone intending to use the product described in this SDS should satisfy herself that the Product (1) is suitable for their particular purposes and intended uses, and (2) meets any safety and health standards applicable thereto. It is the obligation of each user of the product described in this SDS to determine and comply with all statutes, local, state and federal requirements, which are applicable to its use, storage and disposal.

Safety Data Sheet

AQUAOX™ Disinfectant 1650

Abbreviations :

ACGIH:	American Conference of Industrial Hygienists
CAL/OSHA:	California Division of Occupational Safety and Health
CAS Number:	Chemical Abstracts Service Register Number
CERCLA:	Comprehensive Environmental Response Compensation and Liability Act
DOT:	Department of Transportation
EPA:	Environmental Protection Agency
GRAS:	Generally Recognized as Safe
HMIS:	Hazardous Materials Identification System
IATA:	International Air Transport Association
IMDG:	International Maritime Dangerous Goods
NA:	Not Applicable
NIOSH:	National Institute for Occupational Safety and Health
OSHA:	Occupational Safety and Health Administration PEL: Permissible Exposure Limits
REL:	Recommended Exposure Limits
SARA:	Superfund Amendment and Reauthorization Act of 1986
TLV:	Threshold Limit Values
TSCA:	Toxic Substances Control Act of 1976



Safety Data Sheet

AQUAOX™ Disinfectant 1650

SECTION I – IDENTIFICATION

Product Name: AQUAOX™ Disinfectant 1650 | Product Number: AX1650
Product Description: Hypochlorous Acid Solution Generated Electro-Chemically from Diluted Brine
Container: 2 oz 4 oz 16 oz 1 gallon 15 gallon 55 gallon 330 gallon
3.5 oz 8 oz 32 oz 5 gallon 30 gallon 275 gallon 660 gallon
CAS Number: None (Mixture)
Recommended Use: This product is a ready-to-use, one-step cleaner and disinfectant for general cleaning and disinfecting on hard, non-porous surfaces.
Restricted Use: This product is not for human or animal use.
Manufacturer: AQUAOX™ LLC
Address: 17355 Hamlin Blvd., Loxahatchee, Florida, 33470, USA
Number: (800) 790-7520
Chemtrec Emergency Number: (800)-424-9300

SECTION II – HAZARDS IDENTIFICATION

The following values are obtained using the guidelines prepared by the National Fire Protection Association (NFPA) and the American Coatings Association.

HMIS Rating:

- Health = 0
- Flammability = 0
- Physical = 0
- Reactivity = 0

NFPA/HMIS Definitions

- 0 = Minimal Hazard
- 1 = Slight Hazard
- 2 = Moderate Hazard
- 3 = Serious Hazard
- 4 = Severe Hazard

Hazard Information Disclosures:

TSCA: All chemicals in this product are listed on the EPA TSCA inventory list.
CERCLA/ SARA: This product does not fall under any hazardous categories under SARA Sections 311 and 312.
OSHA: This product is not a hazardous chemical as defined by the OSHA Hazard Communication Standard, 29 CFR § 1910.1200.

Product Label on Hazard Information:

- Keep out of Reach of Children

SECTION III – COMPOSITION AND INFORMATION ON INGREDIENTS

Component(s)	CAS #
Water	7732-18-5
Hypochlorous Acid	7790-92-3
Hypochlorite Ion	7681-52-9
Sodium Chloride	7647-14-5

The product contains approximately 2250ppm free available chlorine (FAC).

SECTION IV – FIRST-AID MEASURES

Not Applicable. This product has no precautionary First Aid measurements.

SECTION V – FIRE-FIGHTING MEASURES

Not Applicable, this product is Non-Flammable and Non-Explosive. No extinguishing techniques or equipment are required.

SECTION VI – ACCIDENTAL RELEASE MEASURES

In case of spill or leakages, dike spill with inert absorbent materials (e.g. sand, "oil-dry" or other commercially spill absorbents) to contain and soak spilled liquid. Place wastes into an appropriate waste disposal container.

SECTION VII – HANDLING AND STORAGE

Handling: No special handling requirements; follow use instructions on product label. Open air or good room ventilation and appropriate PPE are adequate for the safe use of this product.

Storage: Keep container tightly closed in a dry and well-ventilated place at room temperature. Avoid direct light exposure, freezing and extreme heat.

SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION

OSHA PEL: Unknown.

Cal/OSHA PEL: Unknown.

NIOSH REL: Unknown.

ACGIH TLV: Unknown.

Engineering Control: None Required. Open air or good room ventilation is adequate for the safe use of this product.

Personal Protective Equipment (PPE):

Respiratory Protection: Not necessary as long as there is adequate ventilation.

Protective Clothing: Not required under normal conditions of use.

Hand Protection: Not required under normal conditions of use.

Eye Protection: Not necessary under normal conditions of use.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear
Odor:	Slight Chlorine Odor
pH:	6.2 – 7.0
Specific Gravity (H ₂ O = 1 at 20°C):	1.00 – 1.06
Density:	8.34 lbs/gal
Viscosity:	Comparable to Water
Boiling Point:	Comparable to Water
Melting Point/ Range:	NA
Evaporation Rate:	Comparable to Water
Solubility:	Complete in Water
Flash Point:	NA
Flammability:	Non-Flammable
Explosive Limits:	Non-Explosive
Vapor Pressure (mmHg at 20°C):	NA
Vapor Density:	NA

SECTION X – STABILITY AND REACTIVITY

Reactivity:	Not Reactive under recommended handling and storage conditions.
Chemical Stability:	Stable under recommended handling and storage conditions.
Hazardous Reactions:	Product is Not Hazardous.
Conditions to Avoid:	Direct light exposure, freezing and extreme heat.
Materials to Avoid	Strong oxidizing agents, strong acids and organic materials.
Hazardous Decomposition Products:	May form under fire conditions; nature of decomposition products is unknown.
Hazardous Polymerization	Will not occur.

SECTION XI – TOXICOLOGICAL INFORMATION

<u>Route of Entry / Exposure:</u>	Skin Contact
	Eye Contact
	Inhalation
	Ingestion

Potential Acute Health Effects:

Skin Contact: No potential health effects; product is non-hazardous.
Eye Contact: No potential health effects; product is non-hazardous.
Inhalation: No potential health effects; product is non-hazardous.
Ingestion: No potential health effects; product is non-hazardous.

Potential Chronic Health Effects:

Carcinogenic Effects: Not Applicable.
Mutagenic Effects: Not Applicable.
Teratogenic Effects: Not Applicable.
Developmental: Not Applicable.

Numerical Measures of Toxicity: Unknown

SECTION XII – ECOLOGICAL INFORMATION

Product presents no hazards to the environment. Product is bio-degradable and eco-friendly.

SECTION XIII – DISPOSAL CONSIDERATIONS

Follow disposal instructions on product label. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be disposed of according to label instructions, contact State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the EPA Regional Office for guidance.

SECTION XIV – TRANSPORT INFORMATION

DOT: Not DOT regulated. No DOT label required.
IATA: Not dangerous good.
IMDG: Not dangerous good
OSHA: No label required.
NMFL code: 57104
HS code: 3808500

SECTION XV – REGULATORY INFORMATION

See “Hazard Information Disclosures” under Section II.

SECTION XVI – OTHER INFORMATION

Preparation Date of Latest Revision: November 1, 2022

Disclaimer:

This Safety Data Sheet (SDS) was prepared in accordance with the provisions and requirements of 29 CFR § 1910.1200(g) and discloses the physical and health hazards of all hazardous chemicals contained in the product described in this SDS. Unless otherwise noted, this SDS does not describe or disclose all of the chemicals/components in the product, some of which may be Trade Secrets.

The information included in this SDS is based on data developed or compiled by AQUAOX™ from open literature, independent laboratory studies, and other available scientific evidence, and is believed to be accurate and complete to the best of our knowledge. However, AQUAOX™ makes no warranty with respect thereto. Anyone intending to use the product described in this SDS should satisfy herself that the Product (1) is suitable for their particular purposes and intended uses, and (2) meets any safety and health standards applicable thereto. It is the obligation of each user of the product described in this SDS to determine and comply with all statutes, local, state and federal requirements, which are applicable to its use, storage and disposal.

Abbreviations :

ACGIH:	American Conference of Industrial Hygienists
CAL/OSHA:	California Division of Occupational Safety and Health
CAS Number:	Chemical Abstracts Service Register Number
CERCLA:	Comprehensive Environmental Response Compensation and Liability Act
DOT:	Department of Transportation
EPA:	Environmental Protection Agency
GRAS:	Generally Recognized as Safe
HMIS:	Hazardous Materials Identification System
IATA:	International Air Transport Association
IMDG:	International Maritime Dangerous Goods
NA:	Not Applicable
NIOSH:	National Institute for Occupational Safety and Health
OSHA:	Occupational Safety and Health Administration PEL: Permissible Exposure Limits
REL:	Recommended Exposure Limits
SARA:	Superfund Amendment and Reauthorization Act of 1986
TLV:	Threshold Limit Values
TSCA:	Toxic Substances Control Act of 1976

