



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

May 23, 2023

Dr. Matthew Brooks  
Authorized Representative  
Clean Water International LLC  
950 Falcon Dr. 680 Stratford Blvd.  
Kinston, NC 28504  
Electronic Transmittal: mwbrooks01@yahoo.com

Subject: Label Amendment – Changes in Precautionary Language  
Product Name: AQUATIZE  
EPA Registration Number: 64449-1  
Received Date: 03/31/2023  
Action Case Number: 00444945

Dear Matthew:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), 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.

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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 Melanie Bolden by phone at (202) 566-0674, or via email at [Bolden.Melanie@epa.gov](mailto:Bolden.Melanie@epa.gov).

Best,

A handwritten signature in cursive script that reads "Melanie Bolden for". The signature is written in black ink on a white background.

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

**AQUATIZE®**  
**CONCENTRATED WATER DISINFECTANT**

ACTIVE INGREDIENT:  
Sodium Chlorite ..... 3.67%  
OTHER INGREDIENTS..... 96.33%  
Total ..... 100.00%

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

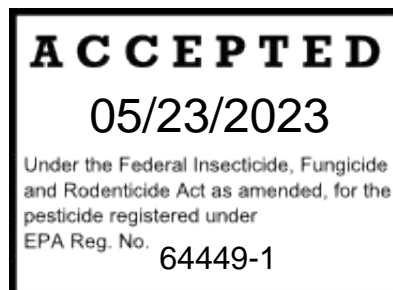
**See Back Panel for Precautionary Statements**

**AQUATIZE® is an effective disinfectant for the drinking water of poultry, swine, cattle, and other livestock.**

**Effective chemistry for health and biosecurity**

**NET CONTENTS: 5 gallons**

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EPA EST. NO. 64449-NC-1



Manufactured by:  
Clean Water International LLC  
680 Stratford Blvd.  
Kinston, North Carolina 28504  
**USA**  
**Tel: (919) 396-4001**

| <b>First Aid</b>   |  |
|--|--|
| <b>IF IN EYES:</b>   | <ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>  |
| <b>IF ON SKIN:</b>   | <ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>  |
| <b>IF SWALLOWED:</b>   | <ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have a person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul> |
| <b>IF INHALED:</b>   | <ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>   |
| <p><b>Hotline Number:</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call 1-800-222-1222 for emergency medical treatment information.</p> |  |

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Caution: Causes moderate eye irritation. Harmful if absorbed through skin, swallowed or inhaled. Avoid contact with eyes, skin or clothing. Avoid breathing vapor or spray mist. Wear protective eyewear such as goggles, face shield or safety glasses. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

**ENVIRONMENTAL HAZARDS:**

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not mix with acids or other chemicals except water. Mixing with other chemicals may cause the evolution of chlorine dioxide gas, which is poisonous and explosive. Do not let spilled solution evaporate to dryness, if resultant contacts oxidizable or combustible materials the mixture is easily ignited by heat of friction. This results in a fiercely burning fire, or in a confined space, a possible explosion.

## DIRECTIONS FOR USE

### General Classification

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

This product is intended for use as a disinfectant for the drinking water of poultry, swine, cattle, and other livestock. Treated water is not for human consumption. This product is not intended for use in human drinking water, and treated water should not be made available for human consumption.

Under normal conditions, product should be administered at a rate of 1:5000 (1 part AQUATIZE® in 5000 parts water). When using a proportioner (medicator) set to deliver 1 ounce of stock solution per 1 gallon of water, mix 10 ounces of AQUATIZE® into 3 gallons of water for a stock solution. Allow 15 minutes for disinfection of the source water before delivery to livestock.

When heavy bacterial contamination exists, product should be administered at a rate of 1:2000 (1 part AQUATIZE® in 2000 parts water). When using a proportioner (medicator) set to deliver 1 ounce of stock solution per 1 gallon of water. Mix 24 ounces of AQUATIZE® into 3 gallons of water to make a stock solution. Allow 15 minutes for disinfection of the source water before delivery to livestock.

To ensure maximum performance, mix according to label instructions. Do not mix with compounds other than water to avoid production of noxious gases. Once diluted, use product within 48 hours. AQUATIZE® should be administered continuously into the drinking water from time of placement (day one). Remove AQUATIZE® from the drinking water 24 hours prior to vaccination and re-administer 24 hours after vaccination.

AQUATIZE® has proven effective as a water disinfectant. The tests were conducted using AOAC test method 965.13 against following bacteria:

*Campylobacter jejuni* (ATCC 29428)

*Escherichia coli* (ATCC 11229)

*Escherichia coli* 015:H7 (ATCC 43895) [\*]

*Listeria monocytogenes* (ATCC 7644)

*Pasteurella multocida* (ATCC 6530)

*Pseudomonas aeruginosa* (ATCC 15442) [\*]

*Salmonella enteritidis* (ATCC 13076) [\*]

*Salmonella typhimurium* (ATCC 14028)

*Shigella sonnei* (ATCC 9290)

*Streptococcus faecalis* (ATCC 19083)

*Streptococcus suis* (ATCC 43765)

[\*]: 1:2000 dilution rate required for those bacteria

**STORAGE AND DISPOSAL:  
DO NOT CONTAMINATE WATER, FOOD OR ANIMAL FEED BY  
STORAGE OR DISPOSAL.**

**PESTICIDE STORAGE:** Store in a cool, dry, dark place in the original containers. Always replace closures.

**PESTICIDE DISPOSAL:** Pesticide wastes from unused, partially used or spilled material are acutely hazardous. Improper disposal of excess pesticide is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**CONTAINER HANDLING:**

Non-refillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: [For containers  $\leq$  5 gallons in size] – Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. [For containers  $>$  5 gallons in size] - 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**SPILLS:**

If container leaks or product is spilled, rinse area liberally with water and flush to a designated sewer in accordance with all applicable federal, state, and local regulations regarding spill notification requirements.

24-hr EMERGENCY CALL CHEMTREC 800-424-9300