



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

April 13, 2023

Alady Cubas  
Authorized Representative  
Ecochlor, Inc.  
285 State Street, Suite 8  
North Haven, CT  
Electronic Transmittal: ap@ecochlor.com

Subject: Label and CSF Notification per PRN 98-10 – Addition of alternate supplier and minor label changes  
Product Name: EcochlorBlue™ BWT  
EPA Registration Number: 84807-1  
Received Date: 06/20/2022  
Action Case Number: 00371957

Dear Alady:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

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.

The CSFs submitted with your application have been stamped “Notification” and placed in our files.

Please note that the record for this product currently contains the following CSFs:

- Basic CSF dated 06/15/2022

Any CSFs other than those listed above are superseded/no longer valid.

If you have any questions, please contact Melanie Bolden at (202) 566-0674 or by email at Bolden.Melanie@epa.gov.

Best,

A handwritten signature in cursive script that reads "Melanie Bolden for".

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

# EcochlorBlue™ BWT

A Precursor Chemical Solution for Use Only with the Ecochlor® Chlorine Dioxide Generator within ballast water treatment system equipment

This chemical solution is for use only with the Ecochlor® chlorine dioxide generator within ballast water treatment system equipment, a pesticide device that produces CHLORINE DIOXIDE absorbed into water. In addition to this precursor, the Ecochlor® ballast water treatment system equipment usually requires a feedstock of 78% sulfuric acid. Please refer to the relevant Ecochlor® ballast water treatment system equipment Operation Maintenance and Safety Manual to ensure proper activation.

**-FOR INDUSTRIAL USE-  
KEEP OUT OF REACH OF CHILDREN  
DANGER/PELIGRO**

**NOTIFICATION**

84807-1

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

04/13/2023

ACTIVE INGREDIENT:  
Sodium Chlorate (NaClO<sub>3</sub>) ..... 40.0%  
OTHER INGREDIENTS: ..... 60.0%  
TOTAL ..... 100.0%

FIRST AID	
<b>IF IN EYES</b>	Hold eye open and flush with a directed stream of water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.
<b>IF ON SKIN OR CLOTHING</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes. Call a poison control center or doctor immediately for treatment advice.
<b>IF INHALED</b>	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment.
<b>IF SWALLOWED</b>	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>NOTE TO PHYSICIAN</b> Probable mucosal damage may contraindicate the use of gastric lavage.	

In case of chemical emergency, contact 3E Global Incident Response Hotline and Reference Contract Number 334147:

Americas:	1-866-519-4752 (toll free) or +1-760-476-3962	Europe:	+1-760-476-3961
Asia Pacific:	+1-760-476-3960	United Kingdom:	+44-808-189-0979
China:	+86-400-120-0174	Australia:	+61-180-068-6951
Middle East:	+1-760-476-3959	New Zealand:	+64-80-045-1719

## Ecochlor, Inc.

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Customer Service: +1 978-298-1463

EPA Reg. No. 84807-1  
EPA Est. No. 1706-LA-2  
EPA Est. No. 72852-IL-1  
EPA Est. No. 10183-MI-05  
EPA Est. No. 101652-GA-01

Net Contents

Gallons

## PRECAUTIONARY STATEMENTS • HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive to skin and eyes. Causes irreversible eye damage. Harmful if absorbed through the skin or inhaled. Do not get in eyes or on clothing. Avoid contact with skin. Wear protective eyewear (goggles or face shield). Wear protective clothing and gloves (neoprene, plastic, or rubber). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

### ENVIRONMENTAL HAZARDS

This product is toxic to freshwater and saltwater aquatic invertebrates, including shrimp. 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.

### CHEMICAL HAZARDS

EcochlorBlue™ BWT is a strong oxidizing agent. Do not contaminate with dirt, oils or organic matter of any sort. Contamination may cause violent chemical reactions, fire and explosion. Clean up all chemical spills immediately. Allowing spills to dry or concentrate may cause spontaneous combustion. In case of chemical spills, avoid bodily contact and wear appropriate protective equipment.

### DIRECTIONS FOR USE

#### Directions:

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Prior to use of this product in ballast water, the registrant is required to follow all applicable U.S. Coast Guard regulations. EcochlorBlue™ BWT is for use only with the Ecochlor® chlorine dioxide generator within ballast water treatment system equipment, a pesticide device installed to generate chlorine dioxide for the registered use listed below. The chlorine dioxide feed point should be directly into the water stream and below water level to prevent volatilization of chlorine dioxide. Chlorine dioxide must be added to the water stream at a point where adequate mixing and uniform distribution can occur.

#### Ballast Water Treatment:

To control microorganisms, algal slime, mollusk populations and other potential aquatic invasive species found in ballast water systems of vessels. Chlorine dioxide should be added to the incoming ballast water where adequate mixing and uniform distribution can occur. Dosage should be fed in order to achieve an initial dosage in ballast water of 3.96 ppm to 5.35 ppm. Refer to the relevant Ecochlor® ballast water treatment system equipment Operation Maintenance and Safety Manual.

Storage and Disposal Statement for Non-Refillable Containers:

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE**

Unless delivered in bulk, store in the original container. Store at ambient temperatures from 41°F (5°C) to 104°F (40°C). Store separately from sulfuric acid precursor and all other acids. Store in fire-resistant area separate from incompatible materials such as acids, powdered metals, organic chemicals, combustible materials and dirt. Clean up spills immediately.

**PESTICIDE DISPOSAL**

Pesticide wastes may be hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the 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. Clean container promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ 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. Alternatively, pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling, if available.

Storage and Disposal Statement for Refillable Containers:

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE**

Store at ambient temperatures from 41°F (5°C) to 104°F (40°C). Store separately from sulfuric acid precursor and all other acids. Store in fire-resistant area separate from incompatible materials such as acids, powdered metals, organic chemicals, combustible materials, and dirt. Clean up spills immediately.

**PESTICIDE DISPOSAL**

Pesticide wastes may be hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the 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**

Refillable container. Refill with EcochlorBlue™ BWT 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, empty the remaining contents from this container into the application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more

**WARRANTY**

Ecochlor, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for purposes stated on such label when used with the Ecochlor® chlorine dioxide generator for use within ballast water treatment system equipment.