

84807-1

4/29/2009

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

EPA Reg.
Number:
84807-1

Date of
Issuance:
APR 29 2009

NOTICE OF PESTICIDE:

Registration
 Reregistration

Term of Issuance:
Conditional

Name of Pesticide Product:
Purate BWT

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Ecochlor, Inc.
22 Silver Hill Road
Acton, MA 01720

FILE COPY

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration 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/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

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

This product (OPP Decision No. D-388667) is registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Revise the "EPA File Symbol to read, "EPA Reg. No. 84807-1".

Signature of Approving Official:

Emily Mitchell
Product Manager Team-32
Regulatory Management Branch II
Antimicrobials Division (7510P)

Date:

APR 29 2009

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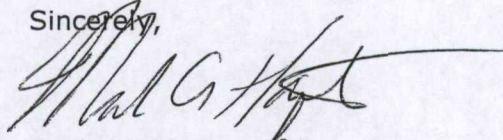
EPA Registration No. 84807-1
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- b. The statement "Prior to use of this product in ballast water the registrant is required to follow all applicable U.S. Coast Guard regulations." must be added at the beginning of the Use Directions.
 - c. This product is classified "For Industrial Use" the term "Only" has been removed.
 - d. The **Container Disposal** language must be revised to adhere to PR-Notice 2007-4.
 - e. The "If Inhaled" route of exposure must be moved above "If Swallowed" in the "First Aid" section.
 - f. The unacceptable term "General" has been removed from the Directions for Use section.
 - g. Add a space or bold "It is a violation of Federal law to use this product in a manner inconsistent with its labeling" under the directions for use.
 - h. The last line of the Ballast Water Treatment must read as "Refer to the Ecochlor Ballast Water Treatment System Maintenance and Operations Manual" to ensure proper activation.
 - i. The Agency is aware, that the United States Coast Guard (USCG) is evaluating the use of the chlorine dioxide technology as part of the Shipboard Technology Evaluation Program (STEP) where full scale testing is conducted on two commercial shipping vessels (the Atlantic Compass and the Moku Pahu). After completion of this evaluation, please submit the report to the Agency.
3. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



Emily Mitchell
Product Manager 32
Regulatory Branch II
Antimicrobials Division (7510P)

Enclosures: (Stamped Label)

Purate® BWT

A Precursor Chemical Solution for Use Only in the Ecochlor Ballast Water Treatment System utilizing the SVP-Pure® Chlorine Dioxide Generator

This chemical solution is for the use only in the Ecochlor Ballast Water Treatment System, a pesticide device that produces CHLORINE DIOXIDE absorbed into water. In addition to this precursor, the Ecochlor Ballast Water Treatment System usually requires a feedstock of 78% sulfuric acid. Please refer to the Ecochlor Ballast Water Treatment System Maintenance and Operations Manual to ensure proper activation.

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

FIRST AID	
IF IN EYES	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.
IF ON SKIN OR CLOTHING	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.
IF SWALLOWED	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.
IF INHALED	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.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate the use of gastric lavage	

In case of exposure emergency, contact Ecochlor at xxx-xxx-xxxx

ACTIVE INGREDIENT:	
Sodium Chlorate (NaClO3)	40.0%
OTHER INGREDIENTS:	60.0%
TOTAL	100.0%

-FOR INDUSTRIAL USE [REDACTED] - KEEP OUT OF REACH OF CHILDREN

Ecochlor, Inc. 22 Silver Hill Road Acton, MA 01720	EPA Reg. No. 84807- xxx f EPA Est. No. xxxxx-xx-xxx
Net Contents _____	Gallons

**ACCEPTED
with COMMENTS
EPA Letter Dated:**

APR 29 2009

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. **84807-1** Page 1 of 3

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER/PELIGRO

Corrosive to skin and eyes. Causes irreversible eye damage. Causes skin burns. Do not get in eyes or skin or clothing. Wear protective eyewear (goggles or face shield). Wear protective clothing and neoprene gloves. Wash thoroughly with soap and water after handling. May be fatal if inhaled. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. 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

Purate[®] 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. *Purate*[®] BWT is for use only in the Ecochlor Ballast Water Treatment System utilizing the SVP-Pure[®] Chlorine Dioxide Generator, a pesticide device installed to generate chlorine dioxide for the registered uses listed below. Feed rates for *Purate*[®] BWT are determined by the operator to achieve the desired production rate for chlorine dioxide. As described below, the appropriate production rate will depend on the severity of contamination, the degree of control desired, the size of the system and residual necessary for effective control. For all uses, the point of feed of chlorine dioxide should be below the water level to prevent volatilization of the 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 the ballast tanks of 0.1 ppm to 5.0 ppm. The exact dose and ballast water holding time is dependent on the infestation present.

ACCEPTED
with COMMENTS
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Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 84807-1

STORAGE AND DISPOSAL**STORAGE**

Unless delivered in bulk, store in the original container. Store at ambient temperatures from 40°F to 100°F. 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.

DISPOSAL OF WASTES

Pesticide wastes are toxic. 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 DISPOSAL

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 application equipment or tank mix. Fill the container with about 10 percent full with water. Agitate vigorously or recirculate water with pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

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 in the Ecochlor Ballast Water Treatment System utilizing the SVP-Pure® Chlorine Dioxide Generator.

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EPA Letter Dated:

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