

83451-12

7/13/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

JUL 13 2009

Ross Beattie  
Product Registration Specialist  
BWA Water Additives US LLC  
1979 Lakeside Parkway, Suite 925  
Tucker, GA 30084

FILE COPY

Subject: BioLab BCDMH Powder  
EPA Registration No. 83451-12  
Application Date: June 17, 2009  
Receipt Date: June 19, 2009

Dear Mr. Beattie:

This acknowledges receipt of your notification, submitted under the provision of PR Notice 98-10, FIFRA section 3(c)9.

**Proposed Notification:**

- Revision to Storage and Disposal Statement per PR Notice 2007-4

**General Comments:**

Based on a review of the material submitted, the following comment applies:

The notification is acceptable and a copy has been inserted in your file for future reference.

Should you have any questions or comments concerning this letter, please contact me at (703) 308-6345.

Sincerely,

Wanda Y. Henson  
Product Reviewer (32)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)



United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

## Application for Pesticide - Section I

|  |  |  |
|--|--|--|
| 1. Company/Product Number<br>83451-12  | 2. EPA Product Manager<br>Emily Mitchell   | 3. Proposed Classification<br><input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name)<br>BioLab BCDMH Powder   | PM#<br>32  |  |
| 5. Name and Address of Applicant (Include ZIP Code)<br>BWA Water Additives U.S. LLC<br>1979 Lakeside Parkway, Suite 925<br>Tucker, GA 30084<br><input type="checkbox"/> Check if this is a new address | 6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to:<br>EPA Reg. No. _____<br>Product Name _____ |  |

## Section - II

|  |  |
|--|--|
| <input type="checkbox"/> Amendment - Explain below.                            | <input type="checkbox"/> Final printed labels in response to Agency letter dated _____ |
| <input type="checkbox"/> Resubmission in response to Agency letter dated _____ | <input type="checkbox"/> "Me Too" Application.   |
| <input checked="" type="checkbox"/> Notification - Explain below.              | <input type="checkbox"/> Other - Explain below.  |

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Fee Determination: Fee category - Not applicable (Notification) ross.beattie@wateradditives.com

Notification to change Pesticide Container Disposal language per PR Notice 2007-4

See attached page for certification

Update Official Company Address on SAL, as confirmed by January 10, 2007 correspondence from the EPA and to update the EPA Reg. No. as detailed by August 2, 2006 correspondence from the EPA

## Section - III

|   |   |  |  |  |  |
|---|---|--|--|--|--|
| 1. Material This Product Will Be Packaged In:   |   |  |  | 2. Type of Container   |  |
| Child-Resistant Packaging<br><input type="checkbox"/> Yes<br><input type="checkbox"/> No  | Unit Packaging<br><input type="checkbox"/> Yes<br><input type="checkbox"/> No | Water Soluble Packaging<br><input type="checkbox"/> Yes<br><input type="checkbox"/> No |  | <input type="checkbox"/> Metal                                       |  |
|   |   |  |  | <input type="checkbox"/> Plastic                                     |  |
|   |   |  |  | <input type="checkbox"/> Glass                                       |  |
|   |   |  |  | <input type="checkbox"/> Paper                                       |  |
| * Certification must be submitted   |   |  |  | <input type="checkbox"/> Other (Specify) _____                       |  |
| 3. Location of Net Contents Information<br><input type="checkbox"/> Label <input type="checkbox"/> Container  |   | 4. Size(s) Retail Container  |  | 5. Location of Label Directions<br><input type="checkbox"/> On label |  |
| 6. Manner in Which Label is Affixed to Product<br><input type="checkbox"/> Lithograph<br><input type="checkbox"/> Paper glued<br><input type="checkbox"/> Stenciled |   | <input type="checkbox"/> Other _____   |  |  |  |

## Section - IV

|   |  |  |   |
|---|--|--|---|
| 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)   |  |  |   |
| Name<br>Ross Beattie  |  | Title<br>Product Registration Specialist                             |   |
|   |  | Telephone No. (Include Area Code)<br>07816023032                     |   |
| <b>Certification</b><br>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete.<br>I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. |  |  | 6. Date Application Received<br><br>(Stamped) |
| 2. Signature<br>  |  | 3. Title<br>Product Registration Specialist, BWA Water Additives LLC |   |
| 4. Typed Name<br>Ross Beattie   |  | 5. Date<br>June 16/09  |   |

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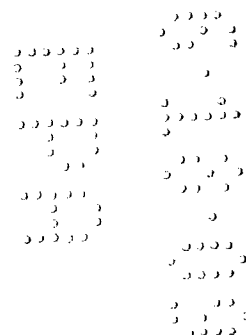
EPA Registration Number: 83451-12  
Registration Name: BioLab BCDMH Powder  
Application for Pesticide dated: June 16, 2009

Section – II

Explanation (Continued)

"Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR 156.10, 156.140, 156.144, 156.146 and 156.156. No other changes have been made to the labeling or Confidential Statement of Formula for this product. I understand that it is a violation of the 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR 156.10, 156.140, 156.144, 156.146 and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA."

*Alonso Renteria*  
*Jun 16/2009*





40f11  
BWA Water Additives  
1979 Lakeside Parkway  
Suite 925  
Tucker, GA 30084  
Tel 678 802 3050  
Fax 678 802 3024

June 16, 2009

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202

Re: **BioLab BCDMH Powder**  
**EPA Reg. No.: 83451-12**

Sir or Madam:

Please process the enclosed notification for the above referenced product.

The purpose of this notification is fourfold:

- 1) Add language required by the Pesticide Container Rule under Storage and Disposal per PR notice 2007-4.

Enclosed are:

- a) Application for Pesticide (EPA Form 8570-1);
  - b) Notification Certification Statement; and
  - c) Proposed label with changes marked.
- 2) BWA Water Additives US LLC (BWA) is submitting this notification of a change to the primary name of the product *BioLab BCDMH Powder* to the new name: *BromiCide Powder* per PR Notice 98-10.
    - a) Application for Pesticide (EPA Form 8570-1);
    - b) Notification Certification Statement; and
    - c) Proposed label with changes marked.
  - 3) Update the company address that appears on the Stamped Accepted Label. Current EPA SAL does not reflect Official EPA Company Name and Address
    - a) Copy of Confirmation of the Official EPA Company Name and Address document;
    - b) Proposed label with changes marked.



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BWA Water Additives  
1979 Lakeside Parkway  
Suite 925  
Tucker, GA 30084  
Tel 678 802 3050  
Fax 678 802 3024

- 4) Update the product EPA Registration Number on the Stamped Accepted Label. Current EPA SAL does not reflect the post-transfer Registration Number of this product.

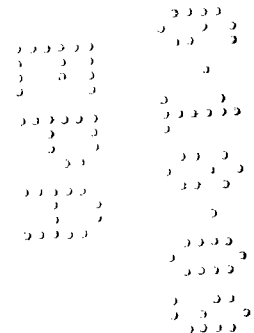
Enclosed are:

- a) Copy of Transfer of Pesticide Registration and Data from Company Number 5185 to Company Number 83451 document
- b) Proposed label with changes marked.

If you have any questions, please contact me via phone (678-802-3032) or email (ross.beattie@wateradditives.com).

Thank you for your time,

Ross Beattie  
Product Registration Specialist  
Enclosures



{All text in brackets [xxx] is optional and may or may not be included on a final label.}  
{All text in braces {xxx} is administrative and will not appear on a final label.}

BromiCide Powder *changed as per PR Notice 98-10*

[For use as a Disinfectant, Sanitizer, Bactericide, Fungicide, Algicide, and for Control of Microbial Slimes in Industrial Processes and Water Systems such as: Recirculating Cooling Water Systems, Once-Through Cooling Water Systems, Wastewater Treatment Systems, Brewery Pasteurizers, Air Conditioners, Dehumidifiers, Evaporative Coolers, Paper and Paperboard Process Water, and Water Features.]

- [Sanitizer]
- [Disinfectant]
- [Bactericide]
- [Algicide]
- [Fungicide]
- [Slimeicide]

**NOTIFICATION**  
Date Reviewed: 7/13/09  
Reviewed By: *[Signature]*

|  |        |
|--|--------|
| ACTIVE INGREDIENT:                     |        |
| 1-Bromo-3-chloro-5,5-dimethylhydantoin | 96.0%  |
| OTHER INGREDIENTS:                     | 4.0%   |
| TOTAL:                                 | 100.0% |

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**

**FIRST AID:**

- IF IN EYES:
- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
  - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
  - 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 for treatment advice.
- 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 treatment advice.
- IF SWALLOWED:
- Call 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 the 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.  
[IN CASE OF MEDICAL EMERGENCY, CALL [1-303-623-5716] [1-877-800-5553] [IN CASE OF TRANSPORT EMERGENCY, CALL [1-800-424-9300] [telephone number supplied by supplemental registrant].]

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Manufactured for:

**BWA Water Additives US LLC**  
1979 Lakeside Parkway, Suite 925  
TUCKER, GEORGIA 30084  
678-802-5000

Update to Official  
EPA Company Name and  
Address - Jan 10, 2007

Update due to Product transfer  
from EPA Co. 5185 to EPA Co. 8345  
Aug 2, 2006

EPA REG. # 83451-12  
EPA EST. # 5185-MI-1

NET WEIGHT:

**DIRECTIONS FOR USE:** It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

#### **RECIRCULATING COOLING WATER SYSTEMS:**

When used as directed, this product effectively controls algal, bacterial, and fungal slimes in commercial and industrial cooling towers, evaporative condensers, influent water systems such as flow-through filters, cooling ponds, canals, and lagoons; heat exchange water systems; industrial water scrubbing systems; brewery pasteurizers; and industrial air washing systems equipped with a mist eliminator.

#### **ONCE-THROUGH COOLING WATER SYSTEMS:**

When used as directed, this product effectively controls algal, bacterial, and fungal slimes in once-through fresh or salt water cooling systems; cooling ponds, canals, and lagoons. Treat cooling water with this product at the system intake or other critical areas, where mixing is uniform.

#### **EVAPORATIVE COOLER:**

When used as directed, this product effectively controls algal, bacterial, and fungal slimes in evaporative coolers.

#### **PASTEURIZER, CAN WARMER, CANNERY, RETORT WATER SYSTEMS:**

When used as directed, this product controls algal, bacterial, and fungal slime in cannery cooling canal water, cannery package warmers, cannery pasteurizer water, and retort water.

#### **DOSAGE RATES [FOR [COOLING WATER SYSTEMS,] [EVAPORATIVE COOLERS,] AND [PASTEURIZER, CAN WARMER, CANNERY, RETORT WATER SYSTEMS] {or} [FOR ABOVE APPLICATIONS].**

**Initial Dose:** When the system is noticeably fouled, add 0.2 to 0.6 pounds/1000 gallons (0.24 to 0.72 kilograms/10,000 liters) of water contained in the system. Repeat initial dosage until 1 to 3 parts per million (milligrams per liter) bromine residual is established for at least 4 hours.

**Subsequent Dose:** When microbial control is evident, add 0.1 to 0.3 pounds/1000 gallons (0.12 to 0.36 kilograms/10,000 liters) of water contained in the system. Repeat as needed to maintain 1 to 3 parts per million (milligrams per liter) bromine residual for at least 4 hours.

#### **WASTEWATER TREATMENT SYSTEMS:**

When used as directed, this product effectively controls algal, bacterial, and fungal slimes and offers rapid disinfection of primary, secondary, and tertiary wastewater treatment systems.

#### **DOSAGE RATES.**

Add 0.1 to 0.6 pounds/1000 gallons (0.12 to 0.72 kilograms/10,000 liters) of water treated to maintain a 0.5 to 5.0 parts per million (milligrams per liter) bromine residual at the injection point in the disinfection contact chamber. Adjust this product's dosage to achieve disinfection and minimize the halogen concentration at the exit of the contact chamber. Do not use treated wastewater to irrigate crops.



## **PULP AND PAPER MILLS:**

When used as directed this product effectively controls algal, bacterial, and fungal slime in pulp and paper mill fresh and sea water influent water systems; cooling water systems, wastewater treatment systems, service water systems, white water systems, and other process water.

This product is intended for use as a slimicide for the process water used in the manufacture of paper and paperboard products. Do not exceed 1,000 grams (2.2 pounds) of this product per dry metric ton of fiber when this product is used in the manufacture of paper and paperboard products that contact food. Treat water at critical areas in the system process where mixing of the product with influent will be uniform. The frequency and duration of the treatment will depend upon the severity of the problem. Badly fouled process systems must be cleaned before initial treatment.

## **PRODUCT APPLICATION.**

### **TREATMENT BY SYSTEM VOLUME:**

When a system is noticeably fouled: add 0.1 to 1.0 pounds of this product to 1,000 gallons or 12 to 120 parts per million (milligrams per liter) of water in the system.

When biological control is evident: add 0.1 to 0.75 pounds of this product to 1,000 gallons or 12 to 90 parts per million (milligrams per liter) of water in the system.

### **TREATMENT BY RESIDUAL METHOD:**

Add sufficient amount of this product to maintain a measured residual up to 5 parts per million (milligrams per liter) as bromine. Once biological control is evident, the use of this product normally can be reduced to something less than 1 part per million as bromine.

To calculate the appropriate level of this product, estimate the paper mill's daily production, then add, over a 24 hour period, up to 1,000 grams (2.2 pounds) of this product per dry metric ton of dry fiber. Test for bromine to verify the level of 5 parts per million (milligrams per liter) is not being exceeded.

## **WATER FOUNTAINS/REFLECTING PONDS:**

This product, when used as directed, is effective as a water feature sanitizer and disinfectant.

## **DOSAGE RATES.**

Ensure all equipment is working properly. Backwash the filter system (if present) following manufacturer's directions. Adjust pH to between 7.2-7.6. When using other products as outlined in directions for this product, always follow directions on those products.

A bromine or chlorine residual of 1-2 ppm must first be established in the water. If the residual is established with this product in a brominator, use the brominator at the highest feed rate following manufacturer's recommendations. When the bromine residual reaches 1-2 ppm adjust the feeder accordingly. To maintain bromine residual, adjust the brominator feed rate to assure a constant treatment level of 1-3 ppm. Regular use of a test kit is necessary to maintain a bromine residual in the water.

## STORAGE AND DISPOSAL:

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

**PESTICIDE STORAGE:** Keep product dry and store in a cool dry well-ventilated area away from heat or open flame. Store in original container.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. 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 Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

*Changed per PR Notice 2007-4*

**CONTAINER DISPOSAL:** *{Use Super Sack, Fiber Drum or Pail section as appropriate for container.}* ↓

**[SUPER SACK:** Completely empty bag into application equipment. Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available.]

**[FIBER DRUM:** Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 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.]

**[PAIL:** Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ 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.

**EMERGENCY HANDLING:** In case of contamination or decomposition do not reseal container. If possible, isolate container in open and well-ventilated area. Flood with large volumes of water. Dispose of contaminated material in an approved landfill area.

## PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS:** DANGER: Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. Irritating to nose and throat. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Wear protective clothing and rubber gloves when handling this product. Avoid breathing dust and fumes. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**PHYSICAL OR CHEMICAL HAZARDS:** STRONG OXIDIZING AGENT: Do not mix with other chemicals. Mix only with water. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter or other chemicals will start a chemical reaction and generate heat, hazardous gas, possible fire and explosion. In case of contamination or decomposition, do not reseal container. If possible, isolate container in open air or well ventilated area. Flood area with large volumes of water.

**ENVIRONMENTAL HAZARDS:** This pesticide 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.

*{Optional text}*

[Treatment levels can be measured with test kits for either bromine or chlorine. Tests should be made immediately after drawing water samples from the system. Use test kits according to directions.

1. When a bromine test kit is used, results can be read directly as parts per million (milligrams per liter) bromine.
2. When a chlorine test kit is used, results can be expressed in terms of bromine by multiplying chlorine values by the conversion factor 2.25.]

NOTE: Buyer assumes all responsibility for safety and use not in accordance with directions.

