

35056-4

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



United States
Environmental Protection
Agency

Office of Pesticide Programs

AUG - 6 2013

Landis International
c/o Bio-Dex Laboratories
3185 Madison Highway
P. O. Box 5126
Valdosta, GA 31603-5126501

Attention: Crystal Layton, Agent

Subject: Aqua Pure Algaecide
EPA Registration No. 35056-4
Notification Dated July 19, 2013

This will acknowledge receipt of your notification, submitted under the provisions of FIFRA Section 3(c)(9).

Proposed Notification

- Minor Label Changes

General Comments

Based on a review of the submitted material, the following comments apply:

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been made a part of your file.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,

Marshall Swindell
Product Manager (33)
Regulatory Management Branch 1
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 BIO-DEX Laboratories/35056-4	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Aqua Pure Algaecide 35056-4	PM# 33	
5. Name and Address of Applicant (Include ZIP Code) BIO-DEX Laboratories 501 West Lone Cactus Drive Phoenix, AZ 85027 <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: EPA Reg. No. _____ 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.)
 Notification of minor label edits per PR Notice 98-10.
 This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, 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.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <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 <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container	5. Location of Label Directions <input type="checkbox"/>		
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <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 Crystal Layton	Title Regulatory Agent	Telephone No. (Include Area Code) 228-247-6472
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. 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 (Stamped)
2. Signature 	3. Title Regulatory Agent	
4. Typed Name Crystal Layton	5. Date 7/19/2013	



LANDIS
INTERNATIONAL
R & D MANAGEMENT

July 19, 2013

Marshall Swindell, PM 33
Regulatory Management Branch I
Antimicrobials Division (7510P)
Document Processing Desk
U.S. EPA Office of Pesticide Programs
One Potomac Yard (South Building)
2777 S. Crystal Drive
Arlington, VA 22202

(703)-308-6341

Subject: Notification for Aqua Pure Algaecide EPA Registration Number: 35056-4

Dear Mr. Swindell,

This notification is being submitted to add update the statement "See Left Panel *For First Aid And Additional Precautionary Statements*" as the First Aid statements will also be on the left panel of the label. On behalf of BIO-DEX Laboratories please find enclosed the following in support of this notification:

- Application for Pesticide Registration (EPA Form 8570-1)
- Final label
- Mark-Up label

Thank you for your assistance. If you have any questions or need additional information, please do not hesitate to contact me via email at clayton@landisintl.com or via phone at 229-247-6472.

Sincerely,

Crystal Layton
Regulatory Agent, BIO-DEX Laboratories

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BIO-DEX®

Aqua Pure Algaecide

Aqua Pure Algaecide Swimming Pool Water Treatment for control of Green, Blue-Green, Mustard (yellow), and other resistant forms of Algae and Slime Control.

ACTIVE INGREDIENTS:

Copper sulfate pentahydrate†*	28.029%
Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride††	0.625%
Alkyl (68% C12, 32% C14,) dimethyl ethylbenzyl ammonium chloride‡	0.625%
INERT INGREDIENTS.....	<u>70.721%</u>
Total.....	100.000%

†CAS No. 7758-99-8

* Contains 7.1% elemental copper

††CAS No. 53516-76-0

‡CAS No. 85409-23-0

KEEP OUT OF REACH OF CHILDREN

WARNING

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

See Left Panel For First Aid And Additional Precautionary Statements

FIRST AID	
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • 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 IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF SWALLOWED	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • 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 advice.
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information on [product, use, etc.], call the National Pesticides Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center 1-800-222-1222.	

Manufactured By:
BIO-DEX LABORATORIES
Phoenix, Arizona 85027

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NET CONTENTS 1 QUART (0.946 LITERS)

EPA REG. NO. 35056-4

EPA EST. NO. 35056-AZ-01

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

WARNING

WARNING: May be fatal if absorbed through skin. Causes skin irritation. Harmful if swallowed. Causes moderate eye but temporary eye irritation. Harmful if inhaled. Do not get in eyes, on skin, or on clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum using tobacco or using the toilet. Wear protective eyewear (goggles, safety glasses or face shield), protective clothing, and rubber gloves. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear the following: Coveralls over short sleeved shirt and short pants, chemical-resistant footwear plus socks and chemical-resistant gloves made of any waterproof material. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the products concentrate. Do not reuse them.

User Safety Recommendations

Users should wash hands thoroughly with soap and water before eating, drinking, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. As soon as possible wash thoroughly and change into clean clothing. Wash the outside of gloves before removing.

ENVIRONMENTAL HAZARD

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. For terrestrial uses, do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

PHYSICAL OR CHEMICAL HAZARDS

Do not mix with soap, anionic detergents or oxidizers.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Please read entire label and use strictly in accordance with precautionary statements and directions. Do not apply this product in a way that will contact adults, children, or pets, either directly or through drift. This product requires no special equipment for treating swimming pool water. The correct use dilution may be added directly to the pool in any spot or added to the water circulation equipment. This product works the best when added by itself directly to pool water.

This product is compatible with most chemicals normally used in swimming pool maintenance: however, in its concentrated form, this chemical should not come in contact with high concentrations of chlorine or any other oxidizer. **DO NOT MIX THIS PRODUCT AND CHLORINE OR ANY OTHER OXIDIZER TOGETHER** before adding to the pool. These chemicals should be handled separately. This product is not a stand-alone product. It must be used with halogen based pool sanitizers.

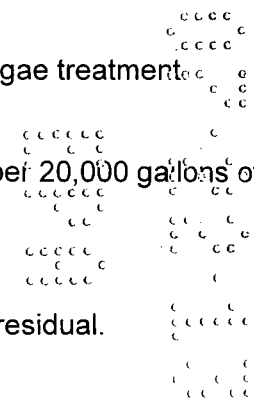
Initial Dose: When pool has visible algae growth, add 1 quart (32 oz.) of Aqua Pure Algaecide per 20,000 gallons of pool water by distributing around pool perimeter. One half hour (30 minutes) after adding algaecide, add three gallons (3 gals.) liquid chlorine per 10,000 gallons of water, or 2 lbs. dry chlorine per 10,000 gallons of water, or 2 lbs. dry chlorine (Calcium Hypochlorite) or equivalent other types dry chlorine, per 10,000 gallons water. Add Aqua Pure Algaecide to water by itself, do not mix or premix with other pool chemicals. Aqua Pure is non-corrosive at use dilutions to inanimate surfaces.

Discontinue swimming until chlorine residual is 1 ppm. Keep filter system operating continuously for 48 hours after treatment.

Backwash filter as required and brush pool daily. Vacuum pool before and after algae treatment.

Maintenance dose (pool is free of visible algae): Add 4 oz. Aqua Pure Algaecide per 20,000 gallons of pool water every two weeks during the swimming season.

Maintain pH of pool water in the range of 7.2 to 7.6 and maintain correct chlorine residual. Each graduation of side of bottle represents approximately 2 ounces.



STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original containers and place in locked storage area. Keep from freezing.

SPILLS OR LEAK PROCEDURES: Small spill may be mopped up and flushed away with water or absorbed on some absorbent material and incinerated.

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.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY STATEMENT

BIODEX LABORATORIES warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of BIODEX LABORATORIES. To the extent permitted by applicable law, BIODEX LABORATORIES shall not be liable for consequential, special or indirect damages resulting from the use or handling of this product. To the extent permitted by applicable law, all such risks shall be assumed by the Buyer. To the extent permitted by applicable law exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling or application of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid for this product or at BIODEX LABORATORIES election, the replacement of this product. BIODEX LABORATORIES MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.