



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 11, 2019

Ms. Tasha Lott
Regulatory Agency for,
Bio-Dex Laboratories, LLC
c/o Landis International, Inc.
3185 Madison Ave.
Valdosta, GA 31602

Subject: Label Amendment – To revise the product labeling
Product Name: Aqua Pure Algaecide
EPA Registration Number: 35056-4
Application Date: November 28, 2018
Decision Number: 546948

Dear Ms Lott:

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

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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 Karen M. Leavy by phone at (703)-308-6237, or via email at Leavy.Karen@epa.gov.

Sincerely,



Eric Miederhoff
Product Manager 31
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure

COPPER	GROUP	NOT CLASSIFIED	HERBICIDE
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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:

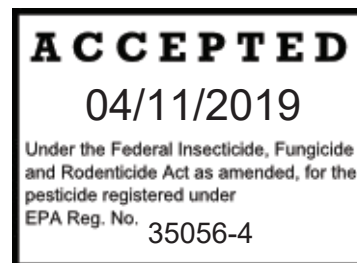
Copper sulfate pentahydrate†*	28.029%
Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride††	0.625%
Alkyl (68% C12, 32% C14,) dimethyl ethylbenzyl ammonium chloride‡	0.625%
INERT INGREDIENTS	70.721%
Total	100.000%

†CAS No. 7758-99-8

††CAS No. 53516-76-0

‡CAS No. 85409-23-0

* Contains 7.1% elemental copper



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 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.	
<p>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.</p>	

Manufactured By:
BIO-DEX LABORATORIES, LLC
Phoenix, Arizona 85086

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NET CONTENTS 1 QUART (0.946 LITERS)

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

WARNING: May be fatal if absorbed through skin. Causes skin irritation. Harmful if swallowed. Causes substantial but temporary eye injury. Harmful if inhaled. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, safety glasses or face shield), protective clothing, chemical resistant footwear plus socks and rubber gloves. 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. 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: barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyethylene, polyvinyl chloride ≥ 14 mils, or viton ≥ 14 mils. 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.

General Precautions and Restrictions

Do not apply when swimmers are in the immediate vicinity. Do not allow reentry to the pool for 15 minutes. 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.

Pre-Application Dose Determination: For algae treatments, applicators should conduct initial dose determination tests simulating a full-scale treatment program to determine the minimum efficacious concentrations for eliminating the target species, unless an effective dose is already known for the given target pest population.

Initial Dose: When pool has visible algae growth, add 1 quart (32 oz.) of Aqua Pure Algaecide (0.14 lbs. metallic copper) 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 the pool before and after algae treatment.

Maintenance dose (pool is free of visible algae): Add 4 oz. Aqua Pure Algaecide (0.02 lbs. metallic copper) 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.

Discharge Directions: Before draining a treated pool contact your local sanitary sewer and storm drain

authorities and follow their discharge instructions. Do not discharge treated pool or spa water to any location that flows to a gutter, storm drain or natural water body unless discharge is allowed by state and local authorities.

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: Non-refillable 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 $\frac{1}{4}$ 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

Bio-Dex Laboratories, LLC 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 Bio-Dex Laboratories, LLC. To the extent permitted by applicable law, Bio-Dex Laboratories, LLC 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 Bio-Dex Laboratories, LLC election, the replacement of this product. Bio-Dex Laboratories, LLC makes no warranties of merchantability or fitness for a particular purpose or any other express or implied warranty except as stated above.

CLL DCI Revisions 20151028

TGL Copper ID Revisions 20190201; (e)Revisions 20190320