

74849-2

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Antimicrobials Division (7510C)  
1200 Pennsylvania Avenue NW  
Washington, D.C. 20460

EPA Number: 74849-2  
Date of Issuance: APR 4 2008

Term of Issuance:  
Conditional

Name of Pesticide Product:  
Ultima Nix Total Control  
Algaecide

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Ms. Marianne Radtke  
Advantis Technologies, Inc  
W175 N11163 Stonewood Drive, Ste234  
Germantown, WI 53022

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-383310) is conditionally 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 Registration Symbol to read, "EPA Reg. No.74849-2".
  - b. Under the Precautionary Statements, revise the 4<sup>th</sup> statement to read "May be fatal if inhaled." Also, revise the 6<sup>th</sup> statement to read

Signature of Approving Official:

Date:

*Marianne Radtke*  
Marianne Radtke

CONCURRENCES

SYMBOL	Product Manager Team-31				APR 4 2008	
SURNAME	Regulatory Management Branch					
DATE	Antimicrobials Division (7510P)					

"Harmful if swallowed and absorbed through the skin.

c. The "First Aid" statements must be reorganized with the severest route of exposure determined by toxicity category listed first. Therefore, you must rearrange the statements to read: "If in Eyes, If on Skin, If Inhaled, and If Swallowed.

d. Revise the "Environmental Hazards" statement to comply with the ADBAC RED by stating "This product is toxic to fish, aquatic invertebrates, oysters, and shrimp."

e. Revise the statement, "This product is compatible with ... sanitized pools," on page 2 to read "This product is compatible with all EPA approved sanitizers...sanitized pools."

f. Add the following information to the "Directions for Use" before the Initial Application instructions:

When using other EPA registered products, always follow the directions for use. Sunlight, rainfall, temperature, number of swimmers, and frequency of pool use, all affect the rate of chlorine loss. Always maintain chlorine levels between 1-3 ppm. Ensure all pool equipment is working properly. Clean or backwash the filter following manufacturers directions.

g. Revise the "Initial Application" directions to state:

- 1) *If visible algae is present, add 25 oz per 25,000 gallons of water ( 2 ppm.). For clean pools, add 16 oz per 25,000 of water ( 2 ppm).* Pour directly into the water along the edge of the pool.
- 2) Operate the pump continuously for 24 hours to allow product to evenly distribute the pool and allow the filter to recover the phosphate removed from the water.
- 3) *After 24 hours, if necessary, brush dead algae off pool surfaces. If algae is still present, then repeat step 1.*

h. Revise the "Maintenance Application" directions by stating:

- 1) *To prevent algae growth, add this product weekly or after heavy rain at a rate of 4 oz per 25,000 gallons of water (0.5 ppm) by pouring directly into the water along the edge of the pool.*
- 2) Maintain circulation by running the pump for at least 4 hours after application.

3. The submitted acute oral study is conditionally acceptable provided you submit a new study conducted according to OPPTS Guidelines within 6 months of receiving this registration notice.

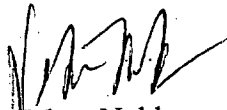
4. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

CONCURRENCES							
SYMBOL							
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DATE							

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. Should you have any questions regarding this letter, please contact Jacqueline McFarlane at (703) 308-6416.

Sincerely,



Velma Noble  
Product Manager (31)  
Regulatory Management Branch  
Antimicrobials Division (7510P)

Enclosure: Stamped Label  
Chemistry Data Evaluation

CONCURRENCES

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SYMBOL							
SURNAME							
DATE							

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

**DANGER**, Keep Out of Reach of Children. Corrosive. Causes irreversible eye damage and skin burns. Harmful if inhaled. Avoid breathing vapor or spray mist. Harmful if swallowed. Do not get into eyes, on skin or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses), rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARD**

This product is toxic to fish.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame. Do not mix with oxidizers, soap or anionic detergents or other water treating chemicals.

*(If the container is greater than one gallon use the following storage and disposal statements)*

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Do not store on side. Avoid creasing or impacting of side walls. Store only in original container. Do not reuse empty container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use. Keep from freezing.

**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 DISPOSAL** (Larger than 1 gal.) – Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

**STORAGE AND DISPOSAL**

Store in original container and place in locked storage area. Keep from freezing. Do not contaminate water, food, or feed by storage or disposal. Small spills may be mopped up or flushed away with water or absorbed on some absorbent material. Wrap container and put in trash. Securely wrap original container in several layers of newspaper and discard in trash.

Advantis Technologies, Inc.

1400 Bluegrass Lakes Parkway

Alpharetta, GA 30004

Contents: 32 ounces

**ULTIMA NIX  
TOTAL CONTROL ALGAECIDE**

Controls Algae and Algae Slime Growth in Swimming Pool water while effectively reducing the amount of phosphate present.

Combination algaecide and phosphate remover

Controls swimming pool algae

Reduces phosphates

Dual action formula

Controls Algae in Swimming Pools

Economical Algaecide

Low Foaming Formula

Phosphate reducer

Stops algae before it starts

No pre-mixing

No pre-mixing required

Non-metallic, non-staining formula

Easy to use

Concentrated formula

Use weekly to prevent algae and reduce phosphates

Use weekly to prevent algae

Algae preventer and phosphate reduce in one!

Keeps your pool algae free!

No phosphate testing required

Multi-action formula

Eliminates and prevents algae while removing phosphates

**ACTIVE INGREDIENT:**

Alkyl (50% C<sub>14</sub>, 40% C<sub>12</sub>, 10% C<sub>16</sub>)

dimethyl benzyl ammonium chloride..... 40.0%

**OTHER INGREDIENTS:**..... 60.0%

**TOTAL:**..... 100.0%

This dual action product reduces phosphates and treats algae present in swimming pool water. Phosphates are food for algae and without them present in the water, algae cannot grow. By using this combination product, algae will be stopped in its tracks. Your pool will be algae free all season long!

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

See left panel for additional precautionary statements

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
APR 4 2008  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No  
714892-2

## First Aid

Have the product container or label with you when calling a poison control center or doctor, or going for treatment

**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 IN EYES:** 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:** 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 advice.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

You may also contact 1-800-222-1222 for emergency medical treatment information.

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

### FOR SWIMMING POOLS

This product is compatible with all sanitizers including chlorine, bromine, biguanide, salt water, ozone, and mineral sanitized pools.

Directions for use:

For best results, ensure proper pH, alkalinity and sanitizer levels are maintained in the pool. Initial Application: SHAKE WELL BEFORE USING. For best results, distribute the product around the pool until the required amount has been added.

1. Add 16 oz. of this product per 25,000 gallons directly to the pool.
2. Operate the pump continuously for 24 hours to allow product to be distributed throughout the pool and to allow the filter to recover any phosphate removed from the water. Maintenance: SHAKE WELL BEFORE USING. For best results, distribute the required amount around the pool.

1. Add 4 ozs. of this product per 25,000 gallons of water directly to the pool weekly.

2. Maintain the circulation by running the pump for at least 4 hours after application.

NOTE: Swimmers can re-enter the pool 15 minutes after application of the product.

How to measure the gallon capacity of your pool:

Measure Length (L), Width (W) and average Depth (D) in feet.

For Square or Rectangular pools:  $L \times W \times D \times 7.5 = \text{gallons}$

For Circular or Elliptical Pools:  $L \times W \times D \times 5.9 = \text{gallons}$

## FOR WINTERIZING POOLS BEFORE FREEZING

Use of this product for winterizing will make opening in the spring easier by both eliminating any algae present at time of closing and by removing the nutrient phosphate that may be present.

Test the water and adjust to the proper levels. After pool is no longer in use shock treat with a recommended shock treatment product, according to label directions. Allow pump to circulate for several hours or overnight. Add algacide directly to pool water, walking around the pool, so that it is evenly distributed. Use at the rate of 32 ounces per 15,000 gallons. Allow to circulate for a few hours. Clean pool water line, shut down filter, drain pump, and winterize as per manufacturer's instructions. Cover with a solid cover if possible. Pools without a solid cover may need a second treatment later in the non-swimming season.

E.P.A. Reg. No. 74849 - xx

E.P.A. Est. No. 42291-GA-1