



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**Washington, D.C. 20460**

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

December 13, 2010

Mark Visconti  
Alden Leeds, Inc.  
55 Jacobus Avenue  
South Kearny, NJ. 07032

Subject: Nuclio 7 Day Tablets 3" Chlorinating 8 Ounce  
EPA Registration 7124-53  
Application Date: September 1, 2010

Dear Mr. Visconti:

The Agency has reviewed your submission in accordance with continuing registration under the Federal Insecticide Fungicide and Rodenticide Act (FIFRA), as amended, and determined the action to be acceptable with the following conditions:

- Revise the marketing claim "Disinfects, kills algae and bacteria" to read "Kills algae".
- Move the Precautionary Statements for Hazards to Humans and Domestic Animals section underneath the First Aid statements directly above the Environmental Hazards.
- Under Hazards to Humans and Domestic Animals, change "Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco" to "Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet."
- Under the three Directions for Use headings revise the subheading to read "It is a violation of Federal Law to use this product in a manner inconsistent with its labeling".
- Under Directions for Swimming Pool change "Pool should not be entered until the chlorine residual is below 3.0 ppm" to read "Reentry into treated swimming pools is prohibited above levels of 3 ppm of chlorine".
- In accordance with PR Notice 2007-4 revise the Storage and Disposal instructions as follows:

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in original container, tightly closed away from heat or open flame. Store in a cool, dry, well ventilated place. Keep container off wet floors.

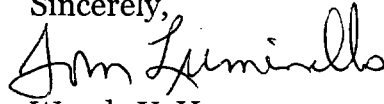
**PESTICIDE DISPOSAL:** Do not put spilled product, filled or partially filled containers in the trash. In case of decomposition, isolate container in open area if possible and flood with large amounts of water. Dispose of waste material according to label use directions otherwise call 1-800-CLEANUP for guidance from your local solid waste agency.

- Under CONTAINER DISPOSAL change  $\frac{3}{4}$  full to  $\frac{1}{4}$  full.

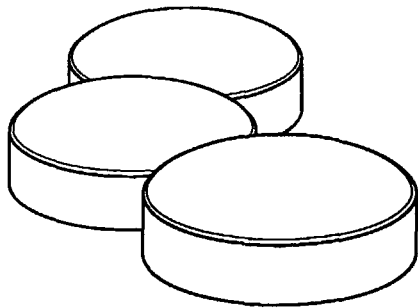
In summary, your request to update the Storage and Disposal instructions is approved.

A stamped copy of the labeling accepted with conditions is enclosed. Submit one copy of your final printed labeling before distributing or selling the product bearing the revised labeling. If you have any questions, please contact Tom Luminello by telephone, (703) 308-8075, or by e-mail at [luminello.tom@epa.gov](mailto:luminello.tom@epa.gov).

Sincerely,

  
for Wanda Y. Henson

Acting Product Manager 32  
Regulatory Management Branch II  
Antimicrobials Division (7510 P)



# 7 DAY TABLETS

3" Chlorinating • 8 Ounce

# muclo®

ACTIVE INGREDIENT:  
Trichloro-s-Triazinetrione\*..... 99.0%  
INERT INGREDIENT: ..... 1.0%  
TOTAL: ..... 100.0%  
\* Provides 89% Available Chlorine

NET WT. ☐ 25 LBS. ☐ 50 LBS.

KEEP OUT OF REACH OF CHILDREN

**DANGER**

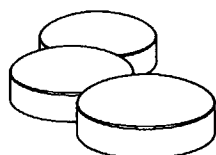
SEE FIRST AID STATEMENT AND OTHER  
PRECAUTIONS ON BACK PANEL  
BEFORE OPENING CONTAINER

ACCEPTED  
with GROUNDWATER  
in EPA Region 10

DEC 13 2010

Under the Pesticide  
Fungicide  
Insecticide  
Herbicide

3/4  
712.4-53



# 7 DAY TABLETS

3" Chlorinating • 8 Ounce

✓ 100% Soluble

✓ Disinfects, kills algae and bacteria

✓ Slow dissolving

✓ UV Stabilized - 24 hour chlorine residual

✓ 1 tablet per 7,500 gallons weekly

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if absorbed through skin. May be fatal if inhaled. Do not breathe dust or spray mists. Irritating to nose and throat. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield, protective clothing and rubber gloves when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.

### FIRST AID:

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

**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 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.

**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.

**PHYSICAL AND CHEMICAL HAZARDS: STRONG OXIDIZING AGENT.** 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 may start a chemical reaction with generation of heat, liberation of hazardous gasses and possible generation of fire and explosion.

## SPECIAL PRECAUTIONS

### PLEASE READ BEFORE OPENING CONTAINER

#### PREVENTION OF PHYSICAL INJURY

1. This product emits a powerful chlorine gas. Do not open container indoors.

Hold away from face when opening to avoid breathing fumes.

This product is dangerous when not used properly.

MISUSE MAY RESULT IN SERIOUS PERSONAL INJURY

## REQUIRING HOSPITALIZATION RELATED COMPLICATIONS MAY LEAD TO DEATH

Do not mix with any other chemicals

Mixing with other chemicals may cause a violent and instantaneous chemical reaction

Do not add water to this product

Do not add this product to water in a pail

Do not take advice from others.

Do not experiment

Follow label instructions exactly.

**PREVENTION OF PROPERTY DAMAGE:** Contact between this product in its undissolved state and vinyl liners, painted surfaces or other property in or around the pool will result in permanent bleaching of the color.

## DIRECTIONS FOR SWIMMING POOL USE

It is in violation of federal law to use this product in a manner inconsistent with its labeling. These tablets are manufactured with the most concentrated form of dry chlorine available today. They are consistent in size and slow dissolving in nature to allow you to reliably dose your pool once a week. These tablets contain cyanuric acid - a stabilizer that prevents ultra violet light from removing available chlorine from the pool. These tablets allow you to easily maintain proper chlorine residuals and help you to effortlessly produce beautiful, clean sparkling water.

1. Adjust water pH to 7.2-7.6 as determined by a test kit. For pools with copper plumbing best pH factor is 7.6-7.8.

2. If the pool has not been previously stabilized add Conditioner and Stabilizer (cyanuric acid). Follow the directions for use on the label for that product.

**UNSTABILIZED POOLS:** Follow steps 1 and 2 and then add two (2) tablets per 7,500 gallons of pool water to establish a chlorine residual of 1.0-1.5 ppm as determined by test kit. Repeat dosages as needed to maintain a residual of 1.0-1.5 ppm at all times. Thereafter, add 1 tablet per 7,500 gallons per week or as needed to maintain chlorine residual of 1.0-1.5 ppm.

**STABILIZED POOLS:** Follow step 1 and then add 1 tablet per 7,500 gallons per week or as needed to maintain a chlorine residual of 1.0-1.5 ppm at all times as determined by a test kit. Maintain some flexibility in dosing your pool as chlorine demand will vary depending upon factors such as air and water temperature, bather load, frequency and intensity of rain or thunder storms and pool exposure.

Shock your pool weekly during hot weather and less frequently in cooler periods according to instructions provided with the chosen product. Pool should not be entered until the chlorine residual is below 3.0 ppm.

Application should be made using one of the following methods:

**FLOATING CHLORINATOR:** Load floating chlorinator with prescribed dosage as per instructions on that chlorinator. Allow chlorinator to float freely in pool. Increase chlorination by increasing dosage or by securing chlorinator in a highly agitated area of the pool. Decrease chlorination by decreasing dosage or by securing chlorinator in an area of less agitation.

**SKIMMER METHOD:** Empty the skimmer of all chemicals and/or debris. Place prescribed dosage into skimmer basket. Length of filtration cycle will influence the rate at which the tablets will dissolve.

**IN-LINE EROSION CHLORINATOR:** Load prescribed dosage into chlorinator according to instructions supplied with the chlorinator. Adjust the chlorinator control valves to always maintain the desired chlorine residual.

## DIRECTIONS FOR WINTER USE

It is in violation of federal law to use this product in a manner inconsistent with its labeling. These tablets will help your pool stay clean and algae free through the winter months when the pool is covered and the recirculation and filtration system is off. This product should be applied as the last step prior to covering the pool.

1. Adjust water pH to 7.2-7.6 as determined by a test kit. For pools with copper plumbing best pH factor is 7.6-7.8.

2. Use Winter Tablets at the rate of 1 lb. (2-8 oz. tablets) per 5,000 gallons of water. This will provide 21 ppm of available chlorine during the winter storage months to help control the growth of algae and bacteria.

Place loaded floating chlorinator over deepest area of pool away from walls. Secure in place through the use of monofilament (fishing line) or nylon string.

## POOL GALLON CALCULATOR (all dimensions in feet)

Square or Rectangular: Length x Width x Average Depth x 7.5 = Gallons

Round or Oval: Length x Width x Average Depth x 5.9 = Gallons

## DIRECTIONS FOR INDUSTRIAL USE

It is in violation of federal law to use this product in a manner inconsistent with its labeling. A slow dissolving microbicide, algicide and disinfectant for the reduction and elimination of algal slime, bacteria and fungi in recirculating commercial and industrial water cooling towers and decorative fountains.

These tablets contain a high concentration of chlorine which may be dangerous if not applied as directed. Please read special precautions before use.

1. Adjust water pH to 7.2-7.8.

2. If the water has not been previously stabilized with cyanuric acid add the correct dosage. Follow the directions for use on the label for that product.

3. Fill chlorinator with tablets. The rate at which the tablets dissolve depends upon the volume of water flowing through the chlorinator. Keep chlorine residual above 1 ppm at all times.

4. Adjust valves on chlorinator so that water flow can be observed passing through. Keep chlorine residuals between 1 and 2 ppm by increasing or decreasing flow with proper valve settings.

**PLEASE NOTE:** The pH of these tablets is on the acid side and will tend to reduce the pH and alkalinity of pool water. Proper pH should be maintained at 7.2-7.6 as determined by a test kit through periodic additions of sodium carbonate or sodium bicarbonate.

Each tablet weighs 227 grams or 8.0 ounces.

**STORAGE AND DISPOSAL:** Keep product dry in tightly closed container when not in use. Store in cool, dry, well-ventilated area away from heat or open flame. In case of decomposition isolate container in open area if possible and flood with large amounts of water.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. 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 3/4 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. Offer for recycling, if available, or discard in trash.

**m.clo.**

Manufactured by: **ALDEN LEEDS, INC.**  
55 Jacobus Ave., So. Kearny, NJ 07032

E.P.A. REG. NO. 7124-53 E.P.A. EST. NO 7124-NJ-1

7124-53

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