

7124-31

12/9/2010

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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

December 9, 2010

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

Subject: Nuclon Concentrated Pool Chlorinating Granules  
EPA Registration 7124-31  
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:

- Move the Precautionary Statements for Hazards to Humans and Domestic Animals section underneath the First Aid statements directly above the Environmental Hazards.
- Under First Aid statement, move the If In Eyes treatment to the top of the other three.
- Under Hazards to Humans and Domestic Animals, change "Wash thoroughly with soap and water after handling" to "Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet."
- Under Directions for Use for Superchlorination change "Bathers should not be allowed to enter the pool until the chlorine residual has dropped below 3.0 ppm or less" to read "Reentry into treated swimming pools is prohibited above levels of 3 ppm of chlorine".
- Under Directions for Use for Shock Treatment delete "Swimmers should not be allowed to enter the pool until the chlorine residual has dropped below 3.0 ppm or less."
- Under Directions for Use for Shock Treatment 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".
- Under Directions for Use for Spa Care change "Bathers should not be allowed to enter the pool until the chlorine residual has dropped below 3.0 ppm or less" to read "Reentry into treated spas is prohibited above levels of 3 ppm of chlorine".
- Under Directions for Use for Spa Care Shock Treatment change "Bathers should not be allowed to enter the pool until the chlorine residual has dropped below 3.0 ppm or less" to read "Reentry into treated spas is prohibited above levels of 3 ppm of chlorine".
- Under Spa Care Shock Treatment directions change "p.p.m." to "ppm".

- 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.

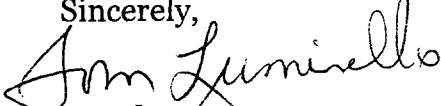
**PESTICIDE DISPOSAL:** Do not put spilled product, filled or partially filled containers in the trash. In case of decomposition, isolate container in open area if possible and flood with large amounts of water. Dispose of waste material according to label use directions otherwise call 1-800-CLEANUP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

**Muclo®**

**Concentrated  
Pool Chlorinating  
GRANULES**

ACTIVE INGREDIENT:  
Sodium Dichloro-s-Triazinetrione  
Dihydrate ..... 99.0%

OTHER INGREDIENTS: ..... 1.0%

TOTAL: ..... 100.0%

\* Provides 56% Available Chlorine

KEEP OUT OF REACH OF CHILDREN

**DANGER**

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

NET WT. 10 LBS. (4.54 kg)

ACCEPTED  
with COMMENTS  
M.A. P. Becker, dated:

DEC 09 2010

7124-31

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. Causes irreversible eye damage. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe dust, vapor or spray mist. Wear goggles, face shield or safety glasses. Wash thoroughly with soap and water after handling. 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 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 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 further 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 the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

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

**ENVIRONMENTAL HAZARDS:** This product 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.

2. 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 USE

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

##### SUPERCHLORINATION

When starting up a new pool superchlorinate to satisfy chlorine demand and to establish a chlorine residual of 1.0 ppm to 1.5 ppm available chlorine. Add 2 oz. of this product per 1,000 gallons which will provide 8.7 ppm available chlorine. Test with a reliable chlorine test kit. Bathers should not be allowed to enter the pool until the chlorine residual has dropped to 3.0 ppm or less. The next morning add Conditioner and Stabilizer (Cyanuric Acid) according to the directions on the label to stabilize the pool.

##### DAILY CHLORINATION

Concentrated Granules should be added daily or as needed at the rate of 1/4 to 1/2 oz. per 1,000 gallons of pool water to maintain a chlorine residual at all times of 1.0 ppm to 1.6 ppm as determined by a suitable test kit. The pH should be maintained between 7.2-7.6.

## SHOCK TREATMENT

A shock treatment should be maintained every week during hot weather or after heavy rains. Less frequent shock treatments may be made during cool weather. For the shock treatment, add 2 oz. of Concentrated Granules per 1,000 gallons of pool water. Swimmers should not be permitted in the pool after the shock treatment until the chlorine residual falls to 3.0 ppm or less. Keep in mind that a slight flexibility must be maintained in the event of heavy accumulations of dust and dirt caused by storms or super heavy bathing loads which require additional dosages as needed to maintain the chlorine residual between 1.0 and 1.5 ppm. Pool should not be entered until the chlorine residual is below 3.0 ppm.

#### WINTER USE

Adjust pH to 7.2-7.6. Introduce this winter shock at the rate of 1 lb. per 7,500 gallons of water. This product rapidly provides the elevated levels of available chlorine necessary for winterizing. Superchlorination disinfects the water and kills bacteria and algae to prevent their multiplication during the winter when the filter is shut off and the pool is covered.

Application should be made using one of the following methods:

**SKIMMER METHOD:** Use this method to avoid bleaching vinyl liner or paint. Empty skimmer of all chemicals and/or debris. Make sure that filter is on and properly recirculating through skimmer. Remove any chemicals that may be in an in-line automatic chemical dispensing device. Pour this product slowly into skimmer, making sure that the material is drawn into the system at the same rate; do not allow this material to accumulate as gases generated may cause an explosion.

**DOSE DIRECTLY INTO POOL:** Broadcast across surface of water. To prevent liner damage, use skimmer method above.

This product is a highly concentrated stabilized disinfectant developed to establish an initial chlorine residual through super chlorination and to maintain proper levels of available chlorine through normal daily maintenance. This product is quick dissolving, easy to dispense and 100% soluble.

#### DIRECTIONS FOR USE IN SPA CARE

When starting up a new spa superchlorinate to satisfy chlorine demand and to establish a chlorine residual of 1.0 ppm to 1.5 ppm available chlorine. Add 1 oz. of this

product per 500 gallons of water. Test with a reliable chlorine test kit. Bathers should not be allowed to enter the spa until the chlorine residual has dropped to 3.0 ppm or less. The next morning add Conditioner and Stabilizer (Cyanuric Acid), according to the directions on the label, to stabilize the spa.

**SHOCK TREATMENT:** A shock treatment should be made every week by adding 1 oz. of this product per 500 gallons of water. Bathers should not be permitted in the spa after the shock treatment until the chlorine residual falls to 3.0 ppm or less. Keep in mind that a slight flexibility must be maintained in the event of super heavy-bathing loads which require additional dosages as needed to maintain the chlorine residual between 1.0 ppm and 1.5 ppm.

**DAILY CHLORINATION:** This product should be added daily or as needed at the rate of 1/8 to 1/4 oz. per 500 gallons of spa water to maintain a chlorine residual at all times of 1.0 ppm to 1.5 ppm as determined by a suitable test kit. The pH should be maintained between 7.2 and 7.6.

**DOSE DIRECTLY INTO SPA:** Proper dosage should be broadcast directly into circulating spa water. Apply dosage directly to spa water. Do not mix in a pail.

#### CONVERTING OUNCES TO TABLESPOONS/TEASPOONS

1 ounce = 3 tablespoons

1 ounce = 9 teaspoons

#### 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

**STORAGE AND DISPOSAL:** Keep product dry in tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. In case of decomposition isolate container, if possible, and flood with large amounts of water to dissolve all material before discarding. Place in trash collection or dispose in approved landfill area.

**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 latter 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.