

7124-22

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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: Nuclo Slow Concentrated Chlorinating Granules
EPA Registration 7124-22
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:

- Delete "and Bacteria" from the marketing claims.
- 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."
- Change "Directions for Daily Use" to "Directions for Use".
- Under Directions for Use, the correct sentence should read: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
- Under Directions for Use 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 as a Contact Algae Killer, delete the marketing claim: In unpainted concrete pools, this product will amaze you with its speedy action.
- Under Directions for Use as a Contact Algae Killer change "Do not use pool until chlorine residual falls 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.

Sincerely,



Wanda Y. Henson
Acting Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7510 P)

Muclo®

CONCENTRATED CHLORINATING GRANULES

NET WT. 2 LBS. (.9 kg)

KEEP OUT OF REACH OF CHILDREN
DANGER
SEE FIRST AID STATEMENT AND OTHER PRECAUTIONS
ON BACK PANEL BEFORE OPENING CONTAINER

ACTIVE INGREDIENT:
Trichloro-s-Triazinetrione* 99.0%
OTHER INGREDIENTS: 1.0%
TOTAL: 100.0%
* Provides 89% Available Chlorine

ACCEPTED
WITH CONDITIONS
IN EPA Label Label

DEC 09 2010

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
registered under FIFRA No. 7124-22

- **Contact Algae Killer & Superchlorinator**
- Controls algae and bacteria in swimming pools**
- 100% soluble • Fast acting - kills algae on floors and walls in hours
- 1 lb. per 15,000 gallons • Controls algae

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 breath 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 product is toxic to fish. 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.

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

nu-clo

- **Excellent for areas of intense sun**
- **For use in pools with a white bottom**
- For daily chlorination of swimming pools**

- 100% soluble • UV stabilized - 24 hour chlorine residual
- 1 ounce per 5,000 gallons daily • Kills algae

This product is the most highly concentrated stabilized cyanuric based disinfectant developed to establish an initial chlorine residual through superchlorination and to maintain proper levels of available chlorine through normal daily maintenance.

This product is easy to dispense and 100% soluble.

DIRECTIONS FOR DAILY USE:

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

INITIAL DOSAGE: When starting up a new pool, superchlorinate to satisfy chlorine demand and to establish an available chlorine residual of 1.0 to 1.5 ppm. Add 1 to 1-1/2 ounces of this product per 1,000 gallons which will provide 6.7-10 ppm available chlorine. Test with a reliable chlorine test kit. The next morning add Conditioner and Stabilizer (cyanuric acid) to stabilize the pool, according to the directions on that label. ~~Bathers should not be allowed to enter the pool until the chlorine residual has dropped to 3 ppm or less.~~

MAINTENANCE DOSE: Add 1/4 to 1/2 ounce per 1,000 gallons per day to maintain a chlorine residual at all times of 1.0 to 1.5 ppm, as determined by a suitable test kit. pH should be maintained in the range of 7.2-7.6.

SHOCK TREATMENT: A shock treatment should be made every week during hot weather or after heavy rains. Less frequent shock treatments may be made during cool weather. Add 1-1/2 ounces per 1,000 gallons. ~~Bathers should not be permitted to enter the pool until chlorine residual has dropped to 3 ppm or less.~~

Note that daily dosages should vary to compensate for heavy accumulations of dust and dirt caused by storms or heavy bather loads. Additional dosages may be required to maintain a chlorine residual of 1.0-1.5 ppm.

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 debris. Make sure that filter is on and that water is 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 dosage across surface of water. To prevent liner damage, use skimmer method above.

DIRECTIONS FOR INDUSTRIAL USE:

This product is used to control the growth of bacteria, algae and fungi in recirculating commercial and industrial water cooling towers. Prior to the use of the product in water, cooling towers, systems should be cleaned to remove algae growth, bacteriological slime, and other deposits.

When starting with fresh cooling tower water, superchlorinate to satisfy chlorine demand and to establish a chlorine residual of 1.0 ppm to 1.5 ppm available chlorine. Add 1-1/2 oz. of these granules per 1,000 gallons which will provide 6.7-10 ppm available chlorine. Test with a reliable chlorine test kit. The next morning add cyanuric acid, according to directions on the label, to stabilize the water.

These granules should be added daily or as needed at the rate of 1/4 to 1/2 oz. per 1,000 gallons of water to maintain a chlorine residual at all times of 1.5 ppm to 3.0 ppm as determined by a suitable test kit. The pH should be maintained between 7.2 and 7.6. Proper dosage should be broadcast over surface of water. Apply dosage directly to cooling tower water. Do not mix in a pail. A shock treatment should be made every week during hot weather or after heavy rains. Less frequent shock treatments may be made during cool weather. For the shock treatment, add 1-1/2 oz. of these granules per 1,000 gallons of water, which will provide 10 ppm available chlorine. Keep in mind that a slight flexibility must be maintained in the event of heavy accumulations of dust and dirt caused by storms or heavy use which require additional dosages as needed to maintain the chlorine residual between 1.0 ppm and 1.5 ppm.

DIRECTIONS FOR USE AS A CONTACT ALGAE KILLER:

THIS PRODUCT WILL BLEACH VINYL OR PAINT: ~~In unpainted concrete pools, this product will amaze you with its speedy action.~~ Shut off filter pump and allow water to settle down. Do not reactivate pump for 6 hours. Sprinkle product along the walls where algae appears and over the surface where algae is seen on pool bottom. It will settle through the water and kill the algae in a matter of hours. Use 1 lb. per 15,000 gallons of water. Sprinkle lightly on scattered patches of algae. Do not use pool until chlorine residual falls below 3 ppm. Test pool water frequently with a reliable chlorine test kit.

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 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.

E.P.A. REG. NO. 7124-22 E.P.A. EST. NO. 7124-NJ-1

ACCEPTED
with COMMENTS
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