



**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 Shock  
EPA Registration 7124-15  
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 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 the First Aid statements place the treatment for If In Eyes at the top.
- Under Directions for Use change delete "Bathers should not be allowed to enter the pool until chlorine residual falls to 2 ppm or less".
- 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 requests to update the Storage and Disposal instructions is approved.

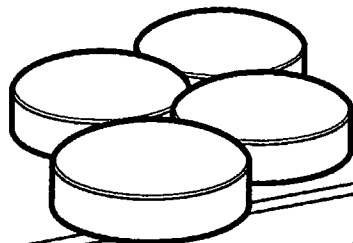
A stamped copy of the labeling accepted with conditions is enclosed. Submit one copy of your final printed labeling before distributing or selling the product bearing the revised labeling. If you have any questions, please contact Tom Luminello by telephone, (703) 308-8075, or by e-mail at [luminello.tom@epa.gov](mailto:luminello.tom@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Wanda Y. Henson", with a stylized flourish at the end.

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

**nucleo®**



**7 oz. 7 Day Slow Dissolving Chlorinating  
Tablets**

ACTIVE INGREDIENT:  
Trichloro-s-Triazinetrione\* ..... 99.0%  
OTHER INGREDIENTS: ..... 1.0%  
TOTAL: ..... 100.0%

\* Provides 89% Available Chlorine

KEEP OUT OF REACH OF CHILDREN

**DANGER**

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

NET WEIGHT 13.125 LBS. (5.9 kg)

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

DEC 13 2010

Under the Federal Insecticide

7124-70

3/4

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive: Causes irreversible eye damage. Causes burns. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Wear goggles, face shield or safety glasses. Wear protective clothing and rubber gloves. 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 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. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. 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.

The purpose of this product is to provide a shock treatment to pools that are unacceptable for use due to the presence of algae or discolored water because of neglect, or the presence of minerals such as iron or manganese. 2 lbs. of this product will impart 11 ppm of chlorine to 15,000 gallons of water which should correct the cause of trouble. A second treatment may be necessary if pool does not respond to initial dose.

1. Remove as much as possible, any floating, suspended, and/or sunken matter that may be present by use of a hand skimmer, net, or vacuuming to waste.

2. Adjust pool water pH to 7.2-7.6.

3. Introduce this product at the rate of 1 lb. per 7,500 gallons of water. Reentry into treated swimming pools is prohibited above levels of 3 ppm of chlorine.

Application should be made using the following method:

**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 that water is properly recirculating through skimmer. Remove any chemicals that may be in an in-line automatic chemical dispensing device. Pour 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.

Allow filter to run continuously being careful to empty strainer basket in front of pump if suction is impeded. Also, there may be a tendency for the filter to clog due to the accumulation of dead algae. Backwash filter if this occurs. Repeat dosage on the second day if necessary. If

there is no improvement on the third day consult your dealer or the manufacturer of this product for further advice. Do not resume regular chlorine dosages until chlorine residual falls to between 1 and 3 ppm. ~~Bathers should not be allowed to enter the pool until chlorine residual falls to 2 ppm or less.~~

**NOTE ON POOLS TREATED FOR ALGAE:** If this product is used to shock or superchlorinate an algae infested pool, after treatment it is important to brush the walls and floor to expose algae that may be in cracks or wrinkles that might protect algae from high chlorine residuals. Such protected algae will begin to reproduce again when high chlorine residual falls.

### 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 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 <sup>3/4</sup> 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.

E.P.A. REG. NO. 7124-15  
E.P.A. EST. NO. 7124-N.J.-1

REGISTERED  
with CD-111-1111  
in NJ & LA. 1111-1111

DEC 09 2010

**nu-clo®**

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