



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

July 3, 2008

Mark Visconti  
**Alden Leeds, Inc.**  
55 Jacobus Ave.  
South Kearny, N.J. 07032

Subject: Nu Clo Vinyl Pool Shock  
EPA Registration Number 7124-84  
Application Date: June 26, 2008

Dear Mr. Visconti:

The Agency has reviewed your label amendment submitted in accordance with continuing registration under the Federal Insecticide Fungicide and Rodenticide Act (FIFRA), as amended, and determined the action to be acceptable. In summary, you have updated the First Aid statement in accordance with Pesticide Registration Notice 2001-1.

Should you have any questions or comments concerning this letter, please contact Tom Luminello at (703) 308-8075.

Sincerely,



Emily H. Mitchell  
Product Manager 32  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

for Sparkling Pools

**muclo**

# Vinyl Pool Shock

**Will not discolor  
vinyl or paint**

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

NET WT. 4 LBS. (1.8 kg)

ACCEPTED

JUL - 3 2008

Under the Federal Insecticide, Fungicide, and  
Rodenticide Act as amended, for the  
pesticide, registered under  
EPA Reg. No. 7124-84

**ACTIVE INGREDIENT:**

Lithium Hypochlorite\*..... 29.0%

**OTHER INGREDIENTS:** ..... 71.0%

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

\* Provides 35% Available Chlorine

- ✓ 100% Soluble
- ✓ Disinfects, kills algae and bacteria
- ✓ Low chlorine odor
- ✓ Will not bleach vinyl or paint
- ✓ Fast dissolving • 2.7 oz. per 5,000 gallons daily

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER:** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Avoid breathing dust. Wear goggles or safety glasses, protective clothing and rubber gloves when handling. Wash hands 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 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 to 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.

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.

To start your pool:

1. Backwash filter.

2. Utilizing your pool test kit adjust pH of pool water to 7.2-7.6. Add soda ash or sodium bicarbonate to correct an acid condition (less than 7.2). Add sodium bisulfate if the pH is greater than 7.6. Maintain pH range of 7.2-7.6 for a minimum of six hours before the addition of this product and during the entire season.

3. Use two cups of this product per 5000 gallons of water. After the proper pH range (7.2-7.6) and chlorine residuals (1.0-1.5) ppm have been established, it is beneficial to add a chlorine stabilizer (cyanuric acid) to the pool to prevent extreme fluctuations in the chlorine level. Cyanuric acid is available at most pool dealers and should be added in accordance with the instructions on the package for maximum stabilization of the pool water.

**HOW TO MAINTAIN THE PROPER CHLORINE RESIDUAL**

The chlorine residual should be maintained between 1.0 and 1.5 ppm available chlorine as determined by the chlorine test kit. Under normal conditions this residual can be maintained by the daily addition of about 1/3 cup (2.7 ounces) of this product for each 5,000 gallons of pool water - if the pool water is properly stabilized with 30-50 ppm of cyanuric acid pool stabilizer. Severe conditions such as high temperature or continued use by many people will require higher daily dosage whereas smaller dosages may suffice in spring and fall or when the pool is not being subjected to normal bathing loads. The pool water should be superchlorinated about once each week. Five times the normal daily addition, or a minimum of one cup (eight ounces) per 5,000 gallons of pool water should be added in the evening when the pool will not be used for a minimum of 12 hours. Test the chlorine residual and if above 2.0 ppm do not allow swimming until residual has decreased.

**FOR USE AS A SHOCK TREATMENT**

**TO AVOID POSSIBLE BLEACHING OR DISCOLORATION OF VINYL LINERS ADD ALL CHEMICALS THROUGH SKIMMER. NEVER TWO AT ONCE AS A VIOLENT REACTION MAY OCCUR.**

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. Start filter and add this product at the rate of 1 lb. (16 oz.) per 7,500 gallons of pool water. Dose by feeding this product through the skimmer. 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 residual reads between 2 and 3 ppm.

**BATHERS SHOULD NOT BE ALLOWED TO ENTER THE POOL UNTIL THE CHLORINE RESIDUAL DROPS TO 3 PPM OR LESS.**

**DIRECTIONS FOR USE IN SPA WATER CARE.**

Effective use of all spa sanitizers depends on maintaining proper water balance. The following ranges are highly recommended.

pH 7.4-7.8

Total Alkalinity 125-150 ppm

Calcium Hardness 200-300 ppm

Cyanuric Acid (Indoors 10 ppm; Outdoors 80 ppm)

**DOSAGE**

Use one quarter ounce of this product per 250 gallons of water as an initial treatment. Repeat the procedure until a residual of

2.0-3.0 ppm is established. Frequent testing to determine additional doses needed to maintain the proper residual is highly recommended. Use a reliable test kit with fresh solutions for pH and chlorine testing. If a need for superchlorination arises, use one-half ounce of this product per 250 gallons of water. Bathers should not enter the spa until the available chlorine falls to 3.0 ppm.

Before using the spa, shower in order to avoid adding soap, lotions, or oils from the body into the water. Do not add food or beverages to the water. Avoid overloading the spa. If the spa is used daily, it should be drained and fresh filled about once a month.

**DIRECTIONS FOR SHOCKING YOUR SPA**

This product is compatible with all spa sanitizers, but always add spa chemicals separately. Use a reliable test kit with fresh solutions for pH and chlorine testing. Add this product daily when the water appears dingy or hazy from bather contamination. Turn off the air blower and circulation system. Sprinkle this product into water at the rate of one ounce per 250 gallons. This product will dissolve completely within seconds and liberate 10 ppm available chlorine. Allow the ensuing reaction to proceed 10-15 minutes before covering the spa. Turn on the circulation system. Bathers should not re-enter the spa until the available chlorine residual falls to 3.0 ppm. Before using the spa, shower in order to avoid adding soap, lotions, or oils from the body into the water. Do not add food or beverages to the water. Avoid overloading the spa.

This product should not be used more than once a day. If the spa is used daily, it should be drained and fresh-filled about once a month.

**POOL GALLON CALCULATION (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 in open area if possible and flood with large amounts of water. Do not reuse empty container. Rinse empty container thoroughly with water to dissolve all material before discarding. Place in trash collection or dispose in approved landfill area.

09/09

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

E.P.A. REG. NO. 7124-84  
E.P.A. EST. NO. 7124-NJ-1