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# VINYL POOL SHOCK

Will Not Bleach Vinyl or Paint

# nu-clo

DESIGNED TO BE USED IN POOLS AS A PERIODIC SHOCK  
TREATMENT IN REGULAR MAINTENANCE AND IN:

**ACTIVE INGREDIENT:**

Lithium Hypochlorite\* 29.0%

**OTHER INGREDIENTS:** 71.0%

\* Provides 35% Available Chlorine

**NET WT. 15 LBS. (6.75 kg)**

✓ Pools with visible algae on floor and sides

✓ Pools with green water due to algae

✓ Pools freshly filled that are green

or brown due to mineral impurities

✓ Pools starting up using water

from previous season

✓ Pools with cloudy water

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

**POISON**

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

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER:** Fatal if inhaled. Corrosive. Causes irreversible eye damage or skin burns. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Do not breathe dust. Wear goggles or face shield. For handling activities, use dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C). Wear protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

**STATEMENT OF PRACTICAL TREATMENT:** If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting. If on skin: Wash with plenty of soap and water. Get medical attention. If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention. If in eyes: Hold eyelids open and flush with steady, gentle stream of water for 15 minutes. Get medical attention.

**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 gases 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 reaction.

Do not add water to this product.

Do not add this product to water in a pool.

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 5,000 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 doses 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 maximum 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)

**DOSSAGE**

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 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 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.

E.P.A. REG. NO. 7124-84

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

**nu-clo**

Manufactured by: **ALDEN LEEDS, INC.**  
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