

FOR SPARKLING POOLS

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ACCEPTED

JUN 29 1980

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 7134-84

VINYL POOL SHOCK

ACTIVE INGREDIENT: Lithium Hypochlorite 29.6%
INERT INGREDIENT: 70.4%
*Provides 3.8% Available Chlorine

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

NET WEIGHT 2 LBS

DIRECTIONS FOR USE

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

1. To start your pool
2. Backwash filter
3. After 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 borate 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.
4. Use two cups of this product per 5,000 gallons water. After the proper pH range (7.2-7.6) and chlorine residuals (1.0-1.5) 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 super-chlorinated about once each week. Five times the normal daily addition, or a minimum of one cup (2.7 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 in waste.
2. Adjust pool water pH to 7.2 to 7.6.
3. Start filter and add this product at the rate of 1 lb. (16 oz.) per 5,000 gallons of pool water. Dose by reading this product through the skimmer. Allow filter to run continuously, being careful to empty skimmer basket in front of pump if suction is needed. 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 1 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 (stabilizer) 0 ppm (Indoor) 30 ppm (Outdoor)

DOSEAGE

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. Bathing 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, lotion, 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 bathing 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 shocking reaction to proceed 10-15 minutes before covering the spa. Turn on the circulation system. Bathing 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, lotion, 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.

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.

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER: Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Irritating to nose and throat. Avoid breathing dust. Remove and wash contaminated clothing before reuse.

PRACTICAL TREATMENT: (First Aid): If swallowed, promptly drink large quantity of water. Do not induce vomiting. Call a physician immediately. If on skin, brush off excess chemical and flush skin with cold water for at least 15 minutes. If irritation persists get medical attention. If in eyes, flush with cold water for at least 15 minutes. Get medical attention.

ENVIRONMENTAL HAZARDS: This product is toxic to fish. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with an NPDES permit. For guidance contact the Regional Office of EPA.

PHYSICAL AND CHEMICAL HAZARDS: STRONG OXIDIZING AGENT. Mix only with water. Use clean dry utensils. Do not add this product to any dissolving 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 chemical 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.

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

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