

42052-20001

10/26/2000

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BUCKMAN'S LIQUID SHOCK

SODIUM HYPOCHLORITE SOLUTION

Use 1 Gallon Per 12,000 Gallons of Pool Water

ACTIVE INGREDIENT:

Sodium Hypochlorite 12.5%

OTHER INGREDIENTS 87.5%

Total 100.0%

Keep Out of Reach of Children

DANGER

First Aid

If in Eyes	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-451-8346 (Group Code 5942) for emergency medical treatment information.</p>	

See additional precautions on side panel.

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NET CONTENTS: _____ (____ LITERS)

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Ship And Store This Container In An Upright Position At All Times
Check The Container Carefully Before Placing In Your Car

Vented cap may leak causing bleaching and damage.

[This is a Reusable Container and it May Leak. Buckman's is Not Responsible for Damage.]

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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER: Corrosive; may cause severe skin and eye irritation or chemical burns to broken skin. Causes eye damage. Wear safety glasses or goggles and rubber gloves when handling this product. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated.

Environmental Hazards

{For product packaged in containers less than 5 gallons:}

This product is toxic to fish and aquatic organisms.

{For product packaged in containers 5 gallons or greater:}

This product 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 or Chemical Hazards

STRONG OXIDIZING AGENT: Mix only with water according to label directions. Mixing this product with chemicals (e.g. ammonia, acids, detergents, etc.) or organic matter (e.g. urine, feces, etc.) will release chlorine gas which is irritating to eyes, lungs and mucous membranes.

DIRECTIONS FOR USE

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

Note: This product degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine.

Storage and Disposal

Store this product in a cool dry area, away from direct sunlight and heat to avoid deterioration. In case of spill, flood areas with large quantities of water. Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer. [Do not reuse container but place in trash collection.] [This is a reusable container. Triple rinse and return to retail outlet.] Do not contaminate food or feed by storage, disposal or cleaning of equipment.

Swimming Pool Water Disinfection

For a new pool or spring start up, superchlorinate with 52 to 104 oz. of product for each 10,000 gallons of water to yield a 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Adjust and maintain pool water pH to between 7.2 to 7.6. Adjust and maintain the alkalinity of the pool to between 50 to 100 ppm.

To maintain the pool, add manually or by a feeder device, 11 oz. of this product for each 10,000 gallons of water to yield an available chlorine residual between 0.6 to 1.0 ppm by weight. Stabilized pools should maintain a residual of 1.0 to 1.5 ppm available chlorine. Test the pH, available chlorine residual and alkalinity of the water frequently with appropriate test kits.

Frequency of water treatment will depend upon temperature and number of swimmers. Every 7 days, or as necessary, superchlorinate the pool with 52 to 104 oz. of product for each 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Do not reenter pool until the chlorine residual is between 1.0 to 3.0 ppm. At the end of the swimming pool season or when water is to be drained from the pool, chlorine must be allowed to dissipate from treated pool water before discharge. Do not chlorinate the pool within 24 hours prior to discharge.

Winterizing Pools

While water is still clear and clean, apply 3 oz. of product per 1,000 gallons, while filter is running, to obtain a 3 ppm available chlorine residual, as determined by a suitable test kit. Cover pool, prepare heater, filter and heater components for winter by following manufacturers' instructions.

Spas/Hot Tubs

Apply 5 oz. of product per 1,000 gallons of water to obtain a free available chlorine concentration of 5 ppm as determined by a suitable chlorine test kit. Adjust and maintain pool water pH to between 7.2 and 7.8. Some oils, lotions, fragrances, cleaners, etc. may cause foaming or cloudy water as well as reduce the efficiency of the product. To maintain the water, apply 5 oz. of product per

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1,000 gallons of water over the surface to maintain a chlorine concentration of 5 ppm. After each use, shock treat with 8 oz. of this product per 500 gallons of water to control odor and algae. During extended periods of disuse, add 3 oz. of product daily per 1,000 gallons of water to maintain a 3 ppm chlorine concentration.

Manufactured by [for]:
BUCKMAN'S, INC.
P.O. Box 159
Perkiomenville, PA 18074

EPA Reg. No. 42052-20001

EPA Est. _____

Corrosive
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UN 1791
Hypochlorite Solution

[Denotes alternate language.]

{Denotes language not appearing on market labeling.}

{Note: The First Aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.}

