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JUL 22 1993

Dr. N. Bhushan Mandava, Agent
North American Marketing Corporation
C/O Science Regulatory Services International
1625 K Street, N. W.
Washington, DC 20006-1604

Dear Dr. Mandava:

Subject: Blue Shield Shock Treatment
EPA Registration No. 21268-10
Your Amendment Dated February 19, 1993

This is in response to your amendment to reflect product name change from "Utikem Liquid Pool Shock" to "Blue Shield Shock Treatment" and add an additional source of supply for the subject product.

The proposed alternate source of supply for the active ingredient is acceptable.

The Confidential Statement of Formula dated February 5, 1993 agrees with the label and is acceptable.

The labeling referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended is acceptable subject to the following comments.

1. Revise the ingestion statement to read:

"If Swallowed, drink large amounts of water. Do not induce vomiting. Call a physician or poison control center immediately."

2. Revise the Environmental Hazards to read:

"This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA."

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

A stamped copy is enclosed for your records.

The proposed product name change is acceptable. It has been made a part of our records for this file.

According to our records, no eight month response to the Sodium/Calcium Hypochlorite Reregistration Eligibility Document (RED) has been received for this product. You should have received a Notice of Intent to Suspend the Registration of this product by now. It should be noted that the acceptance of the subject amendment does not negate the suspension of this registration.

If you have any questions about these comments, please call Marianne Clark at (703) 305-7879.

Sincerely yours,



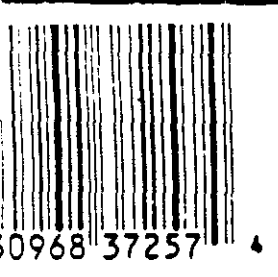
Ruth Douglas
Product Manager (32)
Antimicrobial Program Branch
Registration Division (H7505C)

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Need Help?
See your
Blue Shield Dealer
for Professional
Water Analysis

MUST BE
STORED IN
UPRIGHT
POSITION!



Shock Treatment

"FOR SWIMMING POOL CHLORINATION AND SANITIZING"

ACTIVE INGREDIENT: Sodium Hypochlorite	12.5%
INERT INGREDIENTS	87.5%
TOTAL 100%	

DANGER: KEEP OUT OF REACH OF CHILDREN
STATEMENT OF PRACTICAL TREATMENT (FIRST AID)

IF CONTACT WITH EYES OCCURS, flush with water for at least 15 minutes. Get prompt medical attention.
IF CONTACT WITH SKIN OCCURS, wash with plenty of soap and water.
IF SWALLOWED, drink large quantities of milk or gelatin solution, if these are not available, drink large quantities of water. **DO NOT** give vinegar or other acids.
DO NOT induce vomiting. Get prompt medical attention. (See additional precautions on side panel.)

NET CONTENTS: ONE GALLON

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ACCEP
with COM
in EPA Lett

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

DANGER: Corrosive, may cause severe skin irritation or chemical burns to broken skin. Causes eye damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield 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 odors have dissipated.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Keep out of lakes, streams or ponds. Treated effluent may not be discharged into lakes, streams, ponds or public waters without a valid discharge permit. For guidance, contact the regional office of the Environmental Protection Agency.

PHYSICAL AND CHEMICAL HAZARDS: STRONG

OXIDIZING AGENT: Mix only with water according to label directions. Mixing this product with gross filth such as feces, urine, etc., or with ammonia, acids, detergents or other chemicals may release hazardous gases irritating to eyes, lungs and mucous membranes.

FIRST AID: If on skin, wash with plenty of soap and water. If in eyes, flush with water for at least 15 minutes. Get medical attention. If swallowed, drink large quantities of milk, or gelatin solution or, if these are not available, drink large quantities of water. Do NOT give vinegar or other acids. Do NOT induce vomiting. Get prompt medical attention.

STORAGE AND DISPOSAL: Store in a cool, dry area away from direct sunlight. In case of spill, flood area with large quantities of water. Rinse empty container thoroughly with water and either return to manufacturer or discard by placing in trash collection or burying in an approved landfill. Product or rinsate that cannot be used, should be diluted with water and disposed of in a sanitary sewer. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

EPA REG. NO. 62483-1-21268-
21268-10

EPA EST. NO. 21268-CT-01

DIRECTIONS FOR USE

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

**DIRECTIONS FOR POOL USE
To Establish a Chlorine Residual**

Add 1/2 gallon for each 10,000 gallons of water. Repeat dosage until a chlorine residual of 0.5 to 1.0 ppm is obtained.

The pool water should be maintained at PH 7.2 to 7.6 as determined by a test kit.

Daily Chlorination

Add 32 oz. for each 10,000 gallons of pool water daily or as needed to maintain 0.5 to 1.0 ppm chlorine residual at all times in unstabilized pools. In pools that have been stabilized with cyanuric acid, a chlorine residual of 1.0 to 1.5 ppm should be maintained at all times.

The quantity of daily addition will vary with temperature, sunlight, bathing load, and other factors. Test pool water frequently with a chlorine test kit to maintain the desired chlorine residual. Bathers should not be allowed in the pool when the residual chlorine is above 2.0 ppm.

Super Chlorination

Purposes: For effective algae control, a regular program of superchlorinating at least once a week, preferably at night while pool is not in use should be maintained.

Directions: Add 1 gallon for each 20,000 gallons of pool water directly to the pool water.

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

HYPOCHLORITE UN1791

CAUTION: DO NOT MIX WITH OTHER CHEMICALS

Mfg. for
NORTH AMERICAN MARKETING CORP.
MANCHESTER, CT 06040

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 22 1993

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21268-10