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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PM32 21268-9

AUG 02 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 Liquid-Chlor EPA Registration No. 21268-9 Your Amendment Dated February 19, 1993

This is in response to your amendment to reflect product name change from "Utikem Liquid Chlorinating Agent" to "Blue Shield Liquid-Chlor 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 proposed product name change is acceptable. It has been made a part of our records for this file.

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 poision control center immediately."

2. Revise the Environmental Hazards to read:

"To protect aquatic life, products with uses that result in discharge into the aqutic environment must include a statement on the label indicating that the product is toxic to fish and aquatic organisms. They also must bear a statement prohibiting discharge of effluent containing the product into bodies of water, without an National Pollutant Discharge Elimination System (NPDES) permit."

CONCURRENCES								
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3. Delete "General Classification" from beneath the Directions for "Use heading.

A stamped copy is enclosed for your records.

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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 this 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)



Inert Ingredients

87.5%

100%

Total

KEEP OUT OF REACH OF CHILDREN DANGER

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.

See additional precautions on side panel.



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DIRECTIONS FOR USE GENERAL CLASSIFICATION

It is a violation of federal law to use this product in a mariner inconsistant 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 0.6 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 0.6 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 galion 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.

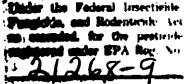
CAUTION: DJ NOT MIX WITH OTHER CHEMICALS



21268-9 EPA REG. NO. 80400-1-0 EPA EST. NO. 21268-CT-01

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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 the 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 cut of lakes, streams or ponds. Treated effluent may not be cischarged 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.

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 emp¹/v 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 equipment.

FOR BULK SHIPMENT to: repeatinging or reformulating use as a DISINFECTANT OR ALGAECIDE. Repackagers or reformulators must obtain their own registrations to legitly market their product for these uses.

FOR USE IN BULK STORAGE SITES as a Disinfectant or Algaecide in the treatment of municipal water supplies, sewage and waste processing operations, in Industrial or Commercial Dwimming Pools, and as a Stimicide in Commercial or Industrial Recirculating Cooling Waters, by experienced or trained personnel. Such bulk storage containing must not be feit unlabeled or accessible to the general public. This product degrades with age, use a chlorine test kit and increase disage, as necessary to obtain the required level of available chlorine.