

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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 poison control center immediately."

- 2. Revise the Environmental Hazards to read:

"To protect aquatic life, products with uses that result in discharge into the aquatic 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

SYMBOL								
SURNAME								
DATE								

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

A stamped copy is enclosed for your records.

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)



# LIQUID-CHLO

FOR REGULAR WEEKLY SUPER-CHLORINATION

Active Ingredient	
Sodium Hypochlorite	12.5%
Inert Ingredients	87.5%
Total	100%

**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.

**5 U.S. GALLONS**

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

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ste processing opera-  
tional personnel. Such  
I increase dosage, as

4046



22691  
\$4.99

.OR

## DIRECTIONS FOR USE GENERAL CLASSIFICATION

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 0.6 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 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.

**CAUTION: DO NOT MIX WITH OTHER CHEMICALS**

**BEST AVAILABLE COPY**



ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
AUG 02 1993

21268-9  
EPA REG. NO. 82409-1-01268  
EPA EST. NO. 21268-CT-01

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 21268-9

Soft

**DO NOT PUNCTURE JUG OR CAP  
NON-RETURNABLE IF MUTILATED**



**CORROSIVE**

**UN1791**

**8**

**FOR BULK SHIPMENT** for repackag  
registrations to legally market their product for th

**FOR USE IN BULK STORAGE S**  
tions, in Industrial or Commercial Swimming Pool  
bulk storage containers must not be left unlabeled  
necessary to obtain the required level of availabl

**BEST AVAILABLE COPY**

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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 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.

**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 equipment.

**BEST AVAILABLE COPY**

**FOR BULK SHIPMENT** for repackaging or reformulating use as a **DISINFECTANT OR ALGAEICIDE**. Repackagers or reformulators must obtain their own registrations to legally market this 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 Swimming Pools, and as a Silticide in Commercial or Industrial Recirculating Cooling Waters, by experienced or trained personnel. Such bulk storage containers must not be left unlabeled or accessible to the general public. This product degrades with age, use a chlorine test kit and increase dosage, as necessary to obtain the required level of available chlorine.