

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

NOV 25 1997

Allchem Industries, Inc.
4001 Newberry Road, Suite E-3
Gainesville, FL 32607

Attention: Edward W. Lyle
Authorized Agent

Subject: Clor Mor Chlorinated Tablets, 3"
EPA Registration No. 69681-5
Your Amendment dated October 26, 1997

This is in response to your amendment for a revised "Storage and Disposal" statement and to reflect a product name change from "Clor Mor Chlorinated Tablets, 3" to "Chlorinating 3" Tablets".

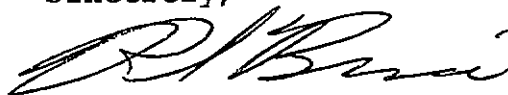
The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

A stamped copy is enclosed for your records. Submit one copy of the final printed label before you release the product for shipment bearing the amended label.

The proposed product name change has been made a part of our record.

If you have any questions concerning this letter, please contact Wanda Mitchell of my staff on (703) 308-6345.

Sincerely,



Robert S. Brennis
Acting Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7504C)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

Reviewer ID

2/3
W. Mitchell

Submission No.

5533346

Data Package No.

CODING FORM FOR APPLICATIONS FOR REGISTRATION/AMENDMENTS

File Symbol/Reg. No. 69681-5 PM 32 Action Code 302

[10] Descriptor (Amend/Resubmissions only) Label amendment to upgrade old test

[5] Intrastate Call-in (Y) Yes (N) No [15] Child-resistant Packaging (C) Certification (S) Service Person

[20] Registration Type: (1) Conditional (2) Unconditional (R) Non-residential Use Only (N) Not-Applicable

[25] Proposed Classification: (R) Restricted (G) General [30] Final Classification: (R) Restricted (N) Not Classified

[35] Date on Application: 10/20/97 [04] EPA Received Date: 11/07/97 [40] Date Received by PM: 11/13/97

[80] Method of Support: (1) Cite-All (4) Not Applicable (5) Not Submitted (6) Owner Submission (7) Total Submission (8) Selective Method

Reviewers Requested:	DATE SENT	DUE DATE	DATE RETURNED	RESPONSE CODE	RESPONSE DATE
CH					
EF					
PL					
DEB					
NDEB					
TB					
EEB					
EFGB					

[115] FINAL Response ACTION Code 17

[120] Response 11/25/97

75-DAY RESPONSE DUE DATE: (Y) Yes (N) No

PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER

CORROSIVE: Causes irreversible eye and skin burns. May be fatal if absorbed through skin. May be fatal if inhaled. Do not breathe dust or spray mists. Irritating to nose and throat. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield, protective clothing and rubber gloves when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS: This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public 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 sewage treatment plant authority. For guidance contact the Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS: Strong oxidizing agent. Mix only with water. Use only a clean, dry vessel made of metal or plastic each time material is taken from the container. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause violent reaction leading to fire or explosion. In the event of contamination or decomposition do not reuse container. If possible, isolate container in open air or well ventilated area. Flood with large volumes of water if necessary.

DIRECTIONS FOR USE: IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

SWIMMING POOL APPLICATIONS

This product, when used as directed, is effective as a bactericide, fungicide, and algacidal control agent in swimming pools. This product is effective against a broad range of algal organisms and pathogenic organisms. Dispense the tablets in a floating or stationary feeding device or in pool skimmer.

1. For new pool startup, first stabilize pool water with recommended amount of cyanuric acid according to directions on product label. Balance pool water to recommended ranges of total alkalinity and calcium hardness according to directions on product label.
2. INITIAL TREATMENT - Chlorinate pool with 23 ounces of Chlorinating Granules (dichlor 62 X) per 10,000 gallons to obtain a chlorine residual of 1.0 to 2.0 ppm.
3. Adjust and maintain pH in range of 7.2 to 7.8.
4. MAINTENANCE TREATMENT: Routinely use one Chlorinating 3" Tablet for daily chlorination. Add extra tablets if needed to maintain level of free chlorine in range of 1.0 to 3.0 ppm as determined by a suitable test kit. Chlorine demand will vary with weather and degree of pool use.
5. For pools containing visible algae, add one to two tablets to the skimmer for each 10,000 gallons of water.
6. After superchlorinating (shocking the pool with granular chlorine) or treating for algae with elevated chlorine levels, allow the free available chlorine level to drop below 3.0 ppm before swimming is permitted.

RE-ENTRY INTO TREATED SWIMMING POOLS IS PROHIBITED ABOVE LEVELS OF 3 PPM OF CHLORINE.

RECIRCULATING COOLING TOWER APPLICATIONS

When used as directed, this product is effective as a cooling tower algacide, slimeicide, and bactericide. Severely loaded towers should be cleaned prior to treatment for best and most rapid results. Lightly loaded systems may be treated without pre-cleaning. Chlorination requirements vary with percent of flow tower is in use, type of tower, air and water temperatures, and contamination in and entering into the water. For these reasons, precise directions cannot be given. The operator will require some experience with treating the tower to establish the optimum treatment schedule and the amount of Chlorinating 3" Tablets required.

APPLICATION METHODS: Chlorinating 3" Tablets may be applied to a tower by use of a suitable erosion chlorinator with adjustable flow control or by suspending a dissolving basket in the sump. Chlorination levels are controlled by changing the rate of water flow through the erosion chlorinator or by increasing or decreasing the number of Chlorinating 3" Tablets placed in the dissolving basket. During periods when no chlorine is required, the water flow through the erosion chlorinator is stopped. The dissolving basket is simply removed and suspended above the water in the sump. Use a DPD free chlorine test kit to measure available chlorine concentrations in the water. **INITIAL TREATMENT:** Place in the chlorinator, dissolving basket or sump, one Chlorinating 3" Tablet for every 8,000 gallons of water in the system. Tablets should be placed in an area of continuous water flow. Open the flow control on erosion chlorinator to maintain level of 1.0 ppm chlorine residual is obtained. Adjust flow or add tablets to maintain chlorine level to 2 ppm until balance is maintained. **CONTINUOUS TREATMENT:** Adjust flow through erosion chlorinator to maintain available chlorine reading at 0.5 to 1.0 ppm or keep the proper number of tablets in the dissolving basket or sump to maintain a 0.5 to 1.0 ppm available chlorine reading. **INTERMITTENT TREATMENT:** Using an erosion chlorinator one to three times a day, establish a 1.0 ppm available chlorine reading in the recirculating water and maintain that level of available chlorine for one hour. Optimum performance with this product will be obtained if the recirculating water pH is maintained between 7.4 and 7.8 during the treatment.

MULTI-PURPOSE



CHLORINATING 3" TABLETS

KEEP OUT OF REACH OF CHILDREN

DANGER

See additional precautionary information on side panels.

ACTIVE INGREDIENT:

Trichloro-s-triazinetriene: 99%

INERT INGREDIENTS: 1%

AVAILABLE CHLORINE 89%

STATEMENT OF PRACTICAL TREATMENT (FIRST AID): IF IN EYES: Hold eyelids open and

flush with a steady gentle stream of water for 15 minutes. Get medical attention. IF SWALLOWED: Remove victim to fresh air. If not breathing, give artificial respiration preferably mouth-to-mouth. Get medical attention. IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists. IF SWALLOWED: Drink plenty of water. Do not induce vomiting. Avoid alcohol. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately. NOTE TO PHYSICIAN: Probably minimal damage may result from the use of granular dosage.

EPA REG. NO. 69681-5

EPA EST. NO 69681-TX-001
EPA EST. NO 67088-TX-001

NET WEIGHT: 25 LBS (11.36 kg)

DIRECTIONS FOR USE (cont.):

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

DECORATIVE FOUNTAINS, WATER BASINS, LAGOONS, AND OTHER DECORATIVE WATER SYSTEMS

Treatment as recommended is effective as a slimeicide, algacide, bactericide. **INITIAL DOSE:** When system is noticeably fouled, add Chlorinating 3" Tablets at the rate of 0.5 to 1.0 pound per 1,000 gallons of water in the system (one to two tablets). Repeat until control is achieved. **SUBSEQUENT USE:** When microbial control is evident, add Chlorinating 3" Tablets daily at the rate of 0.5 pounds (one tablet) per 1,000 gallons of water in the system. Follow by adding every three days or as needed to maintain control. Refer to and read product label and Material Safety Data Sheet before using this product.

WASTEWATER TREATMENT

DISINFECTION OF EFFLUENTS: Disinfection by chlorination or hypochlorination does not occur instantaneously. A suitable detention basin must be provided to expose the effluent to the effects of its Chlorinating 3" Tablets for a sufficient period of time (usually a minimum of 15 minutes). Where mechanical stirring or other agitation is not present, chlorination for disinfection should be introduced before primary or secondary sedimentation treatments, if these are used. The amount of Chlorinating 3" Tablets required will vary depending on the concentration and condition of the final effluent. Disinfection should be controlled by frequent testing to maintain a chlorine residual of 0.6 to 1.0 ppm after 15 minutes of contact time.

In cases where sewage is to be temporarily disinfectant before being effluent to a body of water, the following conditions will usually provide satisfactory protection against pollution of receiving waters: (1) Raw sewage, 10-30 ppm available chlorine. (2) Primary treated sewage, 5-20 ppm available chlorine. (3) Sewage which has undergone primary and secondary treatment, 2-5 ppm available chlorine. Bacteriological tests should be made frequently as a safeguard. The available chlorine level in the discharge effluent should be between 0.6-1.0 ppm or in accordance with a NPDES permit. For guidance, contact the regional office of the Environmental Protection Agency.

To provide an available chlorine concentration of 8 ppm will require approximately 8 ounces or one Chlorinating 3" Tablet for each 10,000 gallons of water treated. In practice, the number of Chlorinating 3" Tablets used should be adjusted to satisfy the chlorine demand and to maintain a proper chlorine residual. Measurement of the total available chlorine (combined chlorine plus free chlorine) in the water treated with Chlorinating 3" Tablets is best accomplished by employing the iodometric titration method (described in Standard Methods for the Examination of Water and Wastewater, Sixteenth Edition, 1985, American Public Health Association, Inc. pp 298-303).

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage and disposal. **STORAGE:** Keep this product dry in a 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 (if possible) and flood area with large amounts of water to dissolve all materials before discarding container. **PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and crush of a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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