

PM 32

11/25/97

69681-4

11/3

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, 1"  
EPA Registration No. 69681-4  
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, 1"" to "Chlorinating 1" Tablets".

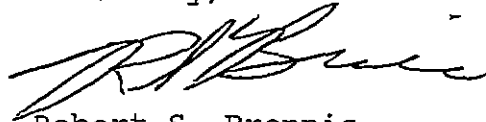
The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

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							



United States Environmental Protection Agency Washington, DC 20460

<input type="checkbox"/>	Registration
<input checked="" type="checkbox"/>	Amendment
<input type="checkbox"/>	Other

OPP Identifier Number
233618

Application for Pesticide - Section I

1. Company/Product Number 69681-4	2. EPA Product Manager Brennis	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Clor-Mor Chlorinated Tablets, 1"	PM# 32	
5. Name and Address of Applicant (include ZIP Code) Allchem Industries, Inc. 4001 Newberry Road, Suite E-3 Gainesville, FL 32607 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section II

<input checked="" type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input type="checkbox"/> Notification - Explain below	<input type="checkbox"/> Other - Explain below

Explanation: Use additional page(s) if necessary: (For section I and Section II.)  
Label amendment to upgrade old text (highlighted on draft label).  
Change in product name. (also highlighted)

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Metal Plastic Glass Paper Other (Specify) _____		
If "Yes" Unit Packaging wgt. _____		No. per container _____	If "Yes" Package wgt. _____		No. per container _____
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Edward W. Lyle		Title Authorized Agent		Telephone No. (Include Area Code) 1-202-783-8716	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment both under applicable law.					6. Date Application Received (Stamped) 
2. Signature 		3. Title Authorized Agent			
4. Typed Name Edward W. Lyle		5. Date 10/26/97			

**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 mist. 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, creeks or public waters unless in accordance with the requirements of a National Pollution 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 unless previously notifying the sewerage 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 utensil 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.

**MULTI-PURPOSE**



**CHLORINATING 1" TABLETS**

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

See additional precautionary information on side panels.

**ACTIVE INGREDIENT:**

Trichloro-s-triazinetrione: ..... 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 INHALED: Remove victim to fresh air. If not breathing, give artificial respiration periodically until he can breathe. Get medical attention. IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists. IF SWALLOWED: Drink plenty large quantities 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: Probable mucosal damage may contribute to the rate of gastric emptying.

EPA REG. NO. 69681-4

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 disinfectant, algicide, bactericide.  
**INITIAL DOSAGE:** When system is noticeably fouled, add Chlorinating 1" Tablets at the rate of 0.5 to 1 pound per 1,000 gallons of water in the system (sixteen to thirty-two tablets). Repeat until control is obtained.  
**SUBSEQUENT USE:** When microbial control is evident, add Chlorinating 1" Tablets daily at the rate of 0.5 pounds (sixteen tablets) 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 the Chlorinating 1" Tablets for a sufficient period of time (usually a minimum of 15 minutes). When an embankment strike or other agitation is not present, chlorination for disinfection should be introduced before primary or secondary sedimentation treatment, if these are used. The amount of Chlorinating 1" Tablets required will vary depending on the concentration and location of the fecal 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 detained before being diluted in 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, or secondary alone, 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 sixteen Chlorinating 1" Tablets for each 10,000 gallons of water treated. In practice, the number of Chlorinating 1" 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 1" Tablets is best accomplished by employing the iodometric titration technique (classified in Standard Methods for the Examination of Water and Wastewater, Sixteenth Edition, 1985, American Public Health Association, Inc., pp 293-303).

**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 and 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 the user 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 dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**ALLCHEM INDUSTRIES**  
4001 Newberry Road  
Gainesville FL 32607

**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 bacterial, fungicidal, and algicidal 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 (See label instructions). Release pool water to recommended ranges of total alkalinity and calcium hardness. 2. **INITIAL TREATMENT:** Chlorinate pool with 28 ounces of Chlorinating Granules (which 62 1/2 lbs) 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:** Regularly use sixteen Chlorinating 1" Tablets for daily chlorination. Add extra tablets if needed to maintain level of "free" chlorine in range of 1.0 to 2.0 ppm as determined by available test kit. Chlorine demand will vary with weather and degree of pool use. 5. For pools containing visible algae, add sixteen to thirty-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 algicide, sanitizer, and bactericide. Severely fouled towers should be cleaned prior to treatment for best and most rapid results. Lightly fouled systems may be treated without pre-cleaning. Chlorination requirements vary with percent of lime tower in use, type of tower, air and water temperatures, and concentration 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 1" Tablets required.

**APPLICATION METHODS:** Chlorinating 1" 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 1" Tablets placed in the dissolving basket. During periods when no chlorine is wanted, 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, sixteen Chlorinating 1" Tablets for each 8,000 gallons of water in the system. Tablet should be placed in areas of continuous water flow. Open flow control on erosion chlorinator to maximum until a 1.0 ppm chlorine residual is obtained. Adjust flow or add tablets to maintain chlorine at 1 to 2 ppm until foaming is gone. **CONTINUOUS TREATMENT:** Adjust flow through erosion chlorinator to maintain available chlorine reading of 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 daily, establish a 1.0 ppm available chlorine reading in the recirculating water and maintain between 7.4 and 7.8 during the treatment.

2/3