

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



Office of Pesticide Programs  
Antimicrobials Division (7510P)  
1200 Pennsylvania Avenue NW  
Washington, D.C. 20460

Number:  
69681-19

Date of Issuance:  
MAY 15 2007

Term of Issuance:  
Conditional

Name of Pesticide Product:  
Clor Mor Algacide 10

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

AllChem Performance Products LP  
416 S. Main Street  
Corsicana, TX 75110

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(a) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
  - a. Revise the EPA Registration Number to read, "EPA Reg. No. 69681-19".

Signature of Approving Official:

*Tracy Leidy for*  
Velma Noble  
Product Manager Team-31  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Date:

MAY 15 2007

CONCURRENCES

SYMBOL	7510P					
SURNAME	J. Leidy					
DATE	5/15/07					

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b. Place the most toxic route of exposure first in the "First Aid" statement, by moving the "If In Eyes" statement such that it appears before the "If On Skin Or Clothing" statement.

c. The following statement in the precautionary language on page 2 is incorrect. Revise to state: Causes irreversible eye damage and skin irritation." In addition, add the following language which is found on the "me-too" product label: "...Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated..."

d. Your application for pesticide indicates that this product will be sold in 1 quart containers. As such delete the following text on page 2 as this information is not appropriate for containers of less than 5 gallons. Delete: "{Environmental Hazard statement for end-use products in containers greater than 5 gallons..." through "...For guidance contact your state Water Board or Regional Office of the EPA.]"

e. Revise the Pesticide Disposal Statement on page 3 to read: "...in several layers of newspaper..."

f. As per the RED for ADBAC dated 8/3/06, add the following language to the directions for the use of this product in swimming pools on page four: "Do not apply when swimmers are in the immediate vicinity."

g. Make the following revision to bring your label into agreement with the "me-too" label. Revise the directions for Initial Application for Swimming Pools on pages 4 and 5 such that step two indicates: "Vacuum algae debris (to waste) and thoroughly brush pool."

h. Since you will be marketing this product in 1 quart containers, revise both sets of directions Initial Application for Swimming Pools step three on page 5 to state: "Add one quart of this product to each 12,500 gallons of water (26 ounces per 10,000 gallons) or ratio thereof."

i. Delete the following statement from the Maintenance Application directions on pages 5 and 6: "Quaternary test kits are available for this use." The Agency has not found that such kits are available in the market place. Thus this language is not appropriate for this label.

j. Correct the following statements to include mandatory language as per PR Notice 2000-5 as follows:

1. Revise the following statement under Booster Application on page 5 and 6: "The above directions must be followed even when the pool is not is use."

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

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2. On page 8 under Dosing Conditions for recirculating as well as once through systems, indicate: "This product *must* be applied when the system..." Make this correction twice on this page

3. At the beginning of page 9 under subsequent dose revise to state: "...Frequency of feed *must* be tied to an in-plant monitoring program..."

4. Revise the directions for "Once Through Water Cooling Systems" on page 8 in the initial dose section to read: "...The minimum treatment *is* 6 to 24 hours..."

k. Revise the Winterizing Treatment section on page 6 to be in agreement with the 1 quart size container in which this product will be marketed: "...When swimming pool season is over, add *1 quart* of this product per *4,000* gallons..."

l. Revise the Alternative Winterization Treatment section, step three to read: "Add *32 ounces per 4000 gallons* or ratio thereof..." deleting the reference to 80 ounces.

m. Revise the usage chart on page 7 by deleting all applications of this product in volumes greater than the 1 quart container. Delete the reference to the treatment of swimming pools which are 20,000, 25,000, 30,000, 40,000 and 50,000 gallons.

n. Delete the reference to "evaporative condensers" and "heat exchange water systems" on page 7 as directions have not been included for this uses.

o. On page 8 in the Industrial And/Or Commercial Recirculating Cooling Water Towers, Retort Water Systems section for Intermittent or Slug as well as Modified Intermittent Methods revise such that no dosage greater than 32 ounces is indicated as follows: "When the system is noticeably fouled, apply *13.12 to 25.6* fluid ounces (20 to 40 ppm on an active quaternary basis) per *500* gallons of water..."

p. As per the RED for ADBAC dated 8/3/06, add the following language to the directions for the use of this product in the Once Through Water Cooling Systems section: "**DO NOT APPLY THIS PRODUCT MORE THAN 4 TIMES PER YEAR. DEACTIVATION:** This product must be deactivated prior to discharge of the NPDES outfall."

q. Revise the directions for Containerized Decorative Fountains and Pools step three to indicate: "Add *32 ounces* of this product to each *12,500* gallons or ratio thereof."

r. As per the RED for ADBAC dated 8/3/06, add the following language to the directions for the use of this product in Containerized Decorative Fountains and Pools on page 9: "*This product is not to be used in open waterways connected to larger watersheds or in waters that serve as natural habitats for aquatic and amphibious organisms. DO NOT use when fish or other wildlife (for example, amphibians) are present.*"

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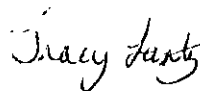
s. Revise the heading in the chart on page 10 by deleting the reference to "Swimming Pool Capacity in gallons" and replacing with the appropriate heading for this section: "*Decorative Fountain or Pool Capacity in gallons of water*".

t. Revise the chart on page 10 by deleting the references to the treatment of fountains or pools which have a capacity of 50,000 and 25,000 gallons. These references must be deleted as both indicate the use of this product in volumes greater than 1 quart.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. Submit one (1) copy of your final printed labeling prior to release of this product for shipment. If you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



for

Velma Noble  
Product Manager 31  
Regulatory Branch I  
Antimicrobials Division (7510P)

Enclosure: (Stamped Label)

7510P:T. Lantz:5/15/07:69681-19

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{All text in brackets [xxx] is optional and may or may not be included on a final label.}  
{All text in braces {xxx} is administrative and will not appear on a final label.}

**CLOR MOR AGLAECIDE 10**

{Optional marketing statements for Swimming Pools}  
[Control of Algae and Algae Slime Growth]  
[For] [In]  
[Swimming Pools]  
[Decorative Fountains and Pools]  
[Spas, Hot Tubs, Whirlpools]

{Optional marketing statements for non-pool use}  
[Control of Algae and Algae Slime Growth]  
[For] [In]  
[Industrial and/or Commercial Recirculating Cooling Water Towers]  
[Retort Water Systems]  
[Recirculating Cooling Water Systems]

**ACTIVE INGREDIENTS:**

Alkyl (60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>12</sub> , 5% C <sub>18</sub> ) dimethyl benzyl ammonium chloride	9.96%
Dialkly (60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>12</sub> , 5% C <sub>18</sub> ) menthyl benzyl ammonium chloride	0.04%
Inert Ingredients:	90.00%
<b>TOTAL:</b>	<b>100.00%</b>

**ACCEPTED**  
with **COMMENTS**  
in EPA Letter Dated:

[Weight: Approx. 8 lbs/gallon]

**MAY 15 2007**

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. **69681-19**

See [side] [back] panel for additional Precautionary Statements.

Net Weight:

**FIRST AID**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

#### **PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER.** Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through skin. Do not get into eyes, on skin or on clothing. Wear protective eyewear (goggles, safety glasses or face shield), protective clothing, and rubber gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

{Environmental hazard statement for end-use products in containers of less than 5 gallons (liquid) or less than 50 pounds (solid, dry).}

**[ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish.]

{Environmental hazard statement for end-use products in containers greater than 5 gallons (liquid) or greater than 50 pounds (solid, dry).}

**[ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.]

**PHYSICAL OR CHEMICAL HAZARDS:** Do not mix with soap, anionic detergents or oxidizers.

{Storage and Disposal instructions for Swimming Pool Use and Decorative Fountains and Pools}

**[STORAGE AND DISPOSAL:** Do not contaminate water, food, or feed by storage and disposal.

**PESTICIDE STORAGE:** Store in original containers and place in locked storage area. Keep from freezing.

**SPILL OR LEAK PROCEDURES:** Small spills may be mopped up or flushed away with water or absorbed on some absorbent material and incinerated.

**PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash.

**CONTAINER DISPOSAL:** Do not reuse container (bottle, cans, jars). Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other procedures approved by state and local authorities.]

{Storage and disposal instructions for Industrial Water Treatment Use, Industrial and/or Commercial Recirculating Cooling Water Towers and Recirculating Cooling Water Systems. }

**[STORAGE AND DISPOSAL:** Do not contaminate water, food, or feed by storage and disposal.

**PESTICIDE STORAGE:** Store in original containers and place in locked storage area. Keep from freezing.

**SPILL OR LEAK PROCEDURES:** Small spills may be mopped up or flushed away with water or absorbed on some absorbent material and incinerated. Large spills should be contained, the material then moved into containers and disposed of by approved methods for hazardous wastes.

**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 instructions, contact your State Pesticide or Environmental Control agency or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Do not reuse empty container (bottle, cans, jars). Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incinerate or if allowed by state and local authorities by burning. If burned, stay out of smoke.

**GENERAL:** Consult Federal, State, or local disposal authorities for approval of alternative procedures such as limited open burning.]

{Optional text for Swimming Pools }

[This product is efficient and stable in use dilution.]

[This product is compatible with most chemicals used in pool water and will not damage tile, concrete, metal or plastics.]

[This product keeps pool water free and sparkling, clear of visible green and blue-green algae, slime and green brown colors.]

[This product improves filter operations and reduces need for other chemicals.]

[This product imparts tone and a pleasant "feel" to swimming pool water.]

[This product is formulated to complement swimming pool water being treated with normal chlorine systems. It is especially effective against growth of algae and being non-volatile, aids in maintaining pool water clarity and sparkle. The residual effectiveness of this algaecide tends to stabilize the total chemical treatment system.]

[This product is compatible with most chemicals normally used in swimming pool maintenance; however, in its concentrated form, this chemical should not come in contact

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with high concentrations of chlorine or any other oxidizer. DO NOT MIX THIS PRODUCT AND CHLORINE OR ANY OTHER OXIDIZER TOGETHER before adding to the pool. These chemicals should be handled separately.]

[This product was formulated to complement most swimming pool sanitizers. This product is not a stand alone product, it must be used with either halogen based or non-halogen based pool sanitizers. This product supports your overall pool chemical maintenance program, offering a residual effectiveness that protects your pool against algae formations while keeping your pool water sparkling clear. This product protects the unattended pool when you're away (refer to Vacation Treatment section in Directions for Use.)]

**DIRECTIONS FOR USE:** It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Please read entire label and use strictly in accordance with precautionary statements and directions.

{Swimming Pool header and text must appear before either Instructions for use with/without Halogen Pool Sanitizers}

**SWIMMING POOLS:**

This product requires no special equipment for treating swimming pool water. The correct use dilution may be added directly to the pool in any spot or added to the water circulation equipment. This product works the best when added by itself directly to pool water.

**INSTRUCTIONS FOR USE WITH HALOGEN BASED POOL SANTIZERS:** This product is formulated to complement most swimming pool sanitizers. When using other products as outlined in Directions for Use, always follow Directions for Use of those products. This product is effective against the growth of algae. This product is efficient and non-staining when used as directed. This product will not evaporate and its algae fighting abilities actually increase as pool water temperature increases.

Ensure all pool equipment is working properly. Backwash the filter system following manufacturers directions. Adjust pH between 7.2-7.6. Adjust chlorine residual to 1-3 ppm. In a chlorine treated pool, add stabilizer to establish a minimum level of 40-50 ppm to reduce the degradative effects of sunlight upon the chlorine residual. Check for metals and if present add stain and scale inhibitor to prevent staining of pool surface due to metals. Check chlorine residual and adjust to 1-3 ppm.

Add this product directly into pool by pouring around entire outside perimeter of pool. Allow the filter to run for at least six (6) hours after adding algacide. During this period, swimmers should not be allowed into the water.

**INITIAL APPLICATION FOR SWIMMING POOLS**

1. Backwash the filter thoroughly.
2. Vacuum algae debris and thoroughly brush pool.



3. Add one gallon of this product to each 50,000 gallons of water (26 ounces per 10,000 gallons) or ratio thereof.
4. Vacuum pool after 24 hours to remove dead algae.
5. If algae is still visible repeat dose (steps 3 & 4) as necessary until pool is free of visible algae.
6. Once algae are under control, clean filter and return to normal operation.

**MAINTENANCE APPLICATION:** Add one quart of this product in 50,000 gallons of water every 3-5 days or as needed to maintain 0.5 ppm active. Quaternary test kits are available for this use.

**BOOSTER APPLICATION:** Add one quart of this product in 50,000 gallons of water after a heavy or prolonged rainfall or when there is a heavy bathing load.

The above directions should be followed even when the pool is not in use.  
If algae growth is noticeable, apply initial dose.

**[VACATION TREATMENT:** When you are going to be away for one week or more, add 24 ounces of this product per 10,000 gallons of water for every week unattended. Pour product around the edges of the shallow end of the pool, if shock is also being applied in the deep end of the pool.]

#### **INSTRUCTIONS FOR USE WITH NON-HALOGEN BASED POOL**

**SANTIZERS:** This product is formulated to complement most swimming pool water being treated with [BioGuard Softswim System] [Bacquacil] [and] [non-halogen systems]. When using other products as outlined in Directions for Use, always follow Directions for Use of those products. This product is efficient and non-staining when used as directed. This product will not evaporate and its algae fighting abilities actually increase as pool water temperature increases. The residual effectiveness of this product tends to stabilize the total chemical treatment system.

Ensure all pool equipment is working properly. Backwash the filter system following manufacturers directions. Adjust pH between 7.2-7.6. Check for metals and if present add stain and scale inhibitor to prevent staining of pool surface due to metals.

Add this product directly into pool by pouring around entire outside perimeter of pool. Allow the filter to run for at least six (6) hours after adding algaecide. During this period, swimmers should not be allowed into the water.

#### **INITIAL APPLICATION FOR SWIMMING POOLS**

1. Backwash the filter thoroughly.
2. Vacuum algae debris and thoroughly brush pool.
3. Add one gallon of this product to each 50,000 gallons of water (26 ounces per 10,000 gallons) or ratio thereof.
4. Vacuum pool after 24 hours to remove dead algae.

5. If algae is still visible repeat dose (steps 3 & 4) as necessary until pool is free of visible algae.
6. Once algae is under control, clean filter and return to normal operation.

**MAINTENANCE APPLICATION:** Add one quart of this product in 50,000 gallons of water every 3-5 days or as needed to maintain 0.5 ppm active. Quaternary test kits are available for this use.

**BOOSTER APPLICATION:** Add one quart of this product in 50,000 gallons of water after a heavy or prolonged rainfall or when there is a heavy bathing load.

The above directions should be followed even when the pool is not in use. If algae growth is noticeable, apply initial dose.

**WINTERIZING TREATMENT:** (not applicable in California). When swimming pool season is over, add 1 gallon of this product per 16,000 gallons (8 ounces per 1,000 gallons) or ratio thereof of water left in pool. This dose helps provide a measure of control of algae growth during the winter months. This treatment will also help the servicing of the pool before it is returned to use the following season.

For persistent algae or slime producing organisms add 1 quart of this product in to the skimmer with the filter pump running. After one minute shut off pump and allow the system to remain off overnight. The following day, restart the filter pump and add 1 quart of this product to the pool. Run filter continuously for 24-48 hours brushing the sides and bottom of the pool frequently.

**ALTERNATIVE WINTERIZATION TREATMENT:** (not applicable in California). This product may be used with the following pool chemicals to form a winterization "package".

Directions:

1. Add a maintenance dose of chloride or oxygen shock.
2. Top up [BioGuard Softswim System] [Bacquacil] [Non-halogen systems] to 50 ppm.
3. Add 80 ounces of this product per 10,000 gallons (32 ounces per 4,000 gallons) or ratio thereof, of water left in pool. This dose helps provide a measure of control of algae growth during the winter months. This treatment will also help the servicing of the pool before it is returned to use the following season.
4. Allow filter to run for several hours after chemical additions for good mixing.

**Note:** Before using chlorine or oxygen shock, read the Directions for Use and Precautionary Statements specific to that product.

{Optional Usage Chart for Swimming Pools}

Swimming Pool Capacity in gallons	Initial Treatment	Maintenance/Booster Dose
5,000	12.8 ounces	3.2 ounces
10,000	25.6 ounces	6.4 ounces
20,000	51.2 ounces	12.8 ounces
25,000	64.0 ounces	16.0 ounces
30,000	76.8 ounces	19.2 ounces
40,000	102.4 ounces	25.6 ounces
50,000	128.0 ounces	32.0 ounces

**TO DETERMINE POOL CAPACITY:**

**Rectangular Pools:** Length (times) width (times) average depth (in feet) (times) 7.5 (equals) gallons.

**Round and Oval Pools:** Long diameter (times) short diameter (times) average depth (in feet) (times) 5.9 (equals) gallons.

**DIRECTIONS FOR USE IN SPAS/WHIRLPOOLS/HOT TUBS**

**Initial Dose:** Add 12.8 ounces of this product per 5,000 gallons of water. Initial dose is used upon filling of spa/whirlpool/hot tub bath.

**Maintenance Dose:** Add 3.2 ounces of this product per 5,000 gallons of water. Maintenance dose should be added at 3-5 day intervals. If high temperatures prevail or spa/whirlpool/hot tub bath has unusually heavy use, add maintenance dose more frequently. Drain and clean outside spa/whirlpool/hot tub bath at least once a month or as needed depending upon bather load.

**INDUSTRIAL WATER TREATMENT**

Do not use water containing residues from use of this product to irrigate crops for food or feed.

Use of the product in either public/municipal or single or multiple family private/residential potable/drinking water systems is strictly prohibited. Use of the product in any cooling water system that discharges effluent within ¼ mile of either a public/municipal or single or multiple family private/residential potable/drinking water intake is strictly prohibited.

This product aids in the control of bacterial, fungal and algal slimes in evaporative condensers, heat exchange water systems, industrial and commercial cooling towers.

**INDUSTRIAL AND/OR COMMERCIAL RECIRCULATING COOLING WATER TOWERS, RETORT WATER SYSTEMS** (note Retort Water Systems use not applicable in California)

**1. DOSING LOCATION:** This product is to be applied at a point in the system where it will be uniformly mixed, such as at the sump.

**2. DOSING CONDITIONS:** This product should be applied when the system is in jeopardy of being affected or after cleaning systems were efficiency is already impaired.

**3. METHOD OF APPLICATION:**

**a) INTERMITTENT OR SLUG METHOD:**

**Initial Dose:** When the system is noticeably fouled, apply 26.25 to 51.25 fluid ounces (20 to 40 ppm on an active quaternary basis) per 1,000 gallons of water in the system. Repeat until control in achieved.

**Subsequent Dose:** When microbial control is evident, add 6.65 to 19.25 fluid ounces (5 to 15 ppm on an active quaternary basis) per 1,000 gallons of water in the system twice weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

**b) MODIFIED INTERMITTENT METHOD**

**Initial Dose:** When the system is noticeably fouled, apply 26.25 to 51.25 fluid ounces (20 to 40 ppm on an active quaternary basis) per 1,000 gallons of water in the system. Apply half of this initial dose when half of the water in the system has been lost by blowdown.

**Subsequent Dose:** When control of microbial growth is evident, apply 6.65 to 19.25 fluid ounces (5 to 15 ppm on an active quaternary basis) per 1,000 gallons of water in the system. Apply half of this subsequent does when half of the water in the system has been lost by blowdown. Badly fouled systems must be cleaned before treatment is begun.

**c) CONTINUOUS FEED METHOD**

**Initial Dose:** When the system is noticeably fouled, apply 26.25 fluid ounces (20 ppm on an active quaternary basis) per 1,000 gallons of water in the system.

**Subsequent Dose:** Maintain this treatment by starting a continuous feed of 6.65 fluid ounces (5 ppm on an active quaternary basis) per 1,000 gallons of water lost by blowdown. Badly fouled systems must be cleaned before treatment is begun.

**ONCE THROUGH WATER COOLING SYSTEMS**

**1. DOSING LOCATION:** This product is to be applied at a point in the system where it will be uniformly mixed, such as at the sump.

**2. DOSING CONDITIONS:** This product should be applied when the system is in jeopardy of being affected or after cleaning systems were efficiency is already impaired.

**3. METHOD OF APPLICATION:**

**a) INTERMITTENT OR SLUG METHOD:**

**Initial Dose:** When the system is noticeably fouled, apply 0.75 to 7.5 fluid ounces (0.6 to 6 ppm on an active quaternary basis) per 1,000 gallons of water in the system. The minimum treatment should be 6 to 24 hours. Repeat until control in achieved.

Deactivation must be conducted prior to discharge from the system by using bentonite clay at a minimum ration of 5 ppm clay to 1 ppm product.

**Subsequent Dose:** When microbial control is evident, add 0.375 to 3.75 fluid ounces (0.3 to 3 ppm on an active quaternary basis) per 1,000 gallons of water based upon system flow rates on a as needed basis to maintain control. Frequency of feed should be tied to an in-plant monitoring program for macro cawling growth. Deactivation must be conducted prior to discharge from the system by using bentonite clay at a minimum of 5 ppm clay to 1 ppm product.

**b) CONTINUOUS FEED METHOD**

**Initial Dose:** When the system is noticeably fouled, apply 0.375 to 3.75 fluid ounces (0.3 to 3 ppm on an active quaternary basis) per 1,000 gallons of water based on system flow rates. Continue to feed until needed control is achieved. Deactivation must be conducted prior to discharge from the system using bentonite clay at a minimum ration of 5 ppm to 1 ppm product.

**Subsequent Dose:** Maintain this treatment by starting a continuous feed of 0.15 to 1.5 fluid ounces (0.1 to 1 ppm on an active quaternary basis) per 1,000 gallons of water based upon system flow rates. Deactivation must be conducted prior to discharge from the system by using bentonite clay at a minimum ration of 5 ppm clay to 1 ppm product.

**CONTROLLING ALGAE GROWTH**

**Bird Baths:** Do not use with fish. Clean to remove algae growth prior to filling birdbath. Then spray all exposed surfaces with a solution of 1 ounce of this product per gallon of water. Allow to air dry and brush off dead algae.

**Algae Control on Walkways:** For heavy infestations, spray or swab a solution of 1 ounce of this product per gallon of water. Let stand for an hour or more then brush and wash away dead algae. Soak area again with the solution. Do not rinse. Allow to dry on the surface and repeat application when algae growth returns.

**[Instructions for Containerized Decorative Fountains and Pools**

This product is toxic to fish. DO NOT use this product when fish are present.

**Initial Dose:**

1. Remove floating algae by raking, dragging with cable or chain or any other suitable method. It is more economical to remove floating type algae (if possible) before the water is treated.
2. Add this product at any point that is convenient, such as the bowl, pool, or sump.
3. Add one gallon of this product to each 50,000 gallons (32 ounces per 12,500 gallons) or ratio thereof.

**Weekly Maintenance Dose:** Add one quart of the product to each 50,000 gallons of water every 3-5 days or as to maintain 0.5 ppm active.

Each month drain and clean bowl. Refill with fresh water and repeat initial treatment. Draining removes airborne dirt, dust, contamination and alkali buildup.]

{optional chart for Containerized Decorative Fountains and Pools}

Swimming Pool Capacity in gallons	Initial Treatment	Maintenance/Booster Dose
50,000	128.0 ounces	32.0 ounces
25,000	64.0 ounces	16.0 ounces
12,500	32 ounces	8 ounces
6,250	16 ounces	4 ounces
3,125	8 ounces	2 ounces
1,562	4 ounces	1 ounce
781	2 ounces	1/2 ounce, (1 Tablespoon)
390	1 ounce	1/4 ounce
195	1/2 ounce, (1 Tablespoon)	0.125 ounce

AllChem Performance Products, LP  
416 S. Main Street  
Corsicana TX 75110

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