

PM 32

69470-20 8/20/98

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AUG 20 1998

Clearon Corporation
c/o Edward W. Lyle
1805 - 45th Street, N.W.
Washington, DC 20007-2070

Attention: Edward W. Lyle
Authorized Agent

Subject: CDB Clearon Granular Industrial Water Biocide
EPA Registration Number 69470-20
Your Amendment Dated July 1, 1998

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to add swimming pool and spa uses to your label 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.

If you have any questions concerning this letter, please contact Delores Williams at (703) 308-6372.

Sincerely,



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

CONCURRENCES

CONCURRENCES								
SYMBOL								
SURNAME								
DATE								

Clearon Corp.

CDB CLEARON®

GRANULAR INDUSTRIAL WATER BIOCIDES

Active Ingredient:

Sodium Dichloro-s-Triazinetrione, Hydrated	99%
Inert Ingredients	1%
Total	100%
Available Chlorine	55.5%

KEEP OUT OF REACH OF CHILDREN

DANGER!

SEE PRECAUTIONARY STATEMENTS
AND FIRST AID INFORMATION
ON SIDE PANEL

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, 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 promptly large quantities of water. Avoid alcohol.

Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage. Get medical attention.

EPA REG. NO. 69470-20
EPA EST. NO. 69470-MI-1

CLEARON CORP.
95 MACCORKLE AVENUE, SW
SOUTH CHARLESTON, WV 25303-1411

NET WT.

Made in U.S.A. Printed in U.S.A.

Under The Federal Insecticide, Fungicide and
Rodenticide Act, as amended, for the
bioicide registered under
EPA Reg. No. 69470-20

PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS:

DANGER:

Corrosive. Causes irreversible eye damage. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe dust, vapor or spray mist. Wear goggles, face shield or safety glasses. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

CHEMICAL HAZARDS. DANGER: Strong oxidizing agent. Use only clean dry utensils. Mix only into water. Contamination with moisture, dirt, organic matter or other chemicals (including other pool chemicals) or any other foreign matter may start a chemical reaction with generation of heat, liberation of hazardous gases and possible generation of fire and explosion. Avoid any contact with flaming or burning material such as a lighted cigarette. Do not use this product in any chlorinating device which has been used with any inorganic or unstabilized chlorinating compounds (e.g., calcium hypochlorite). Such use may cause fire or explosion.

ENVIRONMENTAL HAZARD: This pesticide 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 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 without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

EMERGENCY HANDLING: In case of contamination or decomposition do not reseal container. If possible, isolate container in open well-ventilated area. Flood with large volumes of water. Dispose of contaminated material in an approved landfill area.

STORAGE AND DISPOSAL: Keep product dry in tightly closed container when not in use. Store in a cool, dry, well-ventilated area away from heat or open flame. Do not reuse empty container. Rinse empty container thoroughly with water to dissolve all material before discarding. Securely wrap container in several layers of newspaper and discard in trash.

DIRECTIONS FOR USE: It is a violation of federal law to use this product in a manner inconsistent with its labeling.

For Use in Industrial Recirculating Water Cooling Towers, Air Washers & Evaporative Condensers.

Treatment with this product is an effective way to control the growth of bacterial and algae in industrial recirculating water cooling towers, air washers and evaporative condensers.

1. Badly fouled systems should be cleaned prior to initiating treatment. 2. Initial Dosage - When the system is just noticeably fouled, add 10-13 oz. of this product per 10,000 gallons of water contained in the system. Repeat this dosage, if necessary, until free available chlorine level (FAC) of 0.5-1.0 ppm is obtained (as determined by use of a reliable test kit). 3. Maintenance Dosage - To obtain a FAC of 0.5-1.0 ppm, add 1-3 oz. of this product per 10,000 gallons of water daily or as needed. 4. This product should be added to the system at the point where adequate flow is maintained. Variations in water temperature, chlorine demand and flow rate will affect the dissolution rate. Warmer seasons may require an upward adjustment of the FAC. Air Washers For use only in industrial air washer systems that maintain effective mist eliminating components. Hypochlorite controls slime-forming bacteria and fungi in air washer systems. This product may be added to the system either continuously or intermittently or as needed. The frequency of feeding and duration of the treatment will depend on the severity of the problem. **BADLY FOULED SYSTEMS** should be cleaned prior to initiating treatment. 1. Initial Dosage - When the system is just noticeably fouled, add 10-13 oz. of this product per 10,000 gallons of water contained in the system. Repeat this dosage, if necessary, until a free available chlorine level (FAC) of 0.5-1.0 ppm is obtained (as determined by use of a reliable test kit). 2. Maintenance Dosage - To maintain a FAC of 0.5-1.0 ppm, add 1-3 oz. of this product per 10,000 gallons of water, daily or as needed. 3. This product should be added to the system at a point where adequate flow is maintained. Variations in water temperature, chlorine demand and flow rate will affect the dissolution rate. Warmer seasons may require an upward adjustment of the FAC.

CDB® is a registered trademark of Clearon Corp.

FOR SWIMMING POOL DISINFECTANT:

When used as directed, this product is effective as a swimming pool water disinfecting agent.

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

Ensure all pool equipment is working properly. Backwash the filter system following manufacturer's directions. Adjust pH to between 7.2-7.6. Add stabilizer to establish a minimum level of 30-40 ppm to reduce the degradative effects of sunlight upon the chlorine residual. Check for metals. Before using this product, add stain and scale inhibitor to prevent staining of pool surface due to metals. When using other products as outlined in the directions for this product, always follow directions on those products.

With pump running, broadcast 4 ounces of this product per 10,000 gallons directly into the water in the deep end of the pool as an initial treatment. Repeat additions until a residual of 1-3 ppm chlorine is established as determined by the use of a test kit. To prevent damage to pool surface, use a pool brush to disperse granules that may have settled to the bottom of the pool. **NEVER ALLOW UNDISSOLVED PRODUCT TO REST IN CONTACT WITH BLEACHABLE POOL SURFACES.** Regular use of a test kit is necessary to determine when it is necessary to add another dose of this product to maintain a residual of 1-3 ppm available chlorine in the pool water. An average daily dose requirement is 2-3 oz. of this product per 10,000 gallons of water.

After use of this product it is recommended that a preventative algae treatment be added on a weekly basis.

FOR SUPERCHLORINATION: Broadcast one pound of this product directly into the water in the deep end of the pool. To prevent damage to pool surface, use a pool brush to disperse any granules that may have settled to the bottom of your pool. **NEVER ALLOW UNDISSOLVED PRODUCT TO REST IN CONTACT WITH BLEACHABLE POOL SURFACES.**

In water temperatures less than 70°F, or as an alternate application procedure, predissolve this product prior to applying evenly to the deep end of the pool. Dissolve this product outdoors, in a clean plastic bucket stirring with a clean plastic or wooden spoon. Add this product to water; **NEVER** add water to product. **NEVER** add more than 1 pound of this product to 3 gallons of cool water. Do not mix with other products when predissolving.

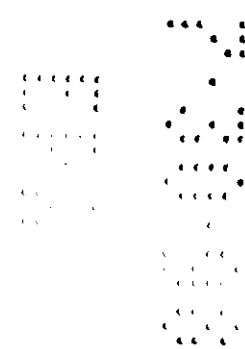
FOR SWIMMING POOL ALGAE:

When used as directed, this product kills algae and will rid your pool of unsightly algae spots. This product is ideal for use in vinyl lined, fiberglass or colored plaster surface pools.

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

Ensure all pool equipment is working properly. Backwash the filter system following manufacturer's directions. Adjust pH to between 7.2-7.6. Check for metals and if present add stain and scale inhibitor to prevent staining of pool surface. When using other products as outlined in the directions for this product, follow directions on those products.

Before using this product, brush all surface-clinging algae paying special attention to pool steps, ladder steps and around skimmer and lights. At night, or when the pool is not in use, broadcast this product directly into the water in the deep end of the pool with pump running. Use two pounds of this product per 10,000 gallons for medium to heavy algae growth and one pound per 10,000 gallons for light algae growth. To prevent possible damage to pool surface, use a pool brush to disperse any granules that may have settled to the bottom of the pool. Brush any remaining algae and clean/backwash filter. If algae is still visible, repeat treatment.



FOR WINTERIZING POOL:

To avoid costly spring problems (algae, stains, cloudy water, high chlorine demand) properly prepare your pool for the winter using this product. This product oxidizes organic wastes, provides long lasting chlorine protection, helps keep pool surfaces clean, and helps protect water during the off season months.

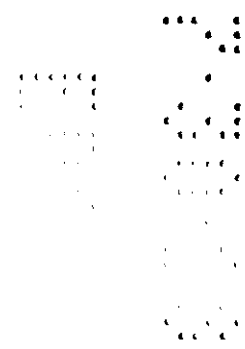
DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

NOTE: For WHITE PLASTER POOLS, broadcast this product directly into the pool water. FOR VINYL, FIBERGLASS, PAINTED AND COLORED PLASTER POOLS, PRE-DISSOLVE THE RECOMMENDED DOSE. Dissolve this product outdoors, in a clean plastic bucket stirring with a clean plastic or wooden spoon. Add this product to water; NEVER add water to product. NEVER add more than 1 pound of this product to 3 gallons of cool water. Do not mix with other products when pre-dissolving.

Before treating the pool, chemically balance the water and adjust pH to 7.4 - 7.6. Brush and vacuum the pool. Backwash the filter and clean skimmer, pump baskets, and filter.

Sprinkle the powder or pour the pre-dissolved treatment dose (see NOTE above) into the water around the edges of the pool. Use one pound of this product per 10,000 gallons of water.

Circulate water for several hours, then apply a winterizing algae treatment following appropriate directions. Cut off pump. Drain equipment or add a swimming pool antifreeze to equipment to prevent freeze damage. Install pool cover. A second treatment of this product in mesh covered or non-covered pools may be required prior to water freezing (mid-winter). If second treatment is required, predissolve treatment (see NOTE above) and pour along edges of the pool.



FOR SPA AND HOT TUB DISINFECTANT:

When used as directed, this product is effective as a spa and hot tub water disinfecting agent.

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

Ensure all spa and hot tub equipment is working properly. Backwash/clean the filter system following manufacturer's directions. Adjust pH to between 7.2-7.6. When using other products as outlined in the directions for this product, always follow directions on those products.

MAINTENANCE DOSES: With pump on, add 1/2 teaspoon of this product per 100 gallons of water (or 5 teaspoons per 1,000 gallons) as an initial treatment. Repeat at 15 to 20 minute intervals until a residual of 3 - 5 ppm of available chlorine is established as determined by test kit. A test kit must be used regularly to determine the frequency of additional doses of this product needed to maintain the chlorine residual of 3 - 5 ppm.

SUPERCHLORINATION: Use one teaspoon of this product per 100 gallons of water (or 1/4 cup per 1,000 gallons). Superchlorination may be needed on a nightly basis in a heavily used spa or as infrequently as once a week in a moderately used spa.

