

18 2002

ACCEPTED

### 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.

#### PHYSICAL OR CHEMICAL HAZARDS

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 HAZARDS: This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, ponds, streams, 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:

Do not contaminate water, food or feed by storage or disposal. Store in a dry, cool and well-ventilated area. Avoid moisture getting into container. Keep off wet floors. In case of spillage, wash with large amounts of water. After each use. keep container tightly closed.

## CDB CLEARON® 14 GRAM TABLETS Under the Federal Insecticide, Fungicida, and

**Active Ingredient:** Sodium Dichloro-s-Triazinetrione F:vd::ated inert ingredients: 1% Total: 100% **Available Chlorine:** 55.5%

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

SEE PRECAUTIONARY STATEMENTS AND FIRST AID INFORMATION REI OW

DELOW							
FIRST AID							
If in eyes	<ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>						
if inhaled	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>						
If on skin 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 swallowed	<ul> <li>Call poison control center, or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>						
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.							
NOTE TO PHYSICIAN  "Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage."							

STORAGE AND HANDLING (continued) Reg No. LANTO-30 Oxidizing material. Keep away from Hames, sparits and all sources of best Aurilla sources of heat. Avoid contact with organic material.

PESTICIDE DISPOSAL: Pesticide wastes are acuteiv 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 at 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.

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.

#### FOR SWIMMING POOL DISINFECTANT:

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

#### DIRECTIONS FOR USE

This product is intended for use in controlling bacteria and algae in swimming pools. This product should be added directly to the surface of circulating water according to the

Re-entry into treated swimming pools is prohibited above levels of 3 ppm chlorine.

START-UP: Before using this product, make sure that the filtration system is clean and operating properly. Adjust the pH of the water to the range of 7.2-7.6 using suitable products and a reliable test kit. Adjust the alkalinity of the water to a minimum of 125 ppm (mg/L) based on the test kit reading.

Add a sufficient amount of this product to a floating dispenser, automatic chlorinator of feeder designed for this product to raise the free available chlorine level in the water to 5-6 ppm (mg/L), based on reading from a suitable test kit. The addition of 20 tablets of this product per 10,000 gallons of water. (7.5 grams per 1,000 liters) will provide approximately 5 ppm (mo/L) of available chlorine.

SHOCK TREATMENT: The pool water should be superchlorinated or shocked every seven days or whenever the combined chlorine level is above 0.5 ppm (mg/L). Combined chlorine is the difference between total and free chlorine, as measured by a suitable test kit.

Add a sufficient amount of this product directly to the surface of circulating water to raise the available chlorine level to 5-6

ppm (mg/L), based on test kit readings. The addition of 20 tablets of this product per 10,000 gallons of water (7.5 grams per 1,000 liters) will provide approximately 5ppm (mg/L) of available chlorine. If the combined chlorine is not below 0.5 ppm (mg/L) and the water has not been restored to its normal clarity, repeat the shock treatment described above.

Do not enter water until free available chlorine reading is below 3ppm (mg/L), combined chlorine is below 0.5 ppm (mg/L) and the water is restored to its normal clarity.

MAINTENANCE TREATMENT: Add this product daily or as needed to maintain free available chlorine level in the water at 1-3 ppm (mg/L) as indicated by a reliable test kit. The addition of 4 tablets of this product per 10,000 gallons of water (1.5 grams per 1.000 liters) will provide approximately 1 ppm (mg/L) of available chlorine). If the combined chlorine reading is not below 0.5 ppm. (mg/L) and the water has not been restored to its normal clarity, repeat the shock treatment described above.

When the total dissolved solid (TDS) reaches 3000 ppm (mg/L) or whenever the water becomes difficult to manage, the water should be drained and fresh water added to the pool.

WINTERIZING: Thoroughly clean and vacuum the pool. While the water is still clear and clean, apply 32 tablets of this product for each 10,000 gallons of water (12 grams per 1,000 liters), while filtration system is running. This will increase the available chlorine by approximately 8 ppm (mg/L). Cover pool, prepare heater, filter and heater components for winter by following manufacturers' instructions.

#### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

#### FOR SPA AND HOT TUB DISINFECTANT:

This product is intended for use in controlling bacteria in spas and hot tubs. This product is also highly effective in controlling and destroving algae in outdoor spas and hot tubs.

START-UP: Before using this product, make sure that the filtration system is clean and operating properly. Adjust the pH of the water to the range of 7.2-7.6 and the alkalinity of the water to a minimum of 125 ppm (mg/L), using suitable products and reliable test kits. For bather safety, it is not recommended that water temperatures exceed 104°F (40°C).

Add a sufficient amount of this product to a suitable feeder to raise the free chlorine level in the water to 5-6 ppm (mg/L), based on suitable test kit readings. The addition of 2 tablets of this product per 1,000 gallons (0.75 grams per 100 liters) of water will increase the available chlorine by 5ppm (mg/L).

SHOCK TREATMENT: After each use, the water should be superchlorinated or shocked. Add a sufficient amount of this product directly to a suitable feeder to raise the available chlorine level to 5-6 ppm (mg/L) based on test kit readings. The addition of 2 tablets of this product per 1,000 gallons (0.75 grams per 100 liter) of water will increase the available chlorine by 5 ppm (mg/L). if combined chlorine reading is not below 0.5 ppm (mg/L) and the water has not been restored to its normal clarity, repeat shock treatment described above. Combined chlorine is the difference between total and free chlorine, as measured by a suitable test kit.

MAINTENANCE TREATMENT: Add this product daily or as needed to maintain the free available chlorine level in the water at 3-5 ppm (mg/L) as indicated by a suitable test kit. The addition of 1 tablet of this product per 1,000 gallons of water (0.38 grams per 100 liters) will increase the available chlorine by 2.5 ppm (mg/L). Weather and usage effect sanitizer levels. In addition, some oils lotions, fragrances, cleaners etc. may cause foaming or cloudy water as well as reduce the efficiency of this product. Maintain the pH at 7.2-7.6 and alkalinity at a minimum of 125 ppm (mg/L).

#### **DIRECTIONS FOR USE**

This product may be used on food contact surfaces in accordance with 21CFR 178.1010 of the Federal Food Drug and Cosmetic Act.

SOLUTION PREPARATION: Prepare a 100 ppm (mg/L) sanitizing solution by thoroughly mixing 1 tablet of this product with 25 gallons of water (0.15 gram per liter). Solution containing an initial concentration of 100 ppm (mg/L) available chlorine must be tested with a suitable chlorine test kit and adjusted periodically to insure the available chlorine level drop below 50 ppm (mg/L) either discard the solution and add 1 tablet of this product per 50 gallons of water (75 milligrams per liter) to increase the available chlorine level 50 ppm (mg/L) and maintain the 100 ppm (mg/L) solution strength.

# SANITIZATION OF NON-POROUS FOOD CONTACT SURFACES:

This product is recommended for use in poultry houses, egg handling equipment, dairy farm milk handling facilities/equipment, dairy farm milking equipment, household/domestic dwelling indoor food handling areas, food processing plant premises and equipment (food and non food contact, dairies/cheese processing plant premises and equipment (food and non-food contact), meat processing plant premises and equipment (food and non-food contact), poultry processing plant premises and equipment (food and non-food contact), eating establishments, eating establishment equipment/utensils (food contact), milk shake machines, soft serve ice cream machines.

RINSE OR SPRAY METHOD: Clean equipment surfaces in the normal manner and rinse with potable water. It may be necessary to remove gross filth and heavy soil from surfaces by a pre-scrape, pre-flush, and where necessary, a pre-soak treatment. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for 2 to 5 minutes. Do not rinse equipment with water after treatment.

The same solution may used in feed tanks of spray type machines providing at least one minute contact time to sanitize equipment.

**IMMERSION METHOD:** Clean equipment in the normal manner. Prior to use, immerse equipment in the sanitizing solution for 2 to 5 minutes and allow the sanitizer to drain. Do no rinse equipment with water after treatment.

#### **EGG WASHING:**

This product is recommended for use in commercial egg washing treatments and hatching egg washing treatments.

The eggs should be washed in a continuous operation and shall be completed as rapidly as possible. The eggs shall not be allowed to stand or soak in water. Immersion-type washer shall not be used. After washing, the eggs shall be spray rinsed with the sanitizing solution. At intervals during use, this product should be added to the circulating spray rinse solution to maintain 100 ppm (mg/L) available chlorine.

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

# <u>DISINFECTION OF DRINKING WATER</u> (EMERGENCY/PUBLIC/INDIVIDUAL SYSTEMS)

PUBLIC SYSTEM: Feed 1 ounce of this product per 6000 gallons of water until a free available chlorine residual of at least 0.2 ppm is attained throughout the distribution system. Check water frequently with a chlorine test kit. Bacteriological sampling must be conducted at a frequency no less than that prescribed by the National Interim Primary Drinking Water Regulations. Contact your local Health Department for further details.

INDIVIDUAL SYSTEMS: DUG WELLS- Upon completion of the casing (lining) wash the interior of the casing (lining) with a 100 ppm available chlorine solution using a stiff brush. This solution can be made by dissolving 1 ounce of this product into 40 gallons of water. After covering the well, pour the disinfectant solution into the well through both the pipe sleeve opening and the pipeline. Wash the exterior of the pump cylinder also with the disinfectant solution. Start pump and pump water until strong odor of chlorine in water is noted. Stop pump and wait at least 24 hours. After 24 hours flush well until all traces of chlorine have been removed from the water. Contact your local Health Department for further details.

INDIVIDUAL WATER SYSTEMS: DRILLED, DRIVEN & BORED WELLS- Run pump until water is as free from turbidity as possible. Pour a 100 ppm available chlorine disinfecting solution into the well. This solution can be made by dissolving 1 ounce of this product into 40 gallons of water. Add 5 to 10 gallons of clean, chlorinated water to the well in order to force the disinfectant into the rock formation. Wash the exterior of pump cylinder with the disinfectant. Drop pipeline into well, start pump and pump water until strong odor of chlorine in water is noted. Stop pump and wait at least 24 hours. After 24 hours flush well until traces of chlorine have been removed from the water. Deep wells with high water levels may necessitate the use of special methods for

introduction of the disinfectant into the well. Consult your local Health Department for further details.

INDIVIDUAL WATER SYSTEMS: FLOWING ARTESIAN WELLS- Artesian wells generally do not require disinfection. If analyses indicate persistent contamination the well should be disinfected. Consult your local Health Department for further details.

#### **EMERGENCY DISINFECTION:**

This product is recommended for disinfecting raw or pre-treated (settled, coagulated and/or filtered) water supplies intended for use as drinking water for humans and domestic animals.

The source of the water to be treated may be a river, lake, well, cistern or similar system. To obtain the desired disinfectant results, the water to be treated should be clear and free of dirt and organic debris. If the source of the water is cloudy and contains dirt and organic debris, the water should be held in holding tanks or ponds, treated with coagulating agents and filtered to remove the dirt and organic debris.

Dissolve 0.1 ounce of this product into 40 gallons of water (120 milligrams per 10 liters) to obtain a concentration of 10-ppm (mg/L) of available chlorine. Let the water stand for one hour before using. A residual of 1ppm (mg/L) of available chlorine, as measured by a reliable test kit, should be maintained in the water to insure disinfection.

Preparation of Stock Solution-Dissolve one heaping teaspoon of this product (approximately 10 grams or 1/3 ounce into 1 liter of water. The mixture will produce a 0.6 % stock chlorine solution (6,000 mg/L). Add 20 drops of this stock solution of each liter of water to be treated. The stock solution should be prepared fresh weekly.

#### **PUBLIC WATER SYSTEMS:**

RESERVOIRS: ALGAE CONTROL-Continuous chlorinated is the most effective method for destroying algae, however, slug treatment can also be effective. Suitable chlorine feeding points should be selected on each stream at least 50 yards upstream from the points of entry into the reservoir. Add this product at the following rates:

Initial Dose: When the system is noticeably fouled, add this product at the rate of 1.5 to 7.5 ounces per 10,000 gallons to achieve 0.5-1.5 ppm (mg/L) available chlorine, as measured by a suitable test kit. Repeat dosage until residual is achieved.

Subsequent Dose: When control is evident, add this product at the rate of 0.5 to 2.3 ounces per 10,000 gallons to maintain 0.2-0.5 ppm (mg/L) available chlorine, as measured by a suitable test kit.

MAINS- Thoroughly flush section to be disinfected by discharging from hydrants. Permit a water flow of at least 2.5 feet per minute to continue under pressure while

injecting this product by means of chlorinator. Stop water flow when a chlorine residual test of 50 ppm is obtained at the low pressure end of the new main section after 24 hour retention time. When chlorination is completed, the system must be flushed free of all heavily chlorinated water.

NEW TANKS, BASIN, ETC.- Remove all physical soil from surfaces. Places 9 ounces of this product for each 10 cubic feet of moving capacity (500 ppm available chlorine). Fill to working capacity and allow to stand for at least 4 hours. Drain and flush with potable water and return to service.

NEW FILTER SAND-Apply 16 ounces of this product for each 150 to 200 cubic feet of sand. The action of the product dissolving as the water passes through the bed will aid in sanitizing the new sand.

NEW WELLS-Flush the casing with a 50 ppm available chlorine solution of water containing 1.2 ounces of this product for each 100 gallons of water. The solution should be pumped or fed by gravity into the well after thorough mixing with agitation. After 24 hours flush well until all traces of chlorine have been removed from the water. It may then be pumped until a representative raw water sample is obtained. Bacterial examination of the water will indicate whether further treatment is necessary. Contact you local Health Department for further details.

EXISTING EQUIPMENT- remove equipment from service, thoroughly clean surfaces of all physical soil. Sanitize by placing 9 ounces of this product for each 10 cubic feet capacity (approximately 500 ppm available chlorine) Fill to working capacity and let stand at least 4 hours. Drain and place in service. If the previous treatment is not practical, surfaces may be sprayed with a solution containing 1.2 ounces of this product for each 5 gallons of water (approximately 1000 ppm available chlorine). After drying, flush with water and return to service.

#### **EMERGENCY DISINFECTION AFTER FLOODS:**

WELLS- thoroughly flush contaminated casing with 500-ppm available chlorine solution. Prepare this solution by mixing 1.2 ounces of this product with 10 gallons of water. Backwash the well to increase yield and reduce turbidity, adding sufficient chlorinating solution to the backwash to produce a 10 ppm available chlorine residual, as determined by a chlorine test kit. After the turbidity has been reduced and the casing has been treated, add sufficient chlorinating solution to produce a 50-ppm available chlorine residual. After 24 hours, flush well until all traces of chlorine have been removed from the water. It may then be pumped until a representative raw water sample is obtained. Bacterial examination of the water will indicate whether further treatment is necessary. Retreat well if water samples are biologically unacceptable. Contact your local Health Department for further details.

RESERVOIRS-In case of contamination by overflowing streams, establish chlorinating stations upstream of the reservoir. Chlorinate the inlet water until the entire reservoir obtains a 0.2 ppm available chlorine residual, as determined by a suitable chlorine test kit. In case of contamination from

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surface drainage, apply sufficient product directly to the reservoir to obtain a 0.2 ppm available chlorine residual in all parts of the reservoir.

BASIN, TANKS, FLUMES, ETC.- Thoroughly clean all equipment, then apply 9 ounces of product per 10 cu. ft. of water to obtain 500 ppm available chlorine, as determined by a suitable test kit. After 24 hours drain flush and return service. If the previous method is not suitable, spray or flush the equipment with a solution containing 1.2 ounces of this product for each 5 gallon of water (1000 ppm available chlorine.) Allow to stand for 2 to 4 hours, flush and return to service.

FILTERS- When the sand filter needs replacement, apply 16 ounces of this product for each 150 to 200 cubic feet of sand. When the filter is severely contaminated, additional product should be distributed over the surface at the rate of 16 ounces per 20 sq. ft. Water should stand at a depth of 1 foot above the filter bed for 4 to 24 hours. When filter beds can be back-washed of mud and silt, apply 16 ounces of this product per each 50 sq. ft., allowing the water to stand at a depth of 1 foot above the filter sand. After 30 minutes, drain water to the level of the filter. After 4 to 6 hours drain, and proceed with normal back-washing.

DISTRIBUTION SYSTEM-flush repaired or replaced section with water. Establish a chlorinating station and apply sufficient product until a consistent available chloring residual of a least 10 ppm (as measured by a chloring test kit) remains after a 24 retention time.

**EMERGENCY DISINFECTION AFTER FIRES:** 

CROSS CONNECTIONS OR EMERGENCY CONNECTIONS- Set up a chlorine feed system near in the intake of the untreated water supply. Add 1.3 ounces of this product per 1.000 gallons of water until a chlorine residual of at least 0.2 ppm (as measured by a chlorine test kit) at the point where the untreated supply enters the regular distribution system.

EMERGENCY DISINFECTION AFTER DROUGHT:

SUPPLEMENTARY WATER SUPPLIES-A chlorine feed system should be set up on the supplementary water line. This product should be added at 0.7 ounces per 1,000 gallons until a minimum chlorine residual of 0.2 ppm (as measured by a chlorine test kit) is achieved. The water should be held for 20 minutes before use.

WATER SHIPPED IN BY TANKS, TANK CARS, ETC.Thoroughly clean all containers and equipment. Spray a
500 ppm available chlorine solution and rinse with potable
water after 5 minutes. This solution is made by mixing 1.2
ounces of this product for each 5 gallons of water. During
the filling of the containers, dose with sufficient amounts of
this product to provide at least a 0.2 ppm chlorine residual,
as measured by a chlorine test kit.

#### **EMERGENCY DISINFECTION AFTER MAIN BREAKS:**

MAINS-Before assembly of the repair section, flush out mud and soil. Permit a water flow of at least 2.5 feet per minute to continue under pressure while injecting this product by means of chlorinator. Stop water flow when a chlorine residual test of 50 ppm is obtained at the low pressure end of the new main section after a 24 hour retention time. When chlorination is completed, the system must be flushed free of all heavily chlorinated water.

EPA Reg. No. 69470-30 EPA Est. No. 69470-WV-2



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IN CASE OF EMERGENCY, CONTACT CHEMTREC (800) 424-9300

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