

PM 32 5185-144

10114

BIOGUARD
MASTER TRICHLORO
COMPACTED

ACTIVE INGREDIENT:

Trichloro-s-triazinetrione	99.0%
Inert	1.0%
TOTAL INGREDIENTS	100.0%
(Available Chlorine: 91%)	

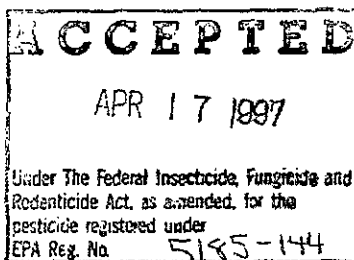
DANGER
KEEP OUT OF THE REACH OF CHILDREN

STATEMENTS OF PRACTICAL TREATMENT: IF CONTACT WITH EYES OCCURS: Immediately flush with cold water for at least 15 minutes. Then get immediate medical attention. IF CONTACT WITH SKIN: Brush off excess chemical and flush skin with cold water for at least 15 minutes. If irritation persists, get medical attention. IF INHALED: Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If not breathing, give artificial respiration. Call a physician immediately. IF SWALLOWED: Drink large amounts 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 contraindicate the use of gastric lavage. IN CASE OF MEDICAL EMERGENCY, CALL 1-303-623-5716.

See back panel for additional precautionary statements.

MANUFACTURED BY:
BIOLAB, INC.
DECATUR, GEORGIA

EPA REG. # 5185-144
EPA EST. # 5185-GA-1



2014

FOR GENERAL POOL SANITIZING:

This product is an effective type of stabilized chlorine disinfecting agent when used as directed. This slow dissolving product releases sufficient chlorine to reduce the growth of harmful algae and micro-organisms in your pool.

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 40-50 ppm to reduce the degradative effects of sunlight upon the chlorine residual. Superchlorinate the pool so that a chlorine residual of between 1-3 ppm is obtained. When using other products as outlined in directions for this product, always follow directions on those products.

FOR USE IN AUTOMATIC CHLORINATORS AND FLOATERS:

This product can be used in proportioning mechanisms such as automatic chlorinators and floaters as a maintenance treatment. Fill unit with this product and adjust the feeding mechanism to assure a constant treatment level of 1-3 ppm available chlorine in the pool water. Normally 1-2 ounces of this product per 10,000 gallons daily. Use a test kit to monitor chlorine levels and adjust the chlorine feed mechanism as needed. Check and refill chlorinator as needed. Do not let this product come in direct contact with vinyl liners or other bleachable surfaces as damage may occur.

FOR USE IN SKIMMERS:

This product may be used in plastic skimmers only if skimmer and the piping between skimmer and pump are plastic. Do not add other chemicals through the skimmer when using this product in skimmer as an explosion or fire may result. Do not turn pump off for more than 8 hours in vinyl pools when pucks are in skimmer. Initially add one of this product per 10,000 gallons of water. Add additional product as determined by a test kit to maintain available chlorine levels of 1-3 ppm.

FLOATER USE:

This product regulates the chlorine that sanitizes your pool. When used as directed, this product controls algae and micro-organisms in your pool for several weeks.

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 40-50 ppm to reduce the degradative effects of sunlight upon the chlorine residual. Superchlorinate the pool so that a chlorine residual of between 1-3 ppm is obtained. When using other products as outlined in directions for this product, always follow directions on those products.

Floater is marked in gallons increments from 5,000 to 40,000 gallons. To use, cut off all feeder nubs on both sides of cartridge up to and including the one corresponding to your pool's size. If pool is between sizes marked, open next higher nubs. Use a sharp knife and cut in direction away from your body and limbs. Make certain holes are wide open to allow water to flow through freely.

Place floater with open holes in center of the pool. After 24 hours check residual chlorine level with a test kit. If residual chlorine level is below 1.0 ppm cut-off one additional nub until chlorine stabilizes at 1-3 ppm. If the residual chlorine is too high, seal one set of holes with waterproof plastic tape. When ready for replacement, this product will float on its side.

Do not completely submerge floater, allow to sink or allow holes to become clogged. This could trap excess amount of chlorine gas possibly resulting in a violent explosion. Do not attempt to open or refill this product.

AUTOMATIC CHLORINATORS (E TYPE CANISTER):

This product when used as directed, automatically releases the correct amount of chlorine to sanitize your pool. This reduces the growth of harmful algae and micro-organisms in your pool for several weeks. This product is not a floating device and is only to be used with automatic chlorinating systems such as a refill for automatic chlorinating systems using the Type "E" refill cartridge.

DIRECTIONS FOR USE: It is a violation of federal law to use this product in any 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 40-50 ppm cyanuric acid to reduce the degradative effects of sunlight upon the chlorine residual. Superchlorinate the pool so that a chlorine residual of between 1-3 ppm is obtained. When using other products as outlined in directions for this product, always follow directions on those products. Do not attempt to open or refill this cartridge. Punch out numbered hole in cartridge corresponding to pool size as indicated below. Use a large nail, sharp knife or similar tool for this purpose. Place cartridge on a solid surface and work carefully to avoid injury.

Pool Capacity in Gallons	Open Hole Number.
10,000.....	1
20,000.....	2
30,000.....	3
40,000.....	4
50,000.....	5
60,000.....	6

For pools of intermediate size, open hole for next larger capacity. (Example: for 25,000 gallon pool, open hole number 3.) For pools larger than 60,000 gallons, use 2 (or more) cartridges and divide the number of holes to opened equally among them. (Example: For 80,000 gallon pool, use 2 cartridges and open hole #4 on each.) Place cartridge (or cartridges) in chlorinator (follow equipment manufacturer's directions for installation of the Type "E" cartridge) and wait for 24 hours. Test pool after 24 hours. Check chlorine level with test kit. Correct range should be 1-3 ppm. If level is below 1 ppm, punch out next higher number. If level is above 3 ppm, cover highest hole with water proof tape. Make additional adjustments as required to maintain a 1-3 ppm chlorine level.

UNIVERSAL CANISTER FOR AUTOMATIC CHLORINATORS: EZ CLOR, CLOR-TROL 1200, FOXAMATIC /ANTHONY T-120

This product when used as directed, continuously releases the correct amount of chlorine to sanitize your pool. This reduces the growth of harmful algae and micro-organisms in your pool for several weeks. This product is to be used with automatic chlorinating systems or as a floater.

DIRECTIONS FOR USE: It is a violation of federal law to use this product in any 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 40-50 ppm cyanuric acid to reduce the degradative effects of sunlight upon the chlorine residual. Superchlorinate the pool so that a chlorine residual of between 1-3 ppm is obtained. When using other products as outlined in directions for this product, always follow directions on those products

ALL CHLORINATORS EXCEPT CLOR-TROL 1200 and ANTHONY T-120.

Unscrew cap and remove cap liner exposing slits. Place cap liner in a dry, clean empty plastic bag. Save cap liner for possible use of the canister as a vacation floater. Screw cap back on canister. Punch out numbered hole in canister corresponding to pool size as indicated below. Make sure holes are punched out completely. Place canister on a solid surface and work carefully to avoid injury.

Pool Capacity in Gallons	Open Hole Number.
12,000.....	1
15,000.....	2
18,000.....	3
21,000.....	4
24,000.....	5

For pools of intermediate size, open hole for next larger capacity. For pools larger than 24,000 gallons, use 2 (or more) cartridges and divide the number of holes to be opened equally among them. (Example: For 42,000 gallon pool, use 2 cartridges and open hole #4 on each.) Place canister or canisters in chlorinator and wait for 24 hours. Then check chlorine level with test kit. Correct range should be 1.0-3.0 ppm. If residual level is above 3.0 ppm, wait 24 hours and recheck.

CLOR-TROL 1200 AND ANTHONY T-120 CHLORINATORS

Unscrew cap and remove cap liner exposing slits. Place cap liner in a dry, clean empty plastic bag. Save cap liner for possible use of the canister as a vacation floater. Screw cap back on canister. Punch out only hole numbered "A" in canister. Place canister on a solid surface and work carefully to avoid injury. Place canister or canisters in chlorinator and wait for 24 hours. Then check chlorine level with test kit. Correct range should be 1.0-3.0 ppm. If residual level is above 3.0 ppm, wait 24 hours and recheck. Adjust the chlorine output by raising or lowering the canister in the chlorinator using the stair step treads provided.

CHLORINATOR CANISTER AS VACATION FLOATER

In white plaster pools only, the chlorinator canister can be used to treat your pool when away on a trip without leaving the pump running. This canister flips on its side when empty. Remove canister from chlorinator and unscrew cap and replace cap liner. Punch holes #1 and #2 if not already punched. Place canister in center of pool.

AIR WASHER SYSTEMS:

This product may be used to control the growth of slime-forming bacteria, fungi, and algae.

DIRECTIONS FOR USE:

It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

If the system noticeably fouled, drain, clean and refill prior to initial treatment. Add sufficient amount of this product to achieve a chlorine residual level of up to 3 ppm or as needed to maintain control of the system.

SEWAGE SYSTEMS:

When used as directed, this product effectively controls algal, bacterial, and fungal slime in sewage systems including leach fields, tank lines, lagoons, and sewage effluent water, sewers, sewage effluent water, cesspools, septic tanks, sewage settling ponds, sludge beds, storm drains, and street culverts.

DIRECTIONS FOR USE:

It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

The amount of this product necessary to disinfect depends on the concentration and conditions of the final effluent. Raw sewage should be treated before it has reached the septic state. Approximately 30% of the chlorine demand of sewage is due to settled solids, 30% to dissolved solids and 40% to suspended and colloidal solids. Disinfection should be based on laboratory checks, including bacteriological checks, as a safeguard. Generally, disinfection can be achieved when the chlorine residual (after 15 to 30 minutes contact time) is between 0.6 and 1.0 ppm. Residual chlorine and time of contact can be used as the determining factors to assure disinfection. These factors can be used after experience with different types of treated sewage is sufficient to establish a relationship between the residual chlorine content of the final effluent and the contact time necessary to ensure the desired bacteriological results. Bacteriological testing should be conducted periodically to ensure that conditions have not changed. Treat sewage near the influent detention basin. The feed rate for this product must be adjusted to the higher dosages usually required for sewage practices. Where temporary disinfection prior to dilution in a body of water is desired, the following will generally suffice: Raw sewage - 10 to 30 ppm available chlorine; Primary treated sewage - 5 to 20 ppm available chlorine; Sewage after primary and secondary treatment (or secondary treatment alone) - 2 to 5 ppm. Confirm the efficacy of these levels using bacteriological testing in your system.

PASTEURIZERS/WARMER/CANNERY COOLING WATER SYSTEMS

When used as directed, this product effectively controls algal, bacterial, and fungal slime in brewery pasteurizer water, brewery processing water, brewery warmer water, cannery cooling canal water, cannery package warmers, cannery pasteurizer water, and retort cooling water.

DIRECTIONS FOR USE:

It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

If the system noticeably fouled, drain, clean and refill prior to initial treatment. Add sufficient amount of this product to achieve a chlorine residual level of up to 3 ppm or as needed to maintain control of the system.

ONCE-THROUGH COOLING WATER SYSTEMS

When used as directed, this product effectively controls algal, bacterial and fungal slime in open or closed-cycle, fresh or salt water, once-through cooling systems. Add this product to the system inlet water or before any other contaminated area in the system.

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.

Add sufficient amount of this product to achieve a chlorine residual level of up to 3 ppm or as needed to maintain control of the system.

RECIRCULATING COOLING WATER SYSTEMS

When used as directed, this product effectively controls algal, bacterial, and fungal slime in commercial and industrial cooling towers, evaporative condensers, industrial water scrubbing systems, cooling ponds, influent water systems including flow through filters and lagoons, heat exchangers, industrial water scrubbing systems.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

Add sufficient amount of this product to achieve a chlorine residual level of up to 3 ppm or as needed to maintain control of the system.

COMMERCIAL AIR CONDITIONER/REFRIGERATION CONDENSATE AND DEHUMIDIFIER BASINS OR DRIP PANS

When used as directed, this product effectively controls algal, bacterial, and fungal slime in air conditioner/refrigeration condensate water systems (air conditioner water, pan coil drain water, refrigeration water, evaporative cool pads and air conditioner vats and dehumidifier basins).

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.

Place this product in the basin or drip pan close to the outlet drain. Add this product as necessary to maintain the cleanliness of the system. The amount of this product needed will vary with temperature, humidity, and condensate volume.

Add this product to maintain up to 3 ppm chlorine residual at the injection point in the disinfection contact chamber. Adjust the dosage to achieve disinfection and minimize the halogen concentration at the exit of the contact chamber.

WASTEWATER TREATMENT SYSTEMS

When used as directed, this product effectively controls algal, bacterial and fungal slime and offers rapid disinfection of primary, secondary and tertiary wastewater treatment systems.

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.

Add this product to maintain up to a 3 ppm chlorine residual at the injection point in the disinfection contact chamber. Adjust the dosage to achieve disinfection and minimize the halogen concentration at the exit of the contact chamber.

PULP AND PAPER MILLS

When used as directed this product effectively controls algal, bacterial, and fungal slime in pulp and paper mill fresh and sea water influent water systems; cooling water systems, wastewater treatment systems, service water systems, white water systems, and other process water.

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: Either one or both of the following treatment methods may be included on the label]

TREATMENT BY SYSTEM VOLUME When a system is noticeably fouled: add 0.7 to 7 ounces of this product to 1,000 gallons of water in the system. When biological control is evident: add 0.7 to 5 ounces of this product to 1,000 gallons of water in the system.

TREATMENT BY RESIDUAL METHOD Add sufficient amount of this product to maintain a measured residual up to 3 ppm as chlorine. Once biological control is evident, the use of this product normally can be reduced to something less than 1 ppm as chlorine.

[OPTIONAL STATEMENT]

An alternate method of calculating the appropriate level of this product is to estimate the paper mill's daily production, then add, over a 24 hour period, up to 255 grams (9 ounces) per dry ton of paper produced over a twenty-four (24) hour period. Test for chlorine to verify the level of 3 ppm is not being exceeded.

TRANSPORTATION CLEANING:

When used as directed, this product effectively control algal, bacterial and fungal slime in automobile wash water systems. Badly fouled systems should be cleaned before treatment is begun.

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.

If a heavily fouled system exists and physical cleaning is not possible, add sufficient amount of this product to water to maintain a measured residual of 2.5 - 10 ppm available chlorine (1.4 ounces of this product per 1,000 gallons of water) for two weeks. Then reduce to maintenance levels. Effective control under normal circumstances is maintained by adding sufficient amount of this product to water to maintain 1.25 - 5 ppm available chlorine.

COMMERCIAL, INDUSTRIAL, AND INSTITUTIONAL PREMISES AND EQUIPMENT (NON-MEDICAL) SANITIZATION OF NONPOROUS NON-FOOD CONTACT SURFACES

When used as directed this product may be use to sanitize nonporous non-food contact surfaces for commercial, industrial, and institutional premises and equipment including meat, milk, poultry, beverage, fish, and food processing plant premises. Remove gross filth or heavy soil and thoroughly clean with a suitable cleaner prior to use of this product.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

RINSE METHOD: Clean equipment in the normal manner. Add sufficient amount of this product to water to prepare a 100 ppm available chlorine sanitizing solution. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. Do not rinse equipment with water after treatment and do not soak equipment in solution overnight.

IMMERSION METHOD: Clean equipment in the normal manner. Add sufficient amount of this product to water to prepare a 100 ppm available chlorine sanitizing solution. Prior to use, immerse equipment in the sanitizing solution for at least 2 minutes and allow the sanitizer to drain. Do not rinse with water after treatment.

SPRAY/FOG METHOD: Preclean all surfaces before use. Add sufficient amount of this product to water to prepare a 100 ppm available chlorine sanitizing solution. Use spray or fogging equipment that can resist chlorine solutions. Prior to using equipment thoroughly spray or fog all area for at least 2 hours.

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**COMMERCIAL, INDUSTRIAL, AND INSTITUTIONAL PREMISES AND EQUIPMENT (NON-MEDICAL)
DISINFECTION OF NONPOROUS NON-FOOD CONTACT SURFACES**

When used as directed this product may be use to disinfect nonporous non-food contact surfaces for commercial, industrial, and institutional premises and equipment including meat, milk, poultry, beverage, fish, and food processing plant premises. Remove gross filth or heavy soil and thoroughly clean with a suitable cleaner prior to use of this product.

DIRECTIONS FOR USE:

It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

RINSE METHOD: Clean equipment surfaces in the normal manner. Add sufficient amount of this product to water to prepare a disinfecting solution of approximately 600 ppm available chlorine by weight. Prior to use, rinse all surfaces thoroughly with the disinfecting solution, maintaining contact with the disinfectant for at least 10 minutes. Do not rinse equipment with water after treatment and do not soak equipment in solution overnight.

IMMERSION METHOD: Clean equipment in the normal manner. In an immersion tank, add sufficient amount of this product to water to prepare a disinfecting solution containing 600 ppm available chlorine by weight. Prior to use immerse equipment in the disinfecting solution for at least 10 minutes and allow the sanitizer to drain. Do not rinse equipment with water after treatment.

**COMMERCIAL, INDUSTRIAL, AND INSTITUTIONAL PREMISES AND EQUIPMENT (NON-MEDICAL)
SANITIZATION OF POROUS FOOD CONTACT SURFACES**

When used as directed this product may be used to sanitize porous food contact surfaces for commercial, industrial, and institutional premises and equipment including meat, milk, poultry, beverage, fish, and food processing plant premises. Remove gross filth or heavy soil and thoroughly clean with a suitable cleaner prior to use of this product.

DIRECTIONS FOR USE:

It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

RINSE METHOD: Clean equipment surfaces in the normal manner. Add sufficient amount of this product to water to prepare a sanitizing solution of 100 ppm available chlorine. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. Do not rinse equipment with water after treatment and do not soak equipment overnight. Sanitizers used in automated systems may be used for general cleaning but may not be re-used for sanitizing purposes.

IMMERSION METHOD: Clean equipment in the normal manner. Add sufficient amount of this product to water to prepare a sanitizing solution of 100 ppm available chlorine. Prior to use, immerse equipment in the sanitizing solution for at least 2 minutes and allow the sanitizer to drain. Do not rinse equipment with water after treatment. Sanitizers used in automated systems may be used for general cleaning but may not be re-used for sanitizing purposes.

FLOW/PRESSURE METHOD: Disassemble equipment and thoroughly clean after use. Assemble equipment in operating position prior to use. Add sufficient amount of this product to water to prepare a volume of a 100 ppm available chlorine sanitizing solution equal to 110% of volume capacity of the equipment. Pump solution through the system until full flow is obtained at all extremities, the system is completely filled with the sanitizer and all air is removed from the system. Close drain valves and hold under pressure for at least 2 minutes to ensure contact with all internal surfaces. Rinse system with potable water prior to use.

CLEAN-IN-PLACE METHOD: Thoroughly clean equipment after use. Add sufficient amount of this product to water to prepare a volume of a 100 ppm available chlorine sanitizing solution equal to 110% of volume capacity of the equipment. Pump solution through the system until full flow is obtained at all extremities, the system is completely filled with the sanitizer and all air is removed from the system. Close drain valves and hold under pressure for at least 20 minutes to ensure contact with all internal surfaces. Rinse system with potable water prior to use.

SPRAY/FOG METHOD: The spray (or fog) method is generally preferred for the treatment of large, non-porous surfaces that have already been cleaned of dirt and other filth. Use a 100 ppm available chlorine solution to control bacteria, mold or fungi. If possible, use pressure spraying or fogging equipment designed to resist chlorine-containing solutions (e.g., rubber-coated, plastic or stainless steel). When using any other kind of spraying equipment, be sure to empty and rinse thoroughly with fresh water immediately after use. Thoroughly spray or fog all surfaces until wet, allowing excess sanitizer to drain. Vacate area for at least 2 hours. Prior to using equipment, rinse all surfaces treated with a 100 ppm solution.

**COMMERCIAL, INDUSTRIAL, AND INSTITUTIONAL PREMISES AND EQUIPMENT (NON-MEDICAL)
SANITIZATION OF POROUS NON-FOOD CONTACT SURFACES**

When used as directed this product may be used to sanitize porous food contact surfaces for commercial, industrial, and institutional premises and equipment including meat, milk, poultry, beverage, fish, and food processing plant premises. Remove gross filth or heavy soil and thoroughly clean with a suitable cleaner prior to use of this product.

DIRECTIONS FOR USE:

It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

RINSE METHOD: Clean surfaces in the normal manner. Add sufficient amount of this product to water to prepare a sanitizing solution of 100 ppm available chlorine. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizing solution maintaining contact with the sanitizer for at least 2 minutes. Do not rinse equipment with water after treatment and do not soak equipment overnight.

IMMERSION METHOD: Clean equipment in the normal manner. Add sufficient amount of this product to water to prepare a sanitizing solution of 100 ppm available chlorine. Prior to use immerse equipment in the sanitizing solution for at least 2 minutes and allow the sanitizer to drain. Do not rinse equipment with water after treatment.

SPRAY/FOG METHOD: The spray (or fog) method is generally preferred for the treatment of large, non-porous surfaces that have already been cleaned of dirt and other filth. After cleaning, sanitize non-food contact surfaces with a solution containing 100 ppm available chlorine in water. Use spray or fogging equipment that can resist chlorine solutions. Always empty and rinse spray or fog equipment with potable water after use. Prior to using equipment, thoroughly spray or fog all surfaces until wet, allowing excess sanitizer to drain. Vacate area for at least 2 hours. Use a solution containing 100 ppm available chlorine to sanitize precleaned surfaces. All solutions should be freshly prepared. Keep in properly labeled containers to protect against contamination. Unused solution should be discarded and the container rinsed well. Treatment of porous surfaces, such as grout or scarred surfaces, may require a higher concentration of this product than non-porous surfaces, such as porcelain, metal or tile. Prepare a solution according to the directions for use above. If possible, use pressure spraying or fogging equipment designed to resist chlorine-containing solutions (e.g., rubber-coated, plastic or stainless steel). When using any other kind of spraying equipment, be sure to empty and rinse thoroughly with fresh water immediately after use. Thoroughly spray all surfaces to be treated. If fogging, make certain that all surfaces are wetted by the mist. Allow excess solution to drain thoroughly. Allow solution to remain in contact with the surfaces for 10 minutes and air dry.

MOP, SPONGE, BRUSH, OR CLOTH METHOD: Add sufficient amount of this product to water to prepare a fresh solution containing 100 ppm available chlorine. Thoroughly wet all surfaces generously with the solution. Allow solution to remain in contact with the surfaces for 10 minutes and air dry.

SANITIZING RINSE FOR ANIMAL PREMISE USE.

This product is recommended for use in animal quarters, kennels and poultry facilities for sanitization of animal cages, feeding and watering equipment, utensils, and other types of equipment used in handling and housing animals and poultry. Remove all animals, poultry and feed from premises. Remove all litter and manure from hard surfaces to be sanitized.

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.

Thoroughly clean all surfaces with soap or detergent and rinse with water. Prepare a fresh solution containing 100 ppm available chlorine. Saturate all surfaces with sanitizing solution by immersion, cloth brush, mechanical spray device or other suitable means for at least one minute. Do not house animals or poultry, or employ equipment until halogen (odor) has dissipated. All feeder and watering equipment should be rinsed with potable water before reuse. The sanitizing solution should be used promptly after mixing. It should be prepared daily or more often if the solution becomes diluted or soiled. If sanitizing use-solution is allowed to stand and or the concentration level of active ingredient has not been maintained, add more of this product to maintain a use-solution concentration of at least 100 ppm chlorine.

OIL RECOVERY DRILLING MUDS AND PACKER FLUIDS:

When used as directed, this product will control the growth of bacteria such as: anaerobic sulfate-forming bacteria (*Desulforibrio cesulfuricans*) and aerobic slime-forming bacteria (*Pseudomonas sp.* and *Bacillus sp.*) which impair the efficiency of the muds and fluids.

DIRECTIONS FOR USE:

It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

Add this product directly to the drilling muds and packer fluids to obtain a level of 80 to 800 ppm available chlorine, depending on the severity of the problem. Fracturing fluids may be added and premixed prior to the fracturing operation or may be added directly by means of a proportioning pump to the blender during the operation. Check the chlorine levels periodically as many muds and fluids are unstable upon standing.

SECONDARY OIL RECOVERY SYSTEMS:

This product may be used in secondary oil recovery water systems, such as oil field water flood or salt water disposal systems for the control of sulfate-reducing bacteria and aerobic slime forming bacterial, which impair the efficiency of the system.

DIRECTIONS FOR USE:

It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

Thoroughly clean badly fouled systems by suitable means prior to the addition of this product. Add this product to obtain between 100 and 250 ppm available chlorine and repeat until control is achieved. Once control has been achieved add this product to maintain between 25 and 125 ppm available chlorine to control the formation of slime causing microbial contamination. Monitor the available chlorine daily and add this product as needed.

BATHROOM SANITIZATION:

This product may be used to sanitize bathroom premises (floors, walls, sinks, bathtubs, shower stalls, toilet seats, toilet bowl surfaces, urinals, and fixtures). Remove gross filth or heavy soil and thoroughly clean with a suitable cleaner prior to use of this product.

DIRECTIONS FOR USE:

It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

Add sufficient amount of this product to water to prepare a solution containing 100 ppm available chlorine to sanitize pre-cleaned surfaces. All solutions should be freshly prepared. Keep in properly labeled containers to protect against contamination. Unused solution should be discarded and the container rinsed well. Treatment of porous surfaces, such as grout or scarred surfaces, may require a higher concentration of this product than non-porous surfaces, such as porcelain, metal or tile. Do not rinse after sanitization.

BATHROOM DISINFECTION:

This product may be used to disinfect and control mold and mildew on bathroom premises (floors, walls, sinks, bathtubs, shower stalls, toilet seats, toilet bowl surfaces, urinals, and fixtures). Remove gross filth or heavy soil and thoroughly clean with a suitable cleaner prior to use of this product.

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

Add sufficient amount of this product to water to prepare a solution containing 600 ppm. All solutions should be freshly prepared. Keep in properly labeled containers to protect against contamination. Unused solution should be discarded and the container rinsed well. Treatment of porous surfaces, such as grout or scarred surfaces, may require a higher concentration of this product than non-porous surfaces, such as porcelain, metal or tile. Do not rinse after sanitization. Allow solution to remain in contact with surfaces for at least 10 minutes. Surfaces may then be rinsed to avoid metal corrosion.

REFUSE/SOLID WASTE CONTAINERS

When used as directed, this product may be used to sanitize refuse/solid waste containers.

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.

Remove gross filth or heavy soil and thoroughly clean with a suitable cleaner prior to use of this product. Add sufficient amount of this product to water to prepare a solution of 70 ppm available chlorine. All solutions should be freshly prepared. Keep in properly labeled containers to protect against contamination. Unused solution should be discarded and the container rinsed well. Treatment of porous surfaces, such as grout or scarred surfaces, may require a higher concentration of this product than non-porous surfaces, such as porcelain, metal or tile. Do not rinse after sanitization.

NON-POTABLE WATER

When used as directed, this product effectively controls algal, bacterial, and fungal slime in non-potable water.

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.

Add 0.03 ounces of this product to 3 gallons of water to sanitize non-potable water. All solutions should be freshly prepared. Unused solution should be discarded and the container rinsed well.

LAKES, PONDS, RESERVOIRS, ORNAMENTAL PONDS AND FOUNTAINS (W/O HUMANS OR WILDLIFE)

When used as directed, this product effectively controls algal, bacterial, and fungal slime in lakes, ponds, reservoirs, ornamental ponds and fountains.

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 equipment is working properly. Backwash the filter (if present) following manufactures directions. Adjust pH to between 7.2-7.6. Add sufficient amount of this product to achieve a residual chlorine level of up to 3 ppm or as needed to maintain control of the system.

TOILET BOWL WATER SANITIZER AND CLEANER

Keeps bowl fresh and clean. Fights stain build-up. Consistent release formula. Kills 99.9% of all odor-causing germs in the bowl water. Continuous real bleach cleaning and deodorizing. Safe for use around children and pets. Tablet wrapped for skin protection. Child Resistant Package. Harmless to plumbing or septic tanks. Phosphate Free. Contains No Dyes. Safe for Colored Toilets.

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 best results, start with a clean bowl. Remove toilet tank top. Peel blister from card OR using scissors cut open blister. **DO NOT REMOVE PROTECTIVE WRAPPER** from tablet -- it will dissolve in tank. Flush toilet. When water level is low and valve is closed, drop tablet in tank near the right sidewall and not near the water inlet. (See diagram). No removal necessary. When tablet is gone, add a new tablet to your tank. This product should be used in toilets that are flushed daily.

HOUSEHOLD LAUNDRY SANITIZERS

This product may be used to sanitize household laundry (that is, washable fabrics such as clothing, linens, sheets, towels, blankets, uniforms, etc.).

DIRECTIONS FOR USE:

It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

IN SOAKING SUDS: Dissolve sufficient amount of this product in wash water to provide 200 ppm available chlorine. Wait 5 minutes, then add soap or detergent. Immerse laundry for at least 11 minutes prior to starting the wash/rinse cycle.

IN WASHING SUDS: Dissolve sufficient amount of this product in wash water containing clothes to provide 200 ppm available chlorine. Wait 5 minutes, then add soap or detergent and start the wash/rinse cycle.

LAUNDRY SANITIZATION (HOSPITALS, COMMERCIAL AND INSTITUTIONAL):

This product may be used to sanitize laundry (that is, washable fabrics such as clothing, linens, sheets, towels, blankets, uniforms, etc.) in commercial, institutional, and medical establishments, such as schools, restaurants, hotels, motels, athletic facilities, and hospitals.

DIRECTIONS FOR USE:

It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

Add sufficient amount of this product to water to prepare a sanitizing solution in the washing machine of 100 ppm available chlorine. Wet fabrics should be spin dried before adding solution. Add the solution, prepared according to the directions in the preceding paragraph, in the pre-wash cycle, followed by the regular wash cycle with a good detergent. Use prepared solution promptly after mixing.

INDUSTRIAL PROCESSING WATER:

When used as directed, this product effectively controls algal, bacterial and fungal slime in industrial processing water (immersion ultrasonic tank water, leather processing water, hide-brine curing solutions, photo processing wash water, photographic rinse tanks).

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.

The system should first be properly cleaned following manufacturer's instructions. Add this product up to 3 ppm in small increments until growth is controlled. It is intended that up to 3 ppm of residual chlorine be introduced into the water supply line. Actual use will depend on the amount of biological fouling. A chlorine test kit should be used to periodically test the water in the wash tanks. If a residual above 3 ppm is indicated, the feed rate of this product should be reduced.

HATCHERY EQUIPMENT AND POULTRY HOUSES:

This product may be used to sanitize poultry houses and equipment such as hatchers, incubators, brooders, setters, trays, cages, coops, crates, feeding, and watering equipment and other equipment found on these premises. No food tolerance has been established for this product and contamination of animal food or feed by residues of this product must be strictly avoided.

DIRECTIONS FOR USE:

It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

Add sufficient amount of this product to water to prepare a solution of 100 ppm available chlorine. Remove all poultry and feeds from premises, trucks, coops, and crates. Remove all litter and droppings from floors, walls, and surfaces of facilities occupied or traversed by poultry. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with the solution from Step 1 for a period of ten minutes. Let air dry. Ventilate buildings, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water prior to reuse.

FARM PREMISES AND EQUIPMENT:

This product may be used to sanitize farm premises, barns, and equipment such as halters, ropes and other types of equipment found on farms. No food tolerance has been established for this product and contamination of animal food or feed by residues of this product must be strictly avoided.

DIRECTIONS FOR USE:

It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

Add sufficient amount of this product to water to prepare a solution of 100 ppm available chlorine for sanitization or a solution of 1000 ppm for disinfection. Remove all animals and feeds from premises, trucks, coops, and crates. Remove all litter and manure from floors, walls, and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate all surfaces with the solution from Step 1 for a period of ten minutes. Let air dry. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrappers used for removing litter and manure.

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Ventilate buildings, cars, boats, and other closed spaces. Do not house animals or employ treated equipment until treatment has been absorbed, set or dried. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water prior to reuse.

HOSPITAL PREMISES AND EQUIPMENT: For use in hospitals, nursing homes, doctor and dentist offices, laboratories, sanitariums, and other medical facility premises. This product may be used to sanitize floors, walls, ceilings, fixtures, environmental and other hard surfaces, furniture, bedframes, telephones, tables, carts, physical therapy equipment, bedpans, basins, and janitorial equipment. Not intended for use on hospital conductive floors.

DIRECTIONS FOR USE:

It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

Add sufficient amount of this product to water to prepare solution containing 100 ppm available chlorine for sanitizing precleaned equipment and utensils. All sanitizing solutions should be freshly prepared. Keep in properly labeled containers to protect against contamination. Unused solution should be discarded and the container rinsed well. Remove gross filth or heavy soil and thoroughly clean with a suitable cleaner prior to use of this product.

SPRAY METHOD: The spray (or fog) method is generally preferred for the treatment of large, non-porous surfaces that have already been precleaned. If possible, use pressure spraying or fogging equipment designed to resist chlorine-containing solutions (e.g., rubber-coated, plastic or stainless steel). When using any other kind of spraying equipment, be sure to empty and rinse thoroughly with fresh water immediately after use. Thoroughly spray all surfaces to be treated. If fogging, make certain that all surfaces are wetted by the mist. Allow excess solution to drain thoroughly. Do not rinse surfaces after sanitization. Allow solution to air dry.

MOP SPONGE, BRUSH, OR CLOTH METHOD: Thoroughly wet all surfaces generously with the solution. Do not rinse surfaces after sanitization. Allow solution to air dry.

(The following statement is for use on products with swimming pool use directions.)
Reentry into treated swimming pools is prohibited above levels of 3 ppm chlorine due to risk of body injury.

STORAGE AND DISPOSAL Keep this product dry in original tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. Moisture may decompose this product and cause a violent reaction leading to fire and explosion. In case of decomposition, isolate container if possible and flood area with large amounts of water to dissolve all material before discarding this container. Do not contaminate food or feed by storage or disposal. **CONTAINER DISPOSAL:** Do not reuse container, but place in trash collection. Rinse thoroughly before discarding in trash.

STORAGE AND DISPOSAL (Household Uses) Store in a cool dry place. Do not open package until ready to use. Keep away from children.

STORAGE (Pails, drums, bags) Keep this product dry in original tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. Moisture may decompose this product and cause a violent reaction leading to fire and explosion. In case of decomposition, isolate container if possible and flood area with large amounts of water to dissolve all material before discarding this container. Do not contaminate food or feed by storage or disposal.

DISPOSAL. (Pails/drums) Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **DO NOT REUSE EMPTY CONTAINER.** Triple rinse the container (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate. Burn only if allowed by state and local authorities. If burned, stay out of smoke.

DISPOSAL. (Bags) Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER: Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or safety glasses and rubber gloves when handling this product. Irritating to nose and throat. Avoid breathing dust and fumes. Remove and wash contaminated clothing before reuse.

PHYSICAL OR CHEMICAL HAZARDS (Household Use) DANGER: STRONG OXIDIZING AGENT: Do not mix with other chemicals. Do not use with other cleaning or household chemicals including acids and ammonia.

PHYSICAL OR CHEMICAL HAZARDS (Pails, drums, bags) **STRONG OXIDIZING AGENT:** Do not mix with other chemicals. Mix only with water. Never add water to product. Always add product to large quantities of water. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter or other chemicals will start a chemical reaction and generate heat, hazardous gas, possible fire and explosion. In case of contamination or decomposition, do not reseal container. If possible, isolate container in open air or well ventilated area. Flood area with large volumes of water.

ENVIRONMENTAL HAZARDS This pesticide is toxic to fish and aquatic organisms. 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 to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

NOTE: Buyer assumes all responsibility for safety and use not in accordance with directions.

[OPTIONAL TEXT #1]

HOW TO CALCULATE POOL CAPACITY

Shape of Pool Gallons of water

Rectangular Average depth x average length x average width x 7.5

Circular Diameter x diameter x average depth x 5.9

Oval Full width x full length x average depth x 6.7

Irregular Consult pool builder

[OPTIONAL TEXT #2]

CONVERSION FACTORS

(The following conversion factors may be substituted and or added as appropriate to use directions. The number of tablets may be added as appropriate.)

CUPS	TABLESPOONS	TEASPOONS	OUNCES
1	16	48	8
0.5	8	24	4
0.25	4	12	2
)	2	6	1
	1	3	0.5
		2	0.33
		1	0.17
		0.75	0.13
		0.5	0.08
		0.25	0.04

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[OPTIONAL TEXT #3]

DOSAGE CHART

(Parts of the following chart may be used as appropriate with certain label uses to give desired solutions.)

Ounces of Product	Gallons of Water	Yields Approximately this ppm Solution
0.7	1,000	5
1.4	1,000	10
0.5	50	70
0.1	10	70
0.042	3	100
0.07	5	100
0.14	10	100
0.71	50	100
0.14	5	200
0.28	10	200
0.25	3	600
0.43	5	600
4.3	50	600
0.7	5	1,000
7	50	1,000