LA CHEMCHLOR

| ACTIVE INGREDIENT: | |
|---------------------|-------|
| SODIUM HYPOCHLORITE | 12.5% |
| INERT INGREDIENTS | 87.5% |
| TOTAL | 00.0% |

DANGER

| FIRST AID | |
|---------------------------|--|
| If in eyes | Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. |
| 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 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 doctor. |
| If inhaled | If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Do not give anything by mouth to an unconscious person. |
| | HOT LINE NUMBER |

HOT LINE NUMBER

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

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

See other precautions on this label.

Corporate Headquarters:

Brenntag Pacific, Inc.

10747 Patterson Place Santa Fe Springs, California 90670 (562) 903-9626

EPA REG. NO. 66887-4

EPA EST. NO 66887-CA-009 (Fresno)

☐ 66887-CA-006 (Richmond)

LOT

Certified to NSF/ANSI Standard 60 Maximum Use for Potable Water 61 mg/liter

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage and skin burns. 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, Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the tollet. Remove and wash contaminated clothing before reuse. Avoid breathing vapors: Vacate poorty ventilated areas as soon as possible. Do not return until odors have dissipated.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into takes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or regional office of the U.S. Environmental Protection Agency.

PHYSICAL AND CHEMICAL HAZARDS

STRONG OXIDIZING AGENT: Mix only with water. Use clean 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, chlorine gas, (and possible fire and explosion). In case of contamination or decomposition, do not reseal container, if possible isolate container in open air or well ventilated areas, flood area with large volumes of water if needed.

STORAGE AND DISPOSAL

STORAGE: Store this product in a cool dry area, away from direct suntight and heat to avoid deterioration. Do not contaminate food or feed by storage, disposal or cleaning of equipment. PESTICIDE DISPOSAL: In case of spills, flood areas with large quantities of water. CONTAINER DISPOSAL: (For 55 gal, returnable drum) Reflitable container. Reflill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning this container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsale into application equipment or rinsale collection system. Repeat this rinsing procedure two more times. If container requires a deposit, return it to Brenntag Pacific Inc. or its distributor for a refund. (For less than 55 gal. nonrefillable, no deposit containers). Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container 4 full with water. Replace and lighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth, ensuring the remaining contents are final and forth several times. Empty the rinsale into application equipment or mix tank or store rinsale for later use or disposal. Repeat this procedure two more times.

WARRANTY

Seller warrants that this product conforms to the chemical description on this label and is reasonably fill for purposes stated on this label only when used in accordance with directions under normal use conditions. This warranty does not extend to use of this product contrary to label directions, or under abnormal use conditions, or under conditions nor reasonably foreseeable to seller. Seller makes no other warranties, either expressed or implied.

DIRECTIONS FOR USE

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

Note - This product degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine. This product is a broad-based sanitizer, which has many uses. For a copy of the complete usage instructions, contact Brenntag Pacific, Inc. or your Brenntag Pacific, Inc. distributor or dealer.

SWIMMING POOL WATER DISINFECTION

Do not reenter pool with a chlorine residual above at 4 ppm due to risk of bodily harm.

For a new pool or spring start-up, superchlorinate with 52 to 104 oz. of product for each 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a lest kit. Adjust and maintain pool water pH to between 7.2 and 7.6. Adjust and maintain the alkalinity of the pool to between 50 to 100 ppm.

To maintain the pool, add manually or by a feeder device, 11 oz. of this product for each 10,000 gallons of water to yield an available chlorine residual between 0.6 to 1.0 ppm by weight. Stabilized pools should maintain a residual of 1.0 to 1.5 ppm available chlorine. Test the pH, available chlorine residual and altakatinity of the water frequently with appropriate test kits. Frequency of water treatment will depend upon temperature and number of swimmers.

Every 7 days, or as necessary, superchlorinate the pool with 52 to 104 oz. of product for each 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Do not re-enter pool until the chlorine residual is between 1.0 to 3.0 ppm.

At the end of the swimming pool season or when water is to be drained from the pool, chlorine must be allowed to dissipate from treated pool water before discharge. Do not chlorinate the pool within 24 hours prior to discharge.

WINTERIZING POOLS -While water is still clear & clean, apply 3 oz. of product per 1,000 gallons, while filter is running, to obtain a 3 ppm available chlorine residual, as determined by a suitable test kit. Cover pool, prepare heater, filter and heater components for winter by following manufactures' instructions.

HYDROTHERAPY TANKS -Add 1 ez. of this product per 1,000 gallons of water to obtain a chlorine residual of 1 ppm, as determined by a suitable chlorine test kit. Pool should not be entered until the chlorine residual is below 3 ppm, Adjust and maintain the water pH to between 7.2 and 7.6. Operate pool filter continuously. Drain pool weekly and clean before refilling.

NET CONTENTS

GALLONS

SANITIZATION OF NONPOROUS FOOD CONTACT SURFACES

RINSE METHOD – A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to insure that the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly mixing 1 oz. of this product with 10 gallons of water. If no test kit is available, prepare a sanitizing solution by thoroughly mixing 2 oz. of this product with 10 gallons of water to provide approximately 200 ppm available chlorine by weight.

Clean equipment surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. If solution contains less than 50 ppm available chlorine, as determined by a suitable test kit, either discard the solution or add sufficient product to re-establish a 200 ppm residual. 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 - A solution of 100 ppm available chlorine may be used as the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to insure that the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly mixing 1 oz. of this product with 10 gallons of water. If no test kit is available, prepare a sanitizing solution by thoroughly mixing 2 oz. of this product with 10 gallons of water to provide approximately 200 ppm available chlorine by weight.

Clean equipment in the normal manner. Prior to use, immerse equipment in the sanitizing solution for at least 2 minutes and allow the sanitizer to drain. If solution contains less than 50 ppm available chlorine, as determined by a suitable test kit, either discard the solution or add sufficient product to reestablish a 200 ppm residual. 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. Prepare a volume of a 200 ppm available chlorine santitizing solution equal to 110% of volume capacity of the equipment by mixing the product in a ratio of 2 oz. product with 10 gallons of water. Pump solution through the system until full flow is obtained at all extremities, the system is completely filled with the santitizer and all air is removed from the system. Close drain valves and hold under pressure for at least 2 minutes to insure contact with all internal surfaces. Remove some cleaning solution from drain valve and test with a chlorine test kit. Repeat entire cleaning / sanitizing process if effluent contains less than 50 ppm available chlorine.

CLEAN-IN-PLACE METHOD -Thoroughly clean equipment after use, Prepare a volume of a 200 ppm available chlorine sanitizing solution equal to 110% of volume capacity of the equipment by mixing the product in a ratio of 2 oz. of product with 10 gallons of water. Pump solution through the system until full flow is obtained at all extremities, the system is completely lilled with the sanitizer and all air is removed from the system. Close drain valves and hold under pressure for at least 10 minutes to insure contact with all internal surfaces. Remove some cleaning solution from drain valve and test with a chlorine test kit. Repeat entire cleaning/sanitizing process if effluent contains less than 50 ppm available chlorine.

SANITIZATION OF POROUS FOOD CONTACT SURFACES

RINSE METHOD - Prepare a sanitizing solution by thoroughly mixing 6 oz. of this product with 10 gallons of water to provide approximately 600 ppm available chlorine by weight. Clean surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. Rinse equipment with water after treatment and do not soak equipment overnight.

IMMERSION METHOD - Prepare a sanitizing solution by thoroughly mixing, in an immersion tank, 6 oz. of this product with 10 gallons of water to provide approximately 600 ppm available chlorine by weight. Clean equipment in the normal manner. Prior to use, immerse equipment in the sanitizing solution for at least two minutes and allow the sanitizer to drain. Rinse equipment with water after treatment.

DOT: UN1791, HYPOCHLORITE SOLUTIONS, 8, PG III

SANITIZATION OF NONPOROUS NON-FOOD CONTACT SURFACES

RINSE METHOD -Prepare a sanitizing solution by thoroughly mixing 2 oz. of this product with 10 gallons of water to provide approximately 200 ppm available chlorine by weight. Clean equipment surfaces in the normal manner. 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;

IMMERSION METHOD -Prepare a sanifizing solution by thoroughly mixing, in an immersion tank; 2 oz. of this product with 40 gallons of water to provide approximately 200 ppm available chlorine by weight. Clean equipment in the normal manner. 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.

DISINFECTION OF NONPOROUS NON-FOOD CONTACT SURFACES

RINSE METHOD -Prepare a disinfecting solution by thoroughly mixing 6 oz. of this product with 10 gallons of water to provide approximately 600 ppm available chloring by weight. Clean equipment surfaces in the normal manner. Prior to use, rinse all surfaces theroughly with the disinfecting solution, maintaining contact with the solution for at least 10 minutes. Do not rinse equipment with water after treatment and do not soak equipment overnight.

IMMERSION METHOD - Prepare a disinfecting solution by thoroughly mixing, in an immersion tank, 6 oz. of this product with 10 gatlons of water to provide approximately 600 ppm available chlorine by weight. Clean equipment in the normal manner. 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.

SANITIZATION OF POROUS NON-FOOD CONTACT SURFACES

RINSE METHOD - Prepare a sanitizing solution by thoroughly mixing 6 oz. of this product with 10 gallons of water to provide approximately 600 poin available chloring by weight. Clean surfaces in the normal manner. 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.

IMMERSION METHOD -Prepare a sanifizing solution by thoroughly mixing, in an immersion tank, 6 oz. of this product with 10 gallons of water to provide approximately 500. ppm available chlorine by weight. Clean equipment in the normal manner. Prior to use, immerse equipment in the sanitizing solution for at least 2 minutes and allow the sanitizer to

MEAT & POULTRY PLANTS -This product may be used in processing water of meat and poultry plants at concentrations up to 5 ppm calculated as available chlorine. Chlorine may be present in quality chiller intake water, and in carcass wash water at concentrations up to 59 pom calculated as available chlorine. Use a suitable test kit to adjust to desired. available chlorine level. Chlorine must be dispensed at a constant and uniform level and the method or system must be such that a controlled rate is maintained. Thoroughly mix 1 ft, oz. of this product to 200 gallons of water to obtain 5 ppm available chlorine or 10 ft, oz. to 700 gallons of water for 50 ppm available chlorine.

SEWAGE & WASTEWATER EFFLUENT TREATMENT

The distribution of sewage effluent must be evaluated by determining that the total number of coliform bacteria and/or fecal coliform bacteria, as determined by the Most Probable Number (MPN) procedure, of the chlorinated affluent has been reduced to or below the maximum permitted by the controlling regulatory jurisdiction.

On the average, satisfactory disinfection of secondary wastewater effluent can be obtained when the chlorine residual is 0.5 ppm after 15 minutes contact. Although the chlorine residual is the critical factor in disinfection, the importance of correlating chlorine residual with bacterial kill must be emphasized. The MPN of the effluent, which is directly related to the water quality standards requirement, should be the final and primary standard, and the chlorine residual should be considered an operating standard valid only to the extent verified by the coliform quality of the effluent.

The following are critical factors affecting wastewater disinfection.

drain. Do not rinse equipment with water after treatment.

- 1. Mixing: It is imperative that the product and the wastewater be instantaneously and completely flash mixed to assure reaction with every chemically active, soluble and particulate component of the wastewater.
- 2. Contacting: Upon flash mixing, the flow through the system must be maintained.
- 3. Dosage/Residual Control: Successful disinfection is extremely dependent on response to fluctuating chlorine demand to maintain a predetermined, desirable chlorine level, Secondary efficient should contain 0.2 to 1.0 ppm chlorine residual atter a 15 to 30 minute contact time. A reasonable average of residual chlorine is 0.5 ppm atter 15 minutes contact time.

SEWAGE AND WASTEWATER TREATMENT

EFFLUENT SLIME CONTROL -Apoly a 100 to 1000 porn available chlorine solution at a location which will allow complete mixing. Prepare this solution by mixing 10 to 100 oz, of this product with 100 gallons of water. Once control is evident apply a 15 ppm available chlorine solution. Prepare this solution by mixing 3 oz. of this product with 100 gallons of water

FILTER BEDS AND SLIME CONTROL. Remove filter from service, drain to a depth of 1 foot above filter sand, and add 80 oz. of product per 20 square feet evenly over the surface. Wait 30 minutes before draining water to a level that is even with the top of the filter. Wait for 4 to 6 hours before completely draining and backwashing filter.

DISINFECTION OF DRINKING WATER

PUBLIC SYTEMS- Mix a ratio of 1 oz, of this product to 100 gallons of water. Begin feeding this solution with a hypochlorinator until a free available chlorine residual of at least 0.2 ppm and no more than 0.6 ppm is attained throughout the distribution system. Check water frequently with a chlorine test kill. 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 casing (lining) with a 100-porn available chlorine solution using a still

brush. This solution can be made by thoroughly mixing 1 oz. of this product into 10 gallons of water. After covering the well, pour the sanitizing solution into the well through both the pipe sleeve opening and the pipeline. Wash the exterior of the pump cylinder also with the sanitizing splution. Start pump and pump water until strong oder of chlorine in water is noted. Stop pump and wall at least 24 hours. After 24 hours (fush well until all traces of chlorine have been removed from the water. Consult your local Health Department for further details.

INDIVIDUAL SYSTEMS -ORILLED, DRIVEN, & BORED WELLS- Run nump until water is as free from burbidity as possible. Pour a 100 nnm available obtoning sanitizing solution into the well. This solution can be made by thoroughly mixing 1 oz. of this product into 10 gallons of water. Add 5 to 10 gallons of clean chlorinated water to the well in order to torce the sanitizer into the rock formation. Wash the exterior of pump cylinder with the sanitizer, Drop pipeline into well, start gump and pump water until strong oder 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. Doep wells with high water levels may necessitate the use of special methods for infroduction of the sanitizer into the well. Consult your local Health Department for further details.

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

EMERGENCY DISINFECTION -When boiling of water for 1 minute is not practical, water can be made potable by using this product. Prior to addition of the sanitizer, remove all suspended material by filtration or by allowing it to settle to the bottom. Decant the clarified, contaminated water to a clean container and add 1 drop of this product to 26 callions of water. Allow the treated water to stand for 30 minutes. Properly treated water should have a slight chlorine odor, if not, repeat dosage and allow the water to stand an additional 15 minutes. The treated water can then be made palatable by pourion it between clean containers several times.

PUBLIC WATER SYSTEMS

ALGAE CONTROL IN RESERVOIRS -Hypochlorinale streams leading the reservoir. Suitable leading points should be selected on each stream at least 50 yards upstream from the

Wet fabrics or clothes should be spin dry prior to sanitization. Thoroughly mix 2 oz. of this product with 10 gallons of water to yield 200 ppm available chlorine. Promptly aller missing the points of entry into the reservoir.

MAINS -Thoroughly flush section to be sanitized 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 a hypochlotinetor. 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.

NEW TANKS, BASINS, ETC -Remove all physical soil from surfaces. Place 20 oz. of this product for each 5 cubic faet of working capacity (500 ppm available chlorine). Fill to working capacity and allow to stand for at least 4 hours. Drain and tlush with potable water and place in service.

NEW FILTER SAND -Apply 60 oz. of this product for each 150 to 200 cubic teet 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 centaining 5 oz. of this product for each 100 gailons of water. The solution should be pumped or fed by gravity into the well after thorough mixing with aditation. The well should stand for several hours or overright under chlorination. 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.

EXISTING EQUIPMENT -Remove equipment from service, and thoroughly clean surfaces of all physical soil. Sarritize by placing 21 oz. of this product for each 5 cubic feet capacity (approximately 500 porn available chlorine). Fill to working capacity and let stand at least 4 hours. Drain and return to service. If the previous treatment is not practical, surfaces may be sprayed with a solution containing 5 oz, 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 a 500 ppm available chlorine solution. Prepare this solution by mixing 5 oz of this product with 40 galloins of water. Beckwash 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 chloring residual. Agitate the well water for several hours and take a representative water sample. Re-treat well if water samples are biologically unacceptable.

RESERVOIRS - In case of contamination by overflowing streams, establish hypochlorinating stations upstream of the reservoir, Chlorinate the inlet water until the entire reservoir phtains a 0.2 ppm available chlorine residual, as determined by a suitable chlorine test kill. In case of contamination from surface drainage, apply sufficient product directly to the reservoir to obtain a 0.2 ppm available chlorine residual in all parts of the reservoir.

BASINS, TANKS AND FLUMES, ETC - Thoroughly clean all equipment, then apply 20 oz. of product per 5 cubic feet of water to obtain 500 ppm available chlorine, as determined by a suitable test kit. After 24 hours drain, flush, and return to service. If the previous method is not suitable, spray or flush the equipment with a solution containing 5 oz. of this product for each 5 gallons 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 80 oz. 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 80 oz. per 20 square feet. Water should stand at a depth of 1 foot above the surface of the filter bed for 4 to 24 hours. When filter beds can be backwasted of mud and silt, apply 80 oz. of this product per each 50 square feet, ellowing the water to stand at a depth of 1 loot above the filter sand. After 30 minutes, drain water to the level of the filler. After 4 to 6 hours, drain and proceed with normal backwashing.

DISTRIBUTION SYSTEM - Flush repaired or replaced section with water. Establish a hypochlorinating station and apply sufficient product until a consistent available chlorine residual of at least 10 ppm remains after a 24 hour retention time. Use a chlorine test kit.

EMERGENCY DISINFECTION AFTER FIRES

CROSS CONNECTIONS OR EMERGENCY CONNECTIONS - Hypochlorination or gravity feed equipment should be set up near the infake of the untreated water supply. Apply sufficient product to give a chlorine residual of at least 0.1 to 0.2 ppm at the point where the untreated supply enters the regular distribution system. Use a chlorine test titl.

EMERGENCY DISINFECTION AFTER DROUGHTS

SUPPLEMENTARY WATER SUPPLIES - Gravity or mechanical hypochlorite leeders should be set up on a supplementary line to dose the water to a minimum chlorine residual of 0.2 ppm after a 20 minute contact time. Use a chloring test kit.

WATER SHIPPED IN BY TANKS, TANK CARS, TRUCKS 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 5 oz. of this product for each 10 galtons 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. Use a chlorine test kit.

EMERGENCY DISINFECTION AFTER MAIN BREAKS

MAINS -Before assembly of the repaired section, flush out mud and soil. Permit a water flow at least 2.5 feet per minute to continue under pressure while injecting this product by means of a hypochlorinator. Stop water flow when a chlorine residual text 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.

COOLING TOWER AND EVAPORATIVE CONDENSER WATER

SLUG FEED METHOD -Initial Dose: When system is noticeably fouled apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain from 5 to 10 ppm available chlorine. Repeat until control is achieved.

Subsequent Doses: When microbial control is evident, add 11 oz. of this product per 10,000 gallons of water in the system daily, or as needed to maintain control and keep the chlorine residual at 1 ppm. Badly fouled systems must be cleaned before treatment is begun.

INTERMITTENT FEED METHOD -Initial Dose, When system is noticeably touled, apply 52 to 104 pz, of this product per 10, 000 gallons of water in the system to obtain 5 to 10 ppm available chlorine. Apply half (or 1/3, 1/4, or 1/5) of this initial dose when half (or 1/3, 1/4, or 1/5) of the water in the system has been lost by blowdown.

Subsequent Deses: When microbial control is evident, add 11 oz. of this product per 10,000 gallons of water in the system to obtain a 1 ppm residual. Apply half (or 1/3, 1/4, or 1/5) of this initial dose when half (or 1/3, 1/4, or 1/5) of the water in the system has been lost by blowdown. Bedly fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD -Initial Dose: When system to obtain 5 to 10 ppm

Subsequent Doses: Maintain this treatment level by starting a continuous leed of 1 oz. of this product per 1,000 gallons of water lost by blowdown to maintain a 1 oppn residual, Badly fouled systems must be cleaned before treatment is begun.

HOUSEHOLD LAUNDRY SANITIZERS

IN SOAKING SUDS -Thoroughly mix 2 oz. of this product to 10 gallons of wash water to provide 200 ppm available chlorine. Wait 5 minutes, then add soap or detergent. Immerse taundry for at least 11 minutes prior to starting the wash/rinse cycle.

IN WASHING SUDS -Thoroughly mix 2 oz. of this product to 10 gallons of wash weler containing clothes to provide 200 ppm available chlorine. Wait 5 minutes, then add soap or delergent and start the wast/rinse cycle.

COMMERCIAL LAUNDRY SANITIZERS

sanitizer, add the solution into the prewash prior to washing fabrics/clothes in the regular wash cycle with a good detergent. Test the level of available chlorine it solution has been allowed to stand. Add more of this product if the available chlorine level has dropped below 200 ppm.

FARM PREMISES

Remove all animals, poultry, and leed from premises, vehicles, and enclosures. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other tacilities occupied or traversed by animats or poultry. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or deteroent and rinse with water. To disinfect, saturate all surfaces with a solution of at least 1000 ppm evailable chlorine for a period of 10 minutes. A 1000 ppm solution can be made by thoroughly moving 11 oz. of this product with 40 gallons of water, Immersé all halters, ropes and other types of equipment used in handling and restraining animals or poultry, as well as the cleaned forks, shovels, and scrapers used for removing filter and manure. Ventilable building, cars, boats, and other closed spaces. Do not house livestock or poultry or employ equipment until chlorine has been dissipated: All treated lend racks, mangers, troughs, automatic feeders, fountains and waterers must be rinsed with potable water before reuse.

PULP AND PAPER MILL PROCESS WATER SYSTEMS

SLUG FEED METHOD -Initial Dose: When system is noticeably fouled, apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain from 5 to 10 ppm available chlorine. Repeat until control is achieved.

Subsequent Doses: When microbial control is evident, add 11 oz. of this product per 10,000 gallons of water in the system daily, or as needed to maintain control and keep the chlorine residual at 1 ppm. Badly fouled systems must be cleaned before treatment is begun.

INTERMITTENT FEED METHOD -Initial Dose: When system is noticeably fouled, apply 52 to 104 oz, of this product per 10,000 gallions of water in the system to obtain 5 to 10 ppm available chlorine. Apply half (or 1/3, 1/4, or 1/5) of this initial dose when half (or 1/3, 1/4, or 1/5) of the water in the system has been lost by blowdown. Subsequent Doses: When microbial control is evident, add 11 oz. of this product per 10,000 gallons of water in the system to obtain a 1 ppm residual. Apply half (or 1/3, 1/4, or 1/5) of this

Initial dose when half (or 1/3, 1/4, or 1/5) of the water in the system has been lost by blowdown. Badfy fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD -Initial Dose: When system is noticeably fouled, apply 52 to 104 oz. of this product per 10, 000 gallons of water in the system to obtain 5 to 10 gam available.

Subsequent Doses: Maintain this treatment level by starting a continuous feed of 1 oz. of this product per 1,000 gallons of water lost by blowdown to maintain a 1 ppm residual. Badly fouled systems must be cleaned before treatment has begun.

AGRICULTURAL USES

POST-HARVEST PROTECTION -Polatoes can be sanifized after cleaning and prior to storage by spraying with a sanifizing solution at a level of 1 gallon of sanifizing solution per ton of potatoes. Thoroughly mix 1 oz. of this product to 2 gallons of water to obtain 500 ppm available chlorine.

BEE CELLS AND BEE BOARDS -(Not Approved for Use in California) Distinfest leaf- culting bee cells and bee boards by immersion in a solution containing 1 ppm available chlorinik for 3 minutes. Allow bells to drain for 2 minutes and dry for 4 to 5 hours or until no obtains odor can de detected. This solution is made by thoroughly mixing 1 Tsp. of this product to 100 gatlons of water. The bee domicile is disinfected by spraying with a 0.1 ppm solution until all surfaces are thoroughly wet. Allow the domicile to dry until all chlorine odor has dissipated.

FOOD EGG SANITIZATION -Thoroughly clean all eggs. Thoroughly mix 2 oz. of this product with 10 gallons of warm water to produce a 200 open available chlorine solution. The sanitizer temperature should not exceed 130 F. Spray the warm sanitizer so that the eggs are thoroughly wetted. Allow the eggs to thoroughly dry before casing or breaking. Do not apply a potable water rinse. The solution should not be re-used to sanitize eggs.

FRUIT & VEGETABLE WASHING -Thoroughly clean all fruits and vegetables in a wash tank. Thoroughly trick 5 oz. of this product in 200 gallons of water to make a sanitizing solution of 25 ppm available chlorine. After draining the tank, submerge fruit or vegetables for 2 minutes in a second wash tank containing the recirculating solution. Spray rinse vegetables with the satilizing solution prior to packaging. Rinsa trult with potable water only, prior to packaging.

AQUACULTURAL USES

FISH PONDS -Remove fish from ponds prior to heatment. Thoroughly mix 103 oz. of this product to 10,000 galloos of water to obtain 10 ppm available chlorine. Add more product to the water If the available chlorine level is below 1 ppm after 5 minutes. Return fish to pond after the available chlorine level reaches zero.

FISH POND EQUIPMENT -Thoroughly clean all equipment prior to treatment. Thoroughly mix 2 oz. of this product to 10 gallons of water to obtain 200 ppm available chloring. Porcus equipment should soak for one hour.

MAINE LOBSTER PONDS -(Not Approved for Use in California) Remove lobsters, seawed atc. from ponds prior to treatment. Drain the pond. Thoroughly mix 6,200 oz. of this product to 10,000 gallons of water to obtain at least 600 ppm available chlorine. Apply so that all barrows, gales, rock and dam are treated with product. Permit high tide to fill the good and then close. gales. Allow water to stand for 2 to 3 days until the available chlorine level reaches zero. Open gates and allow two lidal cycles to flush the pend before returning lobsters to good.

CONTROL OF SCAVENGERS IN FISH HATCHERY PONDS -Prepare a solution containing 20th ppm of available chlorine by mixing 2 oz. of product with 10 gallons of water. Pour tinto drained pond potholes. Repeat if necessary. Do not put desirable fish back into refilled ponds until chlorine residual has dropped to 0 open; as determined by a test kil.

SANITIZATION OF DIALYSIS MACHINES

Flush equipment thoroughly with water prior to using this product. Thoroughly mix 6 oz. of this product to 10 galions of water to obtain at least 600 ppm available chlorine. Immediately use this. product in the hemodialysale system allowing for a minimum contact time of 15 minutes at 20°C. Drain system of the santizing solution and thoroughly rinse with water. Discard and DO NOT rouse the spent sanitizer. Rinsate must be monitored with a suitable test kit to insute that no available chlorine remains in the system.

This product is recommended for deconfaminating single and multi-patient hemodialysale systems. This product has been shown to be an effective disinfectant (virucide, fungicide, bactericide, and pseudomonicide) when tested by AOAC and EPA test methods. This product may not totally eliminate all vegetative microorganisms in hamodialysate delivery systems due to their construction and/or assembly, but can be relied upon to reduce the number of microorganisms to acceptable levels when used as directed. This product should be used in a disinfectant program which includes bacteriological monitoring of the hemodialysate delivery system. This product is NOT recommended for use in hemodialysate or reverse esmosis (RO) membranes.

Consult the guidelines for hemodialysale systems, which are available from Hegalitis Laboratories, CDC, Phoenix: AZ 85021.

ASPHALT OR WOOD ROOFS AND SIDINGS

To control fungus and mildew, tirst remove all physical soil by brushing and hosing with clean water, and apply a 5000 ppm available chlorine solution. Mix 5 oz of this product per gation of water and brush or spray roof or siding. After 30 minutes, rinse by hosing with clean water.

BOAT BOTTOMS

To control slime on boat bottoms, slima a plastic tarp under boat, retaining enough water to cover the fouled bottom area, but not altowing water to enforce enclosed area. This envelope should contain approximately 500 gallors of water for a 14 foot boat. Add 18 oz. of this product to this water to obtain a 35 ppm available chlorine concentration, Leave Immersed for 8 to 12 hours. Repeat if necessary. Do not discharge the solution until the free chloring level has dropped to 0 ppm, as determined by a swimming pool tiss kit.

ARTIFICIAL SAND BEACHES

To samilize the sand, spray a 500 ppm available chlorine solution containing 5 oz. of this product per 10 gallons of water at frequent intervals. Small areas can be sprinkled with a watering can

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