1255.1058

[illegible]
[illegible] AND [illegible] HAZARDS

[illegible] Corrosive. Causes skin and eye burns. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling this product. Irritation to eyes and lungs. Avoid breathing dust. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge into lakes, streams, ponds or public waterways unless in accordance with a NPDES permit. For guidance, contact the regional office of the U.S. Environmental Protection Agency.

~~[illegible] AND THE PRODUCT [illegible] WITH [illegible] AND [illegible]~~

Chlorine must be allowed to dissipate from treated pool water before discharge. Do not have any chlorine application within 24 hours of discharge.

PHYSICAL AND CHEMICAL HAZARDS

[illegible] AGENT: Use only dry equipment. Use clean dry utensils. Do not add this product to any dispenser containing products of any other chemical. Mixing can 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 area. Flood and [illegible] water, if necessary.

[illegible] FOR USE

[illegible] a violation of [illegible] law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

Keep this product in a tightly closed container, when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. In case of decomposition, isolate container (if possible) and flood area with large amounts of water to dissolve all material before discarding this container. Place this container in trash or bury, dispose in approved landfill area. Bury in a safe place.

[illegible] INSTRUCTIONS:

For a new pool or spring start-up, superchlorinate with 11.8 to 23.6 oz. of product for each 10,000 gallons of water to yield 5 to 10 ppm available chlorine or higher. Check the level of available chlorine with a test kit. Adjust and maintain pool water pH in between 7.2 to 7.6. Adjust and maintain the alkalinity of the pool to between 80 to 100 ppm.

To maintain the pool, add daily or by a feeder device 2.4 oz. of this product for each 10,000 gallons of water to yield an available chlorine residual between [illegible] ppm. Maintained pools should maintain a residual of [illegible] available chlorine. Test the pool available chlorine residual [illegible] frequently with appropriate test kits. Frequency of [illegible] per [illegible] and number of swimmers.

[illegible] 11.8 to 23.6 oz. of [illegible] 10,000 gallons of water to yield 5 to 10 ppm available chlorine. Check the level of available chlorine with a test kit. To maintain pool pH [illegible] between [illegible] to [illegible] ppm.

[illegible]

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[illegible]

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3.6

RINSE METHOD - Prepare a sanitizing solution by thoroughly mixing 1 oz. of this product with 20 gallons of water to provide approximately [illegible] 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.

3.6

IMMERSION METHOD - Prepare a sanitizing solution by thoroughly mixing, in an immersion tank, 1 oz. of this product with 20 gallons of water to provide approximately [illegible] 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. Rinse equipment with water after treatment.

3.6

SPRAY/FOG METHOD - Preclean all surfaces after use. Prepare a [illegible] ppm available chlorine sanitizing solution of sufficient size by thoroughly mixing the product in a ratio of 1 oz. product with 20 gallons of water. Use spray or fogging equipment which can resist hypochlorite solutions. Always empty and rinse spray/fog equipment with potable water 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 with a 200 ppm available chlorine solution. Prepare a 200 ppm sanitizing solution by thoroughly mixing 1 oz. of this product with 20 gallons of water.

SANITIZATION OF [illegible] NON-FOOD CONTACT SURFACES

1.✓

RINSE METHOD - Prepare a sanitizing solution by thoroughly mixing 1 oz. of this product with [illegible] 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.

1.✓

IMMERSION METHOD - Prepare a sanitizing solution by thoroughly mixing, in an immersion tank, [illegible] oz. of this product with 20 gallons of water to provide approximately [illegible] 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.

1.✓

SPRAY/FOG METHOD - Preclean all surfaces after use. Prepare a 200 ppm available chlorine sanitizing solution of sufficient size by thoroughly mixing the product in a ratio of [illegible] oz. product with [illegible] gallons of water. Use spray or fogging equipment which can resist hypochlorite solutions. Prior to using equipment, thoroughly spray or fog all surfaces until wet, allowing excess sanitizer to drain. Vacate area for at least 2 hours.

DISINFECTION OF [illegible] NON-FOOD CONTACT SURFACES

3.6

RINSE METHOD - Prepare a disinfecting solution by thoroughly mixing [illegible] oz. of this product with 20 gallons of water to provide approximately [illegible] 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 10 minutes. Do not rinse equipment with water after treatment and do not soak equipment overnight.

3.6

IMMERSION METHOD - Prepare a disinfecting solution by thoroughly mixing, in an immersion tank, [illegible] oz. of this product with 20 gallons of water to provide approximately [illegible] 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.

[illegible]

3.6

RINSE METHOD - Prepare a sanitizing solution by thoroughly mixing [illegible] oz. of this product with [illegible] gallons of water to provide approximately [illegible] 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. Do not rinse equipment with water after treatment. Do not soak equipment overnight.

3.6

IMMERSION METHOD - Prepare a sanitizing solution by thoroughly mixing, in an immersion tank, [illegible] oz. of this product with [illegible] gallons of water to provide approximately [illegible] 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.

3.6

SPRAY/FOG METHOD - [illegible] ppm available chlorine by thoroughly mixing the product in a ratio of [illegible] oz. of this product with [illegible] gallons of water. Use spray or fogging equipment which can resist hypochlorite solutions. Always empty and rinse spray/fog equipment with [illegible] after use. Prior to using equipment, thoroughly [illegible]

surfaces until wet

2 hours

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[illegible]

[illegible] effluent test is evaluated by determining the total [illegible] available active fecal coliform bacteria, as determined by [illegible] test procedure, of the chlorinated effluent not [illegible] the [illegible] required by the controlling regulatory [illegible].

[illegible] disinfection of secondary wastewater effluent can [illegible] not to 0.5 mm after 15 minutes contact, [illegible] residual is the critical critical factor in disinfection. [illegible] chlorine residual when bacterial kill has not been [illegible]. The [illegible] of the effluent, which is directly related to the water [illegible] would be the final and primary standard and [illegible] standard would be a [illegible] standard valid only to the extent [illegible] by the uniform quality of the effluent.

The following are critical factors affecting wastewater disinfection.

1. [illegible] is imperative that the product and the wastewater be [illegible] and completely flash mixed to insure reaction with every [illegible] active soluble and particulate component of the [illegible].

2. [illegible] the flash mixer, the flow through the system must be [illegible].

3. Dosage/residual control: Successful disinfection is extremely [illegible] to response to fluctuating chlorine demand to maintain a [illegible], detectable chlorine level. Secondary effluent should contain 1.2 to 1.5 mm chlorine residual after a 15 to 30 minute [illegible] time. A reasonable average of residual chlorine is 0.5 mm after a 15 minute contact time.

[illegible] (INDIVIDUAL SYSTEMS)

[illegible] ratio of [illegible] oz of this product to 100 gallons of water. [illegible] solution with a "hyperchlorinated" until a free available chlorine residual of at least 0.2 ppm and no more than 0.5 ppm is attained throughout the distribution system. Check water frequently with a chlorine test kit. Bacteriological samples must be collected at a frequency no less than that mandated by the National Interim Primary Drinking Water Regulations. Contact your local Health Department for further details.

INDIVIDUAL SYSTEMS: [illegible] - Upon completion of the [illegible] and the interior of the [illegible] with a 100 ppm available chlorine solution [illegible] solution [illegible] by thoroughly mixing [illegible] oz of [illegible] gallons of water. After operating the well, open the [illegible] and the well through the pipeline [illegible] the [illegible] solution. [illegible] cylinder also into the [illegible] solution. [illegible] water until saturation of chlorine in water is [illegible] the well 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 WELL SYSTEMS: DRILL, DEVELOP & DISINFECT - For new well water [illegible] 100 ppm available chlorine solution into the well. This solution can be made by thoroughly [illegible] into 40 gallons of water. Add 1 to 10 gallons of [illegible] water in the well to assist in forcing the chlorine into the formation. [illegible] of hose cylinder with the solution. [illegible] the well, [illegible] and pump water until [illegible] chlorine in water is [illegible] at least 24 hours. After 24 hours flush well until all traces of chlorine have been removed from the water. [illegible] the [illegible] of the [illegible] and the well. Contact your local Health Department for further details. [illegible] your local Health Department for further details.

INDIVIDUAL WELL SYSTEMS: [illegible] - Treating wells generally to [illegible] indicate persistent contamination, the [illegible] Contact your local Health Department for further details.

[illegible]

23.6 125 8-15

RECIRCULATING COOLING WATER SYSTEMS

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

Subsequent Dose: When microbial control is evident, add [illegible] 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.

2.4

2.6

INTERMITTENT FEED METHOD - Initial Dose: When system is noticeably fouled, apply [illegible] to [illegible] oz. of this product per 10,000 gallons of water in the system to obtain [illegible] 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.

11.6

Subsequent Dose: When microbial control is evident, add [illegible] 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. Badly fouled systems must be cleaned before treatment is begun.

2.4

CONTINUOUS FEED METHOD - Initial Dose: When system is noticeably fouled, apply [illegible] to 20 oz. of this product per 10,000 gallons of water in the system to obtain [illegible] ppm available chlorine.

Subsequent Dose: Maintain this treatment level by starting a continuous feed of [illegible] 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 is begun.

CONTINUOUS FEED METHOD

[illegible] - Initially slug dose the system with [illegible] oz. of this product per 10,000 gallons of water in the system. Badly fouled systems must be cleaned before treatment is begun.

11.8

Subsequent Dose: When microbial control is evident, add [illegible] 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.

2.4

LAUNDRY SANITIZERS

Household Laundry Sanitizers

IN SOAKING CYCLE - Thoroughly mix 1 Tbs. of this product to 12 gallons of wash water to provide 200 ppm available chlorine. Add soap or detergent and immerse laundry for at least 15 minutes before starting the wash/rinse cycle.

IN WASHING CYCLE - Thoroughly mix 1 Tbs. of this product to [illegible] gallons of wash water containing clothes to provide 200 ppm available chlorine. Start and stop or detergent and [illegible] the wash/rinse cycle.

Commercial Laundry Sanitizers

Wet fabrics or clothes should be spun dry prior to sanitization. Thoroughly mix 1 oz. of this product with 20 gallons of water to yield 200 ppm available chlorine. Promptly after mixing the sanitizer, add the solution [illegible] the [illegible] to washing fabrics/clothes in the regular wash cycle with a good detergent. Test the level of available chlorine, if solution has been allowed to stand. Add [illegible] of this product if the the available chlorine level has dropped below 200 ppm.

11.7

FARM PREMISES

Remove all animals, poultry, and feed from premises, vehicles, and enclosures. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities occupied or traversed by animals or poultry. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. To disinfect, saturate all surfaces with a solution of at least 1000 ppm available chlorine for a period of 10 minutes. A 1000 ppm solution can be made by [illegible] [illegible] oz. of this product with [illegible] gallons of water. Immerse all [illegible], [illegible] and other types of equipment used in handling and restraining animals, [illegible], as well as the [illegible], shovels and scrapers used for [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] or poultry or empty equipment until [illegible] [illegible] [illegible]. [illegible] treated feed racks, mangers, troughs, [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

2.4

[illegible] WATER SYSTEMS

23.6

[illegible] [illegible] - Initial Dose: When system is noticeably fouled, apply [illegible] to [illegible] oz. of this product per 10,000 gallons of water in the system to obtain [illegible] to 10 ppm available chlorine. Repeat until control is achieved.

11.8

[illegible] when microbial control is evident, add [illegible] oz. of this product per [illegible] gallons of water in the system daily, or as needed to maintain control or keep the chlorine residual at 1 ppm. Badly fouled systems must be cleaned before treatment is begun.

[illegible] - Initial [illegible] when system is moderately fouled, apply [illegible] oz. of this product per 10,000 gallons of water in the system to [illegible] available chlorine. Apply half (1/2, 1/4, or 1/8) of this [illegible] when half (1/2, 1/4, or 1/8) of the water in the system has been [illegible].

[illegible] when microbial control is evident, add [illegible] oz. of this product per [illegible] gallons of water in the system to obtain 1 ppm residual. Apply [illegible] (1/2, 1/4, or 1/8) of this [illegible] when half (1/2, 1/4, or 1/8) of the water in the system has been [illegible]. Badly fouled systems must be cleaned before treatment is begun.

[illegible] - Initial [illegible] when system is moderately fouled, apply [illegible] oz. of this product per [illegible] gallons of water in the system to [illegible] available chlorine.

[illegible] by starting a continuous feed of [illegible] oz. of this product per 1,000 gallons [illegible] to maintain [illegible] residual. Badly fouled systems [illegible] cleaned before treatment is begun.

CONTINUOUS-FEED METHOD

[illegible] - Initially slug feed the system with [illegible] oz. of this product per [illegible] gallons of water in the system. Badly fouled systems must be cleaned before treatment is begun.

[illegible] when microbial control is evident, add [illegible] oz. of this product [illegible] gallons of water in the system daily, or as needed to maintain [illegible] chlorine residual of 1 ppm. Badly fouled systems must be [illegible] before treatment is begun.

[illegible]