

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460United States
Environmental Protection
AgencyOffice of Pesticide Programs

January 14, 2008

James P. Ringo
Bio-Cide International, Inc.
2845 Broce Drive
Norman, OK 73072Subject: ProOxine
EPA Registration No. 9804-9
Submission Dated: October 16, 2007
Receipt Date: October 17, 2007

Dear Mr. Ringo:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the conditions listed below.

Conditions

1. Remove the directions for use "To sanitize clean shell eggs intended for food or food products." This is not supported by data or citation of data.
2. Revise the "Repopulation" use directions under "IN ANIMAL REARING AND CONFINEMENT FACILITIES" and "POULTRY HOUSES" as follows: Repopulate **only** when solution **has** dried.

General Comments

A stamped copy of the labeling accepted with conditions is enclosed. Submit one copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

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Should you have any questions or comments concerning this letter, please contact Wanda Henson at (703) 308-6345.

Sincerely,

Emily H. Mitchell
Product Manager - Team 32
Regulatory Management Branch II
Antimicrobials Division (7510P)

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ProOxineTM

SANITIZER

Active ProOxineTM

ACCEPTED
with COMMENTS
EPA Letter Dated:

JAN 14 2008

DISINFECTANT

FUNGICIDAL - BACTERICIDAL

FOOD PROCESSING PLANTS

BOTTLING PLANTS INDUSTRIAL USE

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.

9804-9

Active Ingredient: Chlorine Dioxide.....	5%
Other Ingredients.....	95%
TOTAL.....	100%

KEEP OUT OF REACH OF CHILDREN CAUTION

SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

STORE IN COOL DARK PLACE KEEP FROM FREEZING
E.P.A. Reg. No. 9804-9 E.P.A. Reg. No. 9804-OK-1

Bio-Cide International, Inc.
Norman, Oklahoma 73070

Net Contents: 1 Gal. 5 Gal. 30 Gal. 55 Gal.

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PROPER ACTIVATION OF ProOxine™

The active biocidal component of the ProOxine™ system is free chlorine dioxide. Unactivated ProOxine™ in the neutral to mildly alkaline pH range is bacteriostatic. For higher level microbial control, such as disinfection and sanitation, activation of ProOxine™ is required to generate free chlorine dioxide. The use of citric acid as an activator is specified in most ProOxine™ label applications. Alternatives to citric acid for activation include organic acids, such as acetic acid, and inorganic acids such as phosphoric, hydrochloric, and sulfuric acids. Activation equivalent to that of citric acid may be achieved by adjusting the ProOxine™ solution to pH 2-3 with an alternative acid. The activated ProOxine™ is then diluted to the required use concentration in accordance with label instructions. For food processing applications only food grade activator acids may be used. Bio-Cide International, Inc. or your ProOxine™ distributor can guide you in proper activation techniques.

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IN FOOD PROCESSING PLANTS SUCH AS FISH, POULTRY, MEAT AND IN RESTAURANTS, DAIRIES, BOTTLING PLANTS AND BREWERIES:

AS A TERMINAL SANITIZING RINSE FOR STAINLESS STEEL AND OTHER HARD NONPOROUS FOOD CONTACT SURFACES SUCH AS TANKS, TRANSFER LINES AND OTHER FOOD PROCESSING EQUIPMENT.

DIRECTIONS FOR USE:

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

1) All gross food particles and soil should be removed prior to sanitizing by use of a pre-flush, pre-scrape or pre-soak treatment.

2) Clean tank, line or surface thoroughly using a suitable detergent and rinse with clean potable water before sanitizing.

3) Preparation of sanitizing solution: Place 0.65 fl. oz. of ProOxine™ concentrate into a clean plastic pail or container and add 5 grams (1 teaspoon) of Bio-Cide Activator Crystals or food grade citric acid of no less than 99% purity. Prepare in a well ventilated area. Avoid breathing any fumes which may be produced while crystals are dissolving. Allow five (5) minutes reaction time for crystals to dissolve completely. To this solution, add five (5) gallons of clean, potable water. This will yield a working solution containing 50 ppm available chlorine dioxide.

3) To apply: Fill, flush, immerse or spray tank, line, equipment or food contact surface with active solution making sure surface area is thoroughly wet for at least one (1) minute. After sanitizing, drain tank, line or equipment and allow to air dry. Fresh sanitizing solution should be made up daily or more often if solution becomes diluted or soiled.

FOR USE AS A LUBE ADDITIVE TO CONTROL BACTERIAL SLIME AND ODOR ON MOVING CONVEYORS AND CHAINS IN FOOD PROCESSING FACILITIES.

Directions for Use:

1) Prior to beginning application of ProOxine™ to the diluted lube mixture, all conveyors, lube lines,

spray nozzle heads, conveyor surfaces, and other associated structures should be thoroughly cleaned and sanitized.

2) ProOxine™ should be added to the water dilution step of the lube system just prior to its injection into the distribution system. Addition of ProOxine™ into the lube/water mixture should be at the rate of 0.25 fl. oz. to 0.50 fl. oz. per 10 gallons of diluted lube. This will result in a final ProOxine™ concentration of between 10 and 20 ppm in the lube solution.

3) For best results use with natural (fatty acid, soap based) lubricant products. For advice on lube compatibility contact your BCI distributor.

TO DISINFECT WALLS, CEILINGS, AND FLOORS.

DIRECTIONS FOR USE:

1) Before disinfection, all gross filth must be removed from areas to be disinfected and thoroughly cleaned with a suitable detergent followed by a clean, potable water rinse.

2) Preparation of active disinfecting solution (500 ppm ClO₂): Place 1 1/3 fl. oz. of ProOxine™ concentrate per gallon of working solution into a clean, plastic pail and add 10 grams (2 teaspoons) of Bio-Cide Activator Crystals or food grade citric acid of no less than 99% purity. Prepare in a well ventilated area; avoid breathing any fumes which may be produced while crystals are dissolving. Allow five (5) minutes reaction time for crystals to dissolve completely. To this solution, add one (1) gallon of clean, potable water. This will yield a working solution containing 500 ppm of available chlorine dioxide.

3) To apply: Spray disinfectant solution onto surface to be disinfected using a suitable spraying device and making sure that the area is thoroughly wet for at least ten (10) minutes. Active solutions may be irritating when breathed; therefore, always use an applicable NIOSH/MSHA approved respirator appropriate for chlorine dioxide when spraying these solutions. After application, allow to air dry. Treat as required. Always apply freshly made solutions. Never reuse activated solutions.

TO DISINFECT WALLS, CEILINGS AND FLOORS OF POULTRY PROCESSING PLANTS.

SPECIAL INSTRUCTIONS FOR INACTIVATING AVIAN INFLUENZA A.

KILLS AVIAN INFLUENZA A ON PRE-CLEANED ENVIRONMENTAL SURFACES.

Directions for Use:

- 1) Before disinfection, all gross filth must be removed from areas to be disinfected and thoroughly cleaned with a suitable detergent followed by a clean, potable water rinse.
- 2) Preparation of active disinfecting solution (500 ppm ClO₂): Place 1 1/3 fl. oz. of ProOxine™ concentrate per gallon of working solution into a clean, plastic pail and add ten (10) grams (2 teaspoons) of Bio-Cide Activator Crystals or food grade citric acid of no less than 99% purity. Prepare in a well ventilated area; avoid breathing any fumes which may be produced while crystals are dissolving. Allow five (5) minutes reaction time for crystals to dissolve completely. To this solution, add one (1) gallon of clean, potable water. This will yield a working solution containing 500 ppm of available chlorine dioxide.
- 3) To apply: Spray disinfectant solution onto surface to be disinfected, using a suitable spraying device and making sure that the area is thoroughly wet for at least ten (10) minutes. Active solutions may be irritating when breathed, therefore, always use an applicable NIOSH/MSHA approved respirator appropriate for chlorine dioxide when spraying these solutions. After application allow to air dry. Treat as required. Never reuse activated solutions.

To sanitize clean shell eggs intended for food or food products.

Directions for Use:

- 1) Preparation of sanitizing solution: Prepare an activated working solution containing 100-200 ppm available chlorine dioxide. To prepare a 200 ppm activated solution place 0.5 fl oz of ProOxine™ concentrate per gallon of working

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solution (200 ppm available chlorine dioxide) into a clean, plastic pail and add 1.5 grams (1/3 teaspoon) of ProOxine™ Activator Crystals or food grade citric acid of no less than 99% purity. Prepare in a well ventilated area. Allow five (5) minutes reaction time for crystals to dissolve completely. To this solution, add one (1) gallon of clean potable water.

2) Spray eggs thoroughly with activated solution making sure surface area is thoroughly wet for at least one (1) minute and allow to drain. Solution must be equal to or warmer than the eggs, but not to exceed 130°F.

3) Eggs that have been sanitized with this chlorine dioxide compound may be broken in the manufacture of egg products without a prior potable water rinse. Eggs must be reasonably dry before casing or breaking. Never reuse activated solutions.

TO CONTROL THE BUILD-UP OF ODOR AND SLIME FORMING BACTERIA IN ICE MAKING PLANTS AND MACHINERY.

DIRECTIONS FOR USE:

- 1) Ice making machinery should be disassembled and thoroughly cleaned using a suitable detergent followed by a potable water rinse.
- 2) Preparation and application of solution: The ProOxine™ solution should be applied to the incoming water line of the ice machine via a chemical feed pump or injector system and proportioned at the rate of 6 fl. oz. per 100 gallons of potable water (20 ppm available ClO₂)

TO CONTROL ODOR AND SLIME FORMING BACTERIA IN COOLING AND WARMING WATERS, SUCH AS CANNING RETORT AND PASTEURIZER COOLING WATERS, USED TO DECREASE OR INCREASE PACKAGED PRODUCT TEMPERATURE BY IMMERSION IN OR BY SPRAYING WITH THE TREATED PROCESS WATERS.

DIRECTIONS FOR USE:

- 1) All tanks, tunnels, conveyor chains, heat exchangers, heat exchange towers, lines, spray bars and nozzles should be thoroughly cleaned,

when possible, and completely rinsed using clean, potable water prior to treatment.

2) Preparation of solution: Water systems including the cooling or warming tanks or spray systems, towers, lines and all water containing parts of the system may be batch loaded at start up with 12.8 fl. oz. ProOxine™ per one thousand (1000) gallons of potable water (5.0 ppm available ClO₂). To maintain the 5.0 ppm available ClO₂ in the water system a timed or electronically controlled chemical feed pump or injector system can be used for additions to the system or for treating the make-up water. Make up new ProOxine™ solutions daily. Optional activated solution: If heavy use of cooling or warming water, or introduction of additional bacteria loads is expected or if slime buildup is heavy, an additional activation step may be used in preparation of solution.

3) Preparation of activated solution: Prepare in a well ventilated area, avoid breathing any fumes which may be produced while crystals are dissolving. For each one thousand (1000) gallons of system water to be treated, measure out 12.8 fl. oz. of ProOxine™ and pour into a clean plastic container, pail or drum. To this ProOxine™ amount, add Bio-Cide Activator Crystals or food grade citric acid of no less than 99% purity, at the rate of 3.3 ounce (95 grams) crystals per 12.8 fl. oz. of ProOxine™. Allow five (5) minutes reaction time for crystals to dissolve. Cooling or warming water systems may be batch loaded at start up using 12.8 fl. oz. of the prepared solution per one thousand (1000) gallons of potable water (5.0 ppm available ClO₂). Batch or timed additions of the prepared solution can be made or an electronically controlled chemical feed pump or injector system can be used for additions of the prepared solution to the process water to maintain 5.0 ppm available ClO₂. Make up new ProOxine™ solutions daily.

TO CONTROL ODOR AND SLIME FORMING BACTERIA BUILD-UP IN COMMERCIAL WATER FILTRATION SYSTEMS, SAND BEDS, GRAVEL BEDS AND CHARCOAL FILTERS WITH ACCESSIBLE SERVICE HATCHES.

DIRECTIONS FOR USE:

1) Drain all existing water from sand and carbon filters and rinse once with clean, potable water. Fill sand filter with potable water and adjust pH of

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water to 6.0 using citric acid or equivalent pH adjuster.

2) To prepare solution: Measure out eight (8) fl. oz. of ProOxine™ concentrate for each ten (10) gallons of filter system volume (300 PPM available ClO₂) and add to the sand filter through access hatch. Fill system with clean, potable water and circulate system 30 minutes. Allow system to soak two (2) to three (3) hours. After treatment, drain system and rinse with clean, potable water until residue is no longer detectable using the Bio-Cide test kit and when pH is normal.

TO CONTROL THE BUILD-UP OF ODOR AND SLIME FORMING BACTERIA IN STAINLESS STEEL TRANSFER LINES AND ON-LINE EQUIPMENT SUCH AS HYDRO-COOLERS, PASTEURIZERS AND THE LIKE OVERNIGHT AND OVER WEEKENDS.

DIRECTIONS FOR USE:

1) Clean equipment or line thoroughly using a suitable detergent followed by a clean, potable water rinse before treatment.

2) Preparation and application of solution: For each ten (10) gallons of volume in lines and/or equipment, add 1/2 oz. of ProOxine™ (20 PPM available ClO₂) to potable make up water. Mix and fill lines and equipment overnight. Drain and allow to air dry just prior to next run start-up.

FOR USE AS A SLIMICIDE IN PULP AND PAPER WHITewater SYSTEMS.

DIRECTIONS FOR USE:

1) For initial start-up or for severe slime contamination ProOxine™ should be prepared by the addition of one pound of citric acid activator per 50 gallons of ProOxine™ or by addition of other suitable acid to adjust the ProOxine™ solution to approximately pH 7.0.

2) The activated ProOxine™ solution should then be proportioned into the whitewater system by means of a suitable metering pump at a continuous rate to produce an in-stream concentration of 1.25 - 5.0 ppm. This concentration is obtained by proportioning the ProOxine™ into the system at a rate of 3.2 -12.8 fluid ounces per 1,000 gallons of process water. The system should be monitored by use of a Bio-

Cide International, Inc. Test Kit, or other suitable means and feed rate adjustments made accordingly. After slime control is established the ProOxine™ feed rates may be lowered to maintain the desired level of slime control.

FOR ENCLOSED AND RECIRCULATING COOLING WATER SYSTEMS.

DIRECTIONS FOR USE:

- 1) Severely fouled systems should be cleaned prior to treatment.
- 2) For initial start-up or heavy microbial contamination ProOxine™ should be added to the cooling water system at a rate of one gallon of ProOxine™ per 10,000 gallons of system water. This is equivalent to 5.0 ppm as available chlorine dioxide. Dosage should be repeated daily until microbial control is achieved.
- 3) When microbial contamination is under control the concentration and frequency of treatment may be reduced to levels adequate to maintain the desired level of microbial control.

FOR MICROBIAL CONTROL IN SWEETWATER COOLING SYSTEMS.

- 1) ProOxine™ may be batch loaded or metered into sweetwater cooling systems at the rate of 13 fluid ounces per 1,000 gallons of sweetwater to produce an in stream concentration of 5.0 ppm
- 2) ProOxine™ concentrations should be monitored using a Bio-Cide test kit to maintain a 5.0 ppm concentration.

IN ANIMAL REARING AND CONFINEMENT FACILITIES

TO DISINFECT COMMERCIAL ANIMAL CONFINEMENT FACILITIES SUCH AS POULTRY HOUSES, SWINE PENS, CALF BARN AND KENNELS

Directions for Use:

- 1) Remove all animals and feed from premises, vehicles, enclosures, coops and crates.

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2) 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.

3) Empty all troughs, racks and other feeding and watering appliances.

4) Thoroughly clean all surfaces with soap or detergent and rinse with water.

5) Preparation of active disinfecting solution (500 ppm ClO₂): Place 1 1/3 fl. oz. of ProOxine™ concentrate per gallon of working solution into a clean, plastic pail and add ten (10) grams (2 teaspoons) of Bio-Cide Activator Crystals or food grade citric acid of no less than 99% purity. Prepare in a well ventilated area; avoid breathing any fumes which may be produced while crystals are dissolving. Allow five (5) minutes reaction time for crystals to dissolve completely. To this solution, add one (1) gallon of clean, potable water. This will yield a working solution containing 500 ppm of available chlorine dioxide.

6) To apply: Using commercial sprayer, saturate all surfaces with the activated ProOxine™ solution for a period of ten (10) minutes. Active solutions may be irritating when breathed, therefore, always use an applicable NIOSH/MSHA approved respirator appropriate for chlorine dioxide when spraying these solutions. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals as well as forks, shovels and scrapers used for removing litter and manure. After treatment, ventilate buildings, coops, or other enclosed spaces and allow to air dry. Repopulate when solution had dried. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before use.

TO DISINFECT POULTRY HOUSES

Special Instructions for Inactivating Avian Influenza A.

Kills Avian Influenza A on pre-cleaned environmental surfaces.

Directions for Use:

- 1) Remove all poultry and feed from premises, vehicles, enclosures, coops and crates.

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- 2) Remove all litter and droppings from floors, walls and surfaces of facilities and fixtures occupied or traversed by poultry.
 - 3) Empty all troughs, racks and other feeding and watering appliances.
 - 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
 - 5) Preparation of active disinfecting solution (500 ppm ClO₂): Place 1 1/3 fl. oz. of ProOxine™ concentrate per gallon of working solution into a clean, plastic pail and add ten (10) grams (2 teaspoons) of Bio-Cide Activator Crystals or food grade citric acid of no less than 99% purity. Prepare in a well ventilated area; avoid breathing any fumes which may be produced while crystals are dissolving. Allow five (5) minutes reaction time for crystals to dissolve completely. To this solution, add one (1) gallon of clean, potable water. This will yield a working solution containing 500 ppm of available chlorine dioxide.

6) To apply: Using commercial sprayer, saturate all surfaces with the activated ProOxine™ solution for a period of ten (10) minutes. Active solutions may be irritating when breathed, therefore, always use an applicable NIOSH/MSHA approved respirator appropriate for chlorine dioxide when spraying these solutions. Immerse all equipment used in handling and restraining animals as well as forks, shovels and scrapers used for removing litter and droppings. After treatment, ventilate buildings, coops, or other enclosed spaces and allow to air dry. Repopulate when solution had dried. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before use.

TO CONTROL THE BUILD-UP OF ODOR AND SLIME FORMING BACTERIA IN ANIMAL CONFINEMENT AREAS.

Directions for Use:

- 1) Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, cases and other facilities and fixtures occupied or traversed by animals. Thoroughly clean all surfaces with soap or detergent and rinse with clean water.

- 2) Preparation of solution: Place 2.6 fl. oz. ProOxine™ concentrate into a clean, plastic container. Dilute concentrate with one (1) gallon clean, potable water.
- 3) To apply: Using a commercial sprayer, saturate all surfaces with the ProOxine™ solution.

TO CONTROL THE BUILD UP OF SLIME AND ODOR CAUSING BACTERIA IN FEED WATERS.

Directions for Use:

- 1) Feed water should be treated at the rate of 0.4 fl. oz. ProOxine™ per 30 gallons of water (5 ppm available chlorine dioxide) and may be injected or batch loaded.
- 2) Feed water storage tanks should be sufficiently sealed to prevent outside contamination and direct sunlight.

TO CONTROL THE SPREAD OF LATE BLIGHT, SOFT ROT, DRY ROT, SILVER SCURF, RING ROT, PINK ROT, BLACK SCURF AND OTHER TUBER DISEASE CAUSING ORGANISMS IN POTATO STORAGE SHEDS:

DIRECTIONS FOR USE:

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

Dilution of ProOxine™ to 2% Solution

For all potato applications, the 5% ProOxine™ solution must be diluted to 2% solution prior to activation. Dilute 2 parts of ProOxine™ with 3 parts of water to obtain a 2% solution. 2 gallons of ProOxine™ + 3 gallons of water = 2% solution.

Activation of 2% Solution

Prior to application, the 2% solution must be activated by addition of a food grade acid in order to generate free chlorine dioxide. See below for directions on activation.

FOR THE TREATMENT OF WATER USED TO SPRAY OR RINSE POTATOES PRIOR TO STORAGE.

1) Activation:

For piling applications, activate 5 gallons of 2% solution with 25 oz. (1.6 lbs.) of citric acid (99% fine granular), or 7.5 fl. oz. of 75% phosphoric acid. Wait 30 minutes.

2) Dilution:

Dilute activated 2% solution to 400 ppm. 5 gallons of 2% solution + 250 gallons of water = 400 ppm solution.

3) Apply 400 ppm solution directly on tubers going into storage using any appropriate means such as spraying or misting. For small volume applications, refer to the Technical Data Sheet.

FOR THE TREATMENT OF HUMIDIFICATION WATER TO CONTROL TUBER DISEASE CAUSING ORGANISMS ON STORED POTATOES.

1) Activation:

For humidification applications, activate 5 gallons of 2% solution with 7.5 oz. (0.47 lbs.) of citric acid

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(99% fine granular), or 2.5 fl. oz. of 75% phosphoric acid. Wait 30 minutes.

2) Dilution:

Dilute activated 2% solution to 200 ppm. 5 gallons of 2% solution + 500 gallons of water = 200 ppm solution.

3) For continual treatment of high risk storage, an initial treatment up to 200 ppm may be added to the humidification as either a mist into the air stream, or as a fog directly into the plenums.

4) For the periodic treatment of storage with unknown risk, a treatment up to 200 ppm may be applied as either a mist into the air stream, or as a fog directly into the plenums.

5) To reduce the amount of water added to the storage during fogging treatments, concentrations of up to 400 ppm of activated product may be applied to the air streams.

Owners/operators of potato storage facilities must ensure adequate protection of workers and handlers, according to the following guidance.

PERSONAL PROTECTIVE EQUIPMENT

Personal protective equipment (PPE) that must be worn during mixer/loader task associated with pre-storage applications of ProOxine™ includes: chemical-resistant gloves, goggles/face shield, and NIOSH approved canister/cartridge respirator rated for chlorine/acid gas vapors or specified for chlorine dioxide.

Chemical resistant gloves must be worn for all other handler activities in which the worker is placed in direct contact with either the wet treated potatoes (e.g., during inspection/disease monitoring in the storage shed) or the humidification water system/process water tank (during equipment cleaning/maintenance.)

RESTRICTIONS

Do not allow unprotected workers in the area to be exposed above the permissible exposure limit (PEL) of 0.1 ppm for an 8 hour time weighted average (TWA), or 0.3 ppm for any 15 minute short term exposure limit (STEL).

Avoid storing product under conditions in which it could evaporate to a crystalline salt.

All potatoes treated must have a potable rinse applied before further processing.

Avoid accidental contact with acids, chlorine compounds, hypochlorite (bleach), sulfur and sulfite compounds, phosphorus, organic solvents, and combustible/flammable materials. Exposure to acids or chlorine compounds can produce uncontrolled generation of chlorine dioxide. Do not allow chlorine dioxide to accumulate in confined spaces.

Waste water containing residual chlorine dioxide and its breakdown products like chlorite, chlorate, or chloride ions will not be transferred to public water ways but kept in an open pond or reservoir to go through aeration (which helps in the dissociation of chlorine dioxide) in the confines of the treatment facility and only discarded after the levels of these pesticides are equal to or lower than the ones recommended by EPA's Office of Water.

STORAGE AND DISPOSAL

Storage: Store in a cool dark area in original container. Avoid storage in direct sunlight. In case of spill, flood with water before discarding to drain. Do not contaminate water, food or feed by storage or disposal.

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Container Disposal: Triple rinse. Then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill; or by incineration; or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals: Harmful if swallowed. Harmful if inhaled. Avoid breathing vapor or spray mist. Remove contaminated clothing and wash clothing before reuse. Causes moderate eye irritation. Avoid contact with eyes and clothing. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS

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: Chemical feed pumps and injectors must be chlorine resistant for best operation. Available ClO₂ levels should be confirmed using a Bio-Cide Test Kit, available from your local ProOxine™ distributor.

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FIRST AID	
If inhaled	<ul style="list-style-type: none">- Move person to fresh air.- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.- Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none">- 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 eyes	<ul style="list-style-type: none">- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye.- Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none">- Call a poison control center or doctor immediately for treatment advice.- Have a person sip a glass of water if able to swallow.- Do not induce vomiting unless told to do so by a poison control center or doctor.- Do not give anything by mouth to an unconscious person.
	Have the product container or label with you when calling a poison control center or doctor or going for treatment. For 24 hour emergency information on this product call NPIC at 1-800-858-7378
	For 24 hour transportation emergency information on this product call Chemtrec at 1-800-424-9300 (U.S., Canada, Puerto Rico, Virgin Islands) 1-703-527-3887 (all other areas)