



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue, NW
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

69151-5

JAN - 8 2004

Term of Issuance:

Conditional

Name of Pesticide Product:

STERITECH-D

NOTICE OF PESTICIDE:

Reregistration
 Registration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Steritech, Inc.
4610 N. Ash Street
Suite 101
Spokane, WA 99205

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 69151-5."
 - b. Active Ingredient:

Sodium Chlorite	2.8%
Other Ingredients	97.2%
Total	100.0%
 - c. Place the phrase "See Side Panels For Additional Precautions" on the front panel.

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Signature of Approving Official:

Date:

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Wanda Y. Mitchell, Acting Product Manager 32

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- d. Add the "Precautionary Statements" heading above "Hazards To Humans & Domestic Animals."

Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

A handwritten signature or mark consisting of a large, sweeping curve that starts on the left, loops back to the left, and then extends to the right.

STERITECH-D

FOR INSTITUTIONAL OR INDUSTRIAL USE ONLY

ACTIVE INGREDIENT: Sodium Chlorite..... 2.8%
 INERT INGREDIENTS:..... 97.2%
 TOTAL..... 100.0%

ACCEPTED
 with COMMENTS
 in EPA Letter Dated:

Equivalent to 2% Aqueous Stabilized Chlorine Dioxide

JAN - 8 2004

KEEP OUT OF REACH OF CHILDREN

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

69151-5

CAUTION

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 5 minutes, then continue rinsing eye.
- Call 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 poison control center or doctor for treatment advice.

IF SWALLOWED:

- Call *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 or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED:

- 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 poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage

HOT LINE NUMBER

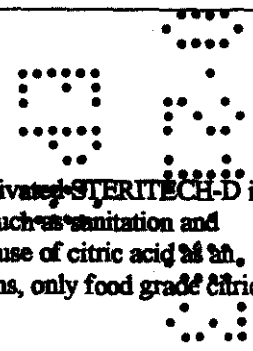
Have the product container or label with you when calling the poison control center or doctor, or going for treatment. You may also contact 1-800-858-7378 for emergency medical treatment information.

DIRECTIONS FOR USE

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

ACTIVATION

The active biocidal component of the STERITECH-D system is free chlorine dioxide. Unactivated STERITECH-D in the neutral to mildly alkaline pH range is bacteriostatic. For higher levels of microbial control, such as sanitation and disinfection, activation of STERITECH-D is required to generate free chlorine dioxide. The use of citric acid as an activator is specified in the STERITECH-D label applications. For food processing applications, only food grade citric acids should be used.



FOR USE IN THE PREPARATION OF FRUITS AND VEGETABLES TO EXTEND FRESHNESS AND SHELF LIFE. PRE-TREATMENT FOR UN-CUT, UNPEELED FRUITS AND VEGETABLES.

FOR USE IN THE PREPARATION OF FRUITS AND VEGETABLES TO EXTEND FRESHNESS AND SHELF LIFE. PRE-TREATMENT FOR UNCUT, UNPEELED FRUITS AND VEGETABLES:

See side panels for additional precautions

1. Before treatment, whole fruits and vegetables should be washed and thoroughly rinsed with clean potable water.
2. To one gallon of water add 1/3 fl. Oz. (10 ml.) of STERITECH-D and add one gram of citric acid crystals to adjust the pH to 2-3. Allow to stand for 15 minutes then add to 9 gallons of water (5.0 ppm of available chlorine dioxide.)
3. Dip produce in treatment solution for about 10 to 20 seconds, and then follow with a potable water rinse.

TO CONTROL THE BUILDUP OF ODOR AND SLIME FORMING BACTERIA IN PROCESS WATERS FOR VEGETABLE RINSES AND ASSOCIATED TANKS, FLUMES, AND LINES:

1. All tanks, flumes, and lines, should be thoroughly cleaned, when possible, with suitable detergent and completely rinsed using clean potable water prior to treatment.
2. Preparation of solution: Chill tanks or vegetables rinse tanks may be batch loaded at start up with 1/3 fl. Oz. (10 ml.) non-activated working solution of STERITECH-D per 10 gallons of potable water (5 ppm available chlorine dioxide). Make-up waters should be treated using a chemical feed pump or injector system and applied at the rate of 1/3 fl. Oz. per 10 gallons of potable water. Make new STERITECH-D solutions daily.

OPTIONAL ACTIVATED SOLUTION MAY BE USED IF HEAVY USE OF RINSE WATER IS EXPECTED OR IF SLIME BUILDUP IS EXTREME. AN ADDITIONAL ACTIVATION STEP MAY BE USED IN PREPARATION OF SOLUTION.

1. Preparation of activated solution: Prepare in a well-ventilated area. Avoid breathing fumes, which may be produced while crystals are dissolving. Measure 1/3 oz. (10 ml) of STERITECH-D and pour into a clean plastic container containing one gallon of water. Activate the solution by adding one gram of citric acid crystals.
2. Allow this solution to stand for 15 minutes and then add to nine (9) gallons of water (5 ppm chlorine dioxide). Chill tank or vegetable rinse tank may be batch loaded at start up with activated STERITECH-D solution with 1/3 fl. oz. (10 ml.) per 10 gallons of potable water (5 ppm available chlorine dioxide). Make-up waters should be treated using a chemical feed pump. In order to insure the accurate delivery, a 1:10 dilution of the active concentration should be made and a feed rate of 3 1/3 fl. oz. per 10 gallons should be maintained. Make up fresh STERITECH-D solution daily.

IN WATER TREATMENT AND WATER STORAGE SYSTEMS:

TO DISINFECT WATER STORAGE SYSTEMS ABOARD AIRCRAFT, BOATS, RV's, OFFSHORE OIL RIGS, ETC.:

1. Prior to disinfection, tanks should be cleaned using a suitable detergent and thoroughly flushed with clean, potable water. There is both a 10-minute and a one-hour disinfection procedure to choose from.
2. Preparation of active solution: For 10 minute procedure - Place 3 1/4 fl. Oz. (97.5 ml) of STERITECH-D concentrate into a clean plastic container and add 10 grams of citric acid crystals. Prepare in well-ventilated area. Avoid breathing fumes, which may be produced while crystals are dissolving. Allow 5 minutes reaction time for crystals to dissolve completely. Pour activated solution into tank and dilute with clean potable water filling the tank completely at the rate of 1 gallon for each 3 1/4 fl. Oz. STERITECH-D (500 ppm available chlorine dioxide). Bleed air out of lines and allow to stand at least 10 minutes. Drain tank and lines and flush with potable water.
3. For one-hour procedure: Place 3 1/4 fl. Oz. of STERITECH-D concentrate into a clean plastic container and add 10 grams of citric acid crystals. Prepare in a well-ventilated area. Avoid breathing fumes, which may be produced while crystals are dissolving. Allow 5 minutes reaction time for crystals to dissolve completely. Pour activated solution into tank and dilute with clean, potable water filling the tank completely, at the rate of 10 gallons for each 3 1/4 fl. Oz. STERITECH-D (50 ppm available chlorine dioxide). Bleed air out of lines and allow to stand at least one hour. Drain tank and lines, then fill with potable water.

TO CONTROL BUILD-UP OF SLIME AND ODOR CAUSING BACTERIA AND ENHANCE THE TASTE OF STORED POTABLE WATER:

1. Prior to treatment of potable water, thoroughly clean and disinfect the water storage system. Thoroughly rinse with clean, potable water.
2. Potable water should be treated at a rate of 1 fl. Oz. (30 ml) STERITECH-D per 30 gallons of potable water (5.0 ppm available chlorine dioxide) and may be injected or batch treated.
3. The water storage tank should be sufficiently sealed to prevent outside contamination and kept out of direct sunlight.
4. Using a STERITECH-D test kit, confirm the chlorine dioxide concentration to be 5 ppm and check to see that this amount does not fall below 1 ppm.

TO CONTROL MOLD AND SLIME FORMING BACTERIA ON WALLS, FLOORS, CEILINGS, AND POST-CROP MUSHROOM GROWING SURFACES:

1. Before treatment, all soil and gross filth must be removed from areas to be treated and cleaned with detergent followed by a potable water rinse.
2. Preparation of solution: Place 6 1/2 fl. Oz. (195 ml.) of STERITECH-D concentrate per gallon of working solution (1000 ppm available chlorine dioxide) into a clean plastic pail or drum and dilute with clean, potable water.
3. To apply: Drench, spray or fog solution onto walls, floors, ceilings and post-crop mushroom growing surfaces using a suitable watering, spraying or fogging device and making sure all surface areas are wet. During application area must be closed as tightly as

possible and sealed. After spraying or fogging, the area should be opened and aired for one hour before repopulating. Avoid breathing solution mist by use of an applicable NIOSH/MSHA approved respirator appropriate for chlorine dioxide. Avoid contact with food or food contact surfaces. Allow to air dry.

- 4. Repeat application as needed.

IN LABORATORIES, HOSPITALS, MORGUES, AND INSTITUTIONS:

This product is not to be used as a terminal sterilant/high-level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization of high-level disinfection.

TO DISINFECT NON-POROUS, HARD SURFACES SUCH AS TILE FLOORS, WALLS AND CEILINGS AND STAINLESS STEEL COLD ROOMS AND WALK-IN INCUBATORS:

- 1. Clean all surfaces thoroughly with a suitable detergent and rinse with water prior to disinfection.
- 2. Preparation of active disinfecting solution: Place 3 1/4 fl. Oz. (97.5 ml) of STERITECH-D concentrate into a clean, plastic pail and add 10 grams of citric acid crystals. Prepare in a well-ventilated area; avoid breathing fumes, which may be produced while crystals are dissolving. Allow 5 minutes reaction time for crystals to dissolve completely. To this solution add one gallon of clean, potable water to this solution (500 ppm available chlorine dioxide).
- 3. To apply: Activated solutions may be sprayed, mopped or sponged onto surfaces to be disinfected. All surfaces must be thoroughly wetted for at least 10 minutes. When spraying disinfectant solutions, use an appropriate spraying device. 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 re-use activated solutions.

TO CONTROL ODORS RESULTING FROM THE STERILIZATION OF SPENT BIOLOGICALS IN STEAM AUTOCLAVES:

- 1. To reduce autoclave odors of used biologicals, prepared solution should be sprayed or poured directly in to the stainless steel autoclave buckets.
- 2. Preparation of solution: Place 6 1/2 fl. Oz. (195 ml) of STERITECH-D concentrate into a clean glass or plastic container. Dilute concentrate to one gallon clean potable water per every 6 1/2 fl. Oz. (1000 ppm available chlorine dioxide).
- 3. To apply: spray or pour STERITECH-D solution into or onto the, autoclave buckets just prior to autoclaving.

TO DEODORIZE ANIMAL HOLDING ROOMS, MORGUES, AND WORK ROOMS:

- 1. Rooms to be deodorized should be in a clean condition prior to STERITECH-D application.
- 2. Preparation of solution: Place 6 1/2 fl. Oz. (195 ml) STERITECH-D concentrate per one gallon of working solution or 50 ml per one liter working solution (1000 ppm available chlorine dioxide) into a clean glass or plastic container.
- 3. To apply: Spray solution using a suitable spraying device, onto walls, ceilings and floors, lightly dampening all surfaces. Avoid breathing mist or solutions by using an applicable NIOSH/MSHA approved respirator appropriate for chlorine dioxide. Allow to air dry, then ventilate the area. Treat as required.

ANIMAL REARING AND CONFINEMENT FACILITIES

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

- 1. Remove all animals and feed from premises, vehicles, enclosures, coops and crates.
- 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 disinfectant solution: Place 3 1/4 fl. oz. (97.5 ml) STERITECH-D concentrate into a clean, plastic pail and add 10 grams of citric acid crystals. Prepare in a well-ventilated area. Avoid breathing fumes, which may be produced while crystals are dissolving. Allow 5 minutes reaction time for crystals to dissolve completely. To this solution, add one gallon of clean potable water (500 ppm of available chlorine dioxide).
- 6. To apply: Using commercial sprayer, saturate all surfaces with the activated STERITECH-D solution for a period of 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 in handling and restraining animals as well as forks, shovels, and scrapers used for removing litter and manure.
- 7. After treatment, ventilate buildings, coops or other enclosed spaces and allow to air dry. Repopulate when solution is dried.
- 8. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before reuse.

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. May cause skin and eye irritation. Avoid contact with eyes, skin, and clothing. Remove and wash contaminated clothing to avoid fire.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge effluent containing this product into lakes, stream, ponds, estuaries, oceans or 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 the 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.

CHEMICAL HAZARDS

Dry sodium chlorite is a strong oxidizing agent. This product becomes a fire or explosive hazard if allowed to dry. Mix only into water. Contamination may start a chemical reaction with generation of heat, liberation of hazardous gases, (chlorine dioxide a poisonous, explosive gas), and possible fire and explosion. Do not contaminate with garbage, dirt, organic matter, household products, chemicals, soap products, paint products, solvents, acids, vinegar, beverages, oils, pine oil, dirty rags, or any other foreign matter.

STORAGE AND DISPOSAL

Storage: Do not contaminate water, food, or feed by storage or disposal. Keep product in tightly closed container when not in use. Do not drop, roll, or skid drum. Keep upright. Always replace cover. Store in a cool, dry, well-ventilated area away from heat or open flame.

EMERGENCY HANDLING: In case of contaminating or decomposition, do not reseal container. If possible, isolate container in open well-ventilated area. Flood with large volumes of water. If fire occurs, extinguish fire by applying large quantities of water. Any unopened drums near the fire should be cooled by spraying with water.

PESTICIDE DISPOSAL: Pesticides wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

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

