58300-17 10/13/2004

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

EPA Reg. Number: 58300-17

Date of Issuance: OCT 13 2004

Term of Issuance: Conditional

Name of Pesticide Product: SaniCide Pro-2

NOTICE OF PESTICIDE:

___ Reregistration
_X_ Registration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Conceal International, Inc.
90 Kerry Place
Suite 2
Norwood, MA 02062

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 change:

   a. Revise the EPA Registration Number to read, "EPA Reg. No. 58300-17."
   b. Make the following typographical corrections:
      - change slim-forming to slime forming and NISH to NIOSH under "To control mold and mildew, odor and slime-forming bacteria on walls, floors and ceilings" heading.
      - change 3-1/3 fl. oz per 10 gallons to 3⅓ fl. oz per 10 gallons under "Optional activated solution may use if heavy use of rinse water is expected or if slime buildup is extreme. An additional activation step maybe used in solution preparation" directions for use.
      - change stream autoclaves to steam under "To control odors resulting from the sterilization of spent biological in steam autoclaves." directions for use.

Signature of Approving Official:

Wanda G. Mitchell for

Emily H. Mitchell, PM-32 - Antimicrobials Division (7510C)

Date: OCT 13 2004

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c. add the main heading "Water Treatment and Water Storage Systems" above use direction number 12.
d. change the term reoccupying to repopulating under "To control modl and slime forming bacteria on walls, floors, ceilings and post-crop mushroom growing surfaces" directions for use.

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.

SaniCide® Pro-2

Only for Agricultural, Animal Health, Commercial, Institutional or Industrial Use

For Use In:
Food Processing Plants
Poultry, Meat, Fish and Bottling Plants
Dairies, Breweries and Restaurants
Mushroom Facilities
Laboratories, Hospitals, Morgues and Institutions
Animal Holding Rooms, Sick Rooms and Work Rooms
Animal Rearing and Confinement Facilities

Sanitizer Disinfectant Deodorant
Controls Mold, Mildew, Odors and Slime-Forming Bacteria
Controls Build-Up of Odor and Slime
Controls Build-Up of Odor and Slime-Forming Bacteria
Enhances Taste of Stored Potable Water
Controls Animal Odors on Carpets

Active Ingredient:	
Sodium Chlorite	2.8%
Other Ingredients	97.2%
Total	100.0%

Equivalent to 2% Aqueous Stabilized Chlorine Dioxide

Keep Out of Reach of Children

CAUTION

See side [back] panel for additional precautionary statements.

EPA Reg. No. 58300-_____ **EPA Est. 58300-MA-1**

Net Contents: _____ gallons [fluid ounces]

ConSeal International, Inc.
90 Kerry Place, Suite 2
Norwood, MA 02062
(781) 278-0010
www.consealint.com

ACCEPTED
with COMMENTS
EPA Letter Dated:
OCT 13 2004

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 58300-17

{Side Panel(s) [Back Panel(s)]}

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

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

First Aid

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
If Swallowed	• Immediately call a poison control center or doctor for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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 a poison control center or doctor for treatment advice.
on Skin or Clothing	• Take off contaminated clothing. • Immediately rinse skin with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
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 a poison control center or doctor for further treatment advice.

{**Note:** The first aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.}

Physical or 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 (except as an activator as provided in the use directions), vinegar, beverages, oils, pine oil, dirty rags or any other foreign matter.

Environmental Hazards

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to 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.

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 **SaniCide® Pro-2** system is free chlorine dioxide. Unactivated **SaniCide® Pro-2** in the neutral to mildly alkaline pH range is bacteriostatic. For higher levels of microbial control, such as sanitation and disinfection, activation of **SaniCide® Pro-2** is required to generate free chlorine dioxide. The use of citric acid as an activator is specified in the **SaniCide® Pro-2** label applications.

In Food Processing Plants; Poultry, Meat, Fish and Bottling Plants; Dairies; Canneries; Breweries and Restaurants

1	**As a terminal sanitizing rinse for stainless steel and other hard, nonporous food contact surfaces such as tanks, transfer lines and other food process equipment:**

1. Remove all gross food particles and soil prior to sanitizing by use of a pre-flush, pre-scrape or pre-soak treatment.
2. Thoroughly clean tanks, lines or surfaces using a suitable detergent and rinse with clean, potable water before sanitizing.
3. Preparation of sanitizing solution: In a well-ventilated area, place 3¼ fl. oz. (97.5 ml) of **SaniCide® Pro-2** into a clean plastic pail or container and add 10 grams of citric acid crystals. Avoid breathing fumes produced while

crystals are dissolving. Allow 5 minutes' reaction time for crystals to completely dissolve. To this solution add 5 gallons of clean, potable water (100 ppm available chlorine dioxide).

4. To apply: Fill, flush, immerse or spray tanks, lines, equipment or food contact surfaces with active solution making sure surface area is thoroughly wet for at least 1 minute. After sanitizing, drain the tanks, lines or equipment and allow to air dry. Prepare fresh sanitizing solution daily or more often if solution becomes diluted or soiled.

2	**To disinfect walls, ceilings and floors:**

1. Before disinfection remove all gross filth from areas to be disinfected and thoroughly clean with a suitable detergent followed by a clean, potable water rinse.
2. In a well-ventilated area, place 3¼ fl. oz. (97.5 ml) of **SaniCide® Pro-2** into a clean plastic pail and add 10 grams of citric acid crystals. Avoid breathing any fumes produced while crystals are dissolving. Allow 5 minutes' reaction time for crystals to completely dissolve. To this solution add one gallon of clean, potable water (500 ppm available chlorine dioxide).
3. To apply: Spray disinfectant solution onto surfaces to be disinfected using a suitable spraying device and making sure that the area is thoroughly wet for at least 10 minutes. Active solutions may be irritating when breathed; therefore, use an applicable NIOSH/MSHA-approved respirator appropriate for chlorine dioxide when spraying these solutions. After application allow treated surfaces to air dry. Treat as required. Apply only freshly made solution; never re-use activated solutions.

3	**To control mold and mildew, odor and slim-forming bacteria on walls, floors and ceilings:**

1. Before treatment, remove all soil and gross filth from areas to be treated and clean with detergent followed by a potable water rinse.
2. Preparation of solution: Place 6½ fl. oz. of **SaniCide® Pro-2** per gallon of working solution (1,000 ppm available chlorine dioxide) into a clean plastic pail or drum and dilute with clean, potable water.
3. To apply: Spray solutions onto walls, floors and ceilings using a suitable spraying device and making sure all surface areas are damp. Avoid breathing solution mist by use of an applicable NISH/MSHA-approved respirator appropriate for chlorine dioxide. Avoid contact with food or food contact surfaces. Allow treated surfaces to air dry.
4. Repeat application as needed.

4	**To control the buildup of odor and slime; control taste in ice plants; and for poultry and meat processing plant water:**

1. Disassemble clean ice-making machinery and thoroughly clean with a detergent solution followed by a potable water rinse.
2. Meter into the incoming water to the ice plant potable water system one gallon of **SaniCide® Pro-2** per 1,000 gallons of water (20 ppm available chlorine dioxide).
3. As an additive to potable water in meat and poultry processing plants to inhibit bacterial slime and improve taste and odor, add one gallon of **SaniCide® Pro-2** per 1,000 gallons of water.

5	**To control the buildup of odor and slime-forming bacteria in process waters for vegetable rinses and associated tanks, flumes and lines:**

1. Prior to treatment thoroughly clean, when possible, all tanks, flumes, lines, etc. with a suitable detergent and completely rinse using clean, potable water.
2. Preparation of solution: Chill tanks or vegetable rinse tanks may be batch loaded at start up with 1/3 fl. oz. (10 ml) non-activated working solution of **SaniCide® Pro-2** per 10 gallons of potable water (5 ppm available chlorine dioxide). Treat make-up waters using a chemical feed pump or injector system and apply at the rate of 1/3 fl. oz. per 10 gallons potable water. Prepare new solutions daily.

6	**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 solution preparation:**

1. Preparation of activated solution: Prepare in a well-ventilated area. Avoid breathing any fumes produced while crystals are dissolving. Measure 1/3 fl. oz. (10 ml) of **SaniCide® Pro-2** 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 9 gallons of water (5 ppm chlorine dioxide). Chill tanks or vegetable rinse tanks may be batch-loaded at startup with activated solution with 1/3 fl. oz. (10 ml) per 10 gallons of potable water (5 ppm available chlorine dioxide). Treat make-up waters using a chemical feed pump. To ensure the accurate delivery, prepare a 1:10 dilution of the active concentration and maintain feed at the rate of 3-1/3 fl. oz. per 10 gallons. Prepare fresh solutions daily.

7	**For use in the preparation of fruits and vegetables to extend freshness and shelf life – pretreatment for uncut unpeeled fruits and vegetables:**

1. Before treatment wash whole fruits and vegetables and thoroughly rinse with clean potable water.
2. Add 1/3 fl. oz. (10 ml) of **SaniCide® Pro-2** and one gram citric acid crystals (to adjust the pH to 2-3) to one gallon of water. Allow to stand for 15 minutes then add to 9 gallons of water (5 ppm available chlorine dioxide).
3. Dip produce in treatment solution for approximately 10 to 20 seconds, followed by a potable water rinse.

8	**To control the build-up of odor and slime-forming bacteria in stainless steel transfer lines and on-line equipment such as hydrocoolers, pasteurizers, etc. overnight and over weekends:**

1. Before treatment, thoroughly clean equipment or lines using a suitable detergent followed by a clean potable water rinse.
2. Preparation and application of solution: For each 10 gallons of volume in lines and/or equipment, add 1¼ fl. oz. (37.5 ml) of **SaniCide® Pro-2** (20 ppm available chlorine dioxide) to potable make-up water. Mix the solution, fill lines and equipment and let stand overnight. Drain and allow to air dry just prior to next start-up.

9	**To control odor and slime-forming bacteria in cooling and warming water such as canning retort and pasteurizer cooling water used to decrease or increase packaged product temperature by immersion in or by spraying with the treated process waters:**

1. Before treatment, thoroughly clean, when possible, all tanks, tunnels, conveyor chains, heat exchanges, heat exchange towers, lines, spray bars and nozzles and completely rinse using clean potable water.
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 startup with one quart (950 ml) **SaniCide® Pro-2** per 1,000 gallons of potable water (5 ppm available chlorine dioxide). Use a timed or electronically-controlled chemical feed pump or injector system to maintain the 5 ppm available chlorine dioxide in the water system or for treating the make-up water. Prepare new solutions daily.

10	**Optional activated solution: Use an additional activation step in solution preparation if heavy use of cooling or warming water or introduction of additional bacterial loads is expected, or if slime buildup is heavy:**

1. Preparation of activated solution: Prepare in a well-ventilated area. Avoid breathing any fumes produced while crystals are dissolving. For each 1,000 gallons of water to be treated, measure 1 quart (50 ml) of **SaniCide® Pro-2** and pour into a clean plastic container, pail or drum. To this amount add citric acid crystals at the rate of 95 grams of crystals per quart of **SaniCide® Pro-2**. Allow 5 minutes' reaction time for crystals to dissolve. Dilute to 1,000 gallons for a working solution (5 ppm available chlorine dioxide). Batch load cooling or warming water systems at start up using one quart of the prepared solution per 1,000 gallons of potable water (5 ppm available chlorine dioxide). Employ batch or timed additions of the prepared solution or use an electronically-controlled chemical feed pump or injector system for additions of the prepared solution to the process water, maintaining a 5 ppm available chlorine dioxide concentration. Prepare new solutions daily.

11	**To inhibit bacterial slime-forming bacterial buildup in cooling water systems:**

1. Add 2½ gallons of **SaniCide® Pro-2** per 10,000 gallons (5 ppm available chlorine dioxide) of cooling water every week.
2. Depending on the degree and type of contamination, additional frequency may be reduced to every 2-3 weeks when contamination is under control.

12	**To disinfect water storage systems aboard aircraft, boats, RVs, offshore oil rigs, etc.:**

1. Prior to disinfection, clean tanks using a suitable detergent and thoroughly flush with clean, potable water. There is both a 10-minute and a one-hour disinfection procedure from which to choose.
2. Preparation of active solution (10 minute procedure): In a well-ventilated area, place 3¼ fl. oz. (97.5 ml) of **SaniCide® Pro-2** into a clean plastic container and add 10 grams of citric acid crystals. Avoid breathing fumes produced while crystals are dissolving. Allow 5 minutes' reaction time for crystals to completely dissolve. Pour activated solution into tank and dilute with clean potable water, completely filling the tank at the rate of one gallon for each 3¼ fl. oz. **SaniCide® Pro-2** (500 ppm available chlorine dioxide). Bleed air out of lines and allow to stand at least 10 minutes. Drain tank and line and flush with potable water.
3. Preparation of active solution (one hour procedure): In a well-ventilated area, place 3¼ fl .oz. **SaniCide® Pro-2** into a clean plastic container and add 10 grams of citric acid crystals. Avoid breathing fumes produced while the crystals are dissolving. Allow 5 minutes' reaction time for crystals to completely dissolve. Pour activated solution

into tank and dilute with clean potable water, completely filling the tank, at the rate of 10 gallons for each 3¼ fl. oz. **SaniCide® Pro-2** (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.

13	**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 then thoroughly rinse with clean potable water.
2. Treat potable water at a rate of 1 fl. oz. (30 ml) **SaniCide® Pro-2** per 30 gallons potage water (5 ppm available chlorine dioxide) and inject or batch treat.
3. The water storage tank should be sufficiently sealed to prevent outside contamination and kept out of direct sunlight.
4. Using a chlorite test kit, confirm the chlorite concentration to be 5 ppm and check to ensure this amount does not fall below 1 ppm.

14	**To help remove "off" odors and tastes from municipal well waters:**

1. Inject **SaniCide® Pro-2** into the incoming water main using a chemical proportioning pump or injector at a rate of 1 fl. oz. (30 ml) **SaniCide® Pro-2** per 150 gallons water (1 ppm available chlorine dioxide).
2. Confirm pump or injector accuracy using a chlorite test kit and adjust accordingly.
3. Check chlorite levels weekly.

In Mushroom Facilities such as Mushroom Production, Spawn Production, Mushroom Storage and Cannery Operations

15	**As a terminal sanitizing rinse for stainless steel tanks, transfer lines, on-line equipment, picking baskets, picking utensils and other food contact surfaces:**

1. Prior to sanitizing, remove all gross food particles and soil using a pre-flush, pre-scrape or pre-soak treatment.
2. Thoroughly clean picking baskets, line equipment or other surfaces using a suitable detergent and rinse with clean potable water before sanitizing.
3. Preparation of sanitizing solution: In a well-ventilated area, place 3¼ fl. oz. (97.5 ml) of **SaniCide® Pro-2** into a clean plastic pail or drum and add 10 grams of citric acid crystals. Avoid breathing fumes produced while crystals are dissolving. Allow 5 minutes' reaction time for crystals to completely dissolve. To this solution add 5 gallons of clean potable water (500 ppm available chlorine dioxide).
4. To apply: Flush picking baskets, line equipment or other food contact surfaces with active solution making sure surface areas are thoroughly wet for at least 1 minute. After sanitizing, drain baskets or equipment and allow to air dry. Treat after each use or production run. Discard solution after each use.

16	**To disinfect walls, ceilings and floors:**

1. Before disinfection, remove all gross filth from areas to be disinfected and thoroughly clean with a suitable detergent followed by a clean potable water rinse.
2. Preparation of active disinfecting solution: In a well-ventilated area, place 3¼ fl. oz. (97.5 ml) of **SaniCide® Pro-2** into a clean plastic pail and add 10 grams of citric acid crystals. Avoid breathing fumes produced while crystals are dissolving. Allow 5 minutes' reaction time for crystals to completely dissolve. To this solution add 1 gallon of clean potable water (500 ppm available chlorine dioxide).
3. To apply: Spray disinfectant solution onto surface using a suitable spraying device and make sure that the area is thoroughly wet for at least 10 minutes. Active solutions may be irritating when breathed; therefore, use an applicable NIOSH/MSHA-approved respirator appropriate for chlorine dioxide when spraying these sclutions. After application allow surfaces to air dry. Treat as required. Apply only freshly made solutions; never re-use activated solutions.

17	**To control mold and slime-forming bacteria on walls, floors, ceilings and post-crop mushroom growing surfaces.**

1. Before treatment, remove all soil and gross filth from areas to be treated and clean with detergent followed by a potable water rinse.
2. Preparation of solution: Place 6½ fl. oz. (195 ml) **SaniCide® Pro-2** per gallon of working solution (1,000 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, making sure all surface areas are wet. During application, area must be closed as tightly as possible and sealed. After spraying or fogging, open the area and air out for 1

hour before reoccupying. Avoid breathing solution mist by use of an NIOSH/MSHA-approved respirator appropriate for chlorine dioxide. Avoid contact with food or food contact surfaces. Allow treated surfaces 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 or high level disinfection.

18	**To disinfect non-porous, hard surfaces such as tile floors, walls and ceilings and stainless steel cold rooms and walk-in incubators:**

1. Thoroughly clean all surfaces with a suitable detergent and rinse with water prior to disinfection.
2. Preparation of active disinfecting solution: In a well-ventilated area, place 3¼ fl. oz. (97.5 ml) **SaniCide® Pro-2** into a clean plastic pail and add 10 grams of citric acid crystals. Avoid breathing fumes produced while crystals are dissolving. Allow 5 minutes' reaction time for crystals to completely dissolve. To this solution add 1 gallon of clean potable water (500 ppm available chlorine dioxide).
3. To apply: Activated solutions may be sprayed, mopped or sponged onto surfaces to be disinfected. Thoroughly wet all surfaces for at least 10 minutes. When spraying disinfectant solution use an appropriate spraying device. Active solutions may be irritating when breathed; therefore use a 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.

19	**To disinfect bench tops, biological hoods, incubators, stainless steel equipment and instruments:**

1. Thoroughly clean all surfaces with a suitable detergent and rinse with water prior to disinfection.
2. Preparation of active disinfectant solution: In a well-ventilated area, place 0.85 fl. oz. (25 ml) **SaniCide® Pro-2** into a clean plastic pail or glass beaker and add 2½ grams of citric acid crystals. Avoid breathing fumes produced while crystals are dissolving. Allow 5 minutes' reaction time for crystals to completely dissolve. Add this solution to 4.2 gallons (1 liter) of clean potable water (500 ppm available chlorine dioxide).
3. To apply: Activated solutions may be squirted directly onto surfaces from a plastic squeeze bottle or may be used as a soak solution. All contact surfaces must be thoroughly wet for at least 10 minutes. Allow treated articles to air dry. Activated solutions, stored in plastic squirt bottles, may be held up to 1 week before replacement with fresh solution. Change soak solutions daily.

20	**To disinfect water bath incubators:**

1. Prior to disinfection thoroughly clean the reservoir with a suitable detergent and rinse with clean water.
2. Preparation of active solution: In a well-ventilated area, place 1/3 fl. oz. (10 ml) **SaniCide® Pro-2** into a clean glass or plastic container. Add 1 gram of citric acid crystals per each 1/3 fl. oz. **SaniCide® Pro-2**. Avoid breathing fumes produced while crystals are dissolving. Allow 5 minutes' reaction time for crystals to completely dissolve. Add activated solution to 1 gallon of clean, potable water (50 ppm available chlorine dioxide).
3. To apply: Pour activated solution into waterbath reservoir and allow to stand 1 hour at room temperature. Drain reservoir and fill with fresh water.

21	**To control odor and slime-forming bacteria in waterbath incubators:**

1. Always begin with a freshly cleaned and disinfected reservoir when using **SaniCide® Pro-2** in waterbath incubators.
2. To apply: Fill waterbath with clean potable water to near capacity. For each gallon of water add 1/3 fl. oz. (10 ml) **SaniCide® Pro-2** (50 ppm available chlorine dioxide) or 2½ ml **SaniCide® Pro-2** per liter of water. When water becomes cloudy, discard water and repeat procedure.

22	**To control odors resulting from the sterilization of spent biological in stream autoclaves:**

1. To reduce autoclave odors of used biologicals, spray solution on, or directly pour prepared solution into, the stainless steel autoclave buckets.
2. Preparation of solution: Place 6½ fl. oz. (195 ml) **SaniCide® Pro-2** into a clean glass or plastic container. Dilute with 1 gallon clean potable water per each 6½ fl. oz. (1,000 ppm available chlorine dioxide).
3. To apply: Spray or pour solution into or onto the autoclave buckets just prior to autoclaving.

23	To deodorize animal holding rooms, sick rooms, morgues and work rooms:

1. Clean rooms prior to deodorization.
2. Preparation of solution: Place 6½ fl. oz. (195 ml) **SaniCide® Pro-2** per 1 gallon (or 50 ml per 1 liter) working solution (1,000 ppm available chlorine dioxide) into a clean glass or plastic container.
3. To apply: Spray solution using a suitable spraying device onto walls, ceiling and floors lightly dampening all surfaces. Avoid breathing mist by using an applicable NIOSH/MSHA-approved respirator appropriate for chlorine dioxide. Allow to air dry then ventilate the area. Treat as required.

In Animal Rearing and Confinement Facilities

24	To disinfect commercial animal confinement facilities such as poultry houses, swine pens, calf barns 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: In a well-ventilated area, place 3¼ fl. oz. (97.5 ml) **SaniCide® Pro-2** into a clean plastic pail and add 10 grams of citric acid crystals. Avoid breathing fumes produced while crystals are dissolving. Allow 5 minutes' reaction time for crystals to completely dissolve. To this solution add 1 gallon of clean potable water (500 ppm available chlorine dioxide).
6. To apply: Using a commercial sprayer, saturate all surfaces with the activated solution for a period of 10 minutes. Active solutions may be irritating when breathed; therefore 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.
7. After treatment, ventilate buildings and allow to air dry all coops and all other enclosed spaces.
8. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before use.

25	To control the build-up of odor and slime-forming bacteria in animal confinement areas:

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 6½ fl. oz. (195 ml) **SaniCide® Pro-2** per gallon of working solution (1,000 ppm available chlorine dioxide) into a clean plastic pail.
3. To apply: Using a commercial sprayer, saturate all surfaces with the solution. To avoid breathing mist when spraying solutions, use an applicable NISOH/MSHA-approved respirator appropriate for chlorine dioxide.

26	To control animal odors on carpets:

1. CAUTION: **SaniCide® Pro-2** may bleach some carpets and fabrics, especially if applied on top of another chemical agent. Do not apply until a sample test has been tried and observed for at least 24 hours.
2. Add 3 fl. oz. **SaniCide® Pro-2** per gallon of water or rug shampoo mix (500 ppm available chlorine dioxide) or 3 fl. oz. **SaniCide® Pro-2** per gallon of rinse water. Shampoo carpet and allow to air dry.

Storage and Disposal

Do not contaminate water, food or feed by storage or disposal.

Storage: 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. **Pesticide Disposal:** Pesticide 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 {non-returnable containers}:** 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). [**Container Disposal {returnable totes:}** Container is returnable. Verify that the tote is empty. Do not rinse or clean. Seal tote and contact supplier for return instructions.]

Emergency Handling

In case of contamination or decomposition do not reseal container. If possible, isolate container in open and well-ventilated area; flood with large volumes of water. If fire occurs extinguish fire by applying large quantities of water. Cool any unopened drums near the fire by spraying with water.

Notice: Seller expressly warrants that this product conforms to its chemical description. There are no warranties associated with the sale of this product, either express or implied, including but not limited to, the warranties of fitness for a particular purpose or use.

[ ] Denotes alternate/optional language
{ } Denotes language that does not appear on the market label.