

58300-13

12/5/2001

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Antimicrobials Division (7510C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg.  
Number:

58300-13

Date of Issuance:

DEC 5 2001

Term of Issuance:

Conditional

Name of Pesticide Product:

Sanicide™ AH-5

## NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Conseal International, Inc.  
728 Industry Road  
Longwood, Florida 32750

**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 before you release the product for shipment:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 58300-13".
- b. Delete the "s" on the word "Hazards" in the line immediately following the "Precautionary Statements".
- c. Delete the "s" on the word "Ingredients" in the Ingredient Statement.

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Signature of Approving Official:

Robert S. Brennis, Acting PM 32

Date:

DEC - 5 2001

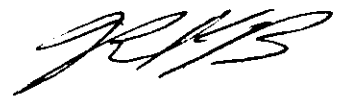
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3. Submit two copies of the revised final printed label for the record.

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 in black ink, appearing to be 'JRB', is located in the upper right quadrant of the page.

PRECAUTIONARY STATEMENT  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

FIRST AID	
If inhaled	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
If on skin or clothing	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 - 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If in eyes	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed	<ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact Chem-Tel, Inc. at 800-255-3924 for emergency medical treatment information.	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate the use of gastric lavage.	

ENVIRONMENTAL HAZARD

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless in accordance with the requirements of a National Pollution 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 sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

CHEMICAL AND PHYSICAL HAZARDS

Stabilized chlorine dioxide is a strong oxidizing agent. Contamination with other materials such as acids, chlorine, organic chemicals, etc., may cause a chemical reaction, resulting in evolution of chlorine dioxide gases and heat. Explosion and/or fire could result. Chlorine dioxide is a poisonous explosive gas. Keep all chemical and foreign materials away from this solution.

STORAGE AND DISPOSAL

Do not store with easily oxidizable materials, acids, reducers and combustible materials. Avoid heat or freezing conditions. Store upright and do not stack drums over 2 high on pallets or partially filled drums. Use of a drum pump is suggested. Keep drum tightly closed when not withdrawing liquid. In use of spills, dilute with large quantities of water. Do not allow liquid to dry because this could present a fire hazard. Store only in the original container and take care to prevent cross contamination with other pesticides, fertilizer, food and feed.

EMERGENCY HANDLING: In case of contamination or decomposition, do not re-seal container. Isolate in an open, well-ventilated area. Flood with large volumes of water. Cool unopened drums in vicinity by water spray.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or 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 directions, 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 (or equivalent). 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.

NOTICE: Seller expressly warrants that the 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.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Before using this product in the generation of chlorine dioxide for biological control in Barns, Poultry, Swine & Cattle and Pet Kennels, see Product Data.

# SaniCide™ AH-5

## Animal Health

5% AQUEOUS STABILIZED  
CHLORINE DIOXIDE

ANIMAL HEALTH  
DISINFECTANT/DEODORIZER  
POULTRY HOUSES, SWINE PENS,  
CALF BARN AND KENNELS

Active Ingredients:

Chlorine Dioxide: ..... 5%  
Inert Ingredients: ..... 95%  
100%

KEEP OUT OF REACH OF CHILDREN

### CAUTION

SEE SIDE PANELS FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS

RG

E.P.A. REG. NO. 58300- E.P.A. EST. NO. 58300-FL-001

NET CONTENTS: \_\_\_\_\_ Gal.

FOR INSTITUTIONAL OR  
INDUSTRIAL USE

ACCESSED  
WITH COMMENTS  
in EPA Letter Dated:  
NSF IC 5 2001

NSF International certifies that this product conforms to the requirements of ANSI/APA Standard for Drinking Water Treatment Chemicals. NSF International is a pesticide registered under EPA Reg. No. 58300-13

CONSEAL INTERNATIONAL, INC.  
Longwood, Florida

Rev 9-19-01

SaniCide™ is a Trademark of ConSeal Intern

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## PRODUCT DATA - SANICIDE™ AH-5

### IN ANIMAL REARING & 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, vehicle 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 and detergent and rinse with water.
5. Preparation of active disinfectant solution: Place 1-1/3 fl.oz SaniCide™ AH-5 concentrate into a clean, plastic pail, add one (1) gallon of clean potable water and 1.2 grams of DRA-1.

Prepare in a well-ventilated area. Avoid breathing any fumes which may be produced and allow fifteen (15) minutes reaction time for the release agent to dissolve completely. This will yield a working solution containing 500 ppm of available chlorine dioxide. As an alternate activation method, adjust pH to 4.0 with acetic, citric, phosphoric, sulfuric or hydrochloric acid, or add 1/4 up to 1/2 (.25 up to .5) grams of SaniCide™ DRA-LT.

6. To apply: Using commercial sprayer, saturate all surfaces with the activated SaniCide™ AH-5 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.

7. After treatment, ventilate building, coops or other enclosed spaces and allow to air dry. Repopulate when solution has dried.

8. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before use.

#### TO DISINFECT COMMERCIAL ANIMAL CONFINEMENT FACILITIES SUCH AS SWINE PENS AND BARN.

##### Directions for Use:

1. Remove all animals and feed from premises, vehicle 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 and detergent and rinse with water.

5. Preparation of active disinfectant solution: Place 1-1/3 fl.oz SaniCide™ AH-5 concentrate into a clean, plastic pail, add one (1) gallon of clean potable water and 1.2 grams of DRA-1.

Prepare in a well-ventilated area. Avoid breathing any fumes which may be produced and allow fifteen (15) minutes reaction time for the release agent to dissolve completely. This will yield a working solution containing 500 ppm of available chlorine dioxide. As an alternate activation method, adjust pH to 4.0 with acetic, citric, phosphoric, sulfuric or hydrochloric acid, or add 1/4 up to 1/2 (.25 up to .5) grams of SaniCide™ DRA-LT.

6. To apply: Using commercial sprayer, saturate all surfaces with the activated SaniCide™ AH-5 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.

7. After treatment, ventilate building, coops or other enclosed spaces and allow to air dry. Repopulate when solution has dried.

8. 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 2-2/3 fl.oz. SaniCide™ AH-5 concentrate per gallon of working solution (1,000 ppm available ClO<sub>2</sub>) into a clean, plastic pail. Dilute concentrate with one (1) gallon clean, potable water for each 2-2/3 fl.oz. SaniCide™ AH-5.

3. To apply: Using a commercial sprayer, saturate all surfaces with the SaniCide™ AH-5 solution. When spraying SaniCide™ solutions, always use an applicable NIOSH/MSHA-approved respirator appropriate for chlorine dioxide to avoid breathing mist.

#### TO CONTROL ANIMAL ODORS ON PETS AND IN LITTER BOXES, CARPETS AND CONCRETE FLOORS.

##### Directions for Use:

1. For litter boxes: Wash out litter boxes with suitable detergent and rinse with clean, potable water. Soak overnight in solution of one (1) oz. SaniCide™ AH-5 per 2-1/2 quarts of water (625 ppm available chlorine dioxide). Add litter, sprinkle surface liberally with SaniCide™ AH-5 solution.

2. For controlling odors in carpets: Add 1-1/4 oz. SaniCide™ AH-5 per gallon (500 ppm available chlorine dioxide) of either rug shampoo mix or 1-1/4 oz. SaniCide™ AH-5 per each gallon of rinse water. Shampoo carpets. Allow to air dry. CAUTION: SaniCide™ AH-5 may bleach some carpets and fabrics, especially if applied on top of another chemical agent. Do not apply until a sample has been tried and observed for at least 24 hours.

3. For concrete floors: Clean floor thoroughly using a suitable detergent; rinse with clean water. Prepare solution by adding 3-1/4 oz. (1250 ppm available chlorine dioxide) SaniCide™ AH-5 per gallon of water. Mop or spray solution liberally onto floor. Allow to air dry.

4. For animal baths: Wash animal well with appropriate pet shampoo. Rinse with clean water. Prepare solution by adding 1/4 oz. SaniCide™ AH-5 (100 ppm available chlorine dioxide) per gallon of water. Rinse animal thoroughly with prepared solution. Allow to air dry. Avoid direct contact with animals eyes, nose and ears.

5. For treating animal odor with high levels of ammonia: Wash area thoroughly with suitable detergent and rinse with clean water. Preparation of solution: For each gallon of solution, place 1-2/3 oz. SaniCide™ AH-5 into a clean, plastic container. To this concentrate, add one (1) tablespoon household bleach and allow to react for five (5) minutes. Dilute with one (1) gallon clean potable water. Apply by mopping or spraying solution liberally onto area. Allow to air dry. Additional application may be necessary.

#### TO DISINFECT NON-POROUS HARD SURFACES SUCH AS 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: Place 1-1/3 fl.oz. of SaniCide™ AH-5 concentrate into one gallon of water in a clean, plastic pail, and add 1.2 grams of DRA-1. This will yield a working solution containing 500 ppm available chlorine dioxide. Prepare in a well-ventilated area, avoid breathing any fumes which may be produced during activation. Allow 15 minutes reaction time and for the release agent to dissolve completely. As an alternate activation method, adjust the pH of the diluted SaniCide™ AH-5 to 4.0 with acetic, citric, phosphoric, sulfuric or hydrochloric acid, or add 1/4 up to 1/2 (.25 up to .5) grams of SaniCide™ DRA-LT.

3. To apply: Activated solution may be sprayed, mopped or sponged onto surfaces to be disinfected. All surfaces must be thoroughly wetted for at least ten (10) minutes. When spraying disinfectant solutions, use an appropriate spraying device. Active solution 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 solution. Never reuse activated solution.