

58300-9

4-26-2000

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (75100)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

58300-9

Date of Issuance:

APR 26 2000

NOTICE OF PESTICIDE:

- Registration
- Reregistration

Term of Issuance:

Conditional

Name of Pesticide Product:

ZyDox®-AH-05

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Dyn-O-Mite 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:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 58300-9".
- b. Revise the "Precautionary Statements" to read:
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.

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

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Signature of Approving Official:

Robert S. Brennis, PM 32


Date:

APR 26 2000

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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 dark ink, appearing to be 'J. R. [unclear]', is written in a cursive style.

PRODUCT DATA - ZYDOX®-AH-05

ANIMAL REARING & CONFINEMENT FACILITIES

DISINFECT COMMERCIAL, ANIMAL CONFINEMENT FACILITIES SUCH AS PIG HOUSES, SWINE PENS, CALF BARNES AND KENNELS

Directions for Use:

Remove all animals and feed from premises, vehicle enclosures, coops and

Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, cages and other facilities and fixtures occupied or traversed by animals.

Thoroughly clean all troughs, racks and other feeding and watering appliances.

Thoroughly clean all surfaces with soap and detergent and rinse with water.

Preparation of active disinfectant solution: Place 1-1/3 fl.oz. ZyDox®-AH-05 into a clean, plastic pail, add one (1) gallon of clean potable water and 1.2 grams of DRA-1.

Use in a well-ventilated area. Avoid breathing any fumes which may be produced during activation. Allow fifteen (15) minutes reaction time for the release agent to dissolve. This will yield a working solution containing 500 ppm of available chlorine. As an alternate activation method, adjust pH to 4.0 with acetic, citric, phosphoric, sulfuric or hydrochloric acid, or add 8.6 grams of DRA-2.

To apply: Using commercial sprayer, saturate all surfaces with the activated solution for a period of ten (10) minutes. Active solutions may be inhaled, therefore, always use an applicable NIOSH/MSHA-approved respirator appropriate for chlorine dioxide when spraying these solutions. Immerse all tools and other types of equipment used in handling and restraining animals, forks, shovels and scrapers used for removing litter and manure.

Remove, ventilate building, coops or other enclosed spaces and allow to dry completely when solution has dried.

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

DISINFECT COMMERCIAL ANIMAL CONFINEMENT FACILITIES SUCH AS PIG HOUSES AND BARNES.

Directions for Use:

Remove all animals and feed from premises, vehicle enclosures, coops and

Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls and other facilities and fixtures occupied or traversed by animals.

Thoroughly clean all troughs, racks and other feeding and watering appliances.

Thoroughly clean all surfaces with soap and detergent and rinse with water.

Preparation of active disinfectant solution: Place 1-1/3 fl.oz. ZyDox®-AH-05 into a clean, plastic pail, add one (1) gallon of clean potable water and 1.2 grams of DRA-1.

Use in a well-ventilated area. Avoid breathing any fumes which may be produced during activation. Allow fifteen (15) minutes reaction time for the release agent to dissolve. This will yield a working solution containing 500 ppm of available chlorine. As an alternate activation method, adjust pH to 4.0 with acetic, citric, phosphoric, sulfuric or hydrochloric acid, or add 8.6 grams of DRA-2.

To apply: Using commercial sprayer, saturate all surfaces with the activated solution for a period of ten (10) minutes. Active solutions may be inhaled, therefore, always use an applicable NIOSH/MSHA-approved respirator appropriate for chlorine dioxide when spraying these solutions. Immerse all tools and other types of equipment used in handling and restraining animals, forks, shovels and scrapers used for removing litter and manure.

Remove, ventilate building, coops or other enclosed spaces and allow to dry completely when solution has dried.

Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains and other fixtures 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, cages 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. ZyDox®-AH-05 concentrate per gallon of working solution (1,000 ppm available ClO₂) into a clean, plastic pail. Dilute concentrate with one (1) gallon clean, potable water for each 2-2/3 fl.oz. ZyDox®-AH-05.

3. To apply: Using a commercial sprayer, saturate all surfaces with the ZyDox®-AH-05 solution. When spraying ZyDox® 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. ZyDox®-AH-05 per 2-1/2 quarts of water (625 ppm available chlorine dioxide). Add litter, sprinkle surface liberally with ZyDox®-AH-05 solution.

2. For controlling odors in carpets: Add 1-1/4 oz. ZyDox®-AH-05 per gallon (500 ppm available chlorine dioxide) of either rug shampoo mix or 1-1/4 oz. ZyDox®-AH-05 per each gallon of rinse water. Shampoo carpets. Allow to air dry. CAUTION: ZyDox®-AH-05 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) ZyDox®-AH-05 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. ZyDox®-AH-05 (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. ZyDox®-AH-05 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 ZyDox®-AH-05 concentrate in one gallon of water into 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 ZyDox®-AH-05 to 4.0 with acetic, citric, phosphoric, sulfuric or hydrochloric acid, or add 8.6 grams of DRA-2.

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.

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