Pm 32	58300 - 5	8/9/	99		
UNITED STATES	 U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Antimicrobials Division (H7510C) 401 "M" St., S.W. 		EPA Reg. Number:	Date of Issuance:	
			58300-5		
THE PROTECTION	Washington, D.C. 20460	F	Term of Issuance:		
	NOTICE OF PESTICIDE:		Conditional		
<u>x</u> Registration Reregistration					
		on	Name of Pesticide Product:		
(under FIFRA, as amended)			ZyDox AD-05		
	of Registrant (include ZIP Code):				
Dyn-O-Mite 718 Industi	International, Inc.				
	florida 32750				
be submitted to ar	abeling differing in substance from that d accepted by the Registration Division this product always refer to the above	prior to use of	the label in co	is registration must mmerce. In any	
	formation furnished by the registrant, tered under the Federal Insecticide, Fu			eby	
In order to protect cancel the registrate with the registrate	no way to be construed as an endorseme the alth and the environment, the Admin ation of a pesticide in accordance with ion of a product under this Act is not he name or to its use if it has been co	istrator, on his the Act. The ac to be construed a	motion, may at . ceptance of any	any time suspend or name in connection	
	product is conditionally 3(c)(7)(A) provided that	-	d in accor	dance with	
reregistrat Agency requ data; and s	abmit and/or cite all data tion of your product undenties all registrants of submit acceptable response oduct under FIFRA section	er FIFRA se similar p ses require	ec, 3(c)(5 coducts to	b) when the b submit such	
2. Make the following label changes:					
a.	a. Revise the EPA Registration Number to read, "EPA Reg. No. 58300-5".				
. ď'	b. Revise the "Environmental Hazards" Statement to read:				
"This pesticide 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 Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing					
			I	Page 1 of 2	
Signature of Appro	WiegOfficiel:		Date:	0 800	
Roberts	Brennis, Acting PM 32		AUG	9 1999	
PA Form 8570-6	Acting the Se		<u> </u>		

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> 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".

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

4. Submit a revised Confidential Statement of Formula (CSF).

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.

Alle

PRECAUTIONARY STATEMENT HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid contact with skin, eyes or clothing.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Drink promptly a large quantity of water. Do not induce vomiting. Avoid alcohol. Get medical attention.

If in Eyes: Flush with plenty of water for 15 minutes. Get medical attention.

If On Skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARD

This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an NPOES permit. Do not discharge effluent containing this product to sever systems without previously notifying the sevage treatment plant authority. For guidance contact your State Water Board or Regional Office of 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 material. 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 reseal 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 insate is a violation of Federal Law. If these wastes cannot be disposed of by use according to tabel 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 finplied, including but not limited to, the warranties of fitness for a particular

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 Mushroom & Vegetable Processing & Canning operations, see Product Data.

ZyDox-AD-05™

5% AQUEOUS STABILIZED CHLORINE DIOXIDE

MUSHROOM AND VEGETABLE RINSE APPLICATIONS DISINFECTANT/DEODORIZER

Active Ingredients:

Chlorine Dioxide:	
Inert Ingredients:	<u>95%</u>
	100%

KEEP OUT OF REACH OF CHILDREN CAUTION

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS

E.P.A. REG. NO.

E.P.A. EST. NO. 58300

NET WT. _____ lbs.

FOR INSTITUTIONAL OR INDUSTRIAL USE

DYN-O-MITE INTERNATIONAL, INC. Longwood, Florida



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PRODUCT DATA - ZYDOX-AD-05

IN MUSHROOM FACILITIES, SUCH AS MUSHROOM PRODUCTION, SPAWN PRODUCTION, MUSHROOM PROCESSING, AND CANNERY OPERATIONS

AS A TERMINAL SANITIZING RINSE FOR STAINLESS STEEL TANKS, TRANSFER LINES, ON-LINE EQUIPMENT, PICKING BASKETS, PICKING UTENSILS AND OTHER FOOD CONTACT SURFACES.

Directions for Use:

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 picking baskets, line equipment or other surface thoroughly using a suitable detergent and rinse with clean potable water before sanitizing.

3. Preparation of sanitizing solution: Place 1-1/3 fl. oz. of ZyDox-AD-0S concentrate into a clean plastic pail or drum, add five (5) gallons of clean potable water and add 1.2 grams of Activator-C. Prepare in well ventilated area. Avoid breathing any fumes which may be produced while activator is dissolving. Allow fifteen (15) minutes reaction time for activator to dissolve completely. This will yield a working solution containing 100 ppm available chlorine dioxide. As an alternate activation method, adjust the pH to 4.0 with acetic, citric, phosphoric, sulfuric or hydrochloric acid, or add 10 grams of Activator K.

4. To apply: Flush picking baskets, line equipment or other food contact surface with active solution making sure surface area is thoroughly wet for at least one (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.

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: Place 1-1/3 fl. oz. of ZyDox-AD-05 concentrate per gallon of working solution (500 ppm available chlorine dioxide) into a clean plastic pail. Add one gallon of clean, potable water and add 1.2 grams of Activator-C. Prepare in a well ventilated area, avoid breathing any fumes which may be produced while activator is dissolving. Allow fifteen (15) minutes reaction time for activator to dissolve completely. This will yield a working solution containing 500 ppm of available chlorine dioxide. As an alternate activation method, adjust the pH to 4.0 with acetic citric, phosphoric, sulfuric or hydrochloric acid, or add 8.6 grams of Activator K.

3. To apply: Spray disinfectant solution onto surface 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 CONTROL MOLD AND SLIME FORMING BACTERIA ON WALLS, FLOORS, CEILINGS, AND POST-CROP MUSHROOM GROWING SURFACES.

Directions for Use:

1. Before treatment, all soil and gross filth must be removed from areas

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NOTE: Chemica best ope ZyDox 1 shelf life

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Optional

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