

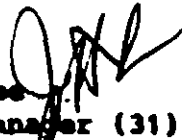
U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-787) WASHINGTON, DC 20460	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; padding: 2px;"> EPA REGISTRATION 5185-386 YEAR OF ISSUANCE </td> <td style="width: 40%; padding: 2px;"> DATE OF ISSUANCE APR 16 1990 </td> </tr> <tr> <td colspan="2" style="padding: 5px;"> NAME OF PESTICIDE PRODUCT BIOGUARD 453 </td> </tr> </table>	EPA REGISTRATION 5185-386 YEAR OF ISSUANCE	DATE OF ISSUANCE APR 16 1990	NAME OF PESTICIDE PRODUCT BIOGUARD 453	
EPA REGISTRATION 5185-386 YEAR OF ISSUANCE	DATE OF ISSUANCE APR 16 1990				
NAME OF PESTICIDE PRODUCT BIOGUARD 453					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 45%; padding: 5px;"> NOTICE OF PESTICIDE: ☒ REGISTRATION ☐ REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended) </td> <td style="width: 55%;"></td> </tr> </table>		NOTICE OF PESTICIDE: ☒ REGISTRATION ☐ REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)			
NOTICE OF PESTICIDE: ☒ REGISTRATION ☐ REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)					
NAME AND ADDRESS OF REGISTRANT (Include ZIP code) BIO-LAB, Inc. P.O. Box 1489 Brentwood, TN 37027					
NOTE: Changes in labeling formula 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 U.S. 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. A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith. Registration is in no way to be construed as an indorsement or approval of this product by this 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 section 3(c)(7)(A) provided that you: 1. Submit/cite all data required for registration of your product under FIFRA section 3(c)(7) when the Agency requires all registrants of similar products to submit such data. 2. Make the labeling changes listed below and release the product for shipment: a. Add the phrase "EPA Registration No. 5185-386." b. The percentages and their order for the active ingredients be aligned to the same right margin. c. Revise referral statement to read: see back panel for additional precautionary statements. d. Revise "...using a brush, mop, cloth or sponge." to read: "...using a brush, mop, cloth or sponge and all surfaces thoroughly."					
BEST AVAILABLE COPY					
☒ ATTACHMENT IS APPLICABLE					
SIGNATURE OF APPROVING OFFICIAL	DATE				

e. Delete the reference to "BioGuard 903".

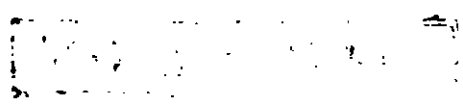
f. Revise "Bacillus cereus" to read "Bacillus cereus (vegetative form)."

3. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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.


John H. Lee
Product Manager (31)
Antimicrobial Program Branch
Registration Division (H7505C)

Enclosure



BlueGuard (R)
453 (TM)

Hatchery Disinfecting Cleaner

EFFECTIVE IN 400 PPM FREE BATH AND A 5% ORGANIC SOLUTION.
RECOMMENDED FOR CHICKENS, TURKES, DUCK, GOOSE AND OTHER
HATCHERIES.

BACTERICIDE VIRUCIDE*

*See back panel for specific claims.

ACTIVE INGREDIENTS:

Alkyl (C14, 50%; C15, 28%; C12, 14%)

dimethyl benzyl ammonium chloride 2.11%

Alkyl (C12, 61%; C14, 24%; C16, 11%; C18, 2.5%)

C8 & C10, 2.5%) dimethyl benzyl ammonium chloride 12.11%

OTHER INGREDIENTS: 94.90%

TOTAL INGREDIENTS: 100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

(See back panel for Statement of Practical Treatment and
additional precautionary statements.)

FOR INDUSTRIAL AND COMMERCIAL USE ONLY

MANUFACTURED BY

BIO-LAB, INC., Decatur, GA 30030, USA

NET CONTENTS: 5 Gal. (18.9L)

EPA Reg. No. 5105-

EPA Est. No. 5105-GA-1

RECORDED
with COMMENTS
in F

APR 16 1990

185-386

BEST AVAILABLE COPY

BEST AVAILABLE COPY

ACCEPTED
with COMMENTS
in EPA Letter Dated:

APR 16 1990

Labels must also be displayed prominently wherever the disinfectant is used. Remove batteries from all equipment, even in long-term storage, and use 400 ppm available chlorine. Some manufacturers, however, recommend disinfecting agents, detergent buffers and neutralizers. Some cleaning functions, if generally may be used on any environmental surface, the batteries not harmed by water. Some manufacturers also recommend by killing microorganisms causing odors. It is not permitted and will not mask or hide odors that are present.

Proguard 453 is an effective disinfectant on hard, non-porous surfaces against a broad range of bacteria, viruses, fungi, and parasites. It can also kill bacteria and viruses that are resistant to other disinfectants.

An effective disinfecting cleaner helps limit the spread of contamination from area to area in the hatchery during the actual cleaning process.

WARNINGS FOR USE

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

GENERAL INSTRUCTIONS FOR CLEANING AND DISINFECTING: Remove debris and such as scales, shell and hatching debris by crushing with water, vacuuming or sweeping. Apply a cleaning/disinfectant solution containing 2 ounces of Proguard 453 per gallon of water using a brush, mop, cloth or sponge. Let the solution contact surface for 10 minutes, then scrub and rinse the surface with potable water.

The step cleaning and disinfecting is not recommended for batteries. After cleaning and disinfecting surfaces with Proguard 453, allow surfaces to dry and then disinfect the surfaces again with Proguard 453 (100%) according to label directions for that product, or, if you wish, prepare a fresh solution of Proguard 453 at 2 oz. per gallon. Do not rinse the treatment from surfaces until the surface is cleaned again.

Prepare fresh use solutions daily. Discard use solutions that become visibly soiled. When cleaning bottles and hatching, use a fresh bucket of solution for each machine.

Use Proguard 453 to clean walls, floors, ceilings, ventilation ducts, fans, plastic trays, plastic chick boxes, conveyors, ladders, racks, refuse cans and all other surfaces, utensils, and equipment in the hatchery. Do not use on surfaces that would be harmed by water.

FOAM CLEANING: Spray foam Proguard 453 diluted 2 oz. per gallon of water on all surfaces to be cleaned. Let foam stand for 10 minutes, brush surfaces where necessary for complete soil removal and rinse with potable water.

WALLS AND FLOORS: Proguard 453 may be used to clean footbaths or a hose bath at 4 oz. per gallon of water.

CHICK VANS, LUGGERS, TRUCKS, EQUIPMENT'S VEHICLES, ETC.: Use Proguard 453 at 2 oz. per gallon to clean and disinfect the interior and exterior of these vehicles.

WALLS: Proguard 453 has excellent disinfecting properties and should not be used to clean or disinfect other vaccine materials, needles, hoses or diluent bottles. The disinfectant solution could inactivate the virus and destroy the vaccine effectiveness.

Unlabeled
disinfectant
S/85-386

BEST AVAILABLE COPY

EFFECTIVITY CHART

Endo Label 403 is the E.P.A. (EPA) registered test method for control of 403 - bactericidal at 1:64 against the following organisms:

Bacillus cereus	Salmonella choleraesuis	Streptococcus
apalaticus		
Candida albicans	Salmonella typhosa	Streptococcus faecalis
Enterobacter		
aerogenes	Serratia marcescens	Streptococcus
Escherichia coli	Shigella sonnei	
Haemophilus		
multiculus		
Pseudomonas		
aeruginosa		
Proteus morganii		

USES: Endo Label 403 is an effective hard surface disinfectant against the following viruses at 1:64.

Avian Influenza Virus (Turkey) and Avian Influenza Virus (Duck)
Infectious Bronchitis (Avian)

Newcastle Disease

STORAGE AND DISPOSAL: Store product only in original container. Keep container closed when not in use. Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. 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 instruction, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest E.P.A. 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.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

KEEP OUT OF REACH OF CHILDREN

Corrosive. Causes eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed, inhaled or absorbed through skin. Do not breathe spray mist. Avoid contamination of food. Wash thoroughly with soap and water after handling.

STATEMENT OF PRACTICAL TREATMENT: In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk or water, or gelatin solution, or if these are not available, drink a large quantity of water. Avoid alcohol. Call a physician immediately.

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

APR 10 1980

5185-386