



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number:

87583-5

Date of Issuance:

NOV - 3 2011

Term of Issuance:

Unconditional

Name of Pesticide Product:

Bio-Protect DP

NOTICE OF PESTICIDE:

- x Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

PureShield Inc.
1445 Juniper Park, Suite 11
Juniper, FL 33458

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 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 re-registration of your product under FIFRA section 4.
2. Make the labeling change listed below before you release the product for shipment:
A. Revise the EPA Registration Number to read, "EPA Reg. No. 87583-5"

Signature of Approving Official:

Velma Noble
Product Manager Team-31
Regulatory Management Branch I
Antimicrobials Division (7510P)

Date:

NOV - 3 2011

Handwritten notes: S. J. ... 7510P 11/3/11

- B. Delete the follow statements from the logo at the top of page one. The font used is too small and these statements are repeated elsewhere on the label. Delete: "Distributed by: IDA, 1445 Juniper Park Dr., Suite 11, Juniper, FL 33458" and "A Silicone Quaternary Ammonium Salt".
- C. Your product has only been shown to be effective against two public health organisms: *Salmonella choleraesuis* and *Staphylococcus aureus* and thus does not meet the requirements for either a qualified or unqualified "germs" claim. A qualified germs claim is acceptable when the product is shown to be effective against public health related bacteria and one pathogenic fungi or virus. An unqualified germs claim is acceptable when data has been provided which supports effectiveness against public health bacteria, fungi and viruses. (For additional details, see the Agency letter at <http://www.epa.gov/oppad001/germs.htm>) Delete all references to "germs" from the 1st, 2nd and 4th statements on page 3.
- D. Revise the Storage and Disposal statements on page 4 to be in agreement the cited "me-too" label 70871-22 and PR Notice 2007-4 as follows:
1. In the Industrial and Commercial Use Packages section, revised both headings "Storage and Disposal" to read "**Pesticide Storage.**"
 2. Delete the current language in both Pesticide Disposal statements in the Industrial and Commercial Use Packages section and revise to read as follows: "*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 the label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.*"
 3. Provide additional clarity by adding the following statement immediately after "Pails, Drums and IBCs" add: "*(containers greater than one gallon).*"
 4. Revise the Container Handling statement in the Pails, Drums and IBCs section by revising to begin as follows: "REFILLABLE CONTAINER. Refill this container with *this product only*. Do not reuse... "
 5. Delete the following statements in the Pail, Drums and IBC container handling section beginning: "Fill the container about..." and ending: "...or rinsate collections system." Replace with the following language allowing for two rinsing options: "*Fill container ¼ full with water. Replace and tighten closure. Tip container in its side and roll it back and forth, ensuring at least once complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty rinsate into application equipment of mix tank or store for later use or disposal.*" OR "*Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10*

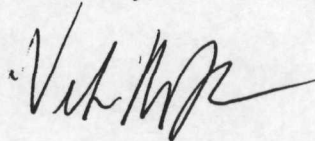
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seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.”

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. Submit one (1) copy of your final printed labeling prior to release of this product for shipment. If you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



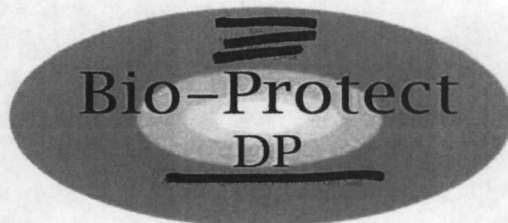
Velma Noble
Product Manager 31
Regulatory Branch I
Antimicrobials Division (7510P)

Enclosure: (Stamped Label, CSPA Germs letter)
7510P:T. Lantz:11/3/11:87583-5

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ACCEPTED
with COMMENTS
in EPA Letter Dated:
NOV 3 2011

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 87583-5



BIO-PROTECT DP
DISINFECTANT and ANTIMICROBIAL AGENT
A Silicone Quaternary Ammonium Salt

Active Ingredients:	3-(trimethoxysilyl) propyldimethyloctadecyl ammonium chloride.....	35.60%
	n-alkyl (50% C ₁₄ , 40% C ₁₂ , 10% C ₁₈) dimethyl benzyl ammonium chloride.....	6.40%
	Octyl decyl dimethyl ammonium chloride.....	4.80%
	Didecyl dimethyl ammonium chloride.....	2.88%
	Diocetyl dimethyl ammonium chloride.....	1.92%
Other Ingredients:	48.40%
TOTAL INGREDIENTS:	100.00%

Contains over 6% methanol

Reg. No. 87583-	KEEP OUT OF REACH OF CHILDREN	EST - XXXXX-XX-X
DANGER ████████ POISON		

NET CONTENTS: 2, 4, 8, 16, 20, 22, OR 36 fluid oz.; 1, 5, 55, 150, or 300 gal. Lot No. _____

FIRST AID

Have the product container or label with you when calling the poison control center or doctor, or going for treatment.

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.
- Call 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.

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.
- Methanol may cause blindness.

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

IF ON SKIN:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

Manufactured by: PureShield, 1445 Jupiter Park Drive, Suite 11, Jupiter, FL 33458

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER! Corrosive: Methanol may cause blindness. Causes irreversible eye damage. Harmful if swallowed or inhaled. Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing spray mist. Wear protective eyewear (goggles or face shield). Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

PHYSICAL OR CHEMICAL HAZARDS

COMBUSTIBLE. Do not use or store near heat or open flame. De-activation of Bio-Protect DP can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of Bio-Protect DP.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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 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.

De-activation may be required during clean up if a spill occurs. De-activation of Bio-Protect DP can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of Bio-Protect DP.

DIRECTIONS FOR USE

For use in homes, offices, and institutions (schools, daycare centers, churches, correctional facilities)

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Allow treated areas and surfaces to dry before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

Bio-Protect DP is an effective disinfectant against *Salmonella choleraesuis*, and *Staphylococcus aureus*. Bio-Protect DP is also effective against odor-causing bacteria, bacteria that causes staining and discoloration, fungi (mold and mildew) and algae as a static agent.

Bio-Protect DP may be used for treatment of the following hard non-porous surfaces to impart disinfection (*Salmonella choleraesuis* and *Staphylococcus aureus*), bacteriostatic/fungistatic/algaestatic, and deodorizing activity:

	Pest controlled	Dilution Rate	Method of Application
Tubs, glazed tiles, vanity tops, shower stalls (areas), sinks, washable walls, vinyl wall paper for non-food contact, floors, window sills, cabinets, garbage cans, exterior surfaces of appliances and refrigerators	Odor-causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), <i>Salmonella choleraesuis</i> and <i>Staphylococcus aureus</i>	0.5 oz/gallon	SPRAY: Dilute Bio-Protect DP in water; mix well. Using a trigger pump sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. For Disinfecting: Let stand for 10 minutes, then wipe surface dry.

MOLD, MILDEW, ODOR PROTECTOR, ODOR INHIBITOR, AND ~~GERM~~ KILLER

Bio-Protect DP is an antimicrobial agent effective against common household ~~germs~~ and helps prevent the spread of harmful ~~germs~~ on treated hard, non-porous surfaces in kitchen, bathroom, and household.

Bio-Protect DP is an antimicrobial agent effective against microorganisms that cause offensive odors on hard, non-porous surfaces.

Bio-Protect DP is an antimicrobial agent effective against odor-causing bacteria and ~~germs~~ in the kitchen and bathroom.

Bio-Protect DP is an antimicrobial agent effective in controlling mold and mildew, and inhibiting the growth of mold and mildew.

Bio-Protect DP, and antimicrobial agent, disinfects hard, non-porous surfaces and kills *Salmonella choleraesuis* and *Staphylococcus aureus*.

Bio-Protect DP, and antimicrobial agent, can be used in and around bathtubs and shower stalls to prevent the growth of mold and mildew.

Bio-Protect DP provides an invisible barrier to inhibit the growth of odor-causing bacteria.

Bio-Protect DP provides an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Bio-Protect DP provides an invisible barrier to inhibit the growth of fungi (mold and mildew).

Bio-Protect DP provides an invisible barrier to inhibit the growth of algae.

Bio-Protect DP prevents deterioration caused by bacteria and fungi (mold and mildew).

Bio-Protect DP resists development of microbial odors.

Bio-Protect DP resists development of stains and discoloration due to bacteria.

Bio-Protect DP resists development of stains due to fungi (mold and mildew).

Bio-Protect DP resists stains due to algae.

STORAGE AND DISPOSAL

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

For Household/residential use packages:

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use.

Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F) and above 0°C (32°F). Non-refillable container. Do not reuse or refill this container. Wrap container and put in trash or offer for recycling if available.

For industrial and commercial use packages:

Small Packages (1 gallon or less):

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use and away from food or feed. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F). This product has a minimum shelf life of 12 months after date of shipment.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: Non-refillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Pails, Drums and IBCs:

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use and away from food or feed. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F). This product has a minimum shelf life of 12 months after date of shipment.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: REFILLABLE CONTAINER. Refill this container with 3-(trimethoxysilyl) propyldimethyloctadecyl ammonium chloride only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents into application equipment or a mix tank. Fill the container with water and agitate or recirculate water with the pump for 2 minutes. Pour rinsate into application equipment or recirculate system. Repeat this rinsing procedure two more times. Then offer for recycling, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING TO:

PureShield Inc.
1445 Jupiter Park, Suite 11
Jupiter, FL 33458