



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

November 16, 2015

Mr. Kevin Kutcel  
Agent for PureShield Inc.  
c/o PureShield Inc.  
5807 Churchill Way  
Medina, OH 44256

Subject: Label Amendment – to revise the product labeling as per California DPR’s request to amend the precautionary language that correctly identifies the acute toxicity for Primary Skin  
Product Name: Bio Protect DP  
EPA Registration Number: 87583-5  
Application Date: November 12, 2015  
Decision Number: 511092

Dear Mr. Kutcel:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Karen M. Leavy by phone at (703)-308-6237, or via email at [Leavy.Karen@epa.gov](mailto:Leavy.Karen@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "E. Miederhoff".

Eric Miederhoff  
Product Manager 31  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs  
Date: November 16, 2015

Enclosure

**ACCEPTED**

11/16/2015

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.....	36.60%
	n-alkyl (50% C <sub>14</sub> , 40% C <sub>12</sub> , 10% C <sub>16</sub> ) 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		

EPA Reg. No. 87583-5

**KEEP OUT OF REACH OF CHILDREN**

EPA EST – XXXXX-XX-XX

**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.
- Methanol may cause blindness.

### 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.

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.

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

**DANGER!** Corrosive: Causes skin burns. Methanol may cause blindness. Causes irreversible eye damage. Harmful if swallowed or inhaled. Do not get in eyes, on skin, or on clothing. Avoid contact with skin. Avoid breathing spray mist. Wear protective eyewear (goggles or face shield) and protective clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash 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 enterica*, and *Staphylococcus aureus*. BIO-PROTECT DP is also effective against odor-causing bacteria, bacteria that causes staining and discoloration.

BIO-PROTECT DP may be used for treatment of the following hard non-porous surfaces to impart disinfection (*Salmonella enterica* 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 <i>Salmonella enterica</i> and <i>Staphylococcus aureus</i>	0.5 oz/gallon	<b>SPRAY:</b> 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. <b>For Disinfecting:</b> Let stand for 10 minutes, then wipe surface dry.

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 in the kitchen and bathroom.

BIO-PROTECT DP is an antimicrobial agent that disinfects hard, non-porous surfaces and kills *Salmonella enterica* and *Staphylococcus aureus*.

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 prevents deterioration caused by bacteria.

BIO-PROTECT DP resists development of microbial odors.

BIO-PROTECT DP resists development of stains and discoloration due to bacteria.

## STORAGE AND DISPOSAL

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

### **For Household/residential use packages:**

**Pesticide Storage:** Store in original, tightly-closed containers 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 containers at or below 25 C (77F) and above 0 C (32F). 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):**

**Pesticide Storage:** 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. 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:** 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.

**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 IBC's (containers greater than one gallon)**

**Pesticide Storage:** 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. 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:** 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.

**Containers Handling:** REFILLABLE CONTAINER. Refill this container with this product 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 container ¼ full with water. Replace and tighten closure. Tip container in its side and roll it back and forth, ensuring at least one complete revolutions, 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 or 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 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.

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