

464-674

10-21-2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OCT 21 2009



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

The Dow Chemical Company  
574 Building, Office 2044  
Midland, MI 48674

Attention: Rhonda Vance-Moeser  
Senior Regulatory Specialist

**Subject: BIOBAN™ P-1487 Antimicrobial**  
EPA Registration No. 464-674  
Notification Dated September 26, 2009

This will acknowledge receipt of your notification of label corrections, submitted under the provisions of FIFRA Section 3(c)(9). Based on a review of the submitted material, the following comments apply.

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been made a part of your file.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely

A handwritten signature in cursive script that reads "Martha Terry" followed by a small flourish.

Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)



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September 22, 2009

The Dow Chemical Company  
1500 E. Lake Cook Road  
Buffalo Grove, IL 60089  
USA

Mr. Marshall Swindell/ PM33  
Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
2777 South Crystal Drive  
Arlington, VA 22202-4501

Re: BIOBAN™ P-1487 Antimicrobial Agent, EPA Reg. No. 464-674  
Notification of Label Corrections

Dear Mr. Swindell:

The Dow Chemical Company (Dow) seeks to notify USEPA of the following corrections to the approved labeling for BIOBAN P-1487T Antimicrobial Agent (EPA Reg. No. 464-674):

- three corrections of ppm in the Hydrocarbon Preservation use directions

The dosing rates for this application are correct and unchanged by this notification, however the corresponding ppm have been corrected as noted on the attached label copy.

There are no other changes to the current label. A separate amendment to comply with PR Notice 2007-4 will be filed at a later date.

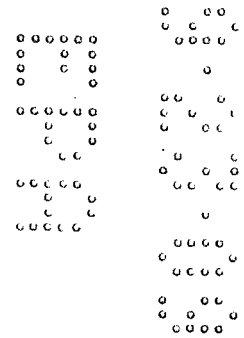
Enclosed with this letter are the following:

- EPA Form 8570-1, marked to indicate Notification
- Copy of corrected label with areas of correction highlighted

Please contact me if you have any questions about this submission.

Sincerely,

Abigail Trueblood  
Regulatory Specialist  
847-808-3555 (T)  
847-808-3702 (F)  
attrueblood@dow.com





# BIOBAN<sup>\*\*</sup> P-1487T

## ANTIMICROBIAL AGENT

Active Ingredient:  
4-(2-Nitrobutyl)morpholine . . . 36.5% by wt  
4,4'-(2-Ethyl-2-nitrotrimethylene)  
dimorpholine . . . . . 2.3% by wt  
Inert Ingredients: . . . . . 61.2% by wt  
Total . . . . . 100%

E.P.A. Registration No. 464-674  
E.P.A. Est. No. 48301-LA-1

KEEP OUT OF REACH OF CHILDREN

**DANGER**

### PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

**CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE. HARMFUL IF SWALLOWED OR ABSORBED THROUGH SKIN. MAY CAUSE ALLERGIC SKIN REACTION.**

Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

Produced for:



THE DOW CHEMICAL COMPANY

Midland, Michigan 48374 U.S.A.  
(989) 636-4400

\*™ Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

\*\* Trademark of ALIGUS Chemical Company  
A Subsidiary of The Dow Chemical Company  
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FIRST AID:	
IF IN EYES:	• Hold eyes open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first five minutes, then continue rinsing eyes. • Call a poison control center or doctor for 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 by a poison control center or doctor.
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.
IF INHALED:	• Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable mouth to mouth, if possible. • Call a poison control center or doctor for further treatment.
HOT LINE NUMBER	
IN CASE OF AN EMERGENCY endangering life or property involving this product, call collect (989) 636-4400. Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.	

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. 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.

**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 label instructions, 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 by other procedures approved by state and local authorities.

Notice: Seller warrants that the product conforms to its chemical description as contained on this label and is reasonably fit for the purposes stated on this label (except uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration) when used in accordance with directions under normal conditions of use. THE WARRANTIES MADE IN THIS PARAGRAPH ARE SELLER'S SOLE WARRANTIES WITH RESPECT TO THE PRODUCT AND ARE MADE EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES.

### DIRECTIONS FOR USE

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

### FOR USE IN METALWORKING FLUIDS

BIOBAN P-1487T is recommended for use in soluble oils, semi-synthetic, and synthetic fluids. It should be added directly in the sump (with agitation). A dose of 1000-2000 ppm is recommended for initial treatment; higher levels up to 2500 ppm, but no greater, for fouled systems. After addition of BIOBAN P-1487T the system should be circulated for about one hour before shut-down.

**In Diluted Fluids:** A concentration of 1000 to 2500 ppm of BIOBAN P-1487T in the fluid is sufficient to control gross microbial growth. For example, add 1.0 lb of BIOBAN P-1487T to 1,000 lb of fluid to obtain a dose level of 1000 ppm in the fluid.

**Maintenance Dosage:** Add 500-1000 ppm of BIOBAN P-1487T to maintain control of the system.

### FOR USE IN HYDROCARBON PRESERVATION

To control the growth of problem microorganisms associated with the fuel.

**In General Use:** Add BIOBAN P-1487T to storage tanks or fuel tanks for control of microbial growth in diesel fuel, fuel oil, gasoline, or kerosene. Treatment may be performed by slug dosage or by intermittent metering to attain the proper concentration of BIOBAN P-1487T.

**For Storage Above Water:** Add 2.2 gallons of BIOBAN P-1487T to each 1000 gallons of water in the bulk storage system to achieve a concentration of approximately 2200 ppm. To facilitate mixing, dissolve each gallon of BIOBAN P-1487T in 100 gallons of water and add this solution directly to the water phase in the tank with minimal agitation.

**For Storage in Tanks without Intentional Water:** Add 0.28-2.2 gallons of BIOBAN P-1487T directly to each 1000 gallons of hydrocarbon in the system to obtain a concentration of 280-2200 ppm.

**In Fuel-Treatment Pre-Mix:** BIOBAN P-1487T may be mixed with other fuel additives for addition to fuel. The end user must add sufficient BIOBAN P-1487T to the pre-mix to provide 280-2200 ppm of BIOBAN P-1487T in the treated fuel.

Handwritten mark: f/f