

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

DEC 21 2007

United States  
Environmental Protection  
AgencyOffice of Pesticide Programs

The Dow Chemical Company  
1803 Building  
Midland, Mi 48674

Attention: Abigail Trueblood

**Subject: BIOBAN P-1487T Antimicrobial Agent**  
EPA Registration No. 464-674  
Amendment Dated October 10, 2007

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

- Corrected Labels
- CSF

The Basic Confidential Statement of Formula dated October 10, 2007 is in compliance with PR Notice 92-1, agrees with the label and is acceptable.

A stamped copy of the "accepted" labeling is enclosed for your records.

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

Sincerely,

A handwritten signature in cursive script that reads "M. Swindell".

Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division (7510C)

Enclosure

# BIOBAN\*\* 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 ANGUS Chemical Company

A Subsidiary of The Dow Chemical Company

7717412207-1738

# P-1487T

FIRST AID:	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"><li>• Hold eyes open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first five minutes, then continue rinsing eyes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to by a poison control center or doctor.</li></ul>
<b>IF ON SKIN:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment.</li></ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable mouth to mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment.</li></ul>
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 of 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 HYDRAULIC FLUIDS

To control the growth of microorganisms in hydraulic fluids with the fuel.

In General Use: Add BIOBAN P-1487T to fuel tanks for control of microorganisms in gasoline, or kerosene, at a concentration of 1000 ppm. Add slug dosage or by increasing the concentration of BIOBAN P-1487T.

For Storage Above Ground: Add BIOBAN P-1487T to each 1000 gallon of fuel at a concentration of 1000 ppm. Dissolve each gallon of BIOBAN P-1487T in 100 gallons of fuel and add this solution to the fuel at minimal agitation.

For Storage in Tanks: Add BIOBAN P-1487T to the fuel at a concentration of 1000 ppm. Add the system to obtain control of microorganisms.

In Fuel-Treatment: Add BIOBAN P-1487T to other fuel additives. Add sufficient BIOBAN P-1487T to obtain a dose level of 1000 ppm of BIOBAN P-1487T.