

BIOBAN® P-1487T ANTIMICROBIAL AGENT

Active Ingredient:

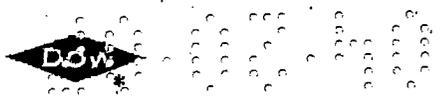
4-(2-Nitrobutyl)morpholine . . . 36.2% by wt
 4,4'-(2-Ethyl-2-nitrotrimethylene)
 dimorpholine 2.0% by wt
 Inert ingredients 61.8% by wt
 Total 100%

EPA Reg. No. 484-674
 EPA Est. No. 48301-LA-001

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.



THE DOW CHEMICAL COMPANY
 Midland, Michigan 48674 U.S.A.
 1-800-258-CHEM
 * Trademark of THE DOW CHEMICAL COMPANY
 771710/1/2001-1749 Active

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.

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, preferably mouth to mouth, if possible. Call a poison control center or doctor for further treatment.
Notes 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.

IN CASE OF AN EMERGENCY endangering life or property involving this product, call collect **988-836-4400**.

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 for empties. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local officials.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its 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 to the sump (with agitation). A dose of 1000-2000 ppm is recommended for initial treatment; higher doses up to 2,500 ppm, but no greater for flooded systems. After addition of BIOBAN P-1487T, the system should be circulated for about one hour before shut-down.

In Closed Fluids: A concentration of 1000 to 2,500 ppm of BIOBAN P-1487T in the fluid is sufficient to control gross microbial growth. For example, add 1.8 lb of BIOBAN P-1487T to 1,000 lb of fluid to obtain a dose level of 1000 ppm in the fluid. **Maintenance Dose:** Add 900-1800 ppm of BIOBAN P-1487T to maintain control of the system.

FOR USE IN HYDROCARBON PRESERVATION

To control the growth of positive 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 oil, 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 0.2 gallons of BIOBAN P-1487T to each 1,000 gallons of water in the fuel storage system to obtain a concentration of approximately 1000 ppm. To facilitate mixing, disperse each gallon of BIOBAN P-1487T in 100 gallons of water and add this mixture directly to the water phase in the fuel with continued agitation.

For storage in tanks without the water phase: Add 0.25 - 0.2 gallons of BIOBAN P-1487T directly to each 1,000 gallons of hydrocarbon in the system to obtain a concentration of approximately 300 - 2,200 ppm.

In a fuel treatment system: BIOBAN P-1487T may be added with other fuel additives for addition to fuel. The dose level must also maintain BIOBAN P-1487T in the pre-mix to provide 650 - 2,200 ppm of BIOBAN P-1487T in the treated fuel.

ACCEPTED
 JUL 19 2007
 Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 464-674

464-674
 07/19/2007

1/1