

LARGE LABEL PER EPA REG. NO. 48301-26 DATE MAX 1-3-1991

ACTIVE INGREDIENTS:

4-(2-Nitrobutyl)Morpholine 31.5%

4,4'-(2-Ethyl-2-nitrotrimethylene)dimorpholine 9.0%

INERT INGREDIENTS 59.5%

TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CORROSIVE. CAUSES EYE DAMAGE AND SKIN IRRITATION.

HARMFUL IF SWALLOWED.

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.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters, unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of Environmental Protection Agency.

ANGUS Chemical Company assumes no responsibility when this product is not used in accordance with the instructions and information contained on this label.

DANGER

STATEMENT OF PRACTICAL TREATMENT

IF IN EYE(S): Immediately flush eye(s) with plenty of water for at least 15 minutes. See a physician.

IF SWALLOWED: Do not induce vomiting; drink egg whites or gelatin solution. If these are not available, drink large amounts of water. Call a physician.

IF CONTACT WITH SKIN: Immediately flush skin with water for 15 minutes. Remove and wash contaminated clothing before reuse. Call a physician.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONS AND OTHER INFORMATION

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

In Diluted Fluids: A concentration of 1000 to 2,500 ppm of BIOBAN P-1487T in the fluid is sufficient to control 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.

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 gasoline, or kerosene. Treatment may be performed by slug dosage or by intermittent metering to attain the concentration of BIOBAN P-1487T.

For storage above water. Add 2.2 gallons of BIOBAN P-1487T to each 1,000 gallons of water in the tank to achieve a concentration of approximately 1,000 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 1,000 gallons of hydrocarbon in the system to obtain a concentration of approximately 550 - 2,200 ppm.

In a fuel-treatment pre-mix. BIOBAN P-1487T may be mixed with other fuel additives for addition to fuel. Add sufficient BIOBAN P-1487T to the pre-mix to provide 550 - 2,200 ppm of BIOBAN P-1487T in the fuel.

FOR USE IN ADHESIVES AND INDUSTRIAL EMULSIONS

For control of microbial contamination in resin, latex or other water-based emulsions, asphalt emulsions or adhesives, add 0.05 - 0.2% (500 - 2,000 ppm) BIOBAN P-1487T. The addition of BIOBAN P-1487T should be made as a final step in the manufacturing process after any heating and when the product has cooled.

FOR USE IN INKS (NON-FOOD USE)

To inhibit the growth of microorganisms during storage or use of water-based inks.

In-can preservation. Add BIOBAN P-1487T in the final step of the manufacturing process, after heating has cooled to below 110°F. BIOBAN P-1487T should be dosed at 500 - 2,000 ppm based on the final ink concentration. BIOBAN P-1487T may be added press-side at a concentration of 500 - 2,000 ppm.

FOR USE IN DIE CAST LUBRICANTS AND MOLD-RELEASE

To control the growth of microorganisms in fluids used as lubricants in metal die cast applications and used in the manufacture of plastics.

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In Diluted Fluids: A concentration of 1000 to 2,500 ppm of BIOBAN P-1487T in the fluid is sufficient to control 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.

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