

# BIOBAN<sup>®</sup> FP

ANTIMICROBIAL AGENT

DISINFECTANT

## ACTIVE INGREDIENTS:

4-(2-Nitrobutyl)morpholine . . . . . 70% by wt

4,4'-(2-Ethyl-2-nitrotrimethylene)dimorpholine . . . . . 20% by wt

INERT INGREDIENTS . . . . . 10% by wt

TOTAL 100%

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS

### DANGER!

CAUSES SEVERE EYE DAMAGE AND SKIN BURNS.  
MAY CAUSE ALLERGIC SKIN REACTION.  
HARMFUL OR FATAL IF SWALLOWED OR ABSORBED  
THROUGH THE SKIN.

Do not get in eyes, on skin, on clothing.

Causes skin sensitization.

Wear goggles or face shield and rubber gloves when handling.

Wash thoroughly after handling.

Avoid breathing vapor or mist.

Avoid contamination of food.

Do not take internally.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not discharge into lakes, streams, ponds, or public waters, unless in accordance with an NPDES permit. For guidance contact your Regional Office of the EPA. Do not contaminate waters by cleaning of equipment or disposal of waste.

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

## KEEP OUT OF REACH OF CHILDREN

### DANGER!

## STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush with plenty of water for at least 15 minutes. Call a physician immediately.

IF ON SKIN: Wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse.

IF INHALED: Remove immediately to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.

IF SWALLOWED: Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, or gelatin solution; or if these are not available, drink large quantities of water; avoid alcohol. Call a physician immediately.

## NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsions may be needed.

SEE SIDE PANEL AND TECHNICAL BULLETIN FOR  
ADDITIONAL PRECAUTIONS AND OTHER INFORMATION

EPA Reg. No. 48301-7

A-76 A

Printed in U.S.A.

# ANGUS<sup>™</sup>

ANGUS Chemical Company  
2211 Sanders Road  
Northbrook, IL 60062 U.S.A.

## DIRECTIONS FOR USE

### GENERAL CLASSIFICATION

This is a violation of Federal Law if this product is used in a manner inconsistent with the labeling.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed. Wastes resulting from the use of this product may be disposed of on site or at an approved disposal facility. Triple rinse (or equivalent) and recycle where possible. Do not discharge into a sanitary landfill, or by any other means not approved by state and local authorities.

### FOR USE IN HYDROCARBON PRESERVATION

To control the growth of protozoa and microorganisms associated with hydrocarbon storage.

In general use. Add BIOBAN FP to fuel tanks for control of microbial growth. Add 1 gallon of BIOBAN FP to 1000 gallons of oil, gasoline, or kerosene. Treat by slug dosage or by intermittent concentration of 250-1000 ppm.

For storage above water. Add 1 gallon of BIOBAN FP to each 1000 gallons of water in the system to achieve a concentration of approximately 250-1000 ppm. To facilitate mixing, dissolve each gallon in 100 gallons of water and add to the water phase in the tank with the hydrocarbon.

For storage in tanks without water. Add 0.25-1 gallon of BIOBAN FP directly to the hydrocarbon in the system to achieve a concentration of approximately 250-1000 ppm.

In a fuel-treatment premix. BIOBAN FP may be used with other fuel additives for and user must add sufficient BIOBAN FP to provide 250-1000 ppm of BIOBAN FP in the fuel.

# AN<sup>®</sup> FP

BIAL AGENT

BEST

..... 70% by wt  
morpholine..... 20% by wt  
..... 10% by wt  
TOTAL 100%

KEEP OUT OF REACH OF CHILDREN

**DANGER!**

## STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush with plenty of water for at least 15 minutes. Call a physician immediately.

IF ON SKIN: Wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse.

IF INHALED: Remove immediately to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.

IF SWALLOWED: Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, or gelatin solution; or if these are not available, drink large quantities of water; avoid alcohol. Call a physician immediately.

## NOTE TO PHYSICIAN

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## DIRECTIONS FOR USE

### GENERAL CLASSIFICATION

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

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. 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.

### FOR USE IN HYDROCARBON PRESERVATION

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

In general use. Add BIOBAN FP 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 a concentration of 250-1000 ppm of BIOBAN FP.

For storage above water. Add 1 gallon of BIOBAN FP to each 1000 gallons of water in the bulk storage system to achieve a concentration of approximately 1000 ppm. To facilitate mixing, dissolve each gallon of BIOBAN FP 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 0.25-1 gallon of BIOBAN FP directly to each 1000 gallons of hydrocarbon in the system to obtain a concentration of approximately 250-1000 ppm.

In a fuel-treatment premix. BIOBAN FP may be mixed with other fuel additives for addition to fuel. The end-user must add sufficient BIOBAN FP to the premix to provide 250-1000 ppm of BIOBAN FP in the treated fuel.

ACCEPTED

JUN 20 1984

Under Federal Insecticide, Fungicide, and Rodenticide Act, registered under EPA Reg. No. 48301-7