

Reg # 9386-7

PM-31

192

# DIRECTIONS FOR USE:

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

### PAPER MILL SLIME CONTROL

**FOR THE CONTROL OF SLIME-FORMING AND/OR SPOILAGE BACTERIA:** AMA-31 is added at a point in the system (raw stock chest beater and/or refiner chest or machine chest - wire pit) where it will be uniformly mixed. Application may be continuous or intermittent for a certain number of hours/day or per shift, depending upon system characteristics. Add 6 to 30 fluid ounces of AMA-31 per ton of paper produced.

**INTERMITTENT FEED METHOD:** Apply 18 to 30 fluid ounces of AMA-31 per ton (dry basis) of pulp or paper for 2 hours every 8 hours. Badly fouled process systems must be cleaned before initial treatment.

**CONTINUOUS FEED METHOD:** Apply 6 to 20 fluid ounces of AMA-31 per ton (dry basis) of pulp or paper produced on a continuous basis. Badly fouled process systems must be cleaned before initial treatment.

### OIL FIELD DRILLING MUDS AND WORKOVER OR COMPLETION FLUIDS

**FOR CONTROL OF SLIME-FORMING AND/OR SPOILAGE BACTERIA:** Determine the total volume of the circulating system. Calculate the number of gallons of AMA-31 needed to produce a concentration of 1600 ppm (0.56 lb/bbl) of AMA-31 in the drilling mud circulating system. For example, 59 gallons of AMA-31 per 1000 barrels drilling fluid will produce the proper concentration. For best results add AMA-31 in a thin stream to the mud pit while the drilling fluid is circulating. As the total volume increases, due to greater well depth, add additional AMA-31 to maintain the proper concentration.

Because of the wide variation in drilling mud composition and bacterial contamination, greater or lesser amounts of AMA-31 may be proscribed.

### OIL FIELD WATER TREATMENT AND WATER FLOODS

**FOR CONTROL OF SLIME-FORMING AND/OR SPOILAGE BACTERIA:** Calculate the total volume of water to be treated. Using this volume, calculate the number of gallons of AMA-31 needed to produce a concentration of approximately 967 ppm AMA-31. For example, 0.84 gallons of AMA-31 per each 100 gallons of total volume will produce this dilution. Add AMA-31 as a slug treatment or intermittently. 200 ppm of AMA-31, added each week, is recommended to maintain bacterial control. This may be accomplished by adding 0.17 gallons of AMA-31 to each 1000 gallons of total volume.

Because of the wide variation in waters found in the oil fields, greater or lesser amounts of

# AMA-31

ANTIMICROBIAL AGENT FOR INDUSTRIAL USE

<b>Active Ingredients:</b>	
Sodium dimethyl dithiocarbamate	16.0%
Nabam (disodium ethylene bisdithiocarbamate)	15.0%
<b>Inert Ingredients:</b>	
	<u>69.0%</u>
<b>TOTAL</b>	<b>100.0%</b>

KEEP OUT OF REACH OF CHILDREN

## CAUTION

STATEMENT OF PRACTICAL TREATMENT

- IF ON SKIN:** Wash with soap and water. If irritation persists, get medical attention.
- IF IN EYES:** Flush immediately with water. Get medical attention.
- IF SWALLOWED:** Drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician immediately.

EPA REGISTRATION No. 9386-7 EPA ESTABLISHMENT No. 9386-GA-1

**MANUFACTURED BY  
VININGS INDUSTRIES, INC.  
MARIETTA, GEORGIA 30062**

**BEST AVAILABLE COPY**

9.7 LBS. per gallon  
03/25/92

## PRECAUTIONS

**CAUTION:** Harmful to skin. Causes eye irritation. Remove contaminated clothing. Wash with soap and water. All industrial workers should wear protective coveralls over a long-sleeved shirt and trousers, chemical-resistant gloves, and goggles or a face shield.

**ENVIRONMENT:** Do not apply (or use) in areas where runoff may be discharged into streams, rivers, or other surface waters. Do not apply in areas containing this product or public waters. Do not apply in areas addressed in a NPDES permit. Do not apply this product into areas where sewage treatment plants are located. Do not apply in areas where the Board or Regional Board has determined that the application of this product is prohibited.

**PHYSICIAN:** Do not contaminate clothing.

**STOP**  
DO NOT CONTAMINATE BY

**STORAGE:** Protect container closed and sealed. Do not store in areas where local, state and federal laws, regulations, and orders regarding PESTICIDE DISPOSAL apply. Dispose of excess product in accordance with the provisions of Federal Law. Dispose of empty container according to label directions. Environmental Protection Agency representative at the time of purchase. Do not reuse container (equivalent). Then wash and dispose of in accordance with state and local laws, regulations, and orders.

ACCEPTED  
JUN 11 1992  
Under the provisions of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, this product is registered under EPA Reg. No. 9386-7

# IS FOR USE:

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## PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful or fatal if swallowed or absorbed through the skin. Causes eye damage and skin irritation. In case of contact, remove contaminated clothing immediately and wash with soap and water. All industrial workers applying this product must wear coveralls over a long-sleeved shirt and long pants, shoes, socks, and chemical-resistant gloves. During dilution, a chemical-resistant apron and goggles or a face shield must also be worn.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not apply (or use) in estuarine oil fields where drilling fluids (muds) are discharged in the surface water. 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 a NPDES permit. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment authority. For guidance contact your State Water Board or Regional Office of the EPA.

### PHYSICAL OR CHEMICAL HAZARDS

Do not contaminate water, food or feed by storage or disposal.

## STORAGE AND DISPOSAL

**DO NOT CONTAMINATE WATER, FOOD OR FEED  
BY STORAGE OF THIS PRODUCT.**

**STORAGE:** Protect from temperatures in excess of 140°F. Keep container closed when not in use. If contents are spilled or leaked due to container damage, collect and dispose of in accordance with local, state and federal disposal regulations.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. 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 directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Metal Containers - 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. Plastic Containers - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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