

AMA-31 label – Center panel (page 2 of 3)

AMA[®]-31

ANTIMICROBIAL AGENT FOR INDUSTRIAL USE

Active Ingredients:

- Sodium Dimethyldithiocarbamate 15%
- Nabam (Disodium ethylene bis-dithiocarbamate) 15%

- Inert Ingredients: 70%
- TOTAL 100%

This product contains the active ingredients Nabam and Sodium Dimethyldithiocarbamate at 1.44 pounds each per gallon. This product contains the impurity Ethylene thiourea at 0.080%.

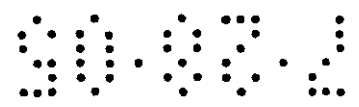
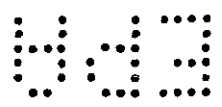
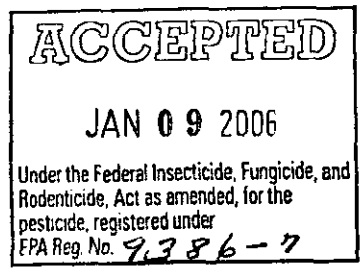
KEEP OUT OF REACH OF CHILDREN WARNING

First Aid	
If swallowed:	<ul style="list-style-type: none"> - Call 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 do so by the poison control center or doctor. - Do not give anything by mouth to an unconscious person.
If in eyes:	<ul style="list-style-type: none"> - Hold eye open and rinse slowly and gently with water for 15–20 minutes. - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. - Call a poison control center or doctor for treatment advice.
If on skin or clothes	<ul style="list-style-type: none"> - Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15–20 minutes. - Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
1.	In case of emergency call Chemtrec at 1-800-424-9300.
2.	Have the product container or label with you when calling a poison control center or doctor or going for treatment.

EPA Reg. No. 9386-7 EPA EST. No. 9386-GA-3

Manufactured By

KEMIRA CHEMICALS, INC.
245 TownPark Drive, Suite 200
KENNESAW, GA 30144



AMA-31 label – Left panel (page 1 of 3)

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-wirepit) where it will be uniformly mixed. Application may be continuous or intermittent for a certain number of hours per 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 produced 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.

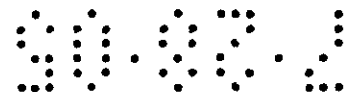
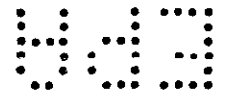
OILFIELD DRILLING MUDS AND WORKOVER OR COMPLETION FLUIDS: FOR CONTROL OF SLIME-FORMING AND/OR SPOILAGE BACTERIA: Determine the total volume of the circulating system. Calculate the number of gallons of AMA[®]-31 needed to produce a concentration of 1,600 ppm (0.56lb/bbl) of AMA[®]-31 in the drilling mud circulating system. For example, 59 gallons of AMA[®]-31 per 1,000 barrels of drilling fluid will produce the proper concentration. For best results, add AMA[®]-31 in a thin stream to the mud pit while 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 prescribed.

OILFIELD 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 1,000 gallons of total volume will produce this dilution. 200 ppm 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 1,000 gallons of total volume.

Because of the wide variation in waters found in the oil fields, greater or lesser amounts of AMA[®]-31 may be prescribed.

ACCEPTED
JAN 09 2006
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 9386-7



AMA-31 label – Right panel (page 3 of 3)

PRECAUTIONARY STATEMENTS:
HAZARD TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

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 face shield must also be worn.

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS

This product must be loaded and transferred only using metering-pump system or a closed loading/application system for the following uses: industrial recirculating water cooling tower and evaporative condensers, air washers, paper mills, beet sugar mills, and cane sugar mills. Open pouring prohibited.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should remove PPE immediately after handling the product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

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 contaminate water by cleaning of equipment or disposal of wastes. 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.

General Precautions and Restrictions

Do not apply this product in a way that will contact worker or other persons. Avoid contamination of food and feedstuffs.

STORAGE AND DISPOSAL:

1. **PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.
2. **STORAGE:** Keep from freezing. Do not store below 32°F.
3. **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 instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.
4. **CONTAINER DISPOSAL:**
 - (a) Reseal container and offer for reconditioning, or
 - (b) **Metal Containers:** Triple rinse (or equivalent). Puncture and dispose of in a sanitary landfill or by other approved state and local procedures.
 - (c) **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.
5. **GENERAL:** Consult federal, state or local disposal authorities for approved alternative procedures.

LOT# _____

NET CONTENTS: _____ Pounds

DENSITY: 9.6 LBS/GAL

LABEL DATE: 26-Jul-05

ACCEPTED

JAN 09 2006

Under the Federal Insecticide, Fungicide, and Rodenticide, Act as amended, for the pesticide, registered under EPA Reg. No. 9-386-7

