

9386-4

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JAN 22 2004

Kemira Chemicals, Inc.  
245 TownPark Drive Suite 200  
Kennesaw, GA 30244-5515

Attention: Ransom V. Hinton, Director HS&E

Subject: AMA - 10  
EPA Registration No. 9386-4  
Amendment Dated November 25, 2003

The submission, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

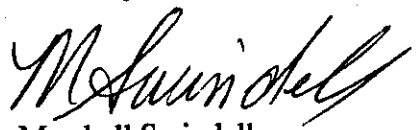
- To revise the precautionary statements to be consistent with the existing AMA-10W Labeling

General Comments

A stamped copy of the accepted labeling is enclosed for your records.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely



Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch 1  
Antimicrobials Division (7510C)

Enclosure

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

## 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<sup>®</sup>-10 is added at a point in the system (raw stock chest, beater and/or refiner chest, machine chest or 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 2 to 5 fluid ounces of AMA<sup>®</sup>-10 per ton of paper produced.

**INTERMITTENT FEED METHOD:** Apply 3.5 to 5.0 fluid ounces of AMA<sup>®</sup>-10 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 2 to 4 fluid ounces of AMA<sup>®</sup>-10 per ton (dry basis) of pulp or paper produced on a continuous basis. Badly fouled process systems must be cleaned before initial treatment. Consult your Kemira representative for technical advice concerning certain site problems.

**RECIRCULATING COOLING WATER SYSTEMS: FOR CONTROL OF SLIME FORMING-BACTERIA:**(cooling towers, evaporative condensers) Bacterial Control: Use 1.6 to 7.9 fluid ounces of AMA<sup>®</sup>-10 per 1,000 gallons water (1.25 to 6.20 ppm active) as a continuous treatment, one to three times a week or as required to maintain control. When the system is just noticeably fouled, use 5.8 to 12.5 fluid ounces of AMA<sup>®</sup>-10 per 1,000 gallons water (4.5 to 9.8 ppm active) daily or as required to obtain control. Badly fouled systems must be cleaned before treatment is begun. Apply at a point in the system where uniform mixing and even distribution will occur, such as the cooling tower basin or sump.

**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<sup>®</sup>-10 needed to produce a concentration of 5,000 ppm (1.75 lb/bbl) of AMA<sup>®</sup>-10 in the drilling mud circulating system. For example, 211 gallons of AMA<sup>®</sup>-10 per 1000 barrels of drilling fluid will produce the proper concentration. For best results, add AMA<sup>®</sup>-10 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<sup>®</sup>-10 to maintain the proper concentration.

**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<sup>®</sup>-10 needed to produce a concentration of approximately 750 ppm AMA<sup>®</sup>-10. For example, 0.75 gallons of AMA<sup>®</sup>-10 per 1000 gallons of total volume will produce this dilution. Add AMA<sup>®</sup>-10 as a slug treatment or intermittently. 500 ppm of AMA<sup>®</sup>-10, added each week is recommended to maintain bacterial control. This may be accomplished by adding 0.50 gallons of AMA<sup>®</sup>-10 to each 1,000 gallons of total volume.

**LEATHER PROCESSING LIQUORS:** AMA<sup>®</sup>-10 may be used to prevent the growth of bacteria and fungi in the pickling and tanning processes of skins and hides. Depending upon the holding time, AMA<sup>®</sup>-10 should be added at the rate of 0.025% to 0.25% (0.25 to 2.5 lbs. of AMA<sup>®</sup>-10 per 1,000 lbs.) of white weight stock.

# AMA<sup>®</sup>-10

(ANTIMICROBIAL AGENT)

Active Ingredient:		
Methylene bis (thiocyanate) .....	10%	
Inert Ingredients: .....	90%	
TOTAL .....	100%	

Contains Petroleum Distillate

DENSITY: 8.7 LBS/GAL

KEEP OUT OF REACH OF CHILDREN

**DANGER PELIGRO**

First Aid	
If in eyes:	- 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 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 or doctor. - Do not give anything by mouth to an unconscious person.
If on skin or clothing:	- 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.
Have product container, label or label information with you when calling a poison control center or doctor or going for treatment.	
Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage. This product may pose an aspiration pneumonia hazard.	
Contact CHEMTREC at 800-424-9300 for additional information See side panel for additional precautionary statements	

MANUFACTURED BY

**KEMIRA**

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

EPA REG. NO. 9386-4

EPA EST NO. 9386-GA-3

## PRECAUTION

### HAZARDS TO HUMAN

Corrosive. Causes irreversible eye damage. Harmful if swallowed. Do not get in eyes or frequently repeated skin contact may contaminate clothing and wash before reworkers or other persons. Users should not use tobacco or using the toilet.

Mixers, loaders, applicators and other shoes, plus socks, protective eyewear, respirator with an organic-vapor removal (MSHA/NIOSH approval number pre organic-vapor (OV) cartridge or canister) PPE immediately after handling this product. Follow manufacturer's instructions for washables, use detergent and hot water. If pesticide gets inside clothing, remove clothing.

**ENVIRONMENTAL HAZARDS:** This product containing this product into lakes, streams, and accordance with the requirements of a National permit and the permitting authority has discharge effluent containing this product to a sewage treatment plant authority. For guidelines of the EPA.

**PHYSICAL**  
Do not use, spill

### STORAGE

Do not contaminate water

**PESTICIDE STORAGE:** Protect from sunlight. Container closed when not in use. If contents are liquid with absorbent material and disposal regulations.

**PESTICIDE DISPOSAL:** Pesticide waste, pesticide, spray mixture, or rinsate is a volatile by use according to label directions. Agency, or the Hazardous Waste representative. **CONTAINER DISPOSAL:** Metal containers recycling or reconditioning, or puncture approved by state and local authorities. Pesticide for recycling or reconditioning, or puncture if allowed by state and local authorities, t

LOT#

NET WT. X,XXX POUNDS

ACCEPTED

JAN 22 2004

TOXIC, LIQUIDS, ORGANIC, N.O.S. (METHYLENE BISTHIOCYANATE) UN2810

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 9386-4