

9386-4

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

APR 08 2014

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Ms. Jamie Rhodes
Specialist for Product Stewardship & Regulatory Affairs
Kemira Chemicals, Inc.
1000 Parkwood Circle
Suite 500
Atlanta, GA 30339

Subject: AMA-10
EPA Registration Number 9386-4
Your Amendment Dated February 20, 2014
EPA Received Date February 24, 2014

The following amendment, submitted in connection with registration under section 3(c)(7)(B) of the Federal Insecticide, Fungicide, and Rodenticide Act, FIFRA, as amended, to add "Fuel Preservation" use pattern to the product labeling, is acceptable.

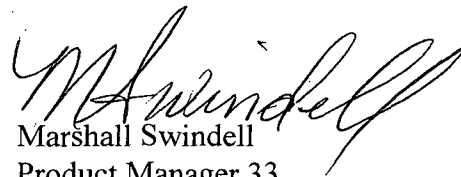
A stamped copy of the labeling is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

If the above conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you have any questions concerning this letter, please contact Karen M. Leavy-Munk at (703)-308-6237.

Sincerely,



Marshall Swindell
Product Manager 33
Regulatory Management Branch I
Antimicrobial Division(7510C)

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[®]-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[®]-10 per ton of paper produced.

Intermittent Feed Method: Apply 3.5 to 5.0 fluid ounces of AMA[®]-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[®]-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[®]-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[®]-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[®]-10 needed to produce a concentration of 5,000 ppm (1.75 lb/bbl) of AMA[®]-10 in the drilling mud circulating system. For example, 211 gallons of AMA[®]-10 per 1000 barrels of drilling fluid will produce the proper concentration. For best results, add AMA[®]-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[®]-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[®]-10 needed to produce a concentration of approximately 750 ppm AMA[®]-10. For example, 0.75 gallons of AMA[®]-10 per 1000 gallons of total volume will produce this dilution. Add AMA[®]-10 as a slug treatment or intermittently. 500 ppm of AMA[®]-10, added each week is recommended to maintain bacterial control. This may be accomplished by adding 0.50 gallons of AMA[®]-10 to each 1,000 gallons of total volume.

FUEL PRESERVATION: For control of bacterial and fungal growth in the following liquid hydrocarbon fuels and oils (crude oil, diesel fuel, residual fuel oils; coal slurries, liquefied petroleum gases, and petrochemical feedstocks) add a slug dose of 50 - 100 ppm AMA[®]-10W. Repeat as needed to gain control. To maintain control, feed 25 - 50 ppm AMA[®]-10W once a month or as needed. Should disposal of tank bottom water become necessary, wait at least 48 hours after last AMA[®]-10W treatment before draining tank. Do not discharge water directly to ground where it can enter streams, lakes or ponds.

LEATHER PROCESSING LIQUORS: AMA[®]-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[®]-10 should be added at the rate of 0.025% to 0.25% (0.25 to 2.5 lbs. of AMA[®]-10 per 1,000 lbs.) of white weight stock.

UN2810, TOXIC LIQUIDS, ORGANIC, N.O.S., (METHYLENE BIS (THIOCYANATE)), 6.1, PGII

AMA[®]-10

Active Ingredient:

Methylene bis (thiocyanate) 10%

Inert Ingredients: 90%

TOTAL 100%

Contains Petroleum Distillate

(ANTIMICROBIAL AGENT)

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.

If on skin or clothing:

- Do not give anything by mouth to an unconscious person.
- 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 (1-800-222-1222) 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 1-800-424-9300 for additional information

See Side Panel For Additional Precautionary Statements.

Sold By

Kemira

KEMIRA CHEMICALS, INC.
1000 PARKWOOD CIRCLE, SUITE 500
ATLANTA, GA 30339

EPA REG. No. 9386-4

EPA EST. No. 9386-GA-3

PRECAUTIONS TO HAZARDS TO HEALTH

CORROSIVE: Causes irreversible damage if swallowed. Do not inhale. Harmful if swallowed. Do not Prolonged or frequently repeated skin contact. Remove contaminated clothing and contact workers or other persons. Use using tobacco or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT: handlers must wear: Long-sleeved shirt, chemical-resistant apron and chern removing cartridge with a prefilterer prefix TC-23C), or a canister approved prefix TC-14G) or NIOSH approved with any N, R, P or HE prefilterer. product. Wash the outside of glove cleaning/maintaining PPE. If there water. Keep and wash PPE separate remove clothing immediately, wash 1

ENVIRONMENTAL HAZARDS: containing this product into lakes, of accordance with the requirements of permit and the permitting authority discharge effluent containing this pre sewage treatment plant authority. For of the EPA.

PHYSICAL OR CHEMICAL HAZARDS:

SIHC
 Nonrefillable container
 Do not contaminate

PESTICIDE STORAGE: Protect container closed when not in use. If liquid with absorbent material and disposal regulations.

PESTICIDE DISPOSAL: Pesticide pesticide, spray mixture, or rinsate is by use according to label direct Agency, or the Hazardous Waste repr **CONTAINER DISPOSAL:** Meta recycling or reconditioning, or puncture approved by state and local authority offer for recycling or reconditioning incineration, or if allowed by state and

LABEL DATE: 30-JUN-13CIMS

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1000 PARKWOOD CIRCLE, SUITE 500
ATLANTA, GA 30339

EPA REG. No. 9386-4

EPA EST. No. 9386-GA-3

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CORROSIVE: Causes irreversible eye damage or skin burns. Fatal if absorbed through skin or inhaled. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Do not breathe vapor. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Remove contaminated clothing and wash before reuse. Do not apply this product in a way that will contact workers or other persons. Users should wash hands before eating, drinking, or using tobacco or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Mixers, loaders, applicators and other handlers must wear: Long-sleeve shirt and long pants, shoes, plus socks, protective eyewear, chemical-resistant apron and chemical-resistant gloves; a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or NIOSH approved respirator with inorganic-vapor (OV) cartridge or canister with any N, R, P or HE prefilter. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. Follow manufacturer's instructions for cleaning/maintaining PPE. If there are no instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. If pesticide gets inside clothing, remove clothing immediately, wash thoroughly, and put on clean clothing.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. 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.

PHYSICAL OR CHEMICAL HAZARDS: Do not use, spill, pour or store near open flame.

STORAGE AND DISPOSAL:

Nonrefillable container. Do not reuse or refill this container.
Do not contaminate water, food or feed by storage or disposal.

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

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. 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 Environment 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.

LABEL DATE: 30-JUN-13CMS

LOT#:

APR 08 2014

ACCEPTED

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the Pesticide Registration number 9386-4 EPA Reg. No. 9386-4

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