



9386-4

08/07/2003

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 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7504C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: ____ Registration <u>X</u> Reregistration</p> <p>(under FIFRA, as amended)</p>	<p>EPA Reg. Number:- 9386-4</p>	<p>Date of Issuance: AUG 07 2003</p>
	<p>Term of Issuance:</p>	
	<p>Name of Pesticide Product: AMA 10</p>	
<p>Name and Address of Registrant (include ZIP Code): Vinings Industries, Inc. 2303 Cumberland Pkwy Atlanta, Georgia 30339-4501</p>		
<p>Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</p>		
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>Based on your response to the Reregistration Eligibility Document, EPA has reregistered the above named product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.</p> <p>Make the following labeling changes before you release the product for shipment:</p> <ol style="list-style-type: none"> Place the following the two phrases Contains Petroleum Distillate and Density: 8.7 LBS/GAL directly below the ingredients statement. The appropriate signal word for the product is Danger. Add the word Poison and the Skull and Crossbones symbol should appear below the signal word. 		
<p>Signature of Approving Official: Marshall Swindell, Product Manager 33, RMBI, AD</p> 	<p>Date: AUG 07 2003</p>	

4. Revise the subheading Statement of Practical Treatment to read First Aid.

5. Revise the First Aid section to read as follows:

IF SWALLOWED: Call a Poison Control Center or doctor immediately for treatment advice

Have person sip a glass of H₂O if able to swallow.

Do not induce vomiting unless told by a Poison Control Center or doctor.

IF ON SKIN : Take off contaminated clothing.
OR CLOTHING

Rinse skin immediately with plenty of water for 15-20 minutes.

Call a poison control center or doctor for advice.

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 further treatment advice.

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.

Call a poison control center or doctor for treatment advice.

* In case of emergency call toll free_____.

* Have the product container or label with you when calling a poison control center or doctor or going for treatment.

6. Revise the Note to Physician section to read as follows:

Probable mucosal damage may contraindicate the use of gastric lavage.

This product may pose an aspiration pneumonia hazard. Contains petroleum distillate.

7. Here are some suggested types of information that could also be included if applicable in the Note to Physician section:

- technical information on symptomatology;
- use of supportive treatments to maintain life functions
- medicine that will counteract the specific physiological effects of the pesticide;
- company telephone number to specific medical personnel who can provide specialized medical advice

8. Revise the Hazards to Humans and Domestic Animals section to read as follows:

Danger

Fatal if swallowed or absorbed through the skin or inhaled

Corrosive. Causes irreversible eye damage or skin burns. 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.

9. Revise and place the Personal Protective Equipment (PPE) section to appear directly below the Precautionary Statements section to read as follows:

For handling activities wear:

Coveralls over long-sleeved shirt and long pants, Socks and chemical resistant footwear, chemical-resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, PVC or viton), Goggles and face shield,

A respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), a cannister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or NIOSH approved respirator with an organic-vapor (OV) cartridge or cannister with any N,R, P or HE prefilter.

Mixers/Loaders and persons cleaning equipment must also wear a chemical resistant apron.

Handlers participating in hand dip applications must also wear chemical-resistant full-front aprons with attached full-sleeved gloves.

- 10. Place the Engineering Controls section directly below the (PPE) section to read as follows:

For applications to cooling water systems $\geq 4,000$ gallons, do not apply by open pouring of liquid to cooling water systems; a metering pump delivery system is required for this use and application method.

- 11. As per the RED and the Label Review Manuel, the User Recommendations must be enclosed in a box and placed directly below the Engineering section to read as follows:

User Safety Recommendations

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

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

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

- 12. Revise and place the Storage and Disposal section directly below the Misuse Statement to read as follows:

STORAGE AND DISPOSAL

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

Pesticide Storage: Protect from freezing....pesticide disposal regulations.

Pesticide Disposal: Pesticide wastes are....Office of Guidance

Container Disposal: Metal & Plastic Containers: Triple rinse.....stay out of smoke.

NOTE: The addition to the text is in **bold**.

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13. Submit two copies of the revised final printed label for the record.

The Confidential Statement of Formula dated June 18th, 1997, is acceptable.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



Marshall Swindell
Product Manager 33
Regulatory Management Branch I
Antimicrobial Division(7505C)

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 Vinings representative for technical advice concerning 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.

For application to cooling water systems \geq 4,000 gallons: Do not apply by open pouring of liquid to cooling water systems; a metering pump delivery system is required for this use and application method

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 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.

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.

DOT SHIPPING NAME: TOXIC LIQUIDS, ORGANIC, N.O.S. (METHYLENE BISTHIOCYANATE)

UN 2810

AMA[®]-10

(ANTIMICROBIAL AGENT)

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

(FOR INDUSTRIAL USE ONLY)

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

- If In Eyes:** Flush immediately with water for at least 15 minutes and get medical attention.
- If Ingested:** Do not induce vomiting. Get medical attention.
- If On Skin:** Remove contaminated clothing and immediately wash skin with soap and water for at least 15 minutes. If irritation persists get medical attention. Wash contaminated clothing before reuse.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

See Side Panel For Additional Precautionary Statements

EPA REG. NO. 9386-4 EPA EST NO. 9386-GA-1

MANUFACTURED BY

ACCEPTED
with COMMENTS
in EPA Letter Dated:

AUG 07 2003

VININGS INDUSTRIES, INC.

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

9386-4

1654 West Oak Drive

MARIETTA, GEORGIA 30062-2234

PRECAUTIONARY HAZARD TO HUMANS

DANGER. Corrosive, causes eye and skin damage. Contamination of food. Harmful or fatal if swallowed. Reactions in some people. Do not apply this product to food. Users should wash hands before eating, drinking.

Mixers, loaders, applicators and other handlers must wear long-sleeved shirts, long pants, socks, protective eyewear, chemical-resistant gloves, and PPE immediately after handling this product. Whenever possible, wash thoroughly and change into clean clothing before cleaning/maintaining PPE. If there are no instructions, wash PPE separately from other laundry. Rinse thoroughly, and put on clean clothing. Discard clothing that is soiled, drenched or heavily contaminated with this product.

Handlers participating in hand-dip applications, in addition to the dip and handling materials still wet from the dip, must wear attached full-sleeve gloves.

ENVIRONMENTAL HAZARDS: This pesticide may be harmful to aquatic life if this product enters lakes, streams, ponds, estuaries, etc. In accordance with the requirements of a National Pollutant Discharge Elimination Act permit, authority has been notified in writing prior to the release of this product to sewer systems without previously notified. For more guidance contact your State Water Board or Regional Office.

PHYSICAL OR CHEMICAL HAZARDS:
Do not use, spill, pour

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed.

STORAGE: Protect from freezing and temperature extremes. Do not use. If contents are spilled or leaked do not use. Material and dispose of in accordance with local, state, and federal regulations.
PESTICIDE DISPOSAL: Pesticide wastes are flammable, toxic, and corrosive. A spill or release of a pesticide, spray mixture, or rinsate is a violation of federal law. If a violation occurs, use according to label directions, contact your State Hazardous Waste representative at the nearest EPA Regional Office.
CONTAINER DISPOSAL: Metal Containers - Rinsing, reconditioning, or puncture and dispose of in a state and local authorities. Plastic Containers - Rinsing, reconditioning, or puncture and dispose of in a state and local authorities, by burning. If burned, stay

DENSITY: 8.7 LBS/GAL

LOT#

NET WT.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

7/10



AUG 07 2003

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

9386-4

TECHNICAL DATA

AMA[®]-10

DESCRIPTION:

AMA[®]-10 is an excellent, low cost liquid antimicrobial agent for use in paper mills, cooling towers, leather processing liquors, drilling muds and fluids, and oil field floods.

COMPOSITION:

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

TYPICAL PROPERTIES:

Appearance:	White to Beige creamy liquid	Density:	8.7 lb/gal
Flash Point:	Over 200°F	Solubility:	Complete at use concentration
pH:	3.0	Viscosity:	900 cps (Brookfield)
Freeze Point:	18°F		

EFFICACY:

AMA[®]-10 has been found to be an effective agent against many bacteria and fungi.

Following is a tabulation showing the ppm of AMA[®]-10 required to give complete inhibition at 96 hours:

<u>MICROORGANISM</u>	<u>PPM</u>	<u>MICROORGANISM</u>	<u>PPM</u>
<u>BACTERIA</u>		<u>FUNGI</u>	
1. <i>Flavobacterium capsulatum</i>	2.2	5. <i>Aspergillus niger</i>	20.5
2. <i>Enterobacter aerogenes</i>	40.0	6. <i>Penicillium expansum</i>	40.0
3. <i>Bacillus subtilis</i>	20.0	7. <i>Fusarium oxysporium</i>	40.0
4. <i>Pseudomonas fluorescens</i>	12.5		
<u>COMBINATION OF BACTERIA</u>	<u>PPM</u>	<u>COMBINATION OF FUNGI</u>	<u>PPM</u>
1,2&4 (Bacterial Combination)	40.0	5,6&7 (Fungal Combination)	30.3
<u>SULFATE-REDUCING BACTERIA</u>	<u>PPM</u>		
<i>Desulfovibrio desulfuricans</i>	5		

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AMA[®]-10
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DIRECTIONS FOR USE:

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Consult your Vinings' 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 1000 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 1000 gallons water (4.5 to 9.8 ppm active) as a continuous treatment 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.

For application to cooling water systems $\geq 4,000$ gallons: Do not apply by open pouring of liquid to cooling water systems; a metering pump delivery system is required for this use and application method.

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 pounds to 2.5 pounds of AMA[®]-10 per 1000 pounds) of white weight stock.

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 Vinings' AMA[®]-10 needed to produce a concentration of 5000 ppm (1.75 lb/bl) of Vinings' AMA[®]-10 in the drilling mud circulating system. For example, 211 gallons of Vinings' AMA[®]-10 per 1000 barrels of drilling fluid will produce the proper concentration.

For best results add Vinings' 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 Vinings' AMA[®]-10 to maintain the proper concentration.

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AMA[®]-10
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Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
amended, for the pest control
registered under EPA Reg. No.

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 Vinings' AMA[®]-10 needed to produce a concentration of approximately 750 ppm Vinings' AMA[®]-10. For example, 0.75 gallons of Vinings' AMA[®]-10 per each 1000 gallons of total volume will produce this dilution

Add Vinings' AMA[®]-10 as a slug treatment or intermittently.

500 ppm Vinings' AMA[®]-10, added each week, is recommended to maintain bacterial control. This may be accomplished by adding 0.50 gallons of Vinings' AMA[®]-10 to each 1000 gallons of total volume.

TECHNICAL ASSISTANCE:

Our technical staff is available to assist in the application of Vinings' products. You may request assistance through your sales representative or by contacting Vinings Industries at 800-347-1542.

STORAGE AND DISPOSAL:

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL

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 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 instructions, 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.

PRECAUTIONARY STATEMENTS:

HAZARD TO HUMANS AND DOMESTIC ANIMALS DANGER

Corrosive, causes eye and skin damage. Do not get in eyes, on skin or on clothing. Avoid contamination of food. Harmful or fatal if swallowed. This product may cause skin sensitization reactions in some people. Do not apply this product in a way that will contact workers or other persons. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

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. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. 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 immediately, wash thoroughly, and put on clean clothing. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

PRECAUTIONARY STATEMENTS CONTINUED:

Handlers participating in hand-dip applications, including introduction of materials to and removal from the dip and handling materials still wet from the dip, must wear chemical-resistant full-front aprons with attached full-sleeve gloves.

STATEMENT OF PRACTICAL TREATMENT:

IF IN EYES:	Flush immediately with water for at least 15 minutes and get medical attention.
IF INGESTED:	Do not induce vomiting. Get medical attention.
IF ON SKIN:	Remove contaminated clothing and immediately wash skin with soap and water for at least 15 minutes. If irritation persists, get medical attention. Wash contaminated clothing before reuse.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

PHYSICAL OR CHEMICAL HAZARDS:

Do not use or store near heat or open flame.

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.

SHIPPING POINT:

Marietta, Georgia
Washougal, Washington

PACKAGING:

55 gallon drums
350 gallon portabins
Bulk

ACCEPTED
with COMMENTS
in EPA Letter Dated:

AUG 07 2003

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Fungicide, and Rodenticide Act as
amended, for the pesticide,
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