

DIRECTIONS FOR USE:

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

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[®]-10W per 1,000 gallons water (1.25 to 6.20 ppm active) as a continuous or intermittent slug 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[®]-10W 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.

AIR WASHER SYSTEMS: For Control of Bacteria and Fungi: Pre-clean the system with detergent and allow air washer to run with fan on for two hours. Flush and check nozzles, manually cleaning as necessary. Add 10 - 40 ppm of AMA[®]-10W (0.01 to 0.04 gallons per 1,000 gallons of water) one to three times per week or as needed to maintain control. Add AMA[®]-10W to a point in the system where uniform mixing and even distribution will occur.

B. VERY PASTEURIZER WATER: For Control of Bacteria, Yeasts and Fungi: Dosages of AMA[®]-10W will depend upon the condition of the system. Systems which are heavily contaminated should be cleaned first. AMA[®]-10W should be added to the first section of the pasteurizer.

The initial dose should be 20 to 40 ppm of AMA[®]-10W (0.02 to 0.04 gallons per 1,000 gallons of water) once or twice weekly, or as needed to obtain control of slime forming organisms. To maintain control, add 10 to 30 ppm of AMA[®]-10W (0.01 to 0.03 gallons per 1,000 gallons of water) once, twice or three times weekly, or as needed. AMA[®]-10W may be added continuously or intermittently, as required to control growth.

PAPER MILL SLIME CONTROL: FOR THE CONTROL OF SLIME-FORMING AND/OR SPOILAGE BACTERIA: AMA[®]-10W 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[®]-10W per ton of paper produced.

INTERMITTENT FEED METHOD: Apply 3.5 to 5.0 fluid ounces of AMA[®]-10W per ton (dry basis) of pulp or paper for 2 hours every 8 hours. Badly fouled systems must be cleaned before initial treatment.

CONTINUOUS FEED METHOD: Apply 2 to 4 fluid ounces of AMA[®]-10W 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 certain site problems.

SOLUTIONS AND EMULSIONS: For the preservation of solutions, emulsions, adhesives and other liquid products, the addition of 75 to 750 ppm of AMA[®]-10W is effective. Add AMA[®]-10W at a point in the processing system where there will be sufficient time and agitation for good mixing and dispersion. The exact amount of AMA[®]-10W to be added for the preservation of given formulations will depend on the components as well as local storage time and condition. Dosage rates should be determined by actual test. This product is not cleared for use in the manufacture of adhesives that may come in contact with food.

METAL WORKING FLUIDS: For the control of fungus and bacteria in metal working fluids that contain water, add 100 to 400 ppm of AMA[®]-10W (0.10 to 0.40 gallons per 1,000 gallons of fluid in the collection tank is recommended. Thoroughly mix the fluid after adding AMA[®]-10W to insure complete dispersion.

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.

31 9386-31
AMA[®]-10W
REC'D EPA/OPP/DPDI
(ANTIMICROBIAL AGENT)

Active Ingredient: Methylenebis(2-chlorophenyl) cyanate 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. 9386-31 EPA EST NO. 9386-GA-1

MANUFACTURED BY

Vinings Industries, Inc.

1654 West Oak Drive
MARIETTA, GEORGIA 30062-2234

PRECAUTIONARY STATEMENTS:

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive, causes eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reusing. Avoid contamination of food. Harmful or fatal if swallowed.

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:

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 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.

DENSITY: 8.7 LBS/GAL. LABEL DATE: 08/01/96

LOT#

ACCEPTED
OCT 24 1996
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 9386-31



TECHNICAL DATA

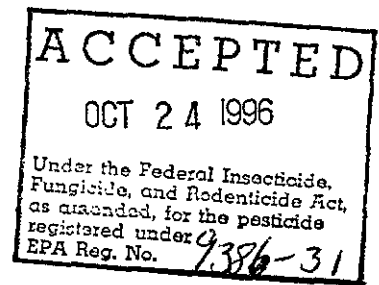
AMA[®]-10W

DESCRIPTION:

AMA[®]-10W is an excellent, low cost liquid antimicrobial agent.

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		

DIRECTIONS FOR USE:

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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[®]-10W 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.

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AIR WASHER SYSTEMS: FOR CONTROL OF BACTERIA AND FUNGI: Preclean the system with detergent and allow air washer to run with fan on for two hours. Flush and check nozzles, manually cleaning as necessary. Add 10 to 40 ppm of AMA[®]-10W (0.01 to 0.04 gallons per 1,000 gallons of water) one to three times per week or as needed to maintain control. Add AMA[®]-10W to a point in the system where uniform mixing and even distribution will occur.

BREWERY PASTEURIZER WATER: FOR CONTROL OF BACTERIA, YEASTS AND FUNGI:

Dosages of AMA[®]-10W will depend upon the condition of the system. Systems which are heavily contaminated should be cleaned first. AMA[®]-10W should be added to the first section of the pasteurizer. The initial dose should be 20 to 40 ppm of AMA[®]-10W (0.02 to 0.04 gallons per 1,000 gallons water) once or twice weekly, or as needed to obtain control of slime forming organisms. To maintain control, add 10 to 30 ppm of AMA[®]-10W (0.01 to 0.03 gallons per 1,000 gallons of water) once, twice or three times weekly, or as needed. Addition of AMA[®]-10W may be continuously or intermittently, as required to control growth.

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AMA®-10W

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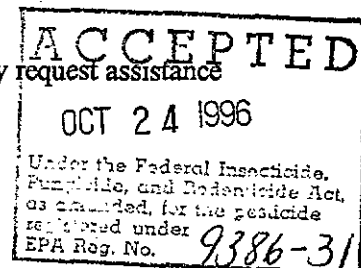
FUEL PRESERVATION: For control of bacterial and fungal growth in the following liquid hydrocarbon fuels and oils (crude oil, diesel fuel, residual fuel oils, coal slurries, liquefied petroleum gases, and petrochemical feedstocks) add a slug dose of 50 - 100 ppm AMA®-10W. Repeat as needed to gain control. 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.

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.

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STORAGE AND DISPOSAL (CONT.):

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. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reusing. Avoid contamination of food. Harmful or fatal if swallowed.

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:

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SHIPPING POINT:

Marietta, Georgia
Washougal, Washington

PACKAGING:

55 gallon drums
350 gallon portabins
Bulk

gmh
FORM: AMA10W/TDS
DATE: 8/1/96
REVISION: 8

ACCEPTED
OCT 24 1998
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 9386-31

RECD: EPA/OPP/DPD1
OCT 12 P2:02



TECHNICAL DATA

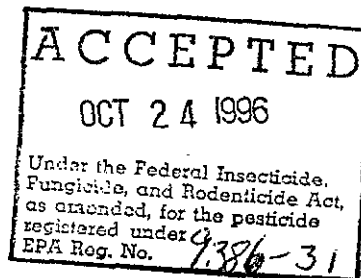
AMA[®]-10W

DESCRIPTION:

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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)
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AMA[®]-10W
Page 2

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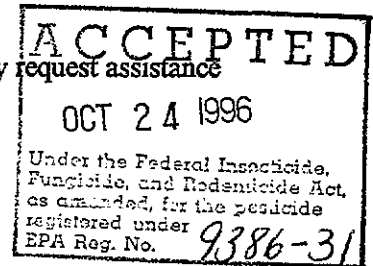
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CORROSIVE, CAUSES EYE AND SKIN DAMAGE

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Marietta, Georgia
Washougal, Washington

PACKAGING:

55 gallon drums
350 gallon portabins
Bulk

ACCEPTED
OCT 24 1996
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 9386-31

RECD: MA/OPP/DPD1
OCT 12 P 2:02

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BEST AVAILABLE COPY

AMA[®]-10W

REGD EPA/OPP/DPDI
(ANTIMICROBIAL AGENT)

Active Ingredient: 100%
Inert Ingredients: 0%
TOTAL: 100%

(FOR INDUSTRIAL USE ONLY)

KEEP OUT OF REACH OF CHILDREN

DANGER

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EPA REG. NO. 9386-31 EPA EST NO. 9386-GA-1

MANUFACTURED BY

Vinings Industries, Inc.

1654 West Oak Drive
MARIETTA, GEORGIA 30062-2234

PRECAUTION: HAZARDS TO HUMAN

Corrosive, causes eye and skin damage
Wear goggles or face shield and rubber soap and water after handling. Reusing. Avoid contamination of food.

ENVIRONMENTAL HAZARDS: This effluent containing this product into la waters unless in accordance with the n Elimination System (NPDES) permit a writing prior to discharge. Do not disc systems without previously notifying th guidance contact your State Water Boar

PHYSICAL OR C
Do not use, spill, poi

STORAGE

Do not contaminate water, f

STORAGE: Protect from freezing a container closed when not in use. If c damage, collect liquid with absorbent ma state and federal pesticide disposal regul
PESTICIDE DISPOSAL: Pesticide wa of excess pesticide, spray mixture, or r wastes cannot be disposed of by use acc Pesticide or Environment Control Agen the nearest EPA Regional Office for guid
CONTAINER DISPOSAL: Metal Co offer for recycling or reconditioning, or or by other procedures approved by sta Triple rinse (or equivalent). Then offer and dispose of in a sanitary landfill, or

ACCEPTED
OCT 24 1996
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 9386-31

DENSITY: 8.7 LBS/GAL

LOT#