

# DIRECTIONS FOR USE:

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING

**NETAL WASHING FLUIDS:** For the control of fungus and bacteria in metal working fluids that contain water, add 100 to 900 ppm of AMA-100 (0.10 to 0.90 gallons per 1,000 gallons of fluid) per week, or as needed to maintain control. Stop feeding to the fluid as the collection tank is recommended. Thoroughly mix the fluid after adding AMA-100 to insure complete dispersion.

**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-100 (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-100 to a point in the system where uniform mixing and even distribution will occur.

**RECIRCULATING COOLING WATER SYSTEMS - FOR CONTROL OF SLIM FORMING BACTERIA - (cooling towers, evaporative condensers) Bacterial Control:** Use 1.6 to 7.9 fluid ounces of AMA-100 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 not noticeably fouled, use 5.0 to 12.5 fluid ounces of AMA-100 per 1,000 gallons water (4.5 to 9.0 ppm active) as a continuous treatment daily or as required to obtain control. Daily fouling 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.

**DRINKING WATER:** For Control of Bacteria, Yeasts and Fungi: Dosages of AMA-100 will depend upon the condition of the system. Systems which are heavily contaminated should be cleaned first. AMA-100 should be added to the first section of the pasteurizer.

The initial dose should be 20 to 40 ppm of AMA-100 (0.02 to 0.04 gallons per 1,000 gallons of water) once or twice weekly, or as needed to obtain control of slim forming organisms. To maintain control, add 10 to 20 ppm of AMA-100 (0.01 to 0.02 gallons per 1,000 gallons of water) r.m., twice or three times weekly, or as needed. AMA-100 may be added continuously or intermittently, as required to control growth.

**SOLUTIONS AND EMULSIONS:** For the preservation of solutions, emulsions, adhesives and other aqueous liquid products, the addition of 75 to 200 ppm of AMA-100 is effective. Add AMA-100 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-100 to be added for the preservation of glass 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.

# AMA-100

(ANTIMICROBIAL AGENT)

### ACTIVE INGREDIENT

Orthogon bis (thioorganate)

104

### INERT INGREDIENTS

907

TOTAL

1007

(FOR INDUSTRIAL USE ONLY)

KEEP OUT OF REACH OF CHILDREN

## DANGER

### STATEMENT OF PRACTICAL TREATMENT

- IF IN EYES:** Flush immediately with water 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. If irritation persists, get medical attention. Wash contaminated clothing before reuse.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Hazards against circulatory shock, respiratory depression and convulsions may be noted.

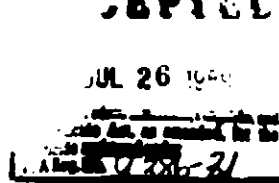
SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REGISTRATION No. 9306-31 EPA ESTABLISHMENT No. 9306-CA-1

MANUFACTURED BY

WININGS INDUSTRIES, INC.

MARIETTA, GEORGIA 30066



07/16/89

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## PRECAUTIONARY STATEMENTS

**HAZARD TO HUMANS AND DOMESTIC ANIMALS:** IRRITANT OR FATAL IF SWALLOWED OR ABSORBED THROUGH THE SKIN. CAUSES EYE IRRITATION AND SKIN IRRITATION. Wear goggles or face shield and rubber gloves when handling. Do not get in eyes, on skin or on clothing.

**PHYSICAL AND 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 public waters unless this product is specifically identified and approved in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment authority. For guidance contact your State Water Board or Regional Office of the EPA.

## STORAGE AND DISPOSAL

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

**STORAGE:** Protect from freezing and temperatures in excess of 140F. 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 one according to label directions, 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.

8.7 LBS. PER GALLON

pm 31

9386-31

10/11

Inert Ingredients: 10%  
TOTAL 90%  
100%

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**TYPICAL PHYSICAL PROPERTIES:**

Physical Form:	Creamy liquid	Color:	Beige
Specific Gravity:	1.04 @ 23°C	Density:	8.7 lb/gal
Flash Point:	Over 200°F	Solubility:	Complete at use concentration
pH:	4.3	Viscosity:	600-700 cps (Brookfield #2 @ 100 RPM)
Freeze Point:	18°F		

**DIRECTIONS FOR USE:**

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

**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 1000 gallons of fluid) per week, or as needed to maintain control. Slug feeding to the fluid in the collection tank is recommended. Thoroughly mix the fluid after adding AMA-10W to insure complete dispersion.

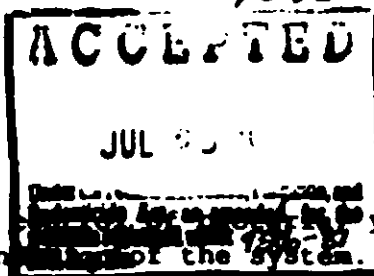
**AIR WASHER SYSTEMS:** For control of bacteria and fungi: Pre-clean the system with detergent and allow air washer to run with fan on for two hours. Flush and check nozzles, manually cleaning as necessary. Add 10 to 40 ppm of AMA-10W (0.01 to 0.04 gallons per 1000 gallons of water) one to three times 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.

**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.

AMA-10W  
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**BREWERY PASTEURIZER WATER:** For ~~controlling yeast and fungi~~ yeasts and fungi. Dosages of AMA-10W will depend upon the ~~condition~~ <sup>condition</sup> 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 1000 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 1000 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.

**SOLUTIONS & EMULSIONS:** For the preservation of solutions, emulsions, adhesives and other aqueous liquid products, the addition of 75 to 200 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 formulation will depend on the the components as well as local storage time and condition. Dosage rates should be determined by actual tests. This product is not cleared for use in the manufacture of adhesives that may come in contact with food.

#### TECHNICAL ASSISTANCE:

The service of our engineers is available at any time, upon request, to assist in solving problems pertaining to use of Vinings' products. Information concerning this service is available from your regular sales representative or may be obtained by writing to Vinings Industries, Atlanta, Georgia 30339.

#### 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 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**

**HARMFUL OR FATAL IF SWALLOWED OR ABSORBED THROUGH THE SKIN. CAUSES EYE DAMAGE AND SKIN IRRITATION.** Wear goggles or face shield and rubber gloves when handling. Do not get in eyes, on skin or on clothing.

**STATEMENT OF PRACTICAL TREATMENT:**

**IF IN EYES:** Flush immediately with water 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. If irritation persists, get medical attention. Wash contaminated clothing before reuse.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.

**PHYSICAL OR CHEMICAL HAZARDS:**

Do not use or store near heat or open flame.

**ENVIRONMENTAL HAZARDS:**

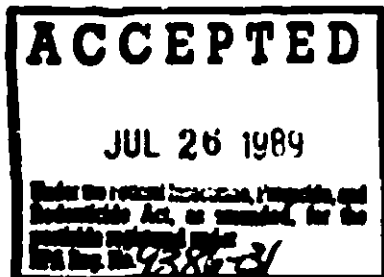
This pesticide is toxic to fish. Do not discharge treated effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment authority. For guidance contact your State water Board or Regional Office of the Environmental Protection Agency.

**SHIPPING POINT:**

Marietta, Georgia

**PACKAGING:**

55 gallon drums  
350 gallon portabins  
Bulk



VININGS INDUSTRIES  
3950 Cumberland Parkway  
Atlanta, Georgia 30339