

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY 10 1995

Vinings Industries, Inc.  
3950 Cumberland Parkway  
Atlanta, GA 30339

Attention: R.V. Hinton

Subject: AMA-3515  
EPA Registration No. 9386-18  
Amendment Dated March 29, 1995

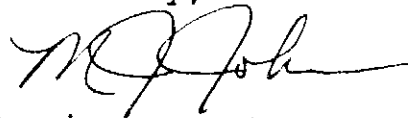
The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to revise your "Environmental Hazard" statement as per PR Notice 93-10, is acceptable, provided that you make the labeling changes listed below before you release the product for shipment bearing the amended label.

1. Under the "Statement of Practical Treatment" section, revise "Drink promptly a large quantity of milk, egg whites, or gelatin solution ...." to read "Drink promptly a large quantity of water...."
2. Delete the statement "Measures against circulatory shock, respiratory depression and convulsion may be needed".

A stamped copy of the labeling is enclosed for your records. Submit one (1) copy of the final printed label prior to release of the product for shipment.

If you have any questions concerning this letter, please contact Martha Terry at (703) 305-6982.

Sincerely,



Marion J. Johnson, Jr.  
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (7505C)

Enclosure

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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**DIRECTIONS FOR USE:**

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

**TREATMENT DIRECTIONS: INDUSTRIAL AND COMMERCIAL RECIRCULATING COOLING TOWERS: FOR CONTROL OF ALGAE AND SLIME-FORMING BACTERIA:**

Dosages for recirculating cooling tower water systems will depend on the conditions of the system before treatment initiation. Systems which are heavily contaminated should be cleaned first. Apply AMA®-3515 to the cleaned system or when growth is first noticed according to the following schedule:

**INITIAL DOSAGE:** Apply 9.7 to 19.3 fluid ounces (75 ppm to 150 ppm) of AMA®-3515 per each 1,000 gallons of water in the system. This dose may be as a continuous treatment or applied once, twice or three times weekly or as needed to maintain control.

**SUBSEQUENT DOSAGE:** When microbial control is evident, add 6.4 to 12.9 fluid ounces (50 to 100 ppm) of AMA®-3515 per 1,000 gallons of water in the system as a continuous treatment daily or every 3 days or as needed to maintain control.

**NOTE:** AMA®-3515 must be added at a point in the cooling system where uniform mixing and even distribution will occur, such as the cooling tower basin or sump.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAY 16 1995

Under U.S. Environmental Protection Agency  
EPA Registration No. 9386-18  
is approved for the use of the  
registered under EPA Reg. No.  
9386-18

**AMA®-3515**

ANTIMICROBIAL AGENT

Active Ingredient:

n-Alkyl (50% C14, 40% C12, 10% C16) dimethylbenzyl ammonium chloride  
Bis(Tributyltin)Oxide

Inert Ingredients:

TOTAL

KEEP OUT OF REACH OF CHILDREN

**DANGER**

**STATEMENT OF PRACTICAL TREATMENT**

**If swallowed:** Drink promptly a large quantity of milk, egg whites or water. If these are not available, 1 or 2 glasses of water. A physician should be called for attention at once. Do not induce vomiting or give any food or drink to an unconscious person.

**If on skin:** Wash thoroughly with soap and water. Remove any contaminated clothing before reuse.

**If in eyes:** Flush with plenty of water for at least 15 minutes. Call a physician.

**Note to Physician:** Probable mucosal damage may contraindicate the use of this product. Measures against circulatory shock, respiratory depression and other symptoms may be needed.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONS

EPA REGISTRATION No. 9386-18

EPA ESTABLISHMENT No. 100-100-01

**MANUFACTURED BY  
VININGS INDUSTRIAL  
MARIETTA, GEORGIA**

**BEST COPY AVAILABLE**

# AMA®-3515

ANTIMICROBIAL AGENT

## PRECAUTIONARY STATEMENTS:

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER. CORROSIVE. CAUSES SEVERE EYE AND SKIN DAMAGE. HARMFUL OR FATAL IF SWALLOWED.** Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing vapor or mist. Avoid contamination of food. Do not take internally. Wash thoroughly after handling.

**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.

### 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 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.

03/29/95

8.3 LBS/GAL.

### Active Ingredient:

n-Alkyl (50% C14, 40% C12, 10% C16) dimethyl-benzyl ammonium chloride

12.50%

Bis(Tributyltin)Oxide

2.25%

### Inert Ingredients:

TOTAL

85.25%

100.00%

KEEP OUT OF REACH OF CHILDREN

## DANGER

### STATEMENT OF PRACTICAL TREATMENT

**If swallowed:** Drink promptly a large quantity of milk, egg whites, or gelatin solution or if these are not available, 1 or 2 glasses of water. Avoid alcohol. Get medical attention at once. Do not induce vomiting or give anything by mouth to an unconscious person.

**If on skin:** Wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse.

**If in eyes:** Flush with plenty of water for at least 15 minutes. Call a physician.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REGISTRATION No. 9386-18

EPA ESTABLISHMENT No. 9386-GA-1

MANUFACTURED BY  
**VININGS INDUSTRIES, INC.**  
MARIETTA, GEORGIA 30062

BEST COPY AVAILABLE

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FOR USE:

Use this product in a manner  
as indicated on its labeling.

### INDUSTRIAL AND COMMERCIAL USE: FOR CONTROL OF ALGAE AND

biofouling in recirculating cooling tower water systems  
before treatment initiation. Systems which are  
to be cleaned. Apply AMA®-3515 to the cleaned system or  
on the following schedule:

Apply 1 to 2 fluid ounces (75 ppm to 150 ppm) of AMA®-3515  
to the system. This dose may be as a continuous treatment  
as needed to maintain control.

If control is evident, add 6.4 to 12.9 fluid ounces  
of water in the system as a continuous  
treatment to maintain control.

Use in the cooling system where uniform mixing  
is achieved in the cooling tower basin or sump.

ACCEPTED  
WITH COMMENTS  
in EPA Letter Dated:

MAY 16 1995

AMA®-3515 is a pesticide,  
fungicide and herbicide. It  
is registered for use on the  
following crops under EPA Reg. No.  
9386-18

AMA®-3515 is a biocide designed to control the growth of algae and slime-forming bacteria in industrial and commercial cooling towers. This product is very effective against sulfate reducing bacteria.

**CHEMICAL COMPOSITION:**

Active Ingredients:	N-alkyl (50% C <sub>14</sub> , 40% C <sub>12</sub> , 10% C <sub>16</sub> ) dimethyl benzyl ammonium chloride	12.50 %
	Bis(Tributyltin)Oxide	2.25 %
Inert Ingredients:		85.25 %
	TOTAL	100.00 %

**TYPICAL PROPERTIES:**

Physical Form:	Clear, water white liquid
pH:	8.4
Density:	8.28 lb/gal
Flash Point:	> 200°F (Pensky-Martens)

**DIRECTIONS FOR USE:**

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

**INDUSTRIAL AND COMMERCIAL RECIRCULATING COOLING TOWERS; FOR CONTROL OF ALGAE AND SLIME-FORMING BACTERIA:** Dosages for recirculating cooling water systems will depend on the conditions of the system prior to treatment initiation. Systems which are heavily contaminated should be cleaned first. Apply AMA®-3515 to the cleaned system or when growth is first noticed according to the following schedule:

**INITIAL DOSAGE:** Apply 9.7-19.3 fluid ounces (75 ppm-150 ppm) of AMA®-3515 per each 1000 gallons of water in the system. This dose may be as a continuous treatment or applied once, twice, or three times weekly or as required to control the growth of slime-forming organisms.

**SUBSEQUENT:** When microbial control is evident add 6.4-12.9 fluid ounces (50-100 ppm) per 1000 gallons of water in the system as a continuous treatment daily or every 3 days or as required to maintain control.

**NOTE:** AMA®-3515 must be added at a point in the cooling system where uniform mixing and even distribution will occur, such as the cooling tower basin or sump.

**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.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
  
MAY 16 1988  
  
EPA REGION 4  
Atlanta, Georgia  
This pesticide is registered under EPA Reg. No. 9386-18

595

**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 toxic. 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:**

**CORROSIVE. CAUSES SEVERE EYE AND SKIN DAMAGE HARMFUL OR FATAL IF SWALLOWED.** Do not get in eyes, on skin, or clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing vapor or mist. Avoid contamination of food. Do not take internally. Wash thoroughly after handling.

**STATEMENT OF PRACTICAL TREATMENT:**

**IF ON SKIN:** Wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse.  
**IF IN EYES:** Flush with plenty of water for least 15 minutes. Call a physician.  
**IF SWALLOWED:** Drink promptly a large quantity of milk, egg whites, or gelatin solution, or if these are not available, 1 or 2 glasses of water. Avoid alcohol. Get medical attention at once. Do not induce vomiting or give anything by mouth to an unconscious person.

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

**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  
30 gallon drums

Form: AMA3515.TDS  
Date: 03/95  
Revision: 2

REGISTERED  
MAY 16 1995  
7386-18