

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY 16 1995

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

Attention: R.V. Hinton

Subject: AMA-3523
EPA Registration No. 9386-22
Amendment Dated March 21, 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. Revise the statement "Drink promptly a large quantity of milk, egg whites, or gelatin solution or if these are not available, 1 or 2 glasses of water" to read "Drink promptly 1 or 2 glasses 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.

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

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CONCURRENCES

SYMBOL							
SURNAME							
DATE							

AMA[®]-3523

ANTIMICROBIAL AGENT

Ingredient:

Alkyl (50% C14, 40% C12, 10% C16) dimethyl-
zyl ammonium chloride
(Tributyltin)Oxide

Ingredients:

TAL

20.00%
2.85%
77.15%
100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

allowed: 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.

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

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

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

REGISTRATION No. 9386-22 EPA ESTABLISHMENT No. 9386-GA-1

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

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

PRECAUTION

HAZARDS TO HUMAN

DANGER. CORROSIVE. DAMAGE. HARMFUL OR I
eyes, on skin or on clothing. gloves when handling. Av contamination of food. Do n handling.

ENVIRONMENTAL HAZAR
discharge effluent containing estuaries, oceans or other waters of a National Pollutant Dischar the permitting authority has bee not discharge effluent containi previously notifyish the local guidance contact your State Wat

STORAGE

DO NOT CONTAMIN BY STOR

STORAGE: Protect from free Keep container closed when ac due to container damage, collec of in accordance with local, stat **PESTICIDE DISPOSAL:** Improper disposal of excess violation of Federal Law. If according to label directions, co Control Agency, or the Hazard Regional Office for guidance. **CONTAINER DISPOSAL:** equivalent). Then offer for re dispose of in a sanitary landfill and local authorities. Plastic Co offer for recycling or recondi sanitary landfill, or incinerat authorities, by burning. If burne

03/21/95

AMA®-3523 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 ₁₄ , 40% C ₁₂ , 10% C ₁₀)		
	dimethyl benzyl ammonium chloride		20.00%
	Bis(Tributyltin)Oxide	ACCEPTED	2.85%
Inert ingredients:		with COMMENTS	77.15%
	TOTAL	in EPA Letter Dated:	100.00%

TYPICAL PROPERTIES:

Physical Form: Clear, water-white liquid
pH: 8.4
Density: 8.24 lb/gal
Flash Point: >200°F (Pensky-Martens)

MAY 16 1995
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
9386-27-

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®-3523 to the cleaned system or when growth is first noticed according to the following schedule:

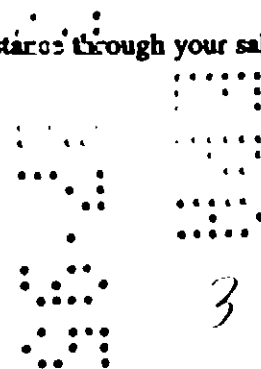
INITIAL DOSAGE: Apply 19.4-32.4 fluid ounces (150 ppm) of AMA®-3523 per each 1000 gallons of water in the system. This dose may be as a continuous treatment or applied once, twice, or three times weekly or as required to control the growth of slime-forming organisms.

SUBSEQUENT DOSAGE: When microbial control is evident add 5.2 -15.6 fluid ounces (40-1200 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®-3523 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.



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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:
HAZARD 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 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 at 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:

PACKAGING:

Marietta, Georgia 55 gallon drums
Washougal, Washington 30 gallon drums

Form: AMA3523.TDS
Date: 03/95
Revision: 2

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAY 16 1995

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
9386-22

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