

PM31 9386-10

10/7

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

MAR 18 '91

Attention: R. V. Hinton

Subject: AMA-35D
EPA Registration Number 9386-10
Your Submission Dated September 10, 1991
EPA Received Date September 11, 1991

The amendment referred to above submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act is acceptable.

Based on the chemical analysis of 23 samples from 23 different batches registrant is proposing to lower the declared percentage to the lowest certified limit. The active ingredient varied between 99.4% the highest and 97.8% the lowest value.


The label claim will remain the lower certified limit. There would be no objection to change the label claim from 99% to 98%.

The revised Confidential Statement of Formula agrees with the label claim and it declares the lower certified limit and would be acceptable.

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

If you have any questions concerning this letter, please contact Karen M. Leavy at (703)-305-6966.

Sincerely yours,

John H. Lee 
Product Manager-31
Antimicrobial Program Branch
Registration Division (H7505-C)

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

AMA-35D

ANTIMICROBIAL AGENT FOR INDUSTRIAL USE

ACTIVE INGREDIENT:		
Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione.....	98 %	
INERT INGREDIENTS.....	2 %	
	TOTAL.....	100 %

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush with plenty of water for at least 15 minutes. Call a physician.

IF ON SKIN: Wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse.

IF SWALLOWED: Drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

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

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA REGISTRATION No. 9386-10 EPA ESTABLISHMENT No. 9386-GA-1

MANUFACTURED BY
WININGS INDUSTRIES, INC.
MARIETTA, GEORGIA 30062

BEST AVAILABLE COPY

DIRECTIONS FOR USE:

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

A Fungicide for formulating use only.

Minings Industries markets ANA-350 solely as an industrial grade organic
intermediate and as such, formulators are responsible for providing data to
support the registration for their formulated products

For further information on ANA-350, see the Technical Data Sheet.

(Fo
see

(e co
en

MAR 18 1992

11
12
13
14

9380-10

(nast

(oxic

9/4/9

BEST AVAILABLE COPY

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. MAY CAUSE SKIN AND EYE IRRITATION. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. WASH THOROUGHLY AFTER HANDLING.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply (or use) in estuarine oil fields where drilling fluids (muds) are discharged in the surface water. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in a NPDES permit. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS

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

STORAGE AND DISPOSAL

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

STORAGE: Protect from temperatures in excess of 140F. Keep container closed when not in use. If contents are spilled or leaked due to container damage, collect and dispose of in accordance with local, state and federal 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 directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Fiber Drums with Liners: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

47 LBS. PER CUBIC FOOT

5551 45

PM 31 9386-10

5017

VININGS

TECHNICAL DATA

AMA-35D
INTERMEDIATE FOR
MANUFACTURING USE

DESCRIPTION:

AMA-35D is a nearly odorless, dustless, free flowing crystalline solid. It is an excellent fungicide and is intended only for use in the formulating and/or compounding of pesticides.

AMA-35D is sold as an industrial technical grade organic intermediate. As such, formulators are responsible for providing data to support the registration for their formulated products.

COMPOSITION:

Active Ingredients:

Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione 98%

Inert Ingredients:

2%

TOTAL

100%

MAR 18

PHYSICAL PROPERTIES:

Appearance: White crystalline solid

Density: 47 lb/ft³

Melting Point: 221°F

Solubility: Water-0.2%

Odor: Nearly odorless

Acetonitrile-10%

N-Octanol-0.1%

9386-10

SOLUTIONS:

100 lb of tetrahydro-3,5-dimethyl-2H,3,5-thiadiazine-2-thione (98%) can be put into solution by the following manner.

Add 89 lb of 50% caustic to 25 gallons of water - making sure that the temperature does not go above 80°F or below 70°F. Then add AMA-35D (100 lb) slowly stirring.

NOTE: TEMPERATURE CONTROL IS IMPORTANT WHEN ADDING AMA-35D.

PRECAUTIONARY STATEMENTS:

HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION. AMA-35D MAY CAUSE SKIN AND EYE IRRITATION, AVOID CONTACT WITH SKIN, EYES, AND CLOTHING. WASH THOROUGHLY AFTER HANDLING.

BEST AVAILABLE COPY



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, gelatin solution or if these are not available drink large quantities of water. Avoid alcohol. Call physician immediately.

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

DIRECTIONS FOR USE:

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

In as much as each formulator has their own specific procedure and desired concentrations in compounding pesticidal agents, no specific concentration recommendations can be give.

It should be understood, each formulator or compounder using AMA-35D must provide data to support the registration for their formulated and/or compounded pesticidal agent.

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 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: Fiber Drums with Liners - Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

17.24 11

ENVIRONMENTAL HAZARDS:

This product is toxic to fish. Do not apply (or use) in estuarine oil fields where drilling fluids (muds) are discharged in the surface water. Do not discharge effluent containing this product into lake, 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 into sewer systems without previously notifying the sewage treatment authority. For guidance contact your State Water Board or Regional Office of the EPA.

SHIPPING POINT:

Marietta, Georgia

PACKAGING:

50, 75, 100 and 200 lb fiber drums

9386-10