

1757-41

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEC - 9 2002

Vivienne Gaudette  
Staff Product & Regulatory Information Specialist  
Ashland Industrial Division  
Ashland Chemical Company, Division of Ashland, Inc.  
One Drew Plaza  
Boonton, NJ 07005

SUBJECT: AMERSTAT 233  
EPA Registration Number: 1757-41  
Application Date: September 23, 2002  
Receipt Date: October 3, 2002

Dear Vivienne Gaudette:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the conditions listed below:

- Update Label Language
- Update First Aid Statements

**Conditions**

1. Submit a current Confidential Statement of Formula (CSF) in which the nominal concentration is in agreement with the label.

Revise the label as follows:

2. Revise the "Precautionary Statements" to read: "Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not get in eyes, on skin, or on clothing. Wear eyewear (goggles or face shield), rubber gloves and protective clothing when handling."

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse." Revise such that all wording is in the same size font, such as what is currently used for the phrase: "Do not get in eyes, on skin..."

3. Revise the section beginning: "Amerstat 233 Microbiocide controls the growth of slime in papermills..." such that the word mildewcide is spelled correctly.

4. Revise the "Directions for Use" such that mandatory language is incorporated as per PR Notice 2000-5. Revise to state: "Add AMERSTAT 233 microbiocide at a point in the system where sufficient agitation will insure good dispersion." and "Add AMERSTAT 233 microbiocide as early as possible to the system and where there is good agitation."

5. Revise the "Storage and Disposal" instructions such that the statement "Do not contaminate water, food or feed by storage or disposal." immediately follows the "Storage and Disposal" heading and is not included as part of the Pesticide Storage statement.


6. Revise the Pesticide Storage statement by deleting the word "Caution". Signal words (Danger, Warning, Caution) are not to be including in other language on the label in addition to their use as a signal word. Revise to state: "Exercise care to prevent damage to or leakage from the container."

General Comments

A stamped copy of the accepted labeling is enclosed. Submit (2) copies of the final printed labeling before distributing or selling this product bearing the revised labeling. Also submit a revised CSF.

Should you have any questions or comments concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510C)

Enclosure: Stamped Label  
7510C:T.Lantz:12/4/02:1757-41

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ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

DEC 9 2002

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide

1757-41

# AMERSTAT® 233

## MICROBIOCIDAL

### FOR INDUSTRIAL USE ONLY

#### ACTIVE INGREDIENT

Tetrahydro-3, 5-dimethyl-2H-1, 3, 5-thiadiazine-2-thione ..... 24.0%

INERT INGREDIENTS\* ..... 76.0%

TOTAL ..... 100.0%

\*Inert ingredients include solubilizing agents.

#### DIRECTIONS FOR USE CONTI

#### SILICIDE APPLICATIONS

AMERSTAT 233 microbicide c  
effect the production of paper an  
pounds of AMERSTAT 233 micr  
the type of stock, complexity of  
AMERSTAT 233 microbicide m  
system. Feed points may includ

#### PRESERVATIVE APPLICATIO

Many aqueous systems require  
physical properties or performan  
emissions. AMERSTAT 233 mi  
inks, paper coatings and mineral  
metal-working fluids are general

AMERSTAT 233 microbicide is  
in drilling muds, gypsum muds, p  
by weight per barrel of mud or p

With any preservative applicatio  
system and should be added whe  
will aid in the effectiveness of the

#### MILDEWICIDE APPLICATIONS

Paints and other coatings, adhe  
has been applied and allowed to  
AMERSTAT 233 Microbicide a

#### ST

PESTICIDE STORAGE: Do  
should be stored in a cool, dr  
from the container. Guard a

PESTICIDE DISPOSAL: P  
pesticide, spray mixture or ri  
by use according to label in  
Agency, or the Hazardous W

CONTAINER DISPOSAL:  
METAL CONTAINERS: Tr  
puncture and dispose of in  
authorities.

PLASTIC CONTAINERS:  
puncture and dispose of in  
authorities, by burning. If bu

GENERAL: CONSULT FED  
ALTERNATIVE PROCEDU

BEFORE  
UNDERST  
DAT

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### DANGER

CORROSIVE.

CAUSES IRREVERSIBLE EYE DAMAGE.

CAUSES SKIN IRRITATION

HARMFUL IF SWALLOWED

PROLONGED OR FREQUENTLY REPEATED SKIN CONTACT  
MAY CAUSE ALLERGIC REACTIONS IN SOME INDIVIDUALS.

Do not get in eyes, on skin, on clothing. Wear eyewear (goggles or face shield). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse. See First Aid Statement.

#### 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.

AMERSTAT 233 Microbicide controls the growth of slime in papermills and is recommended as a preservative in aqueous systems including paint and coatings, adhesives and animal glues, inks, latex mineral slurries, drilling muds, metalworking fluids and paper coatings. AMERSTAT 233 microbicide is recommended for use as a mildewicide in paints and coatings and in adhesives and animal glues.

#### DIRECTIONS FOR USE

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

The dosage of AMERSTAT 233 Microbicide for any given application will depend on a number of factors such as the type of system being treated, the nature and extent of microbiological contamination and the degree of control required, temperature and pH. AMERSTAT 233 microbicide should be added at a point in the system where sufficient agitation will insure good dispersion. Where necessary, your Ashland representative will arrange for microbiological and chemical analysis to resolve specific contamination problems.

- DIRECTIONS FOR USE CONTINUED ON LAST PANEL -

**IMPORTANT NOTICE:** Seller warrants that the product conforms to its chemical description and is reasonable fit for the purposes stated on the label under normal conditions of use. THE FOREGOING WARRANTIES ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES, WHETHER WRITTEN, ORAL OR IMPLIED. THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IN OTHER RESPECTS THAN AS EXPRESSLY SET FORTH HEREIN, ARE EXPRESSLY EXCLUDED AND DISCLAIMED.

NOTE: Buyer assumes all responsibility for safety and use not in accordance with directions.

NET CONTENTS MARKED ON DRUM

PRI AM-233 FA 9-17-02

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**FIRST AID**

**IF IN EYES:**

- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:**

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

**IF INHALED:**

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Have the product container or label and MSDS with you when calling a poison control center or doctor, or going for treatment.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No.: 1757-41

EPA Est. No.: 1757-NJ-01

Sold by:

1757-TX-01



Ashland Chemical Company  
Division of Ashland Inc.

One Drew Plaza, Boonton, New Jersey 07005

Phone (973) 263-7600

24 Hour Emergency Telephone Number

1-800-274-5263 or 1-800-ASHLAND

© Registered trademark of Ashland Inc.

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with COMMENTS  
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Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 1757-41

### DIRECTIONS FOR USE CONTINUED:

#### SUM-CIDE APPLICATIONS

AMERSTAT 233 microbiocide controls the growth of slime-producing microorganisms which may adversely affect the production of paper and paperboard by causing breaks or spots. Dosage will vary from 0.5 to 2.0 pounds of AMERSTAT 233 microbiocide per ton of dry paper or paperboard products. Dosage depends on the type of stock, complexity of the system, quality of raw water and type and degree of contamination. AMERSTAT 233 microbiocide may be drip fed continuously from the drum or fed by any suitable chemical feed system. Feed points may include the hydropulper, machine chest or broke system.

#### PRESERVATIVE APPLICATIONS

Many aqueous systems require protection against microbial degradation which may result in changes in physical properties or performance characteristics such as pH drift, viscosity and color variations, and foul odor emissions. AMERSTAT 233 microbiocide protects paints and coatings, adhesives and animal glues, latex, inks, paper coatings and mineral slurries when used at a dosage level of 0.05-1.00%. Cutting fluids and other metal-working fluids are generally protected with 0.1-0.5%.

AMERSTAT 233 microbiocide is recommended as a preservative for controlling bacterial and fungal growths in drilling muds, gypsum muds, packer fluids and underground flood water. Treatment levels are 0.005-1.0% by weight per barrel of mud or packer fluid and 10-500 ppm in underground flood water.

With any preservative application, AMERSTAT 233 microbiocide should be added as early as possible to the system and should be added where there is good agitation. Good housekeeping and protection of raw materials will aid in the effectiveness of the preservative.

#### MILDEWICIDE APPLICATIONS

Paints and other coatings, adhesives and animal glues are also subject to biodegradation after the material has been applied and allowed to cure. This growth may result in discoloration and deterioration of the film. AMERSTAT 233 Microbiocide at a dosage of 0.1-1.0% will protect these films from attack by mildew.

### STORAGE AND DISPOSAL

**PESTICIDE STORAGE:** Do not contaminate water, food or feed by storage or disposal. Containers should be stored in a cool, dry, well ventilated area. Exercise caution to prevent damage to or leakage from the container. Guard against contamination to prevent decomposition.

**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 your 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 procedure 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 by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**GENERAL:** CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

**BEFORE HANDLING OR USING, READ AND  
UNDERSTAND CURRENT MATERIAL SAFETY  
DATA SHEET FOR THIS PRODUCT.**



## CAUSTIC ALKALI LIQUIDS, N.O.S.

(CONTAINS SODIUM HYDROXIDE)  
**UN 1719 PG III**

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