

AMERSTAT 252

MICROBIOCIDES FOR INDUSTRIAL USE ONLY

AMERSTAT 252 Microbiocide is a highly effective aqueous preservative designed to reduce bacterial and fungal contamination of natural and synthetic adhesives during manufacturing, storage and use. It is extremely effective in reducing spoilage in adhesives formulated with animal, protein, vegetable, polyvinyl acetate, polyvinyl alcohol and styrene-butadiene ingredients. This product can only be used in non-food contact adhesive applications.

AMERSTAT 252 can also be incorporated into aqueous mineral slurries, such as clay and calcium carbonate to reduce bacterial and fungal contamination and thus maintain product integrity.

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

Refer to the AMERSTAT 252 Microbiocide Product Data Sheet for use directions and other technical information.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage or disposal. Avoid extreme heat or freezing. Store in a ventilated area.

DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or dilute 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.

Triple rinse (or equivalent) all containers 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 may also be disposed of by incineration or if allowed by state and local authorities, by burning. If burned, stay out of smoke.



Drew Chemical Corporation
One Drew Chemical Plaza, Boonton, New Jersey 07005
Phone (201) 263-7600/Telex 136444
Manufactured in the United States
EPA Reg No. 1757-82

ACTIVE INGREDIENTS

5-Chloro-2-methyl-4-isothiazolin-3-one	1.15%
2-Methyl-4-isothiazolin-3-one	0.35%
INERT INGREDIENTS	98.50%
TOTAL	100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

If swallowed, do not induce vomiting. 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.

If inhaled, remove immediately to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Call a physician.

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 convulsions may be needed.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive. Causes eye and skin damage. Harmful if swallowed or absorbed through skin. May cause allergic skin reaction. May be harmful if inhaled.

Do not get in eyes, on skin, 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 treated effluent into lakes, streams, ponds or public waters unless in accordance with an NPDES permit. For guidance contact your Regional Office of the EPA.

NET CONTENTS MARKED ON DRUM

Important Notice: Some drums may be found containing less than the net weight shown on the label. This is due to the fact that the drums are not completely full at the time of filling. The net weight shown on the label is the minimum net weight of the product in the drum. The net weight of the product in the drum may be determined by weighing the drum and its contents and subtracting the weight of the empty drum. The net weight of the product in the drum may also be determined by weighing the drum and its contents and subtracting the weight of the empty drum. The net weight of the product in the drum may also be determined by weighing the drum and its contents and subtracting the weight of the empty drum.

RECEIVED
JAN 25 1984
EPA Reg No. 1757-82



**Water Treatment
Compound, Liquid
NA 1760**

AMERSTAT® 252 microbiocide

INTRODUCTION

AMERSTAT® 252 microbiocide is a highly effective aqueous preservative designed to reduce bacterial and fungal contamination of natural and synthetic adhesives during manufacturing, storage and use. It is extremely effective in reducing spoilage in adhesives formulated with animal, protein, vegetable, polyvinyl acetate, polyvinyl alcohol and styrene-butadiene ingredients. This product can only be used in non-food contact adhesive applications.

AMERSTAT® 252 can also be incorporated into aqueous mineral slurries, such as clay and calcium carbonate, to reduce bacterial and fungal contamination and thus maintain product integrity.

TYPICAL PROPERTIES

Appearance:	Liquid - pale green to yellow
Odor:	Little or none
pH:	2.0-5.0
Specific Gravity:	1.02
Density Lb./Gal:	8.50
Solubility:	Soluble in water in all proportions.
Compatibility:	Physically and biologically with anionic, nonionic and cationic surfactants.
Storage Stability:	Stable at least six months at 50° and one year at ambient temperature.
Composition:	A combination of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one.

ACCEPTED
with COMMENTS
In EPA Letter Dated:

JAN 26 1984

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
1752-82

BEST DOCUMENT AVAILABLE

IMPORTANT FEATURES

- Functions over a wide pH and temperature range.
- Broad antimicrobial spectrum.
- Effective at low, economical use levels.
- Pumpable liquid that is easy to handle.
- Compatible in most adhesives and mineral slurries at recommended use levels.

APPLICATION AND DOSAGE

The concentration to reduce microbial contamination in aqueous mineral slurries, sealants and adhesives is dependent upon several factors, such as susceptibility of the aqueous system, number and type of spoilage organisms, and pH of the product. The optimum dosage level and compatibility is routinely established through laboratory testing. Contact your local Drew representative to determine the actual dosage level to provide an efficient and economical control program.

Adhesives

AMERSTAT® 252 microbiocide reduces bacterial and fungal contamination in natural (animal, protein and vegetable glues) and synthetic (polyvinyl acetate, ethylene vinyl acetate, styrene-butadiene latices, etc.) adhesives. The normal recommended dosage range is 0.01% to 0.10% based on the total weight of the adhesive. A higher dosage level, from 0.1% to 0.3% on a total weight basis, will be required in highly susceptible adhesives.

Mineral slurries

For mineral slurries, such as clay, calcium carbonate, etc., the recommended dosage range is 0.01% to 0.05% on a total weight basis. In severely contaminated systems, a higher dosage level of 0.05% to 0.2% may be required.

PACKAGING

AMERSTAT® 252 microbiocide is sold in a 55 gallon plastic drum having a net weight of approximately 467 pounds. It is also available in a five gallon plastic pail and has a net weight of approximately 42 pounds.

SUGGESTED HANDLING OF SPILLS

Personnel cleaning up spills should wear overshoes in addition to the usual protective clothing. The spilled material is diked and absorbed in an inert solid such as sand, sawdust, or vermiculite. The absorbent is then shoveled into a pail or drum and treated with enough decontaminant solution to wet the solid thoroughly. Let these containers stand open

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for 48 hours to avoid the buildup of pressure, then seal and dispose of by burying in a landfill. The contaminated area is washed with additional decontaminant solution and then flushed into a chemical sewer. Do not discharge spills and cleaning runoff into municipal sewers or open bodies of water. AMERSTAT® 252 can be deactivated within 30 minutes when treated with at least 4 equivalents of a sodium bisulfite decontaminating solution. (A recommended decontaminating solution is 1 pound sodium bisulfite (NaHSO_3) and 8.3 pounds water. The solution must have a pH on the acid side.)

SUGGESTED FIRST AID MEASURES

Eye Exposure: Flush IMMEDIATELY with copious amounts of water for at least 15 minutes with the eyes held open. Get prompt medical attention, but FLUSH FIRST!!

Skin Exposure: Flush IMMEDIATELY with plenty of water for at least 15 minutes. Remove and launder contaminated clothing. Wash with soap and water.

Inhalation: Remove victim to fresh air. If breathing becomes difficult, administer oxygen and obtain medical attention.

Ingestion: Give large quantities of milk, egg whites, gelatin solution, or if these are not available, large quantities of water. DO NOT INDUCE VOMITING. Avoid alcohol. Call a physician at once. NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.

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E.P.A. Reg. No. 1757-82
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AMERSTAT® is a registered trademark of Drew Chemical Corporation.

U.S. ENVIRONMENTAL PROTECTION AGENCY

NOTICE OF PESTICIDE

NAME AND ADDRESS OF REGISTRANT: *See ZIP Code*

NOTE: Changes in labeling, formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an endorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

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☐ ATTACHMENT: APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

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1. Note that the Formulator's exemption statement is not required for the Section C (total permission method). This statement is only required for the owners submission method. Please note this for your records.

6. Submit (5) copies of your final printed label(s) before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed label(s).

A stamped copy of this letter is enclosed for your records.

FBI - MEMPHIS

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