

APR 23 1985

Drew Chemical Corporation
One Drew Chemical Plaza
Boonton, NJ 07005

Attention: Ms. Rochelle B. Galiber

Gentlemen:

Subject: Amerstat 294 Microbiocide
EPA Registration No. 1757-60
Your Submission of March 22, 1985

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Sincerely yours,



A. B. Castillo
Product Manager (32)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure

RD/DIS:JOB:92201:O.Laird:RD:85/21:eg:Kendrick:898-1270:4/18/85:Del.4/24/85

CONCURRENCES

SYMBOL ▶	SURNAME ▶	DATE ▶						

ACCEPTED
WITH COMMENTS
In EPA Letter 10/84

APR 23 1985

1757-60

AMERSTAT® 294

MICROBIOCIDE FOR INDUSTRIAL USE ONLY

This product is effective as a slimeicide for controlling the growth of slime in papermills. It is also effective 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® 294 microbiocide is an effective 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. Refer to the AMERSTAT® 294 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. Containers should be stored at room temperature in a dry, well ventilated area. Store away from flammable materials, sources of heat and flame, and foodstuffs. Exercise due caution to prevent damage to or leakage from the container. Avoid storage at temperatures above 156°F.

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 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.

ACTIVE INGREDIENT:
Ers (trichloromethyl) sulfone 20.0%
INERT INGREDIENTS* 80.0%
*Includes solubilizing and dispersing agents

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Promptly drink a large quantity of milk, beaten egg whites or gelatin solution. If these are not available, drink large quantities of water. Call a physician at once. Never give an unconscious person anything by mouth.

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

EPA Reg. No. 1757-60-AA
EPA Est. No. 1757-NJ-1
1757-NJ-2
1757-TX-1



Drew Industrial Division
One Drew Plaza, Boonton, New Jersey 07005
Phone (201) 263-7600/Telex 136444

Manufactured in the United States
ES-289-R-12/84

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS
AND DOMESTIC ANIMALS

DANGER

CORROSIVE
CAUSES EYE DAMAGE
CAUSES SKIN IRRITATION
HARMFUL IF SWALLOWED
COMBUSTIBLE

Do not get in eyes, on skin, or on clothing. Wear face shield and rubber gloves when handling. Avoid contamination of food. Avoid breathing vapors. Keep container closed. Use with adequate ventilation. Wash hands after handling. See statement of practical treatment on side panel.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge into lakes, streams, ponds or public waterways in accordance with an NPDES permit. For guidance, contact your Regional Office of the EPA. Do not clean or use by cleaning of equipment or disposal of waste product only as specified on this label.

PHYSICAL OR CHEMICAL HAZARD

Do not use or store near heat or open flame.

NET CONTENTS MARKED ON CONTAINER

IMPORTANT NOTICE: Seller warrants that the product conforms to the specifications stated on the label under normal conditions of use. Seller does not warrant that the product will perform under abnormal conditions or under conditions other than those specified on the label. Seller does not warrant the merchantability and fitness for any purpose, in other respects than as expressly set forth hereon, and disclaims any implied warranties.

BEST AVAILABLE COPY

GENERAL DESCRIPTION

AMERSTAT® 294 microbiocide is a water emulsifiable microbial control agent possessing broad spectrum activity. AMERSTAT® 294 is effective as a slimicide for controlling the growth of slime in papermills. It is also effective as a preservative in aqueous systems including paint and coatings, adhesives and animal glues, inks, latex, mineral slurries, drilling muds, metal working fluids, and paper coatings. AMERSTAT® 294 is an effective mildewicide in paints and coatings and in adhesives and animal glues.

TYPICAL PROPERTIES

Active Ingredients: A synergistic blend of Bis (trichloromethyl) sulfone, and Dispersing Agents.

Appearance: A clear yellow to amber liquid

Flash Point: 170°F/77°C min (PMCC)

Specific Gravity: 1.02

Solubility: Emulsifiable

PACKAGING

Container: 55 gal. lined steel drum

Net Weight: 470 pounds

DIRECTIONS FOR USE

The dosage of AMERSTAT® 294 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, the degree of control required, temperature and pH. AMERSTAT® 294 should be added at a point in the system where sufficient agitation will insure good dispersion. Where necessary, your Drew Representative will arrange for microbiological and chemical analysis to resolve specific contamination problems.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

APR 23 1985

Under the Fungicide, Insecticide,
and Fungicide Act
as amended by the pesticide
registered under EPA Reg. No.

1757-60

All statements, information and data presented herein are believed to be accurate and reliable, but are not to be taken as a guarantee, express warranty or implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which seller assumes legal responsibility and they are offered solely for your consideration, investigation and verification. Statements or suggestions concerning possible use of this product are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe on any patent.

PC/CA-DS-204 Rev. 1

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SLIMICIDE APPLICATIONS

AMERSTAT® 294 is effective in controlling the growth of slime-producing micro-organisms 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® 294 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® 294 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® 294 will effectively protect 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® 294 is also an effective preservative useful in 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® 294 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® 294 at a dosage level of 0.1%-1% will protect these films from attack by mildew.

..... EPA REG. NO. 1757-60
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