

1757-40 101-61

17 MAY 1985

Drew Chemical Corp.
One Drew Chemical Plaza
Boonton, NJ 07005

Attention: Rochelle B. Galiber
Supervisor, Gov't. Regulations

Gentlemen:

BEST AVAILABLE COPY

Subject: Bioperse® 284
EPA Registration No. 1757-58
Amerstat® 282
EPA Registration No. 1757-40
Your Amended Application Dated March 20, 1985

The amendment referred to above, submitted in connection with registration under FIFRA, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Delete the words "GENERAL CLASSIFICATION."
 - b. Revise the "Environmental Hazards" section of the label to read as follows:

This pesticide is toxic to fish. Do not apply in marine and/or estuarine oil fields. Do not discharge effluent containing this active ingredient into lakes, 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 to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

CONCURRENCES

SYMBOL ▶								
SURNAME ▶								
DATE ▶								

BEST AVAILABLE COPY

- c. Include the headings "Pesticide Disposal" and "Container Disposal" in the Storage and Disposal section.
 - d. A Note to Physician statement should be included in the precautionary labeling. (Refer to your labeling for EPA Registration No. 1757-63.)
2. Submit five (5) copies of your final printed label and bulletins before you release the product for shipment.

Stamped copies of the labels and bulletins for these products are enclosed for your records.

Sincerely yours,

John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767c)

Enclosure

RD/DIS-JOB:90639;Lee:RD:85/30;Kendrick:898-1270;5/8/85;Del.5/17/85:ab

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Drew Chemical Corporation Industrial Chemicals Group

One Drew Chemical Plaza, Boonton, NJ 07005/(201) 263-7800

Product Data

AMERSTAT® 282

microbiocide

GENERAL DESCRIPTION

AMERSTAT® 282 microbiocide is a water dispersible microbial control agent possessing broad spectrum activity. AMERSTAT® 282 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® 282 is an effective mildewcide in paints and coatings and in adhesives and animal glues.

TYPICAL PROPERTIES

Active Ingredients:	A blend of Methylene bis (thiocyanate) and dispersing agents.
Appearance:	A clear, yellow-amber liquid
Flash Point:	103°F/39°C (PMCC)
Specific Gravity:	1.00-1.02
Solubility:	Dispersible in water

PACKAGING

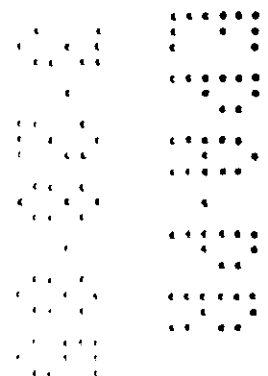
Container:	55 GL lined steel drum
Net Weight:	450 lbs.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 17 1985

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

1757-40



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.

DIRECTIONS FOR USE

The dosage of AMERSTAT® 282 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® 282 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.

SLIMICIDE APPLICATIONS

AMERSTAT® 282 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® 282 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® 282 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® 282 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® 282 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® 282 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® 282 at a dosage of 0.1-1% will protect these films from attack by mildew.

AMERSTAT® 282

MICROBIOCIDES 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® 282 microbiocide is an effective mildewicide in paints and coatings and in adhesives and animal glues.

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® 282 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. Containers should be stored in a cool, dry, well ventilated area away from flammable materials and sources of heat or flame. Store away from foodstuffs or animal feed. Exercise due caution to prevent damage to or leakage from the container. Do not store above 130°F (39°C).

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.

Manufactured in the United States
ES-486-R-12/84

ACTIVE INGREDIENT:
Methylenebis (thiocyanate) 10.0%
INERT INGREDIENTS* 90.0%
*Includes 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. Avoid alcohol. Call a physician at once. Never give an unconscious person anything by mouth.

If on Skin: Immediately flush contacted area with copious quantities of water for at least 15 minutes. Remove and wash contaminated clothing.

If in Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

EPA Reg. No. 1757-40
EPA Est. No. 1757-NJ-1
1757-NJ-2
1757-TX-1



Drew Industrial Division

ASHLAND CHEMICAL COMPANY DIV. ASHLAND OIL INC.
One Drew Plaza, Boonton, New Jersey 07005

Phone (201) 263-7600/Telex 136444

ACCEPTED
with COMMENT
in EPA Letter

MAY 17 1984

Under the Federal
Fungicide and Rodenticide Act
as amended, for the
registered under EPA

1757-40

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS
AND DOMESTIC ANIMALS

DANGER

CORROSIVE
CAUSES EYE AND SKIN DAMAGE
HARMFUL IF SWALLOWED
ABSORBED THROUGH SKIN

Do not get in eyes, on skin or on clothing. Keep container closed when not in use. Wear goggles or safety glasses and rubber gloves when handling. Wash thoroughly after use. See statement of practical treatment on label.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply to estuarine oil fields. Do not discharge to lakes, streams, ponds or public waters without an NPDES permit. For guidance contact the Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

NET CONTENTS MARKED ON LABEL

IMPORTANT NOTICE: Some warranties that the product conforms to the specifications are reasonably implied for the purposes stated on the label under no other circumstances. FOREGOING WARRANTIES ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES, WHETHER WRITTEN OR IMPLIED. THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IN OTHER RESPECTS, ARE EXPRESSLY EXCLUDED AND DISCLAIMED BY DREW INDUSTRIAL DIVISION.