

PM 31
1757-61

1/24

JUN 15 1988

Drew Industrial Division
Ashland Chemical Company
P.O. Box 2219
Columbus, OH 43216

Attention: W.S. Salomons

Gentlemen:

Subject: Amerstat 274
EPA Registration No. 1757-61
Your Amendment Application Dated June 17, 1987

A review of your June 17, 1987 amendment application follows.

Deletion of Ethylene diamine from the active ingredients in the ingredient statement and including it with inert ingredients, is acceptable. A stamped accepted label is enclosed. However, for our records submit a revised updated Confidential Statement of Formula, EPA Form 8570-4 (copy enclosed).

If you have any questions concerning this letter, please call Mr. Robert Young at (703) 557-3966.

Sincerely yours,

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

Enclosures

54579:I:Lee:L-7:KENCO:6/13/88:7/19/88:rw:vo:ek:rw

CONCURRENCES

SYMBOL								
SURNAME								10/4
DATE								

AMERSTAT[®] 274

MICROBIOCIDES FOR INDUSTRIAL USE ONLY

AMERSTAT[®] 274 microbicide helps control the growth of bacterial slime in beet sugar processing.

ACTIVE INGREDIENTS

Sodium dimethylthiocarbamate 12%
Nabam (Disodium Ethylene
Bisdithiocarbamate) 12%

INERT INGREDIENTS 76%

KEEP OUT OF REACH OF CHILDREN!

DANGER

STATEMENT OF PRACTICAL TREATMENT

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician immediately.

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.

SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

EPA Reg. No. 1757-61
EPA Est. No. 1757-NJ-1
1757-NJ-2
1757-TX-1



Drew Industrial Division
ASAC AND ENGINEERING COMPANY DIV. ASAC AND CO., INC.
One Drew Plaza Bazaar, New Jersey 07005
Phone (201) 263-7600/Telex 136444

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS
AND DOMESTIC ANIMALS

DANGER

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

Do not get in eyes, on skin or clothing. Keep container closed when not in use. Wear goggles or face shield, rubber gloves and protective clothing (long sleeve shirt, long pants and boots) when handling. Wash thoroughly after handling. See statement of practical treatment.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this active ingredient into lakes, streams, ponds, estuaries, 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.

NET CONTENTS MARKED ON DRUM

IMPORTANT NOTICE: This product is a restricted use pesticide. It is not to be used by the general public. It is to be used only by trained personnel. For a complete list of restrictions, see the label. This product is not to be used in residential areas. It is not to be used on lawns, gardens, or other areas where it may come in contact with children or pets. It is not to be used on food crops. It is not to be used on ornamental plants. It is not to be used on any other plants or animals. It is not to be used in any other manner than as directed on the label. It is not to be used in any other manner than as directed on the label. It is not to be used in any other manner than as directed on the label.

RESTRICTED

JUN 15 1988

Under the Federal Insecticide, Fungicide, and
Rodenticide Act, as amended, for the
pesticide registered under
EPA Reg. No. 1757-61

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[®] 274 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. Store in a cool dry place. Avoid extreme heat or freezing. Keep container closed. Do not store in confined areas where vapors can concentrate.

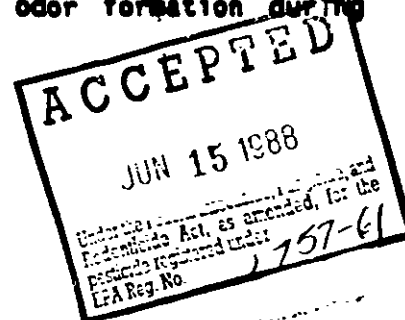
DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous 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.
88 311 A-7/81

GENERAL DESCRIPTION

AMERSTAT® 274 is a highly effective blend of organosulfur compounds possessing broad spectrum activity. It will control the growth of bacteria responsible for slime and its associated odor formation during the beet sugar process.



TYPICAL PROPERTIES

Composition: A synergistic blend of sodium dimethyldithiocarbamate, disodium ethylene bisdithiocarbamate

Appearance: Clear to pale yellow liquid

Specific Gravity: 1.09 - 1.13

Weight per US Gallon: 9.2 pounds

pH: 10.5 - 13.5

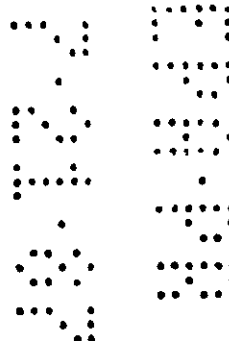
Solubility: Miscible with water in all proportions

Freeze Point: 2°F/-16°C to 14°F/-10°C

PACKAGING

Container: 55 gallon lined steel drums and bulk

Net Weight: 520 lbs/drum



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.

BEEET SUGAR APPLICATIONS

AMERSTAT® 274 microbicide should be fed directly into the process with both the fresh water entering the diffuser and into the pressed pulp water return line to the diffuser. Your Drew Representative will assist in designing a suitable feed system to attain maximum performance.

FDA DATA

AMERSTAT® 274 complies with Title 21, Code of Federal Regulations Section 173.320 (Chemicals for controlling microorganisms in cane-sugar and beet-sugar mills) of the Food Additive regulations and may be used under conditions specified in the regulations.

DOSAGE AND FEEDING - BEEET SUGAR

AMERSTAT® 274 microbicide should be fed continuously at a rate of 12.5 - 25 parts of product per million parts of beets sliced per day. In general, a feed rate of 12.5 ppm will provide adequate control; however, the feed rate may be increased to a maximum of 25 ppm when slicing beets deteriorated by freezing or lengthy storage.

Proper feed of AMERSTAT® 274 microbicide is best obtained through the use of a chemical feed pump such as the adjustable proportioning type, the variable speed, positive displacement type; or the reciprocating type. The required dosage will depend on the average daily rate of slicing. The following chart has been prepared to assist in determining the correct dosage of AMERSTAT® 274 microbicide in milliliters and ounces per minute:

Tons of Beets Sliced/Day	Rate of Feed - 12.5 ppm		Rate of Feed - 25 ppm	
	ml/Min.	Oz./Min.	ml/Min.	Oz./Min.
1,000	6.808	0.23	13.62	0.46
2,000	13.62	0.46	27.24	0.92
3,000	20.43	0.69	40.86	1.38
4,000	27.24	0.92	54.48	1.84
5,000	34.05	1.15	68.10	2.30
6,000	40.86	1.38	81.72	2.76
7,000	47.67	1.61	95.34	3.22
8,000	54.48	1.84	108.96	3.68
9,000	61.29	2.07	122.58	4.14
10,000	68.10	2.30	136.20	4.60

Do not exceed a feed rate of 5.175 gallons (47.61 pounds) of product per 1000 tons of beets sliced per twenty-four hours.

REGISTERED
JUN 15 1988
EPA Reg. No. 1757-61