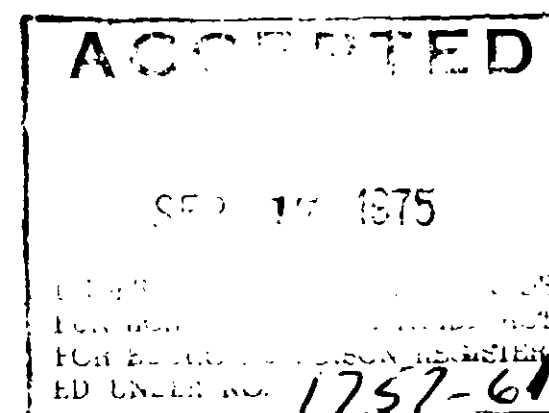


AMERSTAT[®] 274



EPA EST. NO.
1757-NJ-1
1757-NJ-2
1757-TX-1

FOR CONTROL OF THE GROWTH OF BACTERIA **DANGER**

ACTIVE INGREDIENTS	32%
Sodium Dimethyldithiocarbamate	12%
Nabam (Disodium Ethylene Bisdithiocarbamate)	12%
Ethylenediamine	8%
INERT INGREDIENTS	68%

E.P.A. Reg. No. 1757-61-AA

Contents: Liquid
See Markings on Top of Drum
For Net Weight



Drew Chemical Corporation
701 Jefferson Rd., Parsippany, N. J. 07054

FOR INDUSTRIAL USE ONLY

AMERSTAT 274 microbiocide helps control the growth of bacterial slime in beet sugar processing. For use-directions refer to the Product Data Sheet.

This product is toxic to fish and wildlife. Treated effluent should not be discharged where it will drain into lakes, streams, ponds, or public water. Do not contaminate water by cleaning of equipment or disposal of wastes.

Apply this product only as specified in the collateral product data sheets.

Do not reuse empty container. Container should be destroyed by perforation or crushing. Discard container in a safe place.

KEEP OUT OF REACH OF CHILDREN

Causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed. Avoid contamination of food.

FIRST AID

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

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.

Water & Waste Treatment Division
Drew Chemical Corporation
701 Jefferson Rd., Parsippany, N.J. 07054

**PRODUCT
DATA SHEET**



ACCEPTED

SEP 17 1975

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND REPELLENT ACT
FOR ECONOMIC POISON REGISTRATION
ED UNDER NO. 178761

AMERSTAT® 274

**FOR CONTROLLING THE GROWTH OF BACTERIA
IN BEET SUGAR PROCESSING**

GENERAL

AMERSTAT 274 microbiocide is a highly effective blend of organosulfur compounds specifically formulated for controlling the growth of bacteria responsible for slime and its associated odor formation during the beet sugar process. AMERSTAT 274 microbiocide complies with the United States Food and Drug Administration Code of Federal Regulations, Section 121.1155 and may be used as specified in the regulations.

TYPICAL PROPERTIES

Composition:	A blend of sodium dimethyldithio-carbamate, Nabam (disodium ethylene bisdithiocarbamate) and ethylene diamine.
Appearance:	Clear to Pale Yellow Liquid.
Specific Gravity:	1.11 ± 0.02
Weight per U.S. Gallon:	9.2 lbs.
pH:	12.7 ± 1.0
Solubility:	Miscible with water in all proportions.
Freeze Point:	-5 F

APPLICATION

AMERSTAT 274 microbiocide 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.

DOSAGE

AMERSTAT 274 microbiocide 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 microbiocide 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 beets sliced. The following chart has been prepared to assist in determining the correct dosage of AMERSTAT 274 microbiocide 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.

PACKAGING AND HANDLING

AMERSTAT 274 microbiocide is available in 55 gallon lined steel drums weighing 520 lbs. net. Avoid freezing or excessive heat. Causes eye and skin irritation. Do not get in eyes, on skin, or in clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed. Avoid contamination of food.

In case of contact immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

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

ENVIRONMENTAL CAUTION

This product is toxic to fish and wildlife. Treated effluent should not be discharged where it will drain into lakes, streams, ponds, or public water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified in the Product Data Sheet.

Do not reuse empty container. Container should be destroyed by perforation or crushing. Discard container in a safe place.

E.P.A. Reg. No. 1757-61-AA