

MAY 11 1994

Buckman Laboratories, Inc.
1256 N. McLean Blvd.
Memphis, TN 38108

Attn: Dennis L. Barbee

Subject: NABE-M
EPA Registration No. 1448-54
Letter Dated March 3, 1993

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to include the statement "do not induce vomiting", is acceptable, provided that you:

1. Make the following labeling changes below before you release the product for shipment bearing the amended labeling.

a. In the precautionary section, include the word "Corrosive" and change the statement "Causes eye damage and skin irritation" to "Causes irreversible eye damage and skin burns."

b. Include the statement "Harmful if absorbed through skin or inhaled".

c. Revise "Wear goggles or face shield and rubber gloves when handling" to "Wear goggles or face shield and rubber gloves protective clothing and rubber gloves. Wash thoroughly after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse."

d. Delete the words "(First Aid)".

e. Delete the sentence "Measures against circulatory shock, respiratory depression, and convulsion may be needed".

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

f. Include the statement "If inhaled, remove the victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention".

h. Change the signal word "Warning" to "Danger".

i. Revise your "Environmental Hazards" statement to read

Environmental Hazards

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination Systems (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewage systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

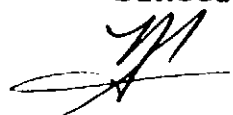
2. Submit five (5) copies of final printed labeling before you release the product for shipment.

A release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

If you have any questions concerning this letter, please contact Martha Terry at 703-305-6982.

Sincerely,



Marshall Swindell
Acting Product Manager 31
Antimicrobial Program Branch
Registration Division 7505C

Enclosure

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NABE-M

ACTIVE INGREDIENTS
Disodium cyanodithio...
Potassium N-methyl...
INERT INGREDIENTS

KEEP OUT OF REACH OF CHILDREN WARNING

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: 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 or fatal if swallowed. Avoid contamination of food.

STATEMENT OF PRACTICAL TREATMENT (FIRST AID): In case of skin contact, wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. If product gets in the eyes, flush immediately with copious amounts of clean, cool water for at least 15 minutes. Get medical attention immediately. Ingestion: **DO NOT INDUCE VOMITING.** Rinse with copious amounts of water or milk first. Irrigate the esophagus and dilute stomach contents by slowly giving one (1) to two (2) glasses of water or milk. Avoid giving alcohol or alcohol related products. In cases where the individual is semi-comatose, comatose or convulsing, **DO NOT GIVE FLUIDS BY MOUTH.** In case of internal ingestion of the product seek medical assistance immediately; take individual to nearest medical facility.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Keep out of lakes, streams, or ponds. Permits may be required for discharges containing this pesticide into lakes, streams, ponds, or public water. For guidance, contact the regional office of the Environmental Protection Agency.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Do not expose to extreme temperatures. Do not stack more than five drums high. Drums should be opened in well-ventilated areas. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. 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 your EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). 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.

DIRECTIONS FOR USE

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

NABE-M is used to inhibit the growth of algae and bacteria in recirculating commercial and industrial cooling water systems. Before treatment with NABE-M, systems must be cleaned to remove algal growth, microbiological slime, and other deposits. Then the system should be treated with an initial slug addition of 1.5 to 3.0 fluid ounces of NABE-M per 1000 gallons of water in the system. Repeat the initial dosage until control is evident. Subsequent slug additions of 0.5 to 3.0 fluid ounces of NABE-M per 1000 gallons of water should be made every 1 to 3 days or as needed. The required frequency of treatment depends on the relative amount of biofilm and the severity of the microbiological problem. Slug additions of NABE-M should be made to the sump of water cooling towers.

ACCEPTED
with COMMENTS
in EPA letter Dated

MAY 11 1992

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 1448-

HMIS/NPCA RATING
Health 3 Flammability 1 Reactivity 1

Manufactured By EPA Est. No.
BUCKMAN LABORATORIES
1256 N. McLEAN BLVD., MEMPHIS, TN
(901) 278-0330 or 1-800-BU