

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (WH-567)
WASHINGTON, D.C. 20460

EPA REGISTRATION NO.

1270-229

DATE OF ISSUANCE

TERM OF ISSUANCE

25 APR 1988

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Senamine B

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

THE MCGRAW-HILL COMPANY
P.O. BOX 2018
ATLANTA, GA 30301

BEST AVAILABLE COPY

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(5)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for sale:
 - a. Add the phrase "EPA Registration No. 1270-229."
 - b. Delete the statement: GENERAL CLASSIFICATION.
 - c. Delete the statement:

Senamine B meets the requirements of 21 CFR 178.1010
 - d. Revise the Pesticide Disposal instructions to read:

Pesticide Disposal

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or empty container is a

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

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.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

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

Enclosures

RD-DIS:JOB-91287:J.Lee:RD-3A:Kim:Kendrick:898-1270:4/15/85:Del.4/19/85

CONCURRENCES

SYMBOL ▶								
SURNAME ▶								
DATE ▶								

ZEPAMINE B
DISINFECTANT - DEODORANT - BLEACH
GERMICIDAL - FUNGICIDAL - VIRUCIDAL*

For use in: Hospitals, clinics, nursing homes, kitchens, cafeterias, supermarkets, meat and poultry plants, restaurants, barber shops, kennels, schools, and other institutions and industries.

ACTIVE INGREDIENTS:

ACCEPTED
with COMMENTS

Octyl decyl dimethyl ammonium chloride.	to EPA Letter Dated	2.250%
Didecyl dimethyl ammonium chloride.		1.125%
Diocetyl dimethyl ammonium chloride.	APR 25 1985	1.125%
Alkyl (C ₁₄ , 50%; C ₁₂ , 40%; C ₁₆ , 10%) dimethyl benzyl ammonium chloride	Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.	3.000%

INERT INGREDIENTS:	1270-229	92.500%
	<u>1270-229</u>	100.000%

*At 3.5 oz. per 4.5 gallons of water (450 ppm active quaternaries) use-level, this product is virucidal against Herpes Simplex, Vaccinia, and Influenza A₂ (Hong Kong) on inanimate environmental surfaces in the presence of 5% blood serum.

(10 pt. type) KEEP OUT OF REACH OF CHILDREN
(14 pt. type) DANGER

See left panel for additional precautionary statements.

FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY

EPA REG. NO. 1270-

EPA EST. NO. 1270-GA-1

Net Contents Gal.

Control No.

MANUFACTURED BY:

ZEP MANUFACTURING COMPANY
Division of National Service Industries, Inc.
Atlanta, GA 30301
Principal Cities, USA and Throughout the World

LEFT PANEL

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS

DANGER

Keep out of reach of children. Corrosive. 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. Do not breathe spray mist. Avoid contamination of food.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Drink milk, egg whites, gelatin solution, or, if these are not available, drink large quantities of water. Call a physician.

If In Eyes: Flush eyes with plenty of water. Call a physician.

If On Skin: Wash affected areas with soap and water. Remove all contaminated clothing and wash before re-use. If irritation persists, 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.
in EPA Letter Dated:

DIRECTIONS FOR USE
General Classification

APR 25 1985

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

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, this pesticide registered under EPA Reg. No. 1270-229

(10 Pt. Type)

STORAGE AND DISPOSAL

Store in a cool, dry place. DO NOT contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Triple rinse (or equivalent) the container. Then offer for re-cycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Small plastic containers, after rinsing and puncturing as above, may be disposed by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

To thoroughly cleaned and rinsed surfaces apply ZEPAMINE B with a cloth, mop or mechanical spray device. When applied with a mechanical spray device, surface must be sprayed until thoroughly wetted. Treated surfaces must remain wet for 10 minutes. Fresh solution should be prepared daily or when the use solution becomes visibly dirty.

HOSPITALS, CLINICS AND NURSING HOMES: Disinfect and deodorize hard surfaces such as floors, walls, garbage pails, bedpans, counter tops, telephones, restrooms, urinals, bathing areas, bed frames, tables, chairs, and equipment by mopping or wiping with solution of 3.5 ozs. ZEPAMINE B to 4.5 gallons water, (450 ppm active quaternaries), thoroughly wetting all surfaces. At this use level, ZEPAMINE B is effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella choleraesuis* in the presence of 5% blood serum when evaluated by the AOAC Use-Dilution Test.

INSTITUTIONS, INDUSTRY AND SCHOOLS: For disinfecting floors, walls, counter tops, bathing areas, lavatories, tables, chairs, garbage pails or other hard, non-porous surfaces use a solution of 2 ozs. of product to 4.5 gallons of water (256 ppm active quaternaries).

AS A FUNGICIDE: At 0.5 oz. to 2.25 gallons of water use level (128 ppm active quaternaries), ZEPAMINE B is an effective fungicide against *Trichophyton mentagrophytes* (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, showers, and bath areas and exercise facilities, utilizing the AOAC Fungicidal Test.

AS A SANITIZING RINSE FOR FOOD PROCESSING EQUIPMENT AND OTHER HARD SURFACES IN FOOD CONTACT LOCATIONS: For sanitizing food processing equipment, dairy equipment, food utensils; dishes, silverware, glasses, sink tops, counter tops, refrigerated storage and display equipment and other hard non-porous surfaces. No potable water rinse is required. Apply a solution of 1 oz. ZEPAMINE B in 4 gallons of water (150 ppm active quaternaries). Dishes, silverware, glasses, cooking utensils, and other similar size food processing equipment can be sanitized by immersion in a 1 oz. per 4 gallon solution (150 ppm active quaternaries) of ZEPAMINE B.

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At 1 oz. per 4 gallons (150 ppm active quaternaries), ZEPAMINE B fulfills the criteria of Appendix F of the Grade "A" Pasteurized Milk Ordinances 1978 Recommendations of the U. S. Public Health Services in waters up to 800 ppm of hardness calculated as CaCO₃ when evaluated by the AOAC Germicidal and Detergent Sanitizer Method against Escherichia coli and Staphylococcus aureus.

ACCEPTED
with COMMENTS
in EPA Letter Dated

U. S. PUBLIC HEALTH SERVICE
FOOD SERVICE
SANITIZATION RECOMMENDATIONS

APR 25 1985

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

Cleaning and Sanitizing

Equipment and utensils shall be thoroughly preflushed or ~~pre-rinsed and~~ when necessary, presoaked to remove gross food particles and soil.

- 1) Thoroughly wash equipment and utensils in a hot detergent solution.
- 2) Rinse utensils and equipment thoroughly with clean water.
- 3) Sanitize equipment and utensils by immersion in a 1 oz. per 4 gallon solution of ZEPAMINE B (150 ppm active quaternaries) for at least 60 seconds at a temperature of 75°F. This dilution is equivalent to a solution containing 50 ppm available chlorine.
- 4) For equipment and utensils too large to sanitize by immersion, apply a 1 oz. per 2 gallon solution of ZEPAMINE B (300 ppm active quaternaries) by rinsing, spraying or swabbing until thoroughly wetted.
- 5) Allow sanitized surfaces to drain and air dry. Do not rinse.

ZEPAMINE B meets the requirements of 21 CFR 178.1010.

AS A DEODORANT: Mop or spray on a solution of 1 oz. per gallon of water (575 ppm active quaternaries) to control odors in public conveyances such as busses, trains, or airplanes; in waiting rooms, bathrooms and hospital wards.

FOGGING APPLICATIONS: Use a Zepomister Electric Sprayer or other suitable unit for fogging applications as an adjunct to acceptable manual cleaning and disinfecting procedures for room surfaces. Fill it with a solution containing 2½ oz. per gallon of water (1438 ppm active quaternaries). Place the sprayer in the center of the room and at a height midway between the ceiling and the floor. Turn the nozzle upward and set the fogging rate at maximum. This dispenses one gallon of solution in 15 minutes. Open closets, cabinets, and the like, and close doors, windows, and vents. All humans and animals must be removed from the room while fogging. Fog until all surfaces in the room have been wetted - 15 minutes or longer depending upon its size. Allow 2 hours after the unit has stopped before opening and entering the room, then proceed to manually clean and disinfect room surfaces as directed above. All food contact surfaces must be rinsed with potable water prior to re-use.

BARBER TOOLS: Precleaned barber tools (such as combs, brushes, razors, and scissors) can be disinfected by immersing in a 0.5 oz. per gallon solution (289 ppm active quaternaries) of ZEPAMINE B.

POULTRY EQUIPMENT, ANIMAL QUARTERS AND KENNELS: Poultry brooders, watering fountains, feeding equipment and other animal quarters (such as stalls and kennel areas) can be disinfected after thorough cleaning by applying a solution of 2 oz. ZEPAMINE B to 4.5 gallons of water. Small utensils should be immersed in this solution. Prior to disinfection, all poultry, other animals and their feed must be removed from the premises. This includes emptying all troughs, racks and other feeding and watering appliances. Remove all litter and droppings from floors, walls and other surfaces occupied or traversed by poultry or other animals. After disinfection, ventilate buildings, coops and other closed spaces. Do not house

poultry, or other animals or employ equipment until treatment has been absorbed, set or dried. All treated equipment that will contact feed or drinking water must be rinsed with potable water before re-use. The udders, flanks and teats of dairy cows can be sanitized by washing with a solution of 1 oz. ZEPAMINE B in 4 gallons of warm water. No potable water rinse is required. Use a fresh towel for each cow. Avoid contamination of sanitizing solution by dirt and soil. Do not dip used towel back into sanitizing solution.

This product is designed exclusively for industrial and institutional use by trained professional maintenance personnel. Label directions and precautions must be followed exactly. Zep Manufacturing Company will not be responsible for any injury, loss or damage if product is used in any manner not in compliance with the label directions or if precautions are not observed.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

APR 25 1985

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
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1270-229

