

1055
11-2-88
20-50

NOV 25 1988

Navy Brand Manufacturing Company
5111 Southwest Avenue
St. Louis, MO 63110-3496

Attention: Alvin K. Chock

Gentlemen:

Subject: N-4 Germicide
EPA Registration No. 1926-56
Your Submission Dated October 29, 1987
EPA Received Date November 4, 1987

The amendment referred to above, submitted in connection with the Label Improvement Program Notice for Antimicrobial Products Used as Food Contact Surface Sanitizers, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling.
 - a. Revise the "Use Directions" heading to "Directions For Use."
 - b. Include the "Statement of Practical Treatment" to read as follows:

STATEMENT OF PRACTICAL TREATMENT

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 all contaminated clothing before reuse. If swallowed, drink egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician.

50337:I::Leavy:LL-9:YENCO:11/14/88:12/28/88:SG:VO:EK:DD

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

- c. Include a "Note to Physician" to read:

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

- d. On the side panel, include the referral statement to read:

See side panel for additional precautionary statements.

- e. Include a precautionary statement to read as follows:

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER

Keep Out of Reach of Children. Causes severe eye and skin damage. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Remove and wash contaminated clothing.

- f. Indicate the method(s) of application for each section within the sanitisation sections to read, for example: "by sponge, mop or spray" or "by immersion in the solution," followed by a statement such as "to wet all surfaces thoroughly."
- g. The words "ACTIVE INGREDIENT(S)" and "INERT INGREDIENT(S)" must be printed in type of the same size and be given equal prominence. The words "ACTIVE INGREDIENT(S)" and "INERT INGREDIENT(S)" must be aligned to the same margin.
2. We have determined that this product is subject to child-resistant packaging regulations (effective March 9, 1981).

Two suggestions for compliance are:

- a. Submit a special packaging certification statement. Specifically refer to page 388 "Contents of Certification." Ref: *Federal Register*, Vol. 49, No. 2, Wednesday, January 4, 1984 pp. 380 to 388.

and/or

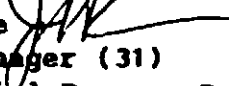
- b. Delete all references to household/home use.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with section 6(e) of the Federal Insecticide, Fungicide, and Rodenticide Act. Your 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, please contact Karen Leavy at (703) 557-3966.

Sincerely yours,

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

Enclosure



N-4 GERMICIDE

Disinfectant — Deodorizer

Under
Fungicid
amende
registrat

Disinfection
Surgical tools and dental equipment, simply submerge instruments into solution for 10 minutes.
Wash and Bar Rinse
Wash with synthetic detergent, rinse thoroughly and immerse in a solution of N-4 Germicide. Rinse is Required.

ACTIVE INGREDIENTS:
n-Alkyl (60% C₁₂, 30% C₁₄, 5% C₁₃, 5% C₁₆) dimethyl benzyl ammonium chlorides
n-Alkyl (68% C₁₂, 32% C₁₄) dimethyl ethylbenzyl ammonium chlorides -
INERT INGREDIENTS

N-4 Germicide is a concentrate and should be diluted before using.

DANGER: KEEP OUT OF REACH OF CHILDREN

WARNING:
KEEP OUT OF REACH OF CHILDREN
Irritant to skin and clothing. Avoid contamination of food. For contact with eyes, flush with water for 15 minutes. For contact with skin, wash with large amounts of milk or water and get immediate medical aid.

Use Directions:

Household

For disinfecting floors, walls and inanimate hard surfaces. For Schools, Homes, Locker Rooms, Classrooms, Offices and Shower Stalls. Apply solution with mop or cloth. Disinfect with 3 ounces N-4 per 5 gallons of water. Effective against Staphylococcus aureus and Salmonella choleraesuis.

Hospitals

For floors, walls and other hard surfaces. In Nursing Homes, Institutions, as well as Sink Tops, use N-4 at 3 1/2 ounces per 5 gallons of water. At this level N-4 Germicide will be effective against Staphylococcus aureus and Salmonella choleraesuis.

Food Processing Equipment

For disinfecting of food processing equipment and food utensils dilute 1 ounce N-4 per 4 gallons of water. At this level, Potable Water Rinse is required.

Dairies

For dairy equipment, first clean and rinse the equipment thoroughly. Then apply N-4 solution at 100 ppm of water (200 ppm). Potable Water Rinse is required. Follow recommendations of local health authorities.

10/87

EPA Reg. No. 1926-56

EPA EST 1926-MO-1

navy brand manufacturing company • 5111 southwest ave • st. louis, mo. 63110-3496 (314) 865-5500

BEST AVAILABLE COPY



N-4 GERMICIDE

Disinfectant — Deodorizer

Cold Disinfection

For disinfection of previously cleaned surgical instruments, barber tools and dental equipment, simply submerge instruments into solution containing 1 1/2 ounces N-4 per gallon of water for 10 minutes

Restaurant and Bar Rinse

Dishes, glassware, silverware, cooking utensils, wash with soap or synthetic detergent, rinse thoroughly and immerse in a solution containing 1 ounce N-4 to 4 gallons of water. Potable Water Rinse Is Required

DANGER:

FOR INDUSTRIAL USE ONLY — KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Injurious to eyes. Avoid prolonged contact with skin or clothing. Avoid contamination of food. For contact with skin or clothes, wash with soap and water, wash clothes before reuse. For contact with eyes, flush with water for 15 minutes and consult a physician/ophthalmologist immediately. If swallowed, give large amounts of milk or water and get immediate medical aid.

Storage & Disposal

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

PESTICIDE DISPOSAL Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility

CONTAINER DISPOSAL Metal Containers: 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. Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke

GENERAL Consult local, state, or federal disposal authorities for approved alternative procedures

STORAGE Keep container closed when not in use

ACI
n-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈) dimethyl
n-Alkyl (68% C₁₂, 32% C₁₄) dimethyl ethylbenzyl ammc
INERT INGREDIENTS

N-4 Germicide is a concen.rate and should be diluted

DANGER: KEE

For disinfecting floors, walls and inanimate hard surfaces
Classrooms, Offices and Shower Stalls: Apply solution with r
cus aureus and Salmonella choleraesuis

For floors, walls and other hard surfaces: In Nursing Homes
use N-4 at 3 1/2 ounces per 5 gallons of water. At this level

Food
For disinfecting of food processing equipment and food ut
quaternary. At this level, Potable Water Rinse is require

For dairy equipment, first clean and rinse the equipmen
of water (200 ppm). Potable Water Rinse is required. Fc
10/87 E.P.A. Reg No 1926-56 E.P.A.

navy brand manufacturing company • 5111 Southwest ave. • st. louis, mo. 63110-3496 (3)

BEST AVAILABLE COPY