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Pm 31
861-106

MAR 10 1989

Uncle Sam Chemical Company, Inc.
573-577 West 131st Street
New York, NY 10027

Attention: Herman Schwartz

Gentlemen:

Subject: De-Bac-N-KLEEN Disinfectant/Sanitizer Detergent
EPA Registration No. 861-106
Your Submission Dated November 25, 1987
EPA Received Date December 2, 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. Delete the term "General Classification" from the labeling.
 - b. Revise the "Directions" heading to read "Directions For Use."
 - c. Delete the word "milk."
 - d. In the "Note to Physician" section, delete the statement "Measures against circulatory shock, respiratory depression and convulsion may be needed."
 - e. On the center panel, place the phrase "Keep Out Of Reach Of Children" above the signal word "Danger."
 - f. In the "Container Disposal" section, delete the phrase "or bury in a safe place."
 - g. In the "Pesticidal Disposal" section, delete the phrase "or buried in a safe place away"

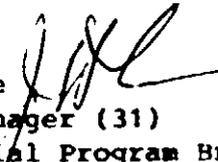
h. On the far right panel, delete the word "Danger."

2. The revised Confidential Statement of Formula is acceptable.

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 concerning this letter, please contact Karen Leavy at (703) 557-3966.

Sincerely yours,


John H. Lee
Product Manager (31)
Antimicrobial Program Branch
Registration Division (H7504C)

Enclosure

DIRECTIONS GENERAL CLASSIFICATION

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

This DISINFECTANT/SANITIZER DETERGENT has been designed specifically for hospitals, nursing homes, schools, food processing plants, food service establishments and other institutions where housekeeping is of prime importance.

DISINFECTION: To disinfect hard inanimate surfaces (such as walls, floors, table tops), add 2 ounces of DISINFECTANT/SANITIZER DETERGENT per gallon of water. Apply solution with mop, cloth, sponge or mechanical sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes and then let air dry.

To disinfect toilet bowls, flush toilet, add 2 ounces DISINFECTANT/SANITIZER DETERGENT directly to the bowl water. Swab the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush.

For heavily soiled areas, a pre-cleaning step is required and recommended. Prepare a fresh solution for each use.

MILDEWSTAT: To control mold and mildew on pre-cleaned, hard non-porous surfaces (such as floors, walls, table tops), add 2 ounces of DISINFECTANT/SANITIZER DETERGENT per gallon of water. Apply solution with a cloth, mop or sponge making sure to wet all surfaces thoroughly. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth reappears.

SANITIZATION OF FOOD CONTACT SURFACES, GLASSWARE, SILVERWARE, DISHES, COOKING UTENSILS, MILK CANS, AND EQUIPMENT IN FOOD PROCESSING PLANTS, MEAT PLANTS, DAIRIES, AND RESTAURANTS. Scrape or flush away gross soils and

clean with a suitable detergent. Rinse thoroughly with potable water, then apply a sanitizing treatment of 1 ounce of THIS PRODUCT in 2 gallons of water (200 ppm active sanitizer). The sanitizing treatment may be applied by immersion, flooding, flushing, spraying or with a clean cloth or mop. All surfaces must be thoroughly wet for 1-2 minutes for proper sanitization. Allow treated items to drain thoroughly and air dry. Do not use a towel. No rinsing is required. Where possible, invert treated items (glassware, dishes, utensils, milk cans, etc.) and let them drain and air dry on a clean surface. Prepare fresh solutions daily or more often if solutions become diluted or soiled.

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, 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.

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.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

DE-E DISINF

CLEANER DETERGENT DEODORANT SANITIZER MILDEWS

ACTIVE INGREDIENTS
n-Alkyl (60% C)
benzyl ammonium
n-Alkyl (68% C)
chlorides.....
INERT INGREDIENTS
TOTAL.....

DANGER: KE

See side panel

EPA REGISTERED
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This DISINFECTANT/SANITIZER DETERGENT is a concentrated detergent/disinfectant which provides effective cleaning, deodorizing, disinfection and sanitization. DISINFECTANT/SANITIZER DETERGENT has been designed specifically for hospitals, nursing homes, schools, food processing plants and other institutions where housekeeping is of prime importance in controlling the hazard of cross contamination.

DISINFECTANT SANITIZER DETERGENT when diluted at the rate of 2 ounces per gallon of water is an effective disinfectant against the organisms *Pseudomonas aeruginosa* and meets all requirements for hospital use. When used as directed, DISINFECTANT/SANITIZER DETERGENT is formulated to disinfect inanimate hard surfaces such as walls, floors, sink tops, toilet bowls, tables, chairs, telephones and bed frames. For larger areas such as operating rooms, patient care facilities and restrooms, the product is designed to provide both general cleaning and disinfecting.

In addition, DISINFECTANT SANITIZER DETERGENT deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowl and any other areas which are prone to odors caused by microorganisms.

DISINFECTION: At 2 ounces per gallon dilution, DISINFECTANT SANITIZER DETERGENT exhibits effective disinfectant activity against the organisms: *Salmonella choleraesuis* and *Staphylococcus aureus*.

At this level the product is also fungicidal against the Pathogenic fungi, *Trichophyton mentagrophytes*.

VIRUCIDAL* ACTIVITY: The product when used on environmental inanimate hard surfaces at 2 ounces per gallon of water exhibits effective virucidal* activity against influenza A₂-Asian (representative of the common flu virus), Herpes Simplex (causative agent of fever blisters and mononucleosis), Adeno virus type 2 (causative agent of upper respiratory infections), and Vaccinia virus (representative of the pox virus group).

Efficacy tests have demonstrated that the DISINFECTANT SANITIZER DETERGENT is an effective bactericide, fungicide, and virucide* in the presence of organic soil (5% blood serum).

MOLD and MILDEWSTAT: DISINFECTANT SANITIZER DETERGENT prevents and controls mold and mildew and the odors they cause on hard non-porous (inanimate) surfaces.

SANITIZATION: When used for sanitization of previously cleaned food equipment or food contact items limit active quaternaries to 200 ppm. At this level NO POTABLE WATER RINSE IS REQUIRED.

DISINFECTANT/SANITIZER DETERGENT is an effective sanitizer when diluted in water up to 500 ppm hardness (CaCO₃).

STORAGE AND DISPOSAL

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

Open dumping is prohibited.

Do not reuse empty container.

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinse that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides.

CONTAINER DISPOSAL: (less than 30 gallons) Triple rinse (or equivalent) and dispose in an incinerator or landfill approved for pesticide containers, or bury in a safe place. (more than 30 gallons) Reseal container and offer for reconditioning, or triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in approved landfill.

GENERAL: Consult Federal, State or Local disposal authorities for approved alternative procedures such as limited open burning.

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A - Plastic and Metal Containers over 1 gallon

STORAGE AND DISPOSAL (heading must be in 12 point type)

Store only in tightly closed, original container in a secure area inaccessible to children. Do not contaminate water, food, or feed by storage or disposal.

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinse 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.

Do not reuse empty container.

Triple rinse empty container with water. Return metal drums to reconditioner or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. Plastic containers may be disposed of in a sanitary landfill, incinerated or, if allowed by local authorities, by burning. If burned, stay out of smoke.

B - All Containers 1 gallon and less

STORAGE AND DISPOSAL (heading must be in 12 point type)

Store only in tightly closed, original container in a secure area inaccessible to children and away from food or feed.

Do not reuse empty container. Rinse thoroughly before discarding in trash.