

2031

1769-227

10/6

NCH Corporation
2727 Chemsearch Boulevard
Irving, TX 75062

NOV 25 1988

Attention: C. Richard Stolley

Gentlemen:

Subject: Chemene-X
EPA Registration No. 1769-227
Your Submission Dated July 7, 1987
EPA Received Date July 14, 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 all phenolic coefficients from the label.
 - b. Revise the referral statement to read:

See side panel for additional precautionary statements.
 - c. Delete the following statements from the Note To Physician section:

Measures against circulatory shock, as well as oxygen and measures to support breathing manually or mechanically may be needed. If persistent, convulsions may be controlled . . . drug.
 - d. The contact time for disinfection is at least 10 minutes.

50341:1:Leavy:1-6:FERCO:11/21/88:1/4/89:CL:VO:FR:AS

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

- e. Delete the following statements from the Statement of Practical Treatment:

If possible, vomiting should be induced under medical supervision. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

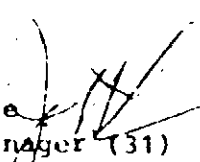
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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 (T -767C)

Inclosure

LEFT PANEL

NATIONAL CHEMSEARCH

CHEMENE-X

Disinfectant
Sanitizer
Deodorant

ACTIVE INGREDIENTS:

n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides.....	5.0%
n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides.....	5.0%
INERT INGREDIENTS:.....	90.0%
TOTAL.....	100.0%

Guaranteed Minimum Phenol Coefficient by AOAC Method	
Staphylococcus aureus.....	90
Salmonella typhosa.....	60

DANGER
KEEP OUT OF REACH OF CHILDREN
(See side panel for additional precautions)

EPA Reg. No. 1769-227

NET CONTENTS:

National Chemsearch
Div. of NCH Corporation
2727 Chemsearch
Irving, Texas 75062

ACCEPTED
with COMMENTS
in EPA Letter D-88-4

NOV 25 1988

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

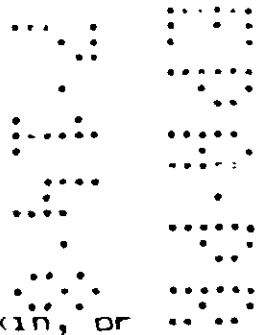
1769-227

CENTER PANEL

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER
Harmful or fatal if swallowed. Do not get in eyes, on skin, or on clothing. Corrosive. Causes eye and skin damage. Wear goggles or face shield and rubber gloves when handling.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, as well as oxygen and measures to support breathing manually or mechanically may be needed. If persistent, convulsions may be controlled by the cautious intravenous injection of a short-acting barbiturate drug.



STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. If possible, vomiting should be induced under medical supervision. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water.

IF IN EYES: Flush eyes with plenty of water. Call a physician immediately.

STORAGE AND DISPOSAL

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

STORAGE: KEEP CONTAINER CLOSED.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. 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 the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

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

METAL 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.

ACCEPTED
in EPA Label Dated:
NOV 25 1988

RIGHT PANEL

DIRECTIONS FOR USE

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, for the pesticide registered under EPA Reg. No. 1769-227

GENERAL DISINFECTION OF INANIMATE OBJECTS AND ENVIRONMENTAL SURFACES SUCH AS FLOORS, WALLS, FURNITURE AND FIXTURES IN HOSPITAL ROOMS AND WARDS, OPERATING ROOMS, CORRIDORS, LAVATORIES FOR WASH BASINS, URINALS AND FLOORS AND SIMILAR AREAS IN SCHOOLS, MOTELS, HOTELS AND OTHER PUBLIC BUILDINGS: Clean with a suitable

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detergent and rinse. To the clean surface, apply a solution of 3 1/2 ounces of CHEMENE-X in 5 gallons of water by mopping, swabbing or wiping on the surface. Effective against Pseudomonas aeruginosa.

FOR ROOM FOGGING: To minimize the danger of cross-infection to maintenance personnel, apply a solution of CHEMENE-X as a fog as described below, before applying standard routine terminal cleaning and disinfecting practices.

1. Remove all human, animal and plant life from the room.
2. Open closet doors and drawers. Seal heating and air conditioning ducts.
3. Set up a 34 inch high, 3 rpm revolving platform in center of room.
4. Mount AEROFUG 300 GENERATOR or other fogging device delivering equivalent spray.
5. Fill fogger reservoir with solution of 1.5 ounce CHEMENE-X in 1 gallon of water (1150 ppm active ingredients).
6. Set fogger to deliver 1 gallon of solution in 15 minutes.
7. Fog for 15 minutes for an average 2,100 cubic foot room. For different room sizes, vary fogging time proportionately to achieve complete wetting of exposed surfaces.
8. Wait 2 hours before entering room after treatment.
9. Rinse fogging equipment thoroughly with clear water following use.

SANITIZATION OF GLASSWARE, SILVERWARE, DISHES AND COOKING UTENSILS:

1. Scrape and pre-wash utensils and glassware whenever possible.
2. Wash with a good detergent or compatible cleaner.
3. Rinse with clean water.
4. Sanitize in a solution of 1 ounce of CHEMENE-X to 4 gallons of water (200 ppm). Immerse all utensils for at least 2 minutes or contact time specified by governing sanitary code.
5. Place sanitized utensils on a rack or drainboard to air dry. A potable water rinse is not required.

A solution of 1 ounce of CHEMENE-X to 4 gallons of water is effective up to 750 ppm hardness.

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SANITATION OF DAIRY EQUIPMENT: Clean and rinse equipment thoroughly. Then apply a solution of 1 ounce of CHEMENE-X in 4 gallons of water (200 ppm) by flooding the surface, mopping or wiping on. No rinse is required.

SANITIZING EQUIPMENT IN FOOD PROCESSING AND MEAT PACKING PLANTS: Clean and rinse the equipment thoroughly. Then apply a solution of 1 ounce of Chemene-X to 4 gallons of water by flooding the surface, mopping or wiping on. No rinse is required.

LAUNDRY RINSE SANITIZER: Add 3 1/2 ounces of CHEMENE-X per 100 pounds of laundry in no more than 50 gallons of final rinse water. This will impart residual bacteriostatic properties to the treated fabric such as bed linens, diapers and blankets.

DEODORIZING AND CONTROLLING MOLD AND MILDEW IN AIR-CONDITIONING AND HEATING DUCTS

To deodorize musty odors and to control mold and mildew, follow the simple directions below.

1. Turn off air-conditioning or heating system.
2. Remove vent cover, if possible, and insert nozzle of AERROFOG 300 generator or other fogging device that delivers an equivalent spray into duct opening.
3. Fill the fogging reservoir with a solution of 1.5 ounces of CHEMENE-X in 1 gallon of water.
4. Set the fogger to deliver 1 gallon in 15 minutes.
5. Fog ducts for 15 minutes for 2100 cubic feet of duct space.
6. Wait 2 hours before turning system on.
7. Rinse the fogging equipment thoroughly with clean water following use.

TO REORDER:
In Texas, call 1-800-442-7950
Outside Texas, call 1-800-527-9921

(DATE)

____ EPA Est. No. 4140
CA-1 IN-1 NJ-1 PR-1 TX-1

ACCEPTED
with COMMENTS
in EPA Letter Dated

NOV 25 1989

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

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