

**JUN 30 1987**

**MCH Corporation  
2727 Chemsearch Boulevard  
Irving, TX 75062**

**Attention: C. Richard Stolley**

**Gentlemen:**

**Subject: CHEMENE-X  
EPA Registration No. 1769-227  
Your Amendment Application Dated April 7, 1987**

The amendment referred to above, submitted in connection with registration under section 3(c)(7(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling change listed below before you release the product for shipment bearing the amended labeling:
  - Delete the term **GENERAL CLASSIFICATION**.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment.


94966: I: Lee: L-3: KENCO: 6/19/87: 6/30/87: NesCee: vo: jh  
CONCURRENCES

ORIGINATOR								
SYMBOL								
SURNAME								
DATE								

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

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

Sincerely yours,

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

Enclosure

**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 Dated:

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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.

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**RIGHT PANEL**

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Fungicide, and Rodenticide Act  
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registered under EPA Reg. No.

**DIRECTIONS FOR USE**  
**GENERAL CLASSIFICATION**

1769-227

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

**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 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 AEROFOG 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.

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1769-227

**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.

**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 AEROFOG 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

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1769-22-7

