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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUL 20 1989

NAS Chemicals Division
970 East Tipton Street
Burlington, IL 46750

Attention: Richard D. Sheets

Gentlemen:

Subject: UL-P670 Germicidal Detergent & Deodorant
EPA Registration No. 47371-36
Your Submission Dated May 26, 1989

The submitted final printed labels have been placed in your product file. They have not been reviewed in accordance with PR Notice #2-2.

If you have any questions concerning this letter, please contact Martha DeLaney at (703) 557-6982.

Sincerely yours,



John H. Lee
Product Manager (31)
Antimicrobial Program Branch
Registration Division (H7505C)

54771:I:DeLaney:L-3:KENCO:7/12/89:8/21/89:KA:GJ:VO:DE:AS:KA

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

**PSEUDOMONACIDAL STAPHYLOCIDAL
VIRUCIDAL-FUNGICIDAL**

HL 867Q is a concentrated, multi-purpose germicide detergent effective in the presence of moderate amounts of organic soils. HL 867Q formula disinfects, cleans, and deodorizes in one labor saving step. HL 867Q is effective against the following odor causing pathogens:

<i>Pseudomonas aeruginosa</i>	• Adenovirus Type 3
<i>Staphylococcus aureus</i>	• Vaccinia
<i>Salmonella choleraesuis</i>	• Influenza A/Texas
<i>Trichophyton interdigitale</i>	• Herpes simplex Type 1
	• Canine Parvovirus

DILUTION 1:32 4 OUNCES PER GALLON OF WATER

DIRECTIONS FOR USE

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

GENERAL USE DIRECTIONS

USES: Floors, walls, metal surfaces, painted surfaces, exterior bowl surfaces, empty basins, showers, conductive flooring, and lavatory fixtures. For institutional use only such as hospitals and nursing homes, schools and colleges, medical and dental offices, veterinary clinics. Federally inspected meat & poultry plants and households.

APPLICATION: Use 4 ounces per gallon of water for a minimum contact time of 10 minutes in a single application. For disinfecting, remove gross soil and heavy soil deposits, then thoroughly wet surfaces. Versatile and can be applied with a mop, sponge, or cloth as well as soaking. Prepare a fresh solution daily or when use solution becomes visibly dirty. Rinsing is not necessary on floor surfaces unless floors are to be waxed or polished.

FLOOR & WALL CLEANER: For use in federally inspected meat & poultry plants as a floor & wall cleaner in all departments. Before use of this compound, food products & packaging materials must be removed from the room or carefully protected. Apply with mop, cloth, or sponge at a dilution of 4 oz. per gallon of water. After use of this compound, all surfaces in the area must be thoroughly rinsed with a potable water rinse.

TO CLEAN & DISINFECT TOILET BOWLS: To clean, squeeze around the bowl and up under the rim. Leave for 10 minutes or overnight if possible. Scrub, then flush. Stubborn stains may require brushing. To disinfect first remove or wipe out the water. Trap the residual bowl water prior to applying the use dilution. Use 4 ounces of concentrate and brush the hard surfaces. Close cap on container after use.

HL-867Q

germicidal detergent and deodorant

ACTIVE INGREDIENTS:

Didecyl dimethyl ammonium chloride 0.94%

n-Alkyl (C₁₄ 50%, C₁₂ 40%, C₁₆ 10%) dimethyl benzyl ammonium chloride 0.62%

INERT INGREDIENTS 98.44%

Total 100.00%

**KEEP OUT OF REACH OF CHILDREN.
DANGER**

(see right panel for additional precautionary statements)

NET CONTENTS
EPA Reg. No. 47371-36 EPA Est. No. 47371-01-01

**HAS CHEMICALS DIVISION
970 EAST TIPTON
MUNTINGTON, INDIANA 46750
219/356-7073**

STATEMENT OF PRACTICE

In case of contact, immerse in water for at least 15 minutes. If swallowed, drink plenty of water immediately.

NOTE TO PHYSICIAN: For the use of gastric lavage.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
DANGER**

CORROSIVE: May cause skin irritation. Do not get in eyes. If swallowed, wash contents of mouth with water or face shield and to prevent. Wash thoroughly with water.

STORAGE

This product must be kept in a secure container.

— Do not contaminate water.
— Open dumping is prohibited.
— Do not reuse empty container.

PESTICIDE DISPOSAL

Pesticide wastes are acutely toxic. If these wastes cannot be disposed of by the instructions, contact your local Agency or the National EPA Regional Office for guidance.

CONTAINER DISPOSAL

PLASTIC CONTAINERS: Triple rinse (or equivalent) before reuse or puncture and disposal. Do not allow to be refilled or reused.

FIBER DRUMS WITH LIDS: Completely empty drum. Remove all inner lining and clean equipment. Then dispose of as above.

METAL CONTAINERS: Triple rinse (or equivalent) before reuse or puncture and disposal. Follow procedures approved by state and local health officials.

GENERAL: Consult federal, state or local health officials for disposal procedures such as burial.

BEST AVAILABLE COPY

NOT REVIEWED
In Accordance with PR Notice 82-2.
Based on Draft Toxicity Statement

Reg no: 47371-36

PM-31

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**PSEUDOMONACIDAL STAPHYLOCIDAL
VIRUCIDAL FUNGICIDAL**

HL-867Q is a concentrated multi-purpose germicide detergent effective in the presence of moderate amounts of organic soils. HL-867Q is highly effective against most bacteria in household situations. HL-867Q is effective against the following organisms and pathogens:

<i>Pseudomonas aeruginosa</i>	• Adenovirus Type 3
<i>Staphylococcus aureus</i>	• Vaccinia
<i>Salmonella choleraesuis</i>	• Influenza A/Texas
<i>Trichophyton interdigitale</i>	• Herpes simplex Type 1
	• Canine Parvovirus

DILUTION 1:32 - 4 OUNCES PER GALLON OF WATER

DIRECTIONS FOR USE

Use a spray bottle or other device to apply the product in a manner consistent with the label.

GENERAL USE DIRECTIONS

USES: HL-867Q is effective against bacteria, fungi, viruses, and spores. It is used for disinfecting and deodorizing household surfaces, including floors, walls, and fixtures. It is also used for disinfecting and deodorizing food preparation areas, including cutting boards, sinks, and countertops. It is also used for disinfecting and deodorizing laundry, including clothes and linens.

APPLICATION: HL-867Q is applied to surfaces in a manner consistent with the label. For disinfecting, apply a liberal amount of the product to the surface and allow it to remain for at least 10 minutes. For deodorizing, apply a liberal amount of the product to the surface and allow it to remain for at least 10 minutes. For laundry, add the product to the wash water and allow it to remain for at least 10 minutes.

FLOOR & WALL CLEANER: For use on floors, walls, and ceilings. Apply a liberal amount of the product to the surface and allow it to remain for at least 10 minutes. For walls and ceilings, use a spray bottle to apply the product. For floors, use a mop or sponge to apply the product. After application, rinse the surface with clean water.

TO CLEAN & DISINFECT TOILET BOWLS: To clean, squeeze a liberal amount of the product into the bowl. Let it sit for 10 minutes. Then, scrub the bowl with a toilet brush. Flush the toilet. Repeat the process until the bowl is clean and disinfected.

HL-867Q

germicidal detergent and deodorant

ACTIVE INGREDIENTS:

Didecyl dimethyl ammonium chloride	0.94%
n Alkyl (C ₁₁ 50%, C ₁₂ 40%, C ₁₆ 10%) dimethyl benzyl ammonium chloride	0.62%

INERT INGREDIENTS

Total	98.44%
	100.00%

**KEEP OUT OF REACH OF CHILDREN.
DANGER**

See right panel for additional precautionary statements.

HL-867Q is a registered trademark of H&S Chemicals Division.
H&S Chemicals Division, 970 East Tipton, Huntington, Indiana 46750.

H&S CHEMICALS DIVISION
970 EAST TIPTON
HUNTINGTON, INDIANA 46750
219/356-7073

STATEMENT OF PRACTICAL TREATMENT

In case of contact with skin, wash with plenty of water for at least 15 minutes. If swallowed, drink plenty of water and seek medical attention immediately.

NOTE TO PHYSICIAN: This is a caustic product. In case of ingestion, the use of gastric lavage is recommended.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER

CORROSIVE: May cause severe skin burns and eye damage. May damage metal. Avoid contact with skin, eyes, and clothing. If contact occurs, wash thoroughly with plenty of water. If swallowed, drink plenty of water and seek medical attention immediately.

STORAGE AND DISPOSAL

Store in a cool, dry place. Do not store near heat or open flame. Do not store near food or feed. Do not store near children or pets. Do not reuse empty containers.

PESTICIDE DISPOSAL

For toxic wastes and other hazardous materials, follow the instructions on the label. Do not pour down the drain. Do not throw in the trash. Do not burn. Do not use for any other purpose.

CONTAINER DISPOSAL

PLASTIC CONTAINERS: Do not reuse for food or feed. Do not reuse for any other purpose. Do not burn. Do not throw in the trash. Do not pour down the drain.

FIBER DRUMS WITH LINERS

Do not reuse for food or feed. Do not reuse for any other purpose. Do not burn. Do not throw in the trash. Do not pour down the drain.

METAL CONTAINERS

Do not reuse for food or feed. Do not reuse for any other purpose. Do not burn. Do not throw in the trash. Do not pour down the drain.

GENERAL

Do not use for any other purpose. Do not burn. Do not throw in the trash. Do not pour down the drain.

BEST AVAILABLE COPY

NOT REVIEWED

To Appearance with EPA Notice 60-2.

6/1/89