

AUG 18 1986

H&S Chemicals Division
970 East Tipton Street
Huntington, IN 46750

Attention: Richard D. Sheets

Gentlemen:

Subject: Formulation HMS-256
EPA Registration No. 47371-129
Your Amendment Application Dated January 15, 1986

The amended application for the proposed virucidal claim against Herpes simplex Type 2 virus is supported by the data submitted. The proposed label is acceptable and a stamped copy is enclosed for your records.

Sincerely yours,

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

Enclosure

91096:Lee:L-6:KENCO:7/28/86:8/6/86:NeeCee:VO

CONCURRENCES

SYMBOL ▶								
SURNAME ▶								
DATE ▶								

FORMULATION HWS-256

GERMICIDAL DETERGENT AND DEODORANT

Pseudomonacidal • Staphylocidal • Salmonellacidal • Fungicidal • *Virucidal

A concentrated, multi-purpose germicidal detergent and deodorant effective in hard waters up to 400 ppm hard water (calculated as CaCO_3) plus 5% organic serum. Disinfects, cleans, and deodorizes in one labor saving step. Recommended for use in hospitals, nursing homes, schools and colleges, veterinary clinics and animal life science laboratories.

Bactericidal @ 1:256 dilution (½ ounce per gallon of water) against *Pseudomonas aeruginosa*, *Staphylococcus aureus*, & *Salmonella choleraesuis* according to the current AOAC Use Dilution test method, modified in the presence of 400 ppm synthetic hard water (calculated as CaCO_3) plus 5% organic serum. (See reference sheet for complete list of pathogenic organisms).

Fungicidal against *Trichophyton interdigitale* and *Candida albicans* according to the AOAC Fungicidal Test, modified in the presence of 400 ppm hard water (calculated as CaCO_3) plus 5% organic serum @ a 1:256 dilution.

*Virucidal against Influenza A/Hong Kong, Herpes simplex type 1, Vaccinia, Rubella, Adenovirus type 4 according to the virucidal qualification, modified in the presence of 400 ppm hard water plus 5% organic serum @ a 1:256 dilution.

(½ ounce 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 FOR DISINFECTING:

For use on hard non-porous surfaces such as floors, walls, metal surfaces, porcelain, and plastic surfaces. Remove gross filth and heavy soil deposits then thoroughly wet surfaces as recommended and required. Use ½ ounce per gallon of water for a minimum contact time of 10 minutes in a single application. Can be applied with a mop, sponge, or cloth as well as spraying or soaking. The recommended use solution is prepared fresh for each use then discarded. Rinsing is not necessary unless floors are to be waxed or polished.

MILDEWSTATIC INSTRUCTIONS

Will effectively inhibit the growth and mildew plus the odors caused by them when applied to hard non-porous surfaces such as walls, floors, and table tops. Apply (½ ounce per gallon of water) with cloth, mop or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application weekly or when growth reappears.

For use in federally inspected meat and poultry plants as a floor and wall cleaner. Before use of this compound, food products and packaging materials must be removed from the room and carefully protected. After use of this compound, all surfaces in the area must be thoroughly rinsed with potable water. Use ½ oz. of Formulation HWS-256 per gallon of water.

ACTIVE INGREDIENTS:

Didecyl dimethyl ammonium chloride 9.22%
n-Alkyl (C_{14} 50%, C_{12} 40%, C_{10} 10%) dimethyl benzyl ammonium chloride 6.14%

INERT INGREDIENTS: 84.64%

DANGER: KEEP OUT OF REACH OF CHILDREN

ONLY FOR SALE TO, USE AND STORAGE BY SERVICE PERSONS.

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. If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink 1 gallon of water. Avoid alcohol. Get medical attention.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CORROSIVE: Causes eye damage and severe skin irritation. Do not get in eyes, on skin, or on clothing. To protect eyes wear goggles or face shield and to protect skin, wear rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Harmful if swallowed.

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 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 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.

FIBER DRUMS WITH LINERS

Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

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.

GENERAL

Consult, federal, state, or local disposal authorities for approved alternative procedures such as limited open burning.

NET CONTENTS

EPA REG. NO. 47371-129 EPA EST. NO. 47371-IN-01

H & S CHEMICALS DIVISION

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WASHINGTON, D.C. 20002

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47371-129