

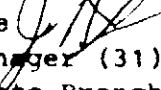
-2-

- c. Delete the Ingredient Statements from the Reference Sheet.
Your product declares numerous alternate formulations which are contrary to the declared statements.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

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

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

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

Enclosures

RD/DIS:JOB-91167:Lee:RD:85/19:Kim:Kendrick:898-1270:6/4/85:Del.6/11/85

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

Formulation HWS-256
germicidal detergent & deodorant

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.

Effective against the following pathogenic bacteria according to the AOAC Use-Dilution, current edition, modified in the presence of 400 ppm synthetic hard water (calculated as CaCO_3) plus 5% organic serum:

Pseudomonas aeruginosa	Shigella sonnei
Staphylococcus aureus	Salmonella typhi
Salmonella choleraesuis	Proteus mirabilis
Enterobacter cloacae	E. coli
Streptococcus pyogenes	Staphylococcus aureus (antibiotic resistant)
Streptococcus faecalis	Streptococcus faecalis (antibiotic resistant)
Enterobacter aerogenes	E. coli (antibiotic resistant)
Salmonella typhimurium	Klebsiella pneumoniae (antibiotic resistant)
Klebsiella pneumoniae	Staphylococcus epidermidis (antibiotic resistant)
Proteus vulgaris	Staphylococcus aureus (antibiotic resistant)
Serratia marcescens	Pseudomonas aeruginosa (antibiotic resistant)
Shigella flexneri	

ACCEPTED
with COMMENTS
EPA Letter Dated:
JUN 06 1985
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
47371-127

Fungicidal against Trichophyton interdigitale and Candida albicans according to the AOAC Fungicidal Test, current edition, modified in the presence of 400 ppm hard water (calculated as CaCO_3) plus 5% organic serum.

Virucidal against Adenovirus type 4, Herpes simplex, Influenza type A, Rubella, and Vaccinia according to the Virucidal Qualification Test, modified in the presence of 400 ppm hard water (calculated as CaCO_3) plus 5% organic serum.

INGREDIENTS	PERCENT BY WEIGHT
Deionized water.	58.52
FMB 1210-5 Quat (50%).	30.73
FMB AO-8 (50%)	6.40
Tetrasodium ethylenediamine tetraacetate (38%)	3.00
Sodium hydroxide	1.35
OR	
Deionized water.	70.04
FMB 1210-8 Quat (80%).	19.21
FMB AO-8 (50%)	6.40
Tetrasodium ethylenediamine tetraacetate (38%)	3.00
Sodium hydroxide	1.35

color and perfume optional

HS-I

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 ($\frac{1}{2}$ ounce per gallon of water) against *Pseudomonas aeruginosa*,

Staphylococcus aureus, & *Salmonella enteritidis* 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 fungicide test, modified in the presence of 400 ppm hard water (calculated as CaCO_3) + 5% organic serum @ a 1:256 dilution.

* VIRUCIDAL against INFLUENZA A/HONG KONG, Herpes simplex Type I, Vaccinia, Rubella, Adenovirus Type 4 according to the virucidal qualification, modified in the presence of 400 ppm hard water + 5% organic serum @ a 1:256 dilution.

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 dirt and heavy soil deposits then thoroughly wet surfaces as recommended and required. Use $\frac{1}{2}$ 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 tabletops. Apply ($\frac{1}{2}$ 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.

Active Ingredients:
Didecyl dimethyl ammonium chloride
4.44% (C12 50%, C12 40%, C12 10%) dimethyl benzyl ammonium chloride
Inert Ingredients

9224
8144
8144

BEST AVAILABLE COPY

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. If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities 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 severe damage and 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.

STORAGE AND DISPOSAL

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 06 1985

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product is registered under EPA Reg. No.

47371-129

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 1/2 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 (1/2 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.

Active Ingredients:

Didecyl dimethyl ammonium chloride

92% C12 40% C12 40% C12 10% dimethyl benzyl ammonium chloride

Inert Ingredients:

92%

40%

10%

BEST AVAILABLE COPY

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 with plenty of water for at least 15 minutes. If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities 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 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.

JUN 06 1985

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

47371-129

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