

MAR 19 1991

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

Attention: Richard D. Sheets

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Gentlemen:

Subject: Formulation HWS-256
EPA Registration No. 47371-129
Your Application Dated October 11, 1990

The amendment referred to above, submitted in connection with registration under FIFRA, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Revise Herpes simplex type I to read: Herpes simplex type 1 wherever it appears on the label.
 - b. Revise Herpes simplex type II to read: Herpes simplex type 2 wherever it appears on the label.
 - c. Revise "Adenovirus type IV" to read "Adenovirus type 4."
 - d. Revise "E. coli" to "Escherichia coli."
2. Technical Bulletin:
 - a. Revise the wording "Swine, Turkey and Poultry House Disinfectant" to read "Livestock, Poultry and Turkey House Disinfectant."
 - b. Expand item 1 on the technical sheet to include "animals," and "enclosures." Refer to item 2 of DIS/TSS-18.

56172-1-DeLaney-L31-01-KSVRIC-03/11/91-04/06/91-aw:DD:aw
CONCURRENCES

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c. Expand item 2 on the technical sheet to reflect item 3 of DIS/TSS-18. Item 5, revise "Saturate surfaces to read "Saturate all surfaces" The directions must be expanded to include item 7 of DIS/TSS 18. Item 6 on the technical sheet must be expanded to reflect item 8 of DIS/TSS 18 enclosure.

3. 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 Martha DeLaney at (703) 557-6982.

Sincerely yours,



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

Enclosure

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PM 21 47371-129

FORMULATION HWS-256 **GERMICIDAL DETERGENT AND** **DEODORANT**

Pseudomonacidal Staphylocidal Salmonellacidal
Fungicidal "Virucidal"

A concentrated multi-purpose germicidal detergent and deodorant effective in hard water up to 400 ppm hard water (calculated as CaCO₃) 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 CaCO₃) plus 5% organic serum:

<i>Pseudomonas aeruginosa</i>	<i>Proteus mirabilis</i>
<i>Staphylococcus aureus</i>	<i>Proteus vulgaris</i>
<i>Salmonella choleraesuis</i>	<i>Salmonella typhi</i>
<i>Bordetella bronchiseptica</i>	<i>Salmonella typhimurium</i>
<i>Chlamydia psittaci</i>	<i>Serratia marcescens</i>
<i>E. coli</i>	<i>Shigella flexneri</i>
<i>E. coli</i> (antibiotic resistant)	<i>Shigella sonnei</i>
<i>Enterobacter aerogenes</i>	<i>Staphylococcus aureus</i>
<i>Enterobacter cloacae</i>	(antibiotic resistant)
<i>Fusobacterium necrophorum</i>	<i>Staphylococcus epidermidis</i>
<i>Klebsiella pneumoniae</i>	(antibiotic resistant)
<i>Klebsiella pneumoniae</i>	<i>Streptococcus faecalis</i>
(antibiotic resistant)	(antibiotic resistant)
<i>Pasteurella multocida</i>	<i>Streptococcus faecalis</i>
<i>Pseudomonas aeruginosa</i>	<i>Streptococcus pyogenes</i>
(antibiotic resistant)	

ACTIVE INGREDIENTS:

Didecyl dimethyl ammonium chloride 9.22%
 n-Alkyl (C₁₄ 50%, C₁₂ 40%, C₁₆ 10%) dimethyl
 benzyl ammonium chloride 6.14%
 INERT INGREDIENTS: 84.64%

KEEP OUT OF REACH OF CHILDREN

DANGER

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 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 ANIMAL

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.

EPA Reg. No. 47371-129 EPA Est. No. 47371-IN-01

NET CONTENTS

H & S CHEMICALS DIVISION
 970 East Tipton, Huntington, IN 46750
 (219) 356-7073

*Kills HIV-1 (AIDS virus) on surfaces previously soiled or other settings in which the virus is found. The surfaces/objects should be associated with the immunodeficiency virus.

SPECIAL INSTRUCTIONS FOR DECONTAMINATION OF SURFACES OF BLOOD/COOY FLUID

Personal Protection: Face mask, eye cover, and gloves. All cleaning of body fluids should be associated with the immunodeficiency virus.

Cleaning Procedures:

Cleaned from surfaces.

Contact Time:

Effective on porous surfaces in contact with 5% blood serum for 10 minutes.

Disposal Of Infectious Waste:

Disinfectant should be autoclaved and local regulations for disposal should be followed.

STORAGE AND DISPOSAL:

Do not contaminate water. Open dumping is prohibited.

PESTICIDE DISPOSAL:

Pesticide wastes are excess pesticide, spray, or other wastes. Label instructions, control agency, or the nearest EPA Regional Office should be followed.

CONTAINER DISPOSAL:

Triple rinse (or equivalent) and then recycle or discard in accordance with local regulations.

FIBER DRUMS WITH:

Completely empty drum to loosen clinging material. Then dispose of in accordance with state and local regulations.

METAL CONTAINERS:

Triple rinse (or equivalent) and then recycle or discard in accordance with local regulations.

GENERAL:

Consult federal, state, and local regulations for alternative procedures.

A concentrated, multi-purpose germicidal detergent and deodorant effective in hard water up to 400 ppm hard water (calculated as CaCO₃) plus 5% organic serum. Disinfects, cleans, and deodorizes in one labor saving step. Recommended for use in hospitals, nursing homes, schools, colleges, veterinary clinics, animal life science laboratories, federally inspected meat and poultry establishments, equine farms, tack shops, pet shops, airports, kennels, hotels & motels, poultry & turkey farms, dairy farms, and hog farms, breeding & grooming establishments. For use in households.

Bactericidal at 1:256 dilution (1/2 ounce per gallon of water) against *Pseudomonas aeruginosa*, *Staphylococcus aureus*, and *Salmonella choleraesuis* according to the current AOAC Use-Dilution Test method, modified in the presence of 400 ppm synthetic hard water (calculated as CaCO₃) plus 5% organic serum.

Fungicidal against *Trichophyton interdigitale* and *Candida albicans* according to the AOAC fungicidal test, modified in the presence of 400 ppm hard water (calculated as CaCO₃) plus 5% organic serum at a 1:256 dilution.

Virucidal against HIV-1 (AIDS virus), Influenza A/Hong Kong, Herpes simplex type 1, Herpes simplex type 2, Vaccinia, Rubella, Adenovirus type IV, Canine parvovirus, Canine distemper, Feline Parvovirus, Feline panleukopenia virus, Feline leukemia virus, Feline coronavirus, Pseudorabies, Infectious bovine rhinotracheitis, and Infectious bronchitis (Avian IBV) according to the virucidal qualification, modified in the presence of 400 ppm hard water plus 5% organic serum at a 1:256 dilution.

(1/2 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 DISINFECTION:

For use on hard non-porous surfaces such as floors, walls, metal surfaces, stainless steel 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.

For use in federally inspected meat and poultry plants as a general cleaning agent on all surfaces, or for use with steam or mechanical cleaning device in all departments. Before use of this compound, food products and packaging materials must be removed from the room or carefully protected. After use of this compound, all surfaces in the area must be thoroughly rinsed with potable water.

MILDEWSTATIC INSTRUCTIONS:

Will effectively control the growth of mold and mildew plus the odors caused by them when applied to hard, nonporous surfaces such as walls, floors, and table tops. Apply solution (1/2 ounce per gallon of water) with cloth, mop, sponge, or spray making sure to wet all surfaces completely. Let air dry. Repeat application weekly or when growth reappears.

CLEANING AND DISINFECTING OF BODY SURFACES AND BODY ORIFICES OF HUMANS REMAINS:

to cleanse away skin secretions and accompanying odor, to insure the removal of all soil and blood stains, and to remove and reduce surface contamination, apply 1/2 ounce to a gallon of water, to the surface and body openings, natural or artificial. Allow a 10 minute contact time optimal results. Bathe the entire body, using a sponge or washcloth. A soft handbrush may be employed on surfaces other than the face. Prepare a fresh solution for application of each remains.

ACCEPTED
 with COMMENTS
 in EPA Letter Dated

MAR 19 1991

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

47371-129

BEST AI

Formulation HWS-256 -PH

Germicidal Detergent

SWINE, TURKEY AND

POULTRY HOUSE DISINFECTANT

DILUTION: 1 to 256 ONE-HALF OUNCE PER GALLON

Directions for Use

The following label directions are required for poultry house disinfectants to permit their classifications as non-food use products.

1. Remove all poultry and feeds from premises, trucks, coops, and crates.
2. Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.
3. Empty all troughs, racks, and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
5. Saturate surfaces with the recommended disinfecting solution for a period of 10 minutes.
6. Ventilate buildings, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
7. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

(Refer to label for precautionary and practical treatment statements)

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WITH COMMENTS
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Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

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