

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAR 14 1991

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

Attn: Richard D. Sheets

Subject: Formulation HWS-64
EPA Registration No. 47371-131
Amendments dated 7/26/90 and 10/11/90
Submissions dated 10/23/90 and 12/21/90

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

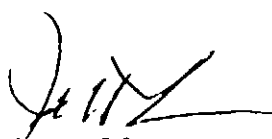
1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Change "Adenovirus type IV to read "Adenovirus type 4".
 - b. Include directions for use in poultry and farm premises. Refer to the attached DIS/TSS -18 and 19 enclosures.
2. The Confidential Statement of Formula, the basic formulations and the three alternate formulations, agrees with label and are acceptable.
3. The toxicity data and addenda submitted are adequate to place the product tested in toxicity category III (Caution).

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

4. 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.

Sincerely,

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

Enclosure

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PM 3:45 5/1/81

FORMULATION HWS-64

GERMICIDAL DETERGENT AND DEODORANT

GENERAL PURPOSE
Pseudomonacidal Staphylocidal Salmonicidal
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:

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

ACTIVE INGREDIENTS:

Didecyl dimethyl ammonium chloride	2.31%
n-Alkyl (C ₁₄ 50%, C ₁₂ 40%, C ₁₆ 10%) dimethyl benzyl ammonium chloride	1.54%
INERT INGREDIENTS:	96.15%

KEEP OUT OF REACH OF CHILDREN CAUTION

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.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMAL

Causes eye irritation. Avoid contact with eyes. Wash thoroughly after handling.

EPA Reg. No. 47371-131 EPA Est. No. 47371-IN-01

NET CONTENTS

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

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 & hog farms, breeding & grooming establishments. For use in households.

Bactericidal at 1:64 dilution (2 ounces 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 1:64 dilution.

Virucidal against HIV-1 (AIDS virus), Influenza A/Hong Kong, Herpes simplex Type I, Herpes simplex type II, Vaccinia, Rubella, Adenovirus type IV, Canine parvovirus, Canine distemper, Feline panleukopenia, Feline picornavirus, Feline leukemia, Rabies, Porcine parvovirus, Pseudorabies, Infectious bovine rhinotracheitis, Infectious bronchitis (Avian IBV) according to the virucidal qualification, modified in the presence of 400 ppm hard water plus 5% organic serum at a 1:64 dilution. (2 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 FOR DISINFECTING:

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. Use 2 ounces 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 (2 ounces 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 AND ANIMALS

To cleanse away skin secretions and accompanying malodor, to insure the removal of all soil and blood stains, and to remove and reduce surface contamination, apply 2 ounces 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.

Kills HIV-1 (AIDS virus) on surfaces, previous healthcare settings or expected likelihood of with blood or body fluid likely to be soiled with it with the potential for HIV virus Type 1 (HIV-1) (see SPECIAL INSTRUCTIONS DECONTAMINATION, VIRUS) OF SURFACE: BLOOD/BODY FLUID.

Personal Protection: gowns, face masks, or worn during all cleaning/termination procedures.

Cleaning Procedures: thoroughly cleaned location of disinfectant.

Contact Time: Effective on non-porous surfaces in organic soil (5% blood) (providing 600 ppm of hard water for a contact (20-25°C). Use a ten (1) against all other bacteria (labeling).

Disposal Of Infectious fluids should be autoclave, federal, state, and localposal.

STORAGE AND DISPOSAL PROHIBITIONS

Do not contaminate water. Open dumping is prohibited.

PESTICIDE DISPOSAL

Wastes resulting from this product should be disposed of on site or at an approved incineration.

CONTAINER DISPOSAL

Triple rinse (or equivalent) before recycling or incineration, or if allowed to burn, stay in fiber drums with a completely empty line bottom to loosen clinging material. Then by incineration if allowed to be contaminated and can be burned.

METAL CONTAINERS

Triple rinse (or equivalent) before recycling or incineration, or if allowed to burn, stay in fiber drums with a completely empty line bottom to loosen clinging material. Then by incineration if allowed to be contaminated and can be burned.

GENERAL

Consult federal, state or local health department for alternative procedures.

ACCEPTED
with COMMENTS
by EPA REG. NO. 47371-131

MAR 14 1991

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 47371-131

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