

FORMULATION HWS- 64

GERMICIDAL DETERGENT AND DEODORANT

PM 31

47371-131

10/3

Pseudomonas • Staphylococcus • Salmonella • Fungicide • Virucidal

A concentrated, multi-purpose germicidal detergent and deodorant effective in hard waters 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 and animal life science laboratories, equine farms, tack shops, pet shops, airports, barns, hotels & motels, poultry & turkey farms, dairy farms & hog farms, breeding & grooming establishments. For use in households. For use in controlling unsightly mold and mildew plus the odors caused by them when applied to hard, nonporous surfaces such as walls, floors, and table tops. Apply solution by spraying. Make sure to wet all surfaces completely. Let or dry. Repeat application weekly or when growth reappears.

Spectrally active at 1250 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. (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 CaCO₃) plus 5% organic serum at a 1250 dilution.

Virucidal against HIV-1 (AIDS virus), Influenza A/Hong Kong, Herpes simplex type I, Vaccinia, Rubella, Adenovirus type 4, Canine parvovirus, Feline parvovirus, Feline leukemia, Canine distemper, Rabies, Porcine parvovirus, Pseudorabies, and Infectious bronchitis (Aren IV), according to the virucidal qualification, modified in the presence of 400 ppm hard water plus 5% organic serum at a 1250 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 DISINFECTING:

For use on hard non-porous surfaces such as floors, walls, metal surfaces, stainless steel surfaces, porcelain, and plastic surfaces. Remove gross soil 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.

*See accompanying literature regarding HIV-1 (AIDS virus).

MOLD/MILDREW INSTRUCTIONS

Will effectively inhibit 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 by spraying. Make sure to wet all surfaces completely. Let or dry. Repeat application weekly or when growth reappears.

CLEANSING AND SANITIZATION OF BODY SURFACES AND BODY ORIFICES OF HUMAN REMAINS.

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.

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

ACTIVE INGREDIENTS

Didacyl dimethyl ammonium chloride 2.31 %
n-Alkyl (C₁₂ 30%, C₁₄ 40%, C₁₆ 10%) dimethyl benzyl ammonium chloride 1.54 %
INERT INGREDIENTS 96.15 %

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: Possible 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 residue 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 LIDERS

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.

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

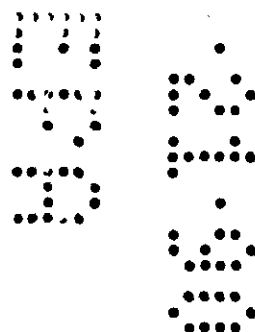
Net Contents

H & S Chemicals Division
970 E. Tipton Street, Huntington IN 46750
219/356-7073

ACCEPTED

AUG 28 1990

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



FORMULATION HWS-64 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:

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

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 *HIV-1 (AIDS virus), Adenovirus type 4, Herpes simplex type I, Herpes simplex type II, Influenza A/Hong Kong, Canine Parvovirus, Rubella, Feline picornavirus, Feline leukemia, Canine distemper, Rabies, Porcine parvovirus, Pseudorabies, Infectious bronchitis (Avian IBV), 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.

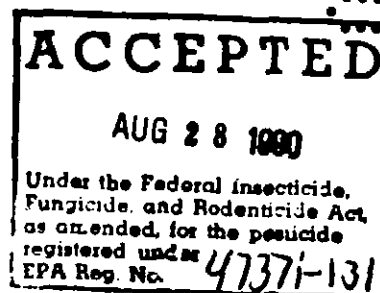
INGREDIENTS	PERCENT BY WEIGHT
Deionized water	89.22
FMB 1210-5 Quat (50%)	7.70
FMB AO-8 (40%)	2.00
Ethylenediamine tetraacetic acid	0.75
Sodium hydroxide	0.33

OR

Deionized water	92.10
FMB 1210-8 Quat (80%)	4.82
FMB AO-8 (40%)	2.00
Ethylenediamine tetraacetic acid	0.75
Sodium hydroxide	0.88

color and perfume optional

*See accompanying literature regarding HIV-1 (AIDS virus)



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H&S Chemicals Division

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*Kills HIV-1 (AIDS virus) on precleaned environmental surfaces/objects previously soiled with blood/body fluids in healthcare settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (AIDS VIRUS) OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

Personal Protection: Disposable latex or vinyl gloves, gowns, face masks, or eye coverings as appropriate, must be worn during all cleaning of body fluids, blood, and decontamination procedures.

Cleaning Procedures: Blood and body fluids must be thoroughly cleaned from surfaces and objects before application of disinfectant.

Contact Time: Effective against HIV-1 (AIDS virus) on hard non-porous surfaces in the presence of a moderate amount of organic soil (5% blood serum) when used at a 1:64 dilution (providing 600 ppm of active quaternary) in 400 ppm CaCO_3 hard water for a contact time of 4 minutes at room temperature (20-25°C). Use a ten (10) minute contact time for disinfection against all other bacteria, fungi, and viruses claimed (listed on labeling).

Disposal of Infectious Materials: Blood and other body fluids should be autoclaved and disposed of according to federal, state, and local regulations for infectious waste disposal.

