

FORMULATION HWS-64

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, 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 CaCO_3) 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 CaCO_3) plus 5% organic serum at a 1:64 dilution.

Virucidal against *HIV-1 (AIDS virus), Influenza A/Hong Kong, Herpes simplex type 1, Herpes simplex type 2, Vaccinia, Rubella, Adenovirus type 4, Canine parvovirus, Canine distemper, Feline panleukopenia, Feline parvovirus, Feline leukemia, Rabies, Porcine parvovirus, 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 1:64 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, or by 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 devices 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, non-porous surfaces such as walls, floors, and table tops. Apply solution (2 ounces per gallon of water) with a cloth, mop, or sponge making sure to wet all surfaces completely. Let air dry. Repeat application weekly or when growth reappears.

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>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	2.31%
n-Alkyl (C_{14} 50%, C_{12} 40%, C_{10} 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 ANIMALS

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

EPA Reg. No. 47371-131

EPA Est. No. 47371-IN-01

NET CONTENTS 55 GALLON

H&S CHEMICALS DIVISION
970 East Tipton, Huntington, IN 46750
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ACCEPTED
JAN 27 1992
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 47371-131

*Kills HIV-1 (AIDS virus) on pre-cleaned 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 surface/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.

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food, or feed by storage or disposal. Open burning is prohibited. Do not reuse empty container.

PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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 must 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

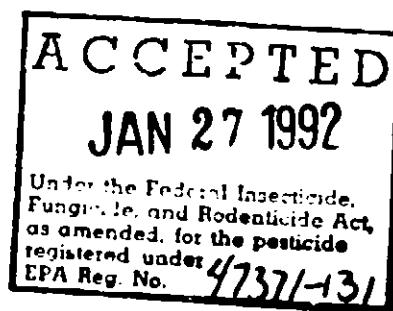
Follow federal, state, or local disposal authorities for approved alternative procedures such as limited open burning.

LIVESTOCK, POULTRY, AND POULTRY HOUSE DISINFECTANT
DILUTION: 1:64 2 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 animals and feeds from premises, trucks, coops, crates, and enclosures.
2. Remove all litter and manure from floors, walls, and surfaces of barns, pens, stalls, chutes, and other facilities and fixture occupied or traversed by animals.
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 all surfaces with the recommended disinfecting solution for a period of 10 minutes.
6. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
7. Ventilate buildings, coops, cars, boats, and other closed spaces. Do not house poultry, livestock, or employ equipment until treatment has been absorbed, set, or dried.
8. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.



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