

FORMULATION HWS-128

ONE STEP GERMICIDAL DETERGENT AND DEODORANT

Pseudomonascidal • Staphylocidal • Salmonellacidal • Fungicidal • *Vircidal

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 and federally inspected meat and poultry establishments and households.

Bactericidal at 1:128 dilution (1 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 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 Fungicidal Test, modified in the presence of 400 ppm hard water (calculated as CaCO_3) plus 5% organic serum at a 1:128 dilution.

Vircidal against *HIV-1 (AIDS virus), Influenza A/Hong Kong, Herpes simplex type I, Herpes simplex type II, Vaccinia, Rubella, Adenovirus type 4 according to the vircidal question, modified in the presence of 400 ppm hard water plus 5% organic serum at a 1:128 dilution.

(1 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, porcelain, and plastic surfaces. Remove gross filth and heavy soil deposits then thoroughly wet surfaces as recommended and required. Use 1 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 and then discarded. Rinsing is not necessary unless floors are to be waxed or polished.

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

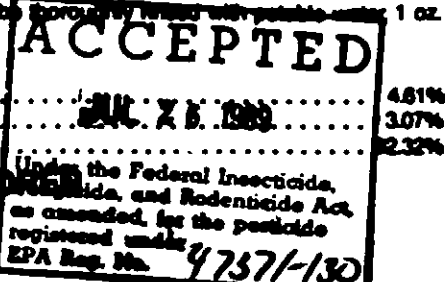
For use in federally inspected meat and poultry plants as a general cleaning agent on all surfaces, or for use with steam or mechanical cleaning device in all departments. Before use of this compound, food products and packaging materials must be removed from the room or carefully protected. After use of this compound, all surfaces in the area must be thoroughly rinsed with potable water, 1 oz. per gallon of water.

ACTIVE INGREDIENTS:

Didacyl dimethyl ammonium chloride

n-Alkyl (C_{14} 50%, C_{12} 40%, C_{10} 10%) dimethyl benzyl ammonium chloride

INERT INGREDIENTS



**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 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 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.

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Net Contents _____

H & S Chemical Division
970 E. Tipton Street, Huntington, IN 46750
219/308-7073

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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>Staphylococcus aureus</i>	<i>Shigella sonnei</i>
<i>Salmonella choleraesuis</i>	<i>Salmonella typhi</i>
<i>Enterobacter cloacae</i>	<i>Proteus mirabilis</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 1, Herpes simplex type II, 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	78.48
FMB 1210-5 Quat (50%)	15.36
FMB AO-8 (40%)	4.00
Ethylenediamine tetraacetic acid	1.50
Sodium hydroxide	0.66

OR

Deionized water	84.24
FMB 1210-8 Quat (80%)	9.60
FMB AO-8 (40%)	4.00
Ethylenediamine tetraacetic acid	1.50
Sodium hydroxide	0.66

color and perfume optional

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



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 1:128 dilution (providing 800 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.

