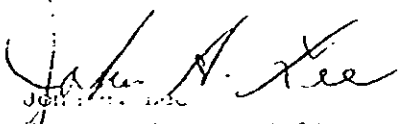


US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 47371-131	DATE OF ISSUANCE MAY 08 1987
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: ☒ REGISTRATION ☐ REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	NAME OF PESTICIDE PRODUCT Formulation IN/S-64	
	NAME AND ADDRESS OF REGISTRANT (Include ZIP code) H&S Chemicals Division 270 East Tipton Street Joliet, IL 60430	
NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.		
On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.		
A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.		
Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.		
This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:		
1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.		
2. Add the phrase "EPA Registration No. 47371-131" to your label before you release the product for shipment.		
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-73 enclosure for a further description of final printed labeling.		
If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.		
A stamped copy of the label is enclosed for your records.		
 John A. Lee Project Manager (31) Disinfectants Branch Registration Division (TS-767C)		
Enclosures ☐ ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

GERMICIDAL DETERGENT AND DEODORANT FORMULATION HWS

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 and colleges, Veterinarian clinics, animal life science laboratories and the household.

BACTERICIDAL @ 1:64 dilution (2 ounces per gallon of water) against *Pseudomonas aeruginosa*,

Staphylococcus aureus, *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) + 5% organic serum @ 1:64 dilution.

VIRUCIDAL against Influenza A/Hong Kong, Herpes Simplex Type I, Vaccinia, Rubella, Adenovirus Type 1, Canine Parvovirus according to the virucidal qualification, modified in the presence of 400 ppm hard water + 5% organic serum @ a 1:64 dilution. 2 ounces per gallon of water

DIRECTIONS FOR USE

In accordance with the provisions 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.

Use 2 ounces or 1/4 cup 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.

MILDEWSTATIC INSTRUCTIONS

Will effectively inhibit the growth and mildew plus the odors caused by them when applied

to hard non-porous surfaces such as walls, floors, and tabletops. Apply (2 ounces per gallon of water) with cloth, mop or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application weekly or when growth reappears.

Active Ingredients:

Dodecyl dimethyl ammonium chloride	2.31%
Nonyl phenol 50%, C12 40%, C14 10% dimethyl benzyl ammonium chloride	1.54%
Isotriazolinone	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.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes eye irritation. Avoid contact with eyes; wash thoroughly after handling.

STORAGE AND DISPOSAL

PROMISSIONS

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 rinsate 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.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 08 1987

For use call a physician.

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the product registered under EPA Reg.

47371-131

NET CONTENTS

HWS CHEMICALS DIVISION

970 E. TIPTON

MUNTINGTON, NJ 08054

EPA REGISTRATION NO.

EPA EST. NO. 47371-1A-0

BEST AVAILABLE COPY



H&S Chemicals Division

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 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 | Shigella flexneri |
| Staphylococcus aureus | Shigella sonnei |
| Salmonella choleraesuis | Salmonella typhi |
| Enterobacter cloacae | Proteus mirabilis |
| Streptococcus pyogenes | E. coli |
| Streptococcus faecalis | Staphylococcus aureus (antibiotic resistant) |
| Enterobacter aerogenes | Streptococcus faecalis (antibiotic resistant) |
| Salmonella typhimurium | E. coli (antibiotic resistant) |
| Klebsiella pneumoniae | Klebsiella pneumoniae (antibiotic resistant) |
| Proteus vulgaris | Staphylococcus epidermidis (antibiotic resistant) |
| Serratia marcescens | Pseudomonas aeruginosa (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 CaCO₃) plus 5% organic serum.

Virucidal against Adenovirus type 4, Herpes simplex type 1, Influenza A/Hong Kong, Rubella,* and Vaccinia according to the Virucidal Qualification Test, modified in the presence of 400 ppm hard water (calculated as CaCO₃) plus 5% organic serum.

INGREDIENTS	PERCENT BY WEIGHT
Deionized water	89.22
FMB 1210-5 Quat (50%)	7.77
FMB AO-8 (40%)	2.00
Ethylenediamine tetraacetic acid	0.75
Sodium hydroxide	0.33
OR	
Deionized water	92.13
FMB 1210-8 Quat (80%)	4.82
FMB AO-8 (40%)	2.00
Ethylenediamine tetraacetic acid	0.75
Sodium hydroxide	0.33

color and perfume optional

970 East Tipton, Huntington, Indiana 46760

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 08 1987

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