

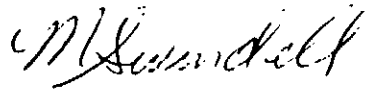
PM 5 41311-147 1045

<p>US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (HS 767) WASHINGTON, DC 20460</p> <p>NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</p>	<p>EPA REGISTRATION 47371-147</p> <p>TERM OF ISSUANCE</p> <p>NAME OF PESTICIDE PRODUCT Formulation HS-1210 Disinfectant/Sanitizer (3.85%)</p>	<p>DATE OF ISSUANCE MAR 30 1994</p>
<p>NAME AND ADDRESS OF REGISTRANT (Include ZIP code)</p> <p>H&S Chemical Divisions 970 East Tipton Street Huntington, IN 46750</p>		
<p>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.</p>		
<p>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.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>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.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none">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; and submit acceptable responses required for reregistration of your product under FIFRA section 4.2. Make the labeling changes listed below before you release the product for shipment:<ol style="list-style-type: none">a. Add the phrase "EPA Registration No. 47371-147." <p>Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.</p> <p>If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.</p> <p><input checked="" type="checkbox"/> ATTACHMENT IS APPLICABLE</p> <p>SIGNATURE OF APPROVING OFFICIAL</p> <p>BEST AVAILABLE COPY</p>		

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A stamped copy of the label is enclosed for your records.

Sincerely,



John H. Lee
Product Manager-31
Antimicrobial Program Branch
Registration Division (H7505-C)

Enclosure

germicide and deodorant

DISINFECTANT 1:64	2 ounces per gallon of water (600ppm)
SANITIZER 1:256	1 ounce per 2 gallons of water (150ppm)
SANITIZER 1:192	1 ounce per 1 1/4 gallons of water (200ppm)

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 precleaned, hard, non-porous surfaces such as floors, walls, metal surfaces, stainless steel surfaces, porcelain, and plastic surfaces (such as polypropylene, polystyrene, etc.). Thoroughly wet all surfaces with a solution of 2 ounces or 1/4 cup of product per gallon of water. Let solution remain on the surface for a minimum contact time of 10 minutes. Allow to air dry. Can be applied with a mop, sponge, cloth, coarse sprayer, or by soaking. The use solution is prepared fresh for each use then discarded. Rinsing is not necessary unless floors are to be waxed or polished.

TO CONTROL MOLD AND MILDEW: To control mold and mildew on hard, non-porous surfaces pre-clean surfaces. Then apply 2 fluid ounces per gallon solution with mop, sponge, cloth, or coarse sprayer so as to wet all surfaces thoroughly. Let air dry. Repeat application every 7 days to control recurrence of growth.

FISHERY, MILK, CITRUS, ICE CREAM & POTATO PROCESSING PLANTS: Applied routinely as a disinfectant on walls and floors will reduce or eliminate odors in the processing area. Use on filling equipment to reduce or eliminate odors in the processing area and bacteria associated with condensation on equipment and pipes.

FOR SANITIZING FOOD CONTACT SURFACES: For use on precleaned, hard, non-porous surfaces such as counter tops, eating utensils, and drinking glasses. Remove gross food particles and soil prior to washing and rinsing the surfaces. Rinse with potable water prior to application of sanitizing solution. Then use 1 ounce per 1 1/2 - 2 gallons of water (150-200 ppm active quat) for a minimum contact time of 1 minute in a single application. Can be applied with a mop, sponge, cloth, or coarse sprayer, or by soaking. Thoroughly wet all surfaces. Drain thoroughly. Do not rinse. For mechanical applications, use solution may not be reused for sanitizing applications. The recommended use solution is prepared fresh for each use then discarded.

RESTAURANT AND BAR USE: For use as a sanitizer on dishes, glassware, silverware, cooking utensils, wash with detergent, rinse thoroughly and immerse in a solution of 150-200 ppm active quat (1 ounce per 1 1/4 - 2 gallons of water) for at least 1 minute. Drain thoroughly. Do not rinse.

BEVERAGE PLANTS: For sanitizing of bottling or pre-mix dispensing equipment, after cleaning thoroughly rinse equipment with cold or lukewarm water. Fill equipment with solution of 150-200 ppm quat (1 ounce per 1 1/2-2 gallons of water). Allow the solution to remain in contact with equipment for at least 1 minute or until operations resume at which time the sanitizing solution should be drained from the system. To insure the removal of flavors, it is suggested that during changeover between products the system should be cleaned, rinsed and flushed with the sanitizing solution for at least 1 minute. Allow to drain completely before using.

Pseudomocidal Staphylocidal Fungicidal *Virucidal

A concentrated, multi-purpose germicide and deodorant effective in 5% organic serum. Disinfects 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, kennels, hotels and motels, poultry and turkey farms, dairy farms and hog farms, and breeding and grooming establishments.

Bactericidal at 1:64 dilution (2 ounces per gallon of water) against *Pseudomonas aeruginosa*, *Staphylococcus aureus*, and *Salmonella choleraesuis* according to AOAC Use-Dilution Test method, modified in the presence of 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 5 % organic serum at a 1:64 dilution.

*Virucidal against *Bovine rhinotracheitis, *Avian Infectious Bronchitis virus, and *Newcastle virus according to the virucidal qualification, modified in the presence of 5% organic serum at a 1:64 dilution.

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

(See side panel for additional precautionary and practice treatment statements.)

practical treatment statements.)

ACCEPTED

MAR 30 1991

EPA Registration #47371-
EPA Establishment #47371-IN-01

Net Contents _____

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product has been found to comply with the requirements for sale and distribution in the United States.

790 East Tipton Street, Huntington, Indiana 46750
(219) 356-7073

EPA Reg. No. 47371-147

SANITARY FILLING
in the final rinse applic-
rinsing water line of the
ppm active quat. A s-
be used in an external
STORAGE TANK (for
fermentation and holding)
applied manually or using
Drain thoroughly. Do not
systems, the used water
may be reused for other
FOR SANITIZING DRAIN
CREAM PROCESSING
and equipment to reduce
use on filling equipment
equipment and pipes.

STATEMENT OF F

**PRECAUTIONARY
HAZARDS TO HUMANS
CAUTION**
Causes eye irritation.
handling.

STOR

PROHIBITIONS

Do not contaminate
dumping is prohibited
PESTICIDE DISPOS
Wastes resulting from
at an approved waste
CONTAINER DISPOS
PLASTIC CONTAIN
Triple rinse (or equiv
puncture and dispose
state and local authori
FIBER DRUMS WITH
Completely empty lin
clinging particles. Em
of liner in a sanitary h
authorities. If drum is
same manner.

METAL CONTAINERS
Triple rinse (or equivalent)
puncture and dispose in
approved by state and

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Dilution: 1:64

2 ounces per gallon

Federal Insecticide, Fungicide, and Rodenticide Act
as amended by the pesticide
registration law
EPA Reg. No. 47371-147

Directions for Use

1. Remove all poultry and feeds from premises, trucks, coops, and crates.
2. Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.
3. Empty all troughs, racks, and other feeding and water appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
5. Saturate surfaces with the recommended disinfecting solution for a period of 10 minutes.
6. Ventilate buildings, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set or dried.
7. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

FARM PREMISE DISINFECTANT

Dilution: 1:64

2 ounces per gallon

Directions for Use

1. Remove all animals and feed from premises, vehicles, and enclosures.
2. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures 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, cars, boats, and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set, or dried.
8. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

CITRUS CANCER CONTROL

For prevention of Citrus Canker Disease through treatment of equipment. Effective against *Xanthomonas campestris* pv. *vesicatoria* (Citrus Canker Disease) at 2000 ppm active quat. Treat all equipment thoroughly at a dilution ratio of 1:25 (2000 ppm active quat). Treatments can be applied to field equipment, outer clothing, shoes, vehicles, tires, and any other equipment taken into infested areas. To prevent the spread of Citrus Canker by this artificial means of transportation, treatments are made by trigger spraying, dipping or brushing, using a maximum rate of 2000 ppm quat. Clothing should be either thoroughly rinsed or laundered before reuse. Footwear should be rinsed before reuse.

[May be used as box insert and/or hang tag.]

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Formulation HS-1210 Disinfectant/Sanitizer (3.85%)

(Reference Sheet)

BACTERICIDAL AGAINST:

Effective against the following according to the AOAC Use-Dilution Test, modified in the presence of 5% organic serum.

Pseudomonas aeruginosa
Staphylococcus aureus
Salmonella choleraesuis
Escherichia coli
Salmonella typhi
Serratia marcescens
Klebsiella pneumoniae
Streptococcus pyogenes
Shigella flexneri
Proteus mirabilis
Staphylococcus aureus phage 80
Staphylococcus aureus phage 81
Enterobacter aerogenes
Mycoplasma gallisepticum
Listeria monocytogenes
Pseudomonas putida
Aeromonas salmonicida
Vibrio anguillarum

Effective against the following according to the AOAC Germicidal & Detergent Sanitizer Test, modified in the presence of 800 ppm water hardness (calculated as CaCO_3)

Staphylococcus aureus
Escherichia coli

FUNGICIDAL & MILDEWICIDAL AGAINST:

Effective against the following according to the AOAC Use-Dilution Test, modified in the presence of 5% organic serum.

Aspergillus flavus
Aspergillus fumigatus
Aspergillus glaucus
Candida albicans
Trichophyton interdigitale
Alternaria tenuis
Geotrichum candidum
Penicillium digitatum
Phytophthora infestans
Trichoderma harzianum
Fusarium oxysporum
Rhizopus nigricans (stolonifer)

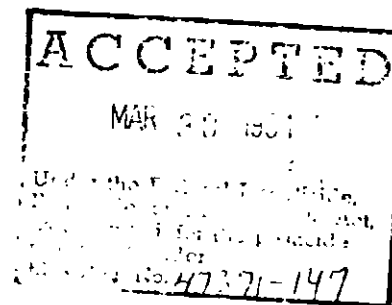
VIRUCIDAL AGAINST:

Effective against the following according to the virucidal qualifications modified in the presence of 5% organic serum.

Bovine rhinotracheitis virus
Avian Infectious Bronchitis virus
Newcastle virus

EPA Reg. No. 47371-

[May be used as a box insert and/or hang tag.]



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