

47371-1

11-28-1989

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



NOV 28 1989

H&S Chemicals Division  
970 East Tipton Street  
Huntington, IN 46750

Attention: Richard D. Sheets

Gentlemen:

Subject: Formulation HS-32Q  
EPA Registration No. 47371-1  
Your Application Dated September 15, 1989

The amendment referred to above, submitted in connection with registration under FIFRA, is acceptable provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

1. Delete the statement "Only For Sale To, Use and Storage By Service Persons."
2. Revise the referral statement to read: "See right panel for additional precautionary statements."
3. Under "Contact Time" revise the statement "Effective against HIV-1 (AIDS Virus) . . ." to read "Leave surfaces wet for 5 minutes. Use a ten (10) minute contact time for disinfection against all other bacteria and fungi claimed (listed on labeling)."

Submit five (5) copies of your final printed labeling before you release the product for shipment.

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 bearing the amended labeling constitutes acceptance of these conditions.

58357:I:DeLaney:LL-14:KENCO:11/15/89:12/27/89:DD:sw:vo:dd:dg

CONCURRENCES

SYMBOL							
SURNAME							
DATE							


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

If you have any questions concerning this letter, please contact Martha DeLaney at (703) 557-6982.

Sincerely yours,

John H. Lee   
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (H7505C)

Enclosure

**PSEUDOMONACIDAL, STAPHYLOCIDAL  
FUNGICIDAL**

Formulation HS-32Q effectively eliminates odors at their source. Formulation HS-32Q kills Athlete's Foot Fungus, antibiotic resistant Staph, and many other dangerous disease-causing germs. Formulation HS-32Q is effective against all of the following organisms:

Pseudomonas aeruginosa	Virucidal against
Staphylococcus aureus	HIV-1 (AIDS VIRUS).
Salmonella choleraesuis	See accompanying
Trichophyton interdigitale	literature regarding
Candida albicans	HIV-1 (AIDS VIRUS)
Dilution 1:32	4 ounces per gallon
Disinfectant 1:32	4 ounces per gallon

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**USES:** For use on hard nonporous surfaces, such as floors, walls, metal surfaces, painted surfaces, exterior bowl surfaces, empty basins, garbage cans, showers, athletic equipment, and lavatory fixtures.

**DISINFECTION:** Use 4 ounces of Formulation HS-32Q per gallon of water for a minimum contact time of 10 minutes in a single application. For disinfecting, remove filth and heavy soil deposits. Pre-clean all surfaces prior to disinfection; then thoroughly wet surfaces. Formulation HS-32Q is extremely versatile and can be applied with a mop, sponge, or cloth as well as soaking.

**TO CLEAN & DISINFECT TOILET BOWLS:** To clean, squeeze around the bowl and under the rim. Leave for 10 minutes or overnight if possible. Swab, then flush. To disinfect, first remove or expel over the inner trap the residual bowl water prior to applying the use dilution. Use 4 oz. of concentrate and brush the hard surfaces. Close cap on container after each use.

**FLOOR AND WALL CLEANER:** For use in USDA federally inspected meat and poultry plants as a floor and wall cleaner in all departments. Before use of this compound, food products and packaging materials must be removed from the room or carefully protected. Apply with mop, cloth, or sponge at a dilution of 4 ounces per gallon. After use of this compound, all surfaces in the area must be thoroughly rinsed with potable water.

# FORMULATION HS-32Q

## Germicidal Detergent

For use in hospitals, nursing homes, medical and dental offices, veterinary clinics, schools and colleges.

**ACTIVE INGREDIENTS:**

n-Alkyl (60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>12</sub> , 5% C <sub>18</sub> ) dimethyl benzyl ammonium chlorides	0.8%
n-Alkyl (50% C <sub>12</sub> , 30% C <sub>14</sub> , 17% C <sub>16</sub> , 3% C <sub>18</sub> ) dimethyl ethylbenzyl ammonium chlorides	0.8%

**INERT INGREDIENTS:** ..... 98.4%

**DANGER: KEEP OUT OF REACH OF CHILDREN. ONLY FOR SALE TO, USE AND STORAGE BY SERVICE PERSONS.**

(See right panel for additional precautionary and practical treatment statements.)

NET CONTENTS \_\_\_\_\_

EPA REG. NO. 47371-1      EPA EST. NO. 47371-IN-01

**H&S CHEMICALS DIVISION  
970 EAST TIPTON  
HUNTINGTON, IN 46750  
(219) 356-8100**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

HS-11

**NOV 28 1989**

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the purposes registered under EPA Reg. No.

**47371-1**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
DANGER:**

**CORROSIVE:** May cause severe eye irritation or eye damage. Causes skin irritation.

Harmful if swallowed. Wash contaminated clothing before use. Avoid contamination of food, water, or feed. To protect eyes, wear goggles or face shield and to protect skin, wear rubber gloves when handling.

**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 immediately. If swallowed, drink promptly a large quantity of water. Call a physician immediately.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

### STORAGE AND DISPOSAL

This product must be kept under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

- 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.

**CONTAINER DISPOSAL:** For 1 gallon or less. Do not reuse empty container. Rinse thoroughly before discarding in trash. Securely wrap original container in several layers of newspaper and discard in trash.

**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 in the same manner.

**METAL CONTAINERS**

Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose in a sanitary landfill or by other procedures approved by state and local authorities.

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### FORMULATION HS-320

\*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 1:32 dilution (providing 500 ppm of active quaternary) for a contact time of 5 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.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
**NOV 28 1989**  
Under the Federal Insecticide  
Fungicide, and Rodenticide Act  
as amended, for the purposes  
registered under EPA Reg. No.  
**47371-1**