



FEB - 6 1989

Huntington Laboratories, Inc.
968-970 East Tipton Street
Huntington, IN 46750

Attention: W. Robert MacDonald

Gentlemen:

Subject: Hi-Tor Germicidal Detergent
EPA Registration No. 303-91
Your Amended Application Dated December 24, 1987

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling.
 - a. Refer to the enclosed Efficacy Evaluation and Technical Efficacy Review - II, and revise your labeling in accordance with the labeling comments outlined there.
 - b. Refer to the enclosed document "Label Requirements for Antimicrobial Pesticides Used on Hard Surfaces Against HIV-1 (AIDS Virus)" for EPA's current labeling policy for efficacy claims. Your labeling must be revised in accordance with the requirements outlined in this policy notice.
 - c. The signal word "DANGER" must be placed directly below the statement "Keep Out of Reach of Children" (center panel only).
 - d. Delete the words "General Classification."
 - e. Delete the statement "Only For Sale To, Use and Storage by Service Persons."
 - f. Delete the word "milk."

50393:I:DeLaney:LL-9:KENCO:12/21/88:2/6/89:rw:vo:rw

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

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

Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,


John H. Lee
Product Manager (31)
Antimicrobial Program Branch
Registration Division (TS-767C)

Enclosures

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HI-TOR

GERMICIDAL DETERGENT

ACCEPTED
with COMMENTS
in EPA Letter Dated:
[REDACTED]

EB - 6 1989

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

Disinfects, Cleans, Deodorizes
Pleasant fragrance • Economical

Product Number 102714

303-91

HI-Tor Plus is a concentrated multi-purpose germicidal detergent proven effective by the AOC Use-Dilution Method in 400 ppm hard water (Calculated as CaCO₃) (Fetal Bovine Serum). Refer to the HI-Tor Plus Research Bulletin for testing details.

HI-Tor Plus' superior powerful formula disinfects, cleans, and deodorizes in one labor saving step. HI-Tor Plus is effective against the following pathogenic organisms (in strains):

PSEUDOMONACIDAL	STAPHYLOCIDAL	*VIRUCIDAL	FUNGICIDAL
Pseudomonas aeruginosa	Staphylococcus aureus †	*HIV-1 Virus	*Herpes Simplex
Enterobacter aerogenes	Staphylococcus aureus phage 80	*Adenovirus Type 2	*Rubella
Escherichia coli †	Staphylococcus aureus phage 81	*Herpes Simplex Type 1	*Avian Infectious
Proteus mirabilis	Staphylococcus epidermidis †	*Influenza Type A/Mur	*Avian Influenza
Shigella flexneri	Streptococcus pyogenes	*Vaccinia	*Bovine Parvovirus
Enterococcus faecalis*	Trichophyton mentagrophytes	*Adenovirus Type 4	*Infectious Bovine
	Candida albicans		

* Tested against regular and antibiotic resistant strains

Classified by Underwriters Laboratories Inc.® as to electrical conductivity when used on conductive floors and spontaneous heating. HI-Tor Plus for use with listed electrical type." 378Y

DILUTIONS: 1 to 250.....

DIRECTIONS FOR USE GENERAL CLASSIFICATION

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

GENERAL USE DIRECTIONS

USES: Floors, walls, metal surfaces, painted surfaces, exterior bowl surfaces, empty basins, showers, conductive flooring, and lavatory fixtures. For institutional use in homes, schools and colleges, medical and dental offices, and veterinary clinics.

APPLICATION: Use 1/2 ounce of HI-Tor Plus per gallon of water for a minimum contact time of 10 minutes in a single application. For disinfecting, remove gross filth and soil surfaces. HI-Tor Plus is extremely versatile and can be applied with a mop, sponge, or cloth as well as soaking. The recommended use solution is used once on floor surfaces unless floors are to be waxed or polished.

ACTIVE INGREDIENTS: Didecyl dimethyl ammonium chloride.....
-Alkyl (C₁₂ 50%, C₁₁ 40%, C₁₀ 10%) dimethyl benzyl ammonium chloride.....

INERT INGREDIENTS:.....

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

STATEMENT OF PRACTICAL TREATMENT

In case of skin contact, wash thoroughly with soap and water. In case of eye contact, immediately flush eyes with water for 15 minutes and get prompt medical attention. In case of ingestion, do not induce vomiting. Give small quantities of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Irritant. Concentrate causes eye and skin damage. May be absorbed through the skin. Do not get in eyes, on skin or clothing. Wear goggles or face shield and rubber gloves. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse. Harmful if swallowed. Avoid contamination of food, water or feed.

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not use 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 for sanitary landfill, or incineration, or, if allowed by state and local authorities, deep well injection. Do not burn. Stay out of smoke.

GENERAL

Consult federal, state, or local disposal authorities for approved methods of open burning.

BEST AVAILABLE

EPA Reg. No. 303-91 EPA Est. No. 303-1N-1
(See shoulder or bottom of container for plant identification number)
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