

AUG 28 1990

National Laboratories
Lehn & Fink Industrial Products Division
225 Summit Avenue
Montvale, NJ 07645

Attention: Paul J. Kruger
Manager

Gentlemen:

Subject: Quatsyl 256
EPA Registration No. 675-45
Your Submission Dated May 10, 1990

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

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Delete "Newcastle Disease Virus" from the product label. Refer to the enclosed DIS/TSS-7.
 - b. On the front panel, delete "Corrosive. Harmful if swallowed. Causes eye and skin injury."
 - c. The signal word "DANGER" must fall directly below the Child Hazard Warning statement (front panel only).
2. 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 section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

61712;I:DeLaney:L-9:KENCO:8/10/90:9/10/90:EK:VO:EK:CL

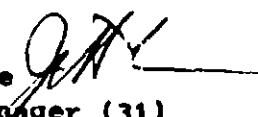
CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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)
Disinfectants Branch
Registration Division (H7505C)

Enclosures

Front Panel

QUATSYL 256

Cleaner Disinfectant

Deodorizer-Fungicide-Virucide** for Hospital and Institutional Use, for Veterinary Hospitals and Other Animal Facilities.

Highly Concentrated Germicide Based on a Blend of Quaternaries.

Active Ingredients:

Alkyl (C ₁₄ , 50%; C ₁₂ , 40%; C ₁₆ , 10%) dimethyl benzyl ammonium chlorides	11.00%
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Didecyl dimethyl ammonium chloride	1.20%
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Inert Ingredients:	87.80%
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ACCEPTED
with COMMENTS
As per Letter Dated
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Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
675-45

100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER: Corrosive. Harmful if swallowed. Causes eye and skin injury. See Side Panel for Additional Precautionary Statements.

EPA Registration No. 675-45
EPA EST. No. 777-OH-1

NET CONTENTS ONE GALLON (3.785 LITERS)
NET CONTENTS 5 GALLONS (18.925 LITERS)
NET CONTENTS 55 GALLONS (208.2 LITERS)

NATIONAL LABORATORIES
EHN & FINK PRODUCTS GROUP
MONTVALE, NEW JERSEY 07645

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MAY 15 1990

Panel 2

FOR USE IN INSTITUTIONAL AND INDUSTRIAL FACILITIES

FOR USE IN VETERINARY HOSPITALS AND OTHER ANIMAL FACILITIES

DIRECTIONS FOR USE

Cleaning, disinfecting, and counteracting odors.

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

Prepare a fresh solution daily and change solution frequently if grossly soiled or diluted. Always remove filth and heavy soil prior to use.

FOR CLEANING AND DISINFECTING: Use as follows on surfaces such as counter tops, walls, floors, etc.

- 1. Use 1/2 ounce (1:256) of QUATSYL 256 per gallon of water. (Provides 476 ppm quaternary active ingredients.)
2. Then apply fresh solution to surfaces with cloth mop or spray equipment. (QUATSYL 256 may be used in all types of pressure spraying equipment.) Allow solution to remain on surface for 10 minutes, then remove excess liquid or let it air dry.

MOLD AND MILDEW: For controlling mold and mildew on hard, nonporous, environmental surfaces such as walls, floors, waste cans, counters and equipment. etc.

Clean first, then apply 1/2 ounce (1:256) QUATSYL 256 solution with mop, cloth or sprayer in an amount to moisten surfaces thoroughly. Do not rinse. Repeat application as necessary to maintain control.

KILLS HIV-1 (AIDS Virus) ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care 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 OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

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REGISTERED MAY 15 1990

PERSONAL PROTECTION: When handling items soiled with blood or body fluids, use disposable latex gloves, gowns, masks, or eye coverings.
CLEANING PROCEDURES; Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of Quatsyl 256.
CONTACT TIME: Allow surface to remain wet for 10 minutes.
DISPOSAL OF INFECTIOUS MATERIALS: Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

STORAGE AND DISPOSAL

1 GALLON CONTAINER

STORAGE: Store in original container in areas inaccessible to small children. Keep securely closed. Do not contaminate food or feed.
DISPOSAL: Do not reuse empty container. Rinse thoroughly with water and detergent. Wrap securely and discard in trash.

5 & 55 GALLON CONTAINERS

Do not contaminate water, food, or feed by storage or disposal.
STORAGE: Store in original container in areas inaccessible to small children. Keep securely closed.

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: 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.

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QUATSYL 256

Cleaner Disinfectant

QUATSYL 256 is:

STAPHYLOCIDAL*

PSEUDOMONACIDAL*

**VIRUCIDAL* (against Herpes Simplex Type 1, Influenza A₂ (Hong Kong), Vaccinia and Human Immunodeficiency Virus Type 1 (HIV-1) (AIDS Virus).

FUNGICIDAL* (against pathogenic fungi)

CONTROLS THE GROWTH OF MOLD AND MILDEW*

*On hard, nonporous, environmental surfaces, in the presence of organic soil (5% blood serum).

PASSES AOAC USE DILUTION TEST AT 1:256 (1/2 oz. per gallon) AGAINST:

- Salmonella choleraesuis ATCC 10708
- Salmonella paratyphi ATCC 9281
- Salmonella schottmuelleri ATCC 10719
- Shigella dysenteriae ATCC 11835
- Enterobacter aerogenes ATCC 13048
- Escherichia coli (AMC 198) ATCC 11229
- Proteus vulgaris ATCC 9920
- Pseudomonas aeruginosa ATCC 15442
- Candida albicans ATCC 10231
- Neisseria elongata ATCC 25295
- Serratia marcescens ATCC 8195
- Staphylococcus aureus ATCC 6538
- Streptococcus faecalis ATCC 828
- Streptococcus pyogenes ATCC 12384
- Streptococcus salivarius ATCC 9222
- Corynebacterium diphtheriae ATCC 11913
- Trichophyton mentagrophytes ATCC 9533

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Panel 3 (continued)

**Virucidal against following animal viruses at 1:256 dilution:

- .Avian Laryngotracheitis
- .Influenza A/Swine/1976/31
- .Parainfluenza Type 3, (Bovine)
- .Infectious Bovine Rhinotracheitis
- .Pseudorabies
- .Newcastle Disease Virus
- .Infectious Bronchitis Virus (Beaudette)
- .Bovine Viral Diarrhea
- .Bovine Respiratory Syncytial Virus
- .Porcine Transmissible Gastroenteritis
- .Vesicular Stomatitis (Porcine)
- .Canine Parainfluenza
- .Feline Rhinotracheitis
- .Western Equine Encephalitis
- .Equine Influenza
- .Equine Rhinopneumonitis

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Panel 4

SUGGESTED AREAS OF APPLICATION
FOR QUATSYL 256:

HEALTH CARE FACILITIES: Use a 1/2 ounce (1:256) solution of QUATSYL 256 for floors, walls, furniture, bedframes, and similar hard surfaces. Suitable for critical area disinfection such as O.R. and isolation areas. Suitable for use on conductive floors.

VETERINARY: Use 1/2 ounce (1:256) solution of Quatsyl 256 in animal health care facilities on items such as operating tables, equipment, floors, walls, furniture, waste cans, display cases, washrooms, locker rooms, classrooms, kennels, cages, runs, and similar hard surfaces. Suitable for critical area disinfection such as O.R. and isolation areas. Suitable for use on conductive floors.

FOOD SERVICE AND DIETARY AREAS: Nonfood contact equipment and counters, floors, waste cans.

DAIRIES: Nonfood contact equipment, floors, walls.

FOOD PROCESSING PLANTS: Nonfood contact equipment and display cases, floors, walls, waste cans.

SUPERMARKETS: Nonfood contact equipment and counters, waste cans, floors, walls.

REST FOOD OPERATIONS: Nonfood contact equipment, waste cans, floors, walls.

SCHOOLS: Washrooms, locker rooms, classrooms, nonfood contact equipment, walls, floors.

PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS

KEEP OUT OF REACH OF CHILDREN

DANGER: Corrosive. Harmful if swallowed. Causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Protect eyes and skin when handling. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Remove and wash contaminated clothing before reuse.

STATEMENT OF PRACTICAL TREATMENT:

In case of eye contact, IMMEDIATELY flush eyes thoroughly with water, remove any contact lenses, and continue to flush eyes with plenty of water for at least 15 minutes. Call a physician immediately.

In case of skin contact, immediately wash with soap and water. If irritation persists, consult a physician.

If swallowed, drink promptly a large quantity of water to dilute the product. Get immediate 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.

PHYSICAL HAZARD

Do not use or store near heat or open flame.

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