

303-210

1/31/2000

1/6

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Huntington Professional Products
Service of ECOLAB Inc.
370 N. Wabasha Street
St. Paul, MN 55102

JAN 31 2000

ATTENTION: John G. Wood

SUBJECT: Q-Cide®
EPA Registration Number 303-210
Your Amendment Dated: October 20, 1999
EPA Received Date: November 2, 1999

The amendment referred to above, submitted in connection with registration under FIFRA as amended, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

A. A "Pesticide Storage" statement is required as per PR Notice 83.3. Revise the label to include the following "Pesticide Storage" statement: (also delete the word "Prohibitions" from the "Storage and Disposal" instructions.)

"Pesticide Storage: Store in tightly closed container in a secure area inaccessible to children and away from food or feed."

B. As per Subdivision H: Labeling Guidelines for Pesticide Use Directions for Antimicrobial Products, section 101-3, p.25 (enclosed) your label must include the following directions for use as a fungicide.

"Fungicidal Instructions: Will effectively control the growth of Trichophyton mentagrophytes on hard nonporous shower room floors, locker room benches and bath mats at a dilution of 1:128 with a contact time of 10 minutes. Apply as directed above."

CONCURRENCES

| | | | | | | | |
|---------|----------|--|--|--|--|--|--|
| SYMBOL | 7510C | | | | | | |
| SURNAME | J. Jones | | | | | | |
| DATE | 1/31/00 | | | | | | |

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

C. As per DIS/TSS-15 your label must have separate "Directions for Use" as a cleaner and deodorizer as follows.

"Cleaning and Deodorizing Instructions: Apply solution at a dilution of 1:128 with a cloth, mop, coarse spray device or by soaking. Remove solution with a clean wet mop, cloth or wet vacuum pickup or allow to air dry."

D. Your resubmission includes the site "Barns." Thus your label must include the following set of directions as per DIS/TSS-18. The following label directions are required for farm premises disinfectants to permit their classification as non-food use products:

"Disinfection Directions for use in Barns:

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."*

| CONCURRENCES | | | | | | | |
|--------------|--|--|--|--|--|--|--|
| SYMBOL | | | | | | | |
| SURNAME | | | | | | | |
| DATE | | | | | | | |

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

E. The directions for use in Animal Housing Facilities, Veterinary Clinics and Life Science Laboratories must read as follows.

“Disinfection and Deodorizing of Animal Housing Facilities, Veterinary Clinics and Life Science Laboratories (Kennels, Cages and Hutches): (deleting the abbreviation “etc.” which follows the surfaces “hutches”.)

1. *Remove all animals and feed from premises.*
2. *Remove all litter and manure from floors, walls surfaces and fixtures occupied or traversed by animals.*
3. *Empty all 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 types of equipment used in handling and restraining animals, and scrapers used for removing litter and manure.*
7. *Ventilate buildings and allow surfaces to air dry before reintroducing animals.*
8. *Thoroughly scrub all feeding and watering appliances with soap or detergent, and rinse with potable water before reuse.”*

F. Add the following “Note to Physician.”

“Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.”

G. Add the following to the “Directions for Use” section of the label.

“For use in federally inspected meat and poultry plants on all hard, nonporous surfaces in inedible product processing areas, nonprocessing areas, and/or exterior areas.”

H. Revise the first sentence of the “Use Directions for Disinfecting” to read exactly as follows. Your label must list specific sites and surfaces.

“For use on the following hard, nonporous environmental surfaces: floors, walls, metal surfaces, stainless steel surfaces, glazed ceramic tile, glazed porcelain, and plastic surfaces (polypropylene, polystyrene).”

| | | CONCURRENCES | | | | | | |
|---------|--|--------------|--|--|--|--|--|--|
| SYMBOL | | | | | | | | |
| SURNAME | | | | | | | | |
| DATE | | | | | | | | |

4/6

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

2. Submit two (2) copies of your final printed labeling before you release the product for shipment. A stamped copy of the labeling is enclosed for your records.

Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



Velma Noble
Product Manager (31)
Regulatory Management Branch I
Antimicrobials Division (7510C)

Enclosure
7510C:T. Lantz:1/31/00:303-210c

CONCURRENCES

| | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|
| SYMBOL | | | | | | | | |
| SURNAME | | | | | | | | |
| DATE | | | | | | | | |

5/6

Huntington
brand **DISINFECTANT**

Q-Cide®

Germicidal Detergent

Disinfectant/deodorizer/fungicide/virucide*/detergent

ACTIVE INGREDIENTS:

| | |
|---|----------------|
| Didecyl Dimethyl Ammonium Chloride | 4.61% |
| n-Alkyl (C ₁₄ 50%, C ₁₂ 40%, C ₁₆ 10%) | |
| Dimethyl Benzyl Ammonium Chloride | 3.07% |
| INERT INGREDIENTS | 92.32% |
| TOTAL | 100.00% |

**KEEP OUT OF REACH OF CHILDREN
DANGER**

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

DANGER: Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Harmful if absorbed through skin. Harmful if swallowed. Wear protective clothing, chemical goggles, and rubber gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.
IF ON SKIN: Wash with plenty of soap and water. Get medical attention.
IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, eggwhites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.
FOR EMERGENCY MEDICAL INFORMATION, CALL 1-800-328-0026.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

EPA Reg. No. 303-210
EPA Est. 303-IN-1 (L), 1677-IL-2 (J), 1677-NJ-1 (W),
1677-TX-1 (D), 1677-GA-1 (M), 1677-MN-1 (P),
1677-CA-1 (S), 1677-PR-1 (S), 1677-OH-1 (H).
Superscript refers to first letter of date code.



Net Contents: 5 U.S. gal/18.9 L

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JAN 31 2000

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 303-210

Master File: PPD 5g/11x8.5/paper/dis/whms 732534/89 ink: HWS-54E

61027223

DIRECTIONS FOR USE

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

Use Directions For Disinfecting: For use on hard, nonporous surfaces such as floors, walls, metal surfaces, stainless steel surfaces, glazed ceramic tile, glazed porcelain, and plastic surfaces (such as polypropylene, polystyrene, etc.) and other nonporous environmental surfaces. Not for use on food preparation surfaces, medical devices or medical equipment surfaces. Remove gross filth and heavy soil deposits. Using 1 ounce per gallon of water, thoroughly wet surfaces for a minimum contact time of 10 minutes. Can be applied with a cloth, mop, sponge, coarse spray device or by soaking. The recommended use solution is prepared fresh for each use then discarded. Remove solution and entrapped soil with clean wet mop, cloth or wet vacuum pickup, or allow to air dry. Rinsing is not necessary unless used on floors that are to be waxed or polished.

Disinfection And Deodorizing Of Animal Housing Facilities (Barns, Kennels, Cages, Hutches, Etc.)

Remove animals and feed from facilities. Remove litter, waste matter and gross soils. Empty all troughs, rack and other feeding and watering equipment. Disinfect surfaces as described under Directions For Disinfecting. Ventilate buildings and other closed spaces. Allow to air dry before reintroducing animals.

Mildewstatic Instructions: Will effectively control the growth of mold and mildew plus the odors caused by them when applied to hard, non-porous surfaces such as walls, floors, and table tops. Apply solution (1 ounce per gallon of water) with a cloth, mop, sponge, or coarse spray. Make sure to wet all surfaces completely. Let air dry. Repeat application weekly or when growth appears.

***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/body fluids, and in which the surfaces/objects likely to be soiled with blood/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 blood/body fluids and during decontamination procedures.

Cleaning Procedure: Blood/body fluids must be thoroughly cleaned from surfaces/objects before application of disinfectant.

Contact Time: HIV-1 (AIDS virus) is inactivated after a contact time of 4 minutes at 25°C (room temperature). Use a 10-minute contact time for other viruses, fungi, and bacteria listed.

Disposal of Infectious Materials: Blood/body fluids should be autoclaved and disposed of according to federal, state, and local regulations for infectious waste disposal.

Q-Cide is a multi-purpose germicidal detergent and deodorant effective when diluted 1:128 in up to 400 ppm hard water (calculated as CaCO₂) plus 5% organic serum according to the AOAC Use-dilution and virucidal qualification tests. Disinfects, cleans and deodorizes in one labor saving step. Recommended for use in hospitals, nursing homes, schools and colleges, veterinary clinics and animal life science laboratories, federally inspected meat and poultry establishments and breeding establishments. Effective against the following pathogens on hard, non-porous, inanimate surfaces when diluted 1:128 (1 ounce to 1 gallon): Bactericidal against: *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Salmonella choleraesuis*, *Acinetobacter calcoaceticus*, *Bordetella bronchiseptica*, *Chlamydia psittaci*, *Enterobacter aerogenes*, *Enterobacter cloacae*, *Escherichia coli*, *Fusobacterium necrophorum*, *Klebsiella pneumoniae*, *Legionella pneumophila*, *Listeria monocytogenes*, *Pasteurella multocida*, *Proteus mirabilis*, *Proteus vulgaris*, *Salmonella enteritidis*, *Salmonella typhi*, *Salmonella typhimurium*, *Serratia marcescens*, *Shigella flexneri*, *Shigella sonnei*, *Staphylococcus aureus* (methicillin resistant), *Staphylococcus epidermidis*, *Streptococcus faecalis*, *Streptococcus pyogenes*, *Enterococcus faecalis* (Vancomycin Resistant), *Staphylococcus aureus* (Vancomycin Resistant). Virucidal against: *Adenovirus type 4, *Canine distemper, *Feline leukemia, *Feline picornavirus, *Herpes simplex type 1, *Herpes simplex type 2, *HIV-1 (AIDS virus), *Infectious bovine rhinotracheitis, *Infectious bronchitis (Avian IBV), *Influenza A/Hong Kong, *Pseudorabies, *Rabies, *Respiratory syncytial virus (RSV), *Rubella (German Measles), *Transmissible gastroenteritis virus (TGE), *Vaccinia.

Fungicidal against: *Aspergillus niger*, *Candida albicans*, *Trichophyton mentagrophytes*.

ATCC & antibiotic-resistant strain, antibiotic-resistant strain only.

DILUTION: 1 TO 128 (1 ounce per gallon of water)

STORAGE AND DISPOSAL

Prohibitions: Do not contaminate water, food or feed by storage or disposal.

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 incinerate, or, if allowed by state and local authorities, burn. If burned, stay out of smoke.



00025469672230

Huntington Professional Products
A Service of Ecolab Inc.
370 Wabasha Street N.
St. Paul, MN 55102

© 1999 Ecolab Inc. Made in U.S.A.
All Rights Reserved 732534/8901/0899

732534/89 ink: PMS 5483 green/gray, 3258 green and black paper: 70# litho

ACCEPTED
with COMMENTS
in EPA Letter Dated:
JAN 31 2000

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 303-210