

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Cristina Griffin
Agent for U.S. Chemical
U.S. Chemical Corporation
c/o Delta Analytical Corporation
7910 Woodmont Avenue
Suite 1000
Bethesda, MD 20814

APR 15 2002

Subject: Amendment per FIFRA
Q-Cide
EPA Registration No. 4462-58
Application Dated: December 20, 2001

Dear Ms. Cristina Griffin:

The following amendment, submitted in connection with registration under Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable with the following comments.

Proposed Amendment

- Update First Aid Statements per PR Notice 2001-1
- Update other minor label changes

Label Comments

Revise the First Aid Statements to include:

1. If On Skin or Clothing:
 - Take off contaminated clothing.
 - Rinse skin immediately with plenty of water for 15 - 20 minutes.
2. If Inhaled:
 - Move person to fresh air.
 - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.

CONCURRENCES

SYMBOL	4462-58						
SURNAME							

Update the Precautionary Statements to read:

"DANGER: Keep out of reach of children. Corrosive. Causes irreversible eye damage and skin burns. May be fatal if absorbed through the skin. Harmful if swallowed. Harmful if inhaled. Avoid breathing spray mist. Do not get in eyes, on skin or on clothing . Wear goggles or face shield and rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse."

Should you have any questions concerning this letter, please contact me at 703-308-6233.

Sincerely,



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

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Q-CIDE

**Disinfectant-Sanitizer-Fungicide-Virucide-Deodorizer
with Organic Soil Tolerance for Hospital, Institutional,
Industrial, School, Dairy and Other Farm Use**

ACTIVE INGREDIENTS

Octyl decyl dimethyl ammonium chloride	2.25%
Didecyl dimethyl ammonium chloride	1.35%
Dioctyl dimethyl ammonium chloride	0.90%
Alkyl (C ₁₄ 50%, C ₁₂ 40%, C ₁₀ 10%) dimethyl benzyl ammonium chloride	3.00%
OTHER INGREDIENTS	92.50%
TOTAL	100.00%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

FIRST AID	
Call Poison Control Center or doctor immediately for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
If in Eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
If Swallowed	<ul style="list-style-type: none"> • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.	
For Medical Emergency ONLY call (24 hour) Emergency Response Number: 1-800-851-7145 ext. 075	

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

Manufactured by US Chemical Corporation
Brookfield, WI 53045

For Product Information, contact your local distributor

NET CONTENTS: 1 U.S. GALLON (3.79 Liters/Gal.)

EPA Registration No. 4462-58

EPA Establishment No. 7546-CA-1

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ACCEPTED
with COMMENTS
in EPA Letter Dated:

APR 15 2002

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 4462-58

4/9/02

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Precautionary Statements

Hazards to Humans and Domestic Animals

DANGER: Keep out of reach of children. Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed. Do not breathe spray mist. Avoid contamination of food.

[In accordance with PR notice 95-1, the Environmental Hazards language only is required for sizes 5 gallons and over]

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.

DIRECTIONS FOR USE

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

Apply this product with a cloth, mop or mechanical spray device. When applied with a mechanical spray device, surface must be sprayed until thoroughly wetted. Treated surfaces must remain wet for 10 minutes. Fresh solution should be prepared daily or more frequently if the use solution becomes visibly dirty.

Sanitizing of Food Processing Equipment and Other Hard Surfaces in Food Contact Locations. For sanitizing food processing equipment, dairy equipment, food utensil, dishes, silverware, glasses, sink tops, countertops, refrigerated storage and display equipment and other hard non-porous surfaces. **No Potable water rinse is required.**

Wash and rinse all articles thoroughly, then apply a solution of 1 oz. of this product in 4 gallons of water (150 ppm active). Surfaces should remain wet for at least one minute. Fresh solution should be prepared daily or when use solution becomes visibly dirty. For mechanical application, use solution may not be reused for sanitizing applications.

Apply to sink tops, countertops, refrigerated storage and display equipment and other stationary hard surfaces by cloth or brush or mechanical spray devise. **No Potable water rinse is required.**

Dishes, silverware, glasses, cooking utensils and other similar size food processing equipment can be sanitized by immersion in a 1 oz./4 gallon solution of this product. **No Potable water rinse is required.**

At 1 oz./4 gallons, this product fulfills the criteria of Appendix F of the Grade "A" Pasteurized Milk Ordinance 1978 Recommendations of the U.S. Public Health Services in waters up to 800 ppm of hardness calculated as CaCO₃. when evaluated by the AOAC Germicidal and Detergent Sanitizer Method against Escherichia coli and Staphylococcus aureus.

The udders, flanks and teats of dairy cows can be sanitized by washing with a solution of 1 oz. of this product in 4 gallons of warm water. **No Potable water rinse is required.** Use a fresh towel for each cow. Avoid contamination of sanitizing solution by dirt and soil. Do not dip used towel back into sanitizing solution. When solution becomes visibly dirty, discard and provide fresh solution.

Disinfection in Hospitals, Nursing Homes and Other Health Care Institutions. For disinfecting floors, walls, counter tops, bathing areas, lavatories, bedframes, tables, chairs, garbage pails and other hard non-porous surfaces.

Add 3.5 oz. of this product to 4.5 gallons water. Apply to previously cleaned hard surfaces. At this use level, this product is effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella choleraesius* in the presence of 5% blood serum when evaluated by the AOAC Use-Dilution test.

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to preclean or decontaminate critical or semi-critical or semi-critical medical devices prior to sterilization or high-level disinfection.

Virucidal Performance. At a 3.5 oz./4.5 gallon use level, this product was evaluated in the presence of 5% serum and found to be effective against the following viruses: Herpes Simplex, Vaccine, and Influenza A₂ (Hong Kong) on inanimate environmental surfaces.

Disinfection in Institutions, Industry and Schools. Add 2 oz. of this product to 4.5 gallons of water.

Fungicidal Performances. At 0.5 oz. to 2.25 gallons of water use level, this product is an effective fungicide against *Trichophyton mentaprophytes* (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities, utilizing the AOAC Fungicidal Test.

Disinfection of Barber Tools. Precleaned barber/beauty tools (such as combs, brushes, razors, and scissors) can be disinfected by immersing in a 0.5 oz./gallon solution of this product.

Disinfection of Poultry Equipment, Animal Quarters and Kennels. Poultry brooders, watering founts, feeding equipment and other animal quarters (such as stalls and kennel areas) can be disinfected after thoroughly cleaning by applying a solution of 2 oz. of this product to 4.5 gallons of water. Small utensils should be immersed in this solution. Prior to disinfection, all poultry, other animals and their feeds must be removed from the premises. This includes emptying all trough, racks and other feeding and watering appliances. Remove all litter and droppings from floors, walls and other surfaces occupied or traversed by poultry or other animals.

After disinfection, ventilate buildings, coops and other closed spaces. Do not house poultry, or other animals or employ equipment until treatment has been absorbed, set or dried.

All treated equipment that will contact feed or drinking water must be rinsed with potable water before use.

STORAGE AND DISPOSAL

- DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL
- OPEN DUMPING IS PROHIBITED
- DO NOT REUSE EMPTY CONTAINER

PESTICIDE DISPOSAL - Pesticide spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved State procedures under Subtitle C of the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL - Triple rinse (or equivalent) then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by incineration if allowed by state and local authorities.

GENERAL - Consult Federal, State or Local disposal authorities for approved alternative procedures.