

NOV 16 1988

Gar Laboratories, Inc.
8178 Mar Vista Court
Riverside, CA 92504

Attention: Gino Forlin

Gentlemen:

Subject: Disfecticide
EPA Registration No. 44673-1
Your Application Dated January 22, 1987
EPA Received Date January 30, 1987

The amendment referred to above, submitted in connection with the Label Improvement Program Notice for Antimicrobial Products Used as Food Contact Surface Sanitizers, 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 the statement "For Sale For Use and Storage By Maintenance Personnel Only."
 - b. Delete the word "milk."
 - c. Delete the entire sanitization section.
 - d. Delete the "General Classification" heading.
 - e. Delete the word "sanitizer" from the label.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

50334:I/C:Leavy:LL-12:KENCO:11/04/88:12/20/88:CT:EK:DD

CONCURRENCES

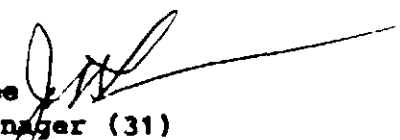
| SYMBOL | | | | | | | |
|---------|--|--|--|--|--|--|--|
| SURNAME | | | | | | | |
| DATE | | | | | | | |

If these conditions are not complied with, the registration will be subject to cancellation in accordance with section 6(e) of the Federal Insecticide, Fungicide, and Rodenticide Act. Your release for shipment of the product constitutes acceptance of these conditions.

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

If you have any questions about this letter, please contact Karen Leavy at (703) 557-3966.

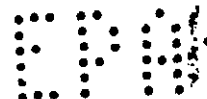
Sincerely yours,

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

Enclosure

Reg no: 44673-1

PM-31



DISFECTICIDE

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

**For Use on All Hard Surfaces
by Maintenance Personnel
Only**

Active Ingredients

| | |
|---|--------|
| Octyl decyl dimethyl ammonium chloride | 2.250% |
| Dodecyl dimethyl ammonium chloride | 1.125% |
| Dioctyl dimethyl ammonium chloride | 1.125% |
| Alkyl (C ₁₂ , 50%, C ₁₀ , 40%, C ₁₆ , 10%) dimethylbenzyl ammonium chloride | 3.000% |

| | |
|-------------------|----------|
| Inert Ingredients | 92.500% |
| | 100.000% |

**KEEP OUT OF REACH
OF CHILDREN**

DANGER

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. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of 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 convulsion may be needed.

**SEE LEFT PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS**

EPA Registration No. 44673-1
EPA Establishment No. 44673-CA-01
Net Contents 16 oz.

**MANUFACTURED BY:
GAR LABORATORIES, INC.
8178 Mar Vista Crt., Riverside, CA 92504**

Directions for Use

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

Apply Disfecticide with a cloth, mop, or mechanical device. When applied with a mechanical spray device, the surface must be sprayed until thoroughly wet. Surfaces must remain wet for 10 minutes. Solution should be prepared daily or when the solution becomes visibly dirty.

Disinfection in Hospitals, Nursing Homes, Health Care Institutions. For disinfecting countertops, bathing areas, lavatories, toilet stalls, chairs, garbage pails and other non-porous surfaces. Add 3.5 oz. Disfecticide to 4.5 gallons of previously cleaned hard surfaces. Disfecticide is effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Clostridium* in the presence of 5% blood. Evaluated by the AOAC Use-Dilution test.

***Virucidal Performance.** At a 3.5 oz./4.5 gal. Disfecticide was evaluated in the presence of simulant and found to be effective against the virus, measles, Vaccinia, and Influenza A₁ (Hong Kong) simulant environmental surfaces.

Disinfection in Institutions, Industry and Schools. Add 3.5 oz. of Disfecticide to 4.5 gallons of water.

Fungicidal Performance. At 0.5 oz. to 2 gallons use level, Disfecticide is an effective fungicide against *Trichophyton mentagrophytes* (the fungus) when used on surfaces in areas of rooms, dressing rooms, shower and bath facilities, using the AOAC Fungicidal Test.

Disinfection of Barber Tools. Preheated (such as combs, brushes, razors) and soiled Disfecticide by immersing in a 0.5 oz./gal. Disfecticide.

Disinfection of Poultry Equipment, Animals, Kennels. Poultry brooders, watering equipment and other animal quarters (such as kennel areas) can be disinfected after thorough cleaning by applying a solution of 2 oz. Disfecticide to 2 gallons of water. Small utensils should be immersed. Prior to disinfection, all poultry, other animals and feeds must be removed from the premises including all troughs, racks and other feeding appliances. Remove all litter and droppings, walls and other surfaces occupied or traveled by other animals.

After disinfection, ventilate buildings, open closed spaces. Do not house poultry, or employ equipment until treatment has been completed or dried.

All treated equipment that will contact the water must be rinsed with potable water before use.

Sanitizing of Food Processing Equipment and Other Hard Surfaces in Food Contact Locations. For sanitizing food processing equipment, dairy equipment, food utensils, dishes, silverware, glasses, sink tops, countertops, refrigerated storage and display equipment, and other hard non-porous surfaces. A potable water rinse is required.

Wash and rinse all articles thoroughly, then apply a solution of 1 oz. Disfecticide in 4 gallons of water (1:50 ppm active). Surfaces should remain wet for at least one minute. Fresh solution should be prepared daily or when 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 device. A 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 Disfecticide. A potable water rinse is required.

At 1 oz./4 gallons Disfecticide fulfills the criteria of Appendix F of the Grade "A" Pasteurized Milk Ordinance, 1970 Recommendations of the U.S. Public Health Service in waters up to 500 ppm of hardness calculated as CaCO₃ when evaluated by the AOAC Germicide and Detergent Sanitizer Method against *Escherichia coli* and *Staphylococcus aureus*.

The udder's, hands and teats of dairy cows can be sanitized by washing with a solution of 1 oz. Disfecticide in 4 gallons of warm water. A 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.

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 clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed. Do not breathe spray mist. Avoid contamination of food.

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 WASTES ARE ACUTELY HAZARDOUS. IMPROPER DISPOSAL OF EXCESS PESTICIDE, SPRAY MIXTURE, OR RINSE 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 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.

PKUL

- Approved
- Approved with revisions
- Submit revised proof

Signature

Date

Trend Batters

BEST AVAILABLE COPY