

JAN 31 1989

Oakile Products, Inc.
50 Valley Road
Berkeley Heights, NJ 07922

Attention: John M. Flood

Gentlemen:

Subject: Oakile Sanitizer 1
EPA Registration No. 1020-1
Your Amended Application Dated October 26, 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. Revise your disposal statement to read:

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

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.

50225:I:DeLaney:L-15:KENCO:12/13/88:01/26/89:CT:EK:aw

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

CONTAINER DISPOSAL

(For metal containers)

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

(For plastic containers)

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities, by burning. If burned, stay out of smoke.

- b. Revise the Environmental Hazards statement to read:

Environmental Hazards

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

- c. Revise the statement "Practical Treatment First Aid" to read "Statement of Practical Treatment."
- d. Delete the service person statement in the center panel.
- e. The signal word "DANGER" must be placed directly below the child hazard warning statement (center panel only).
- f. Include the 1 minute contact time for the sanitization section.
- g. Delete the "Physical and Chemical Hazards" section. These are inappropriate statements. Refer to Title 40 of the Code of Federal Regulations for the appropriate statements.
- h. Delete the word "milk."

1. Revise the referral statement to read:

See side panel for additional precautionary statements.

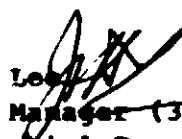
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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

If you have any questions concerning this letter, please contact Martha DeLaney at (703) 557-6982.

Sincerely yours,


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

Enclosure

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 31 1989

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

1020-1

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

DANGER!

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. Remove and wash contaminated clothing before reuse. Avoid contamination of food.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge into lakes, streams, ponds or public waters unless in accordance with an NPDES permit. For guidance contact your regional office of EPA.

PHYSICAL AND CHEMICAL HAZARDS

Inhalation of mist may cause severe respiratory irritation. Do not get in eyes, on skin or on clothing. Causes eye damage and skin irritation. Harmful if swallowed. Avoid contamination of food.

CODE
NO. 5080

LOT
NO.

**OAKITE.
SANITIZER 1**

EPA REG. NO. 1020-1 EPA EST. 1020-NJ-1

**QUATERNARY AMMONIUM TYPE
GERMICIDE-DISINFECTANT**

Active Ingredients: Alkyl (60% C₁₂, 30% C₁₄, 5% C₁₆, 5% C₁₂)
Dimethyl Benzyl Ammonium Chloride 20%
Inert Ingredients 80%
100%

OAKITE

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Keep product in tightly closed container when not in use. Store at moderate temperatures in a well ventilated area. Do not add this product to chlorine releasing materials. Pesticide wastes are toxic. 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. Triple rinse container (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. Do not contaminate water, food, or feed by storage or disposal.

NET:

**DANGER! KEEP OUT OF REACH OF CHILDREN
Practical Treatment First Aid**

If **SWALLOWED**: Drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

If on **SKIN**: Immediately flush skin with plenty of water for at least 15 minutes. Remove and wash contaminated clothing before reuse.

If in **EYES**: Immediately flush eyes with plenty of water for at least 15 minutes. For eyes, call a 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.

**SEE ADDITIONAL PRECAUTIONS ON SIDE PANEL
ONLY FOR SALE TO, USE, AND STORAGE BY
SERVICE PERSON.**

DIRECTIONS FOR USE (Continued)

DIRECTIONS: Thoroughly clean and rinse all surfaces before applying this solution for sanitizing or germicide. Prepare a fresh solution daily or when use solution is visibly dirty.

GENERAL DISINFECTION: For walls, floors, and other hard nonporous inanimate surfaces. After cleaning, apply Oakite Sanitizer 1 by mop, brush or by spray. Treated surfaces must remain wet for 10 minutes. Prepare solution by adding 1 fluid ounce of Oakite Sanitizer 1 to 4 gallons of water. May be used in cold, warm and hot water. Disinfect with warm or hot water.

RESTAURANTS, LUNCHEON COUNTERS AND CATERING: Sanitize glasses, dishes, utensils. Destroys producing bacteria. After proper cleaning, apply Oakite Sanitizer 1 (1/2 fluid ounce per 4 gallons of water). Allow to drain thoroughly before reuse.

DAIRY FARMS, MILK PLANTS: For sanitizing milking equipment, rubber parts, pails, strainers, separators, and coolers, pasteurizing equipment, etc. After proper cleaning, sanitize with solution of Oakite Sanitizer 1 by circulating, flooding or spraying. When spraying, concentration of 1/4 fluid oz. at 2 gallons of water. Circulating or flooding, make up solution at 1/2 fluid oz. per gallon of water, which approximates 200 ppm.

Sanitizing, Mold Control: For general sanitizing, food and bottling plants a solution of 1 fluid oz. to 4 gallons of water is applied by spraying to previously cleaned surfaces until they are wet. Solution will control mold and yeast growth on surfaces such as metal or tile, as well as on partitions. Application should be repeated every 2 to 3 days depending on the severity of the mold.

ALGAE: To control algae in previously cleaned water systems, apply an initial slug addition of 1 fluid oz. at the rate of 13-26 fluid oz. per 1000 gals. system (20-40 ppm active ingredient). Subsequent applications of 4-8 ozs. of Oakite Sanitizer 1 per 1000 gals. (6-12 ppm) should be applied every 2 to 5 days depending on the volume of bleed off and the algae problem. Additions should be introduced at the sump of the water cooling tower.

SANITIZING FOOD EGGS: To sanitize previously washed grade eggs in shell egg and egg product processing spray with 1 1/4 ounce Oakite Sanitizer 1 in 10 gals. (200 ppm active). The solution should be washed off, but not to exceed 130°F. Wet eggs thoroughly. Eggs sanitized with this product shall be potable water rinse only if they are to be immune for use in the manufacture of egg products. Eggs should be reasonably dry before casing or breaking. The solution should not be used for sanitizing eggs.

This product fulfills the criteria of Appendix F of Pasteurized Milk Ordinance 1965 Recommendation of U.S. Public Health Service in waters up to 550 mg/l. hardness calculated as CaCO₃ when tested by the Microbial and Detergent Sanitizers Official Method.

Manufactured by OAKITE PRODUCTS INC. 50 VALLEY ROAD
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