

28 JUN 1988

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

Attention: John M. Flood

Gentlemen:

Subject: OAKITE BACTERICIDE
EPA Registration No. 1020-5
Your Submission Dated August 27, 1987

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable subject to the comments listed below. Five (5) copies of the finished labeling must be submitted.

1. Delete the statement "Only For Sale To, Use, and Storage by Servicepersons."
2. Under Immersion, For Rinsing heading, all equipment must be sanitized in a 200 parts per million solution.
3. For shell egg sanitizing, temperature must not exceed 130 °F.
4. Under First Aid add "If swallowed, drink large quantities of water."

See enclosed revised label.

Sincerely yours,



Jeff Kempter
Product Manager (32)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure

60783:I:Pringle:LK-7:KENCO:06/15/88:07/27/88:DD:EK:VO:AM

CONCURRENCES

SYMBOL	TS-767C						
SURNAME	Pringle						
DATE	6/28						

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 28 1988

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

DIRECTIONS FOR USE (Continued)

APPLY TO CLEAN SURFACE: For maximum effectiveness, the surface to be sanitized should first be cleaned to permit direct contact between the Oakite Bactericide solution and bacteria or other organisms.

FOR SANITIZING IN FOOD PLANTS: For use on dairy farms, in plants processing milk, cream, ice cream, cheese, producing baked goods, handling meats and in bottling and beverage plants, apply Oakite Bactericide solutions prior to contact of equipment by foods.

CIRCULATION: Circulate a 200 ppm available chlorine solution through equipment, pipelines, etc., following cleaning. Circulate for 3 to 5 minutes. Do not allow solution strength to drop below 50 ppm available chlorine. Permit equipment to drain before use.

IMMERSION: For sanitizing utensils by immersion, use a 100 ppm available chlorine solution. Allow to soak for 3 to 5 minutes (discard solution when it drops to 50 ppm available chlorine). Remove, drain, and permit to dry.

SPRAYING: For sanitizing large equipment by spray application, use 200 ppm of available chlorine and permit contact for at least 1 to 5 minutes. Allow to drain.

NOTE: In bottling and beverage plants where chlorine residual may affect color or flavor of product, surfaces must be adequately drained before using equipment.

FOR RINSING: As a chlorine rinse, (in mechanical bottle-washing equipment for example) use a 100 ppm available chlorine solution of Oakite Bactericide.

FRUITS AND VEGETABLES: Use as post-harvest treatment for control of bacterial rots and decay. Wash for 2 minutes in a 25 ppm available chlorine solution. Follow with a potable water rinse.

For fruit and vegetable wash use 200 ppm to 1000 ppm of available chlorine. Follow with a potable water rinse.

Authorized by USDA for use in federally inspected meat and poultry plants.

In federally inspected Meat and Poultry Plants use of this product must be followed by a thorough potable water rinse.

For shell egg destaining use 200 ppm to 900 ppm of available chlorine at temperatures not exceeding 49°C (120°F). Follow with a potable water rinse.

For shell egg sanitizing use up to 200 ppm of available chlorine at temperatures not exceeding 49°C (120°F). At this level less than 200 ppm, no potable water rinse is required.

FOR DISINFECTING IN HOSPITALS, INSTITUTIONS, ETC.: Before disinfecting, clean all non-porous surfaces to remove organic matter. Apply 1000 ppm available chlorine solution of Oakite Bactericide by mop, brush, or by flooding areas to be treated. Permit contact for 1 to 5 minutes. If used on food contact surfaces, the surface must be adequately drained before contact with food.

200

200

130°F

2/2

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

DANGER!

Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Irritating to nose and throat. Avoid breathing dust. Remove and wash contaminated clothing before reuse.

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

Strong oxidizing agent. Mix only with water. Use clean, dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases and possible generation of fire explosion. In case of contamination or decomposition do not reseal container. If possible isolate container in open air or well ventilated area. Flood with large volume of water if necessary.

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 this product dry in a tightly closed container, when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. In case of decomposition, isolate container (if possible) and flood area with large amounts of water to dissolve all materials before discarding this container. Do not reuse empty container but place in trash collection. Do not contaminate food or feed by storage or disposal, or cleaning of equipment.

The following table shows the amount of Oakite Bactericide to mix with water to give the recommended ppm concentration of hypochlorite solution:

Concentration of Solution desired (Content of available chlorine)	Amount of Oakite Bactericide in 10 U.S. Gallons
25 parts per million	3/8 ounce
100 parts per million	1 1/2 ounces
200 parts per million	3 ounces
1000 parts per million	15 ounces

CODE
NO. 3240

LOT
NO.

**OAKITE
BACTERICIDE**

EPA REG. NO. 1020-5 EPA. Est. 1020-NJ-1

**AN IMPROVED BACTERICIDE, GERMICIDE
DISINFECTANT AND DEODORANT**

Active Ingredient: Calcium Hypochlorite 9.0%
(Available Chlorine 9.0%)

Inert Ingredients: 91.0%
100.0%



687

NET:

DANGER! KEEP OUT OF REACH OF CHILDREN
Practical Treatment **FIRST AID**

If **SWALLOWED:** Feed bread soaked in milk followed by olive oil or cooking oil. Call a physician immediately.

If on **SKIN:** Brush off excess chemical and flush skin with cold water for at least 15 minutes. If irritation persists get medical attention.

If in **EYES:** Flush with cold water for at least 15 minutes. Get medical attention.

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

Manufactured by: OAKITE PRODUCTS, INC., 50 VALLEY ROAD,
BERKELEY HEIGHTS, N.J. 07922
OAKITE PRODUCTS OF CANADA, LTD., BRAMALEA, ONT. L6T 1B7
Offices and Warehouses in Principal cities: Metuchen, N.J.;
City of Industry, Cal.; Houston, Tex.; Romulus, Mich.; Bramalea, Ont.