

**ACCEPTED**  
**APR 26 1977**  
 Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act,  
 as amended for the pesticide  
 EPA Reg. No. 1020-1  
 registered under 1020-1

# Sanitizer 1

EPA Reg. No. 1020-1

EPA Est. 1020-NJ-1

## QUATERNARY AMMONIUM TYPE GERMICIDE-DISINFECTANT

**Active Ingredients:** Alkyl (60% C<sub>14</sub>, 30% C<sub>16</sub>, 5% C<sub>18</sub>, 5% C<sub>12</sub>)  
 Dimethyl Benzyl Ammonium Chloride\* . . . 20%  
**Inert Ingredients:** ..... 80%  
 100%

\* Equivalent Weight Approximately 380  
 Phenol Coefficient—S. Aureus 133.3  
 S. Typhosa 73.7

### 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 or fatal if swallowed. Avoid contamination of food.

**FIRST AID:** 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 milk, 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.

Do not reuse container. Destroy when empty.

This product is toxic to fish. Treated effluent should not be discharged where it will drain into lakes, streams or ponds.

**20 GALLONS/76 LITERS**

1021-1

PM3

## HOW IT WORKS

Oakite Sanitizer 1 provides rapid, potent disinfectant action. It is recommended for use in restaurants, luncheon counters, dairies, food-handling and processing establishments of all kinds. It is generally used as a rinse, following proper cleaning.

Oakite Sanitizer 1 may be used with compatible alkaline builders and sequestering agents. In all applications, an exposure period of at least 2 minutes should be maintained. The temperature of the solution should be at least 76°F and the pH 6.0 or higher.

For sanitizing, clean and rinse all surfaces thoroughly before using Oakite Sanitizer 1 in recommended dilutions.

Oakite Sanitizer 1 does not require a potable water rinse, in accordance with the Federal Food Additive Regulation 121.2547 when 200 ppm of active ingredient (½ fluid ounce per 4 gallons of water) are used and allowed to drain thoroughly.

**ADVANTAGES:** Oakite Sanitizer 1, in recommended concentrations, is:

1. Stable for long periods
2. Not decomposed by heat
3. Practically odorless and tasteless
4. Safe on rubber surfaces, non-corrosive to metals
5. Economical to use
6. Non-staining and does not bleach or discolor dyed fabrics.

## HOW TO USE IT

**DIRECTIONS:** Thoroughly clean and rinse all surfaces before applying this solution for sanitizing or germicidal treatment.

**GENERAL DISINFECTION:** For walls, floors, equipment, other surfaces. After proper cleaning, apply Oakite Sanitizer 1 by mop, brush or by flooding areas to be treated. Prepare solution by adding 1 fluid ounce (about 2 tablespoonsful) of Oakite Sanitizer 1 to 4 gal. water. May be used in cold, warm and hot water. Disinfection more rapid with warm or hot water.

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After proper cleaning, apply solution of Oakite Sanitizer 1 (½ fluid ounce per 4 gallons of water). Allow to drain thoroughly before reuse.

**DAIRY FARMS, MILK PLANTS:** For sanitizing milking machines and rubber parts, pails, strainers, separators, sanitary piping, coolers, pasteurizing equipment, etc. After proper cleaning of equipment, sanitize with solution of Oakite Sanitizer 1. Apply by circulating, flooding or spraying. When spraying use concentration of ¼ fluid oz at 2 gal water. When circulating or flooding, make up solution at ½ fluid oz to 4 gal water, which approximates 200 ppm (1 to 5000).

**Note 1:** Do not use with soap or anionic detergents.

**Note 2:** All treated surfaces in contact with food should receive a final rinse with water of drinkable quality whenever more than 200 ppm are used.

**SANITIZING, MOLD CONTROL:** For general sanitizing in bakeries, food and bottling plants, a solution containing ½ fluid oz to 4 gals of water is applied by spraying or wiping to previously cleaned surfaces until they are moist. Residual solution will control mold and yeast growth on hard, smooth surfaces such as metal or tile, as well as on painted walls and ceilings. Application should be repeated every 7 days or as necessary depending on the severity of the mold program.

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

This product fulfills the criteria of Appendix F of the Grade "A" Pasteurized Milk Ordinance 1965 Recommendations of the U.S. Public Health Service in waters up to 550 ppm of hardness calculated as CaCO<sub>3</sub>, when tested by the A.O.A.C. Germicidal and Detergent Sanitizers-Official Method.