

**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, bottles, 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. **MARKASIDE** in 4 gallons of water (150ppm active). Surfaces should remain wet for at least one minute followed by adequate draining and air drying. 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 one tops, countertops, refrigerated storage and display equipment and other stationary hard surfaces by cloth or brush or mechanical spray device. **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 **MARKASIDE**. **No Potable water rinse is required.**

At 1 oz./4 gallons **MARKASIDE** fulfills the criteria of Appendix F of the Grade "A" Pasteurized Milk Ordinances, 1978 Recommendations of the U.S. Public Health Service in waters up to 800 ppm of hardness calculated as CaCO<sub>3</sub>, when evaluated by the AOAC Germicidal and Detergent Sanitizer Method against *Escherichia coli* and *Staphylococcus aureus*.

The udders, teats and teats of dairy cows can be sanitized by washing with a solution of 1 oz. **MARKASIDE** 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 towels 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 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.

**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 PROCURES

**BEST DOCUMENT AVAILABLE**

**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	2.250%
Didecyl dimethyl ammonium chloride	1.125%
Diocetyl dimethyl ammonium chloride	1.125%
Alkyl (C <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>10</sub> , 10%) dimethyl benzyl 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 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.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

**EPA Registration No.**

**EPA Establishment No.**

**Net Contents**

MANUFACTURED BY:

EMERSON LABORATORIES, INC.  
1000 CENTRAL EXPRESS ROAD, ST. LOUIS, MO 63101

**For Sale For Use And Storage  
By Maintenance Personnel Only**

**Directions for Use**

**GENERAL CLASSIFICATION**

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

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

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

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

**\*Virucidal Performance.** At a 3.5 oz./4.5 gal. use level, **MARKASIDE** was evaluated in the presence of 5% serum and found to be effective against the following viruses: Herpes simplex, Vaccinia, and Influenza A<sub>1</sub> (Hong Kong) on inanimate environmental surfaces.

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

**Fungicidal Performance.** At 0.5 oz. to 2.25 gallons of water use level, **MARKASIDE** is an effective fungicide against *Trichophyton mentagrophytes* (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.** Pre-cleaned barber tools (such as combs, brushes, razors and scissors) can be disinfected by immersing in a 0.5 oz./gallon solution of **MARKASIDE**.

**Disinfection of Poultry Equipment, Animal Quarters and Kennels.** Poultry brooders, watering fountains, feeding equipment and other animal quarters (such as stalls and kennel areas) can be disinfected after thorough cleaning by applying a solution of 2 oz. **MARKASIDE** 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 troughs, 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 reuse.

ENVIRONMENTAL PROTECTION AGENCY NOTICE - PESTICIDE	29 MAR 1971
NAME OF PESTICIDE:	
<b>NOTE:</b> Changes in the name of the pesticide must be reported to the Agency. Changes in the name of the pesticide must be reported to the Agency in the registration file of the pesticide. In the event of a change in the product name, the U.S. EPA registration number.	
On the basis of information furnished by the registrant, the following pesticide is hereby Registered/Re-registered under the Federal Insecticide, Fungicide, and Rodenticide Act.	
A copy of the labeling accepted in connection with this Registration/Re-registration is returned herewith.	
Registration is in no way to be construed as an endorsement or approval of the product by this Agency. In order to protect health and the environment, the Administrator, in his discretion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under the Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.	
<input type="checkbox"/> ATTACHMENT 201-1-1	
SIGNATURE OF APPROVING OFFICIAL	DATE

At least five (5) copies of your final printed label must be submitted to the Division of Pesticide Registration, U.S. Environmental Protection Agency, Washington, D.C. 20460. The label must include the following information:

If these conditions are not complied with, the registration will be subject to cancellation in accordance with 40 CFR sec. 156(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

*John D. Lee*  
John D. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (TS-767C)

ENCLOSURE

File: 31-049307-07 (at 15) (TS-767C) 220180-4913/21784:0614/10/84