

Precautionary Statements  
Hazards to Humans and domestic animals



ILLINOIS CORRECTIONAL INDUSTRIES

# GERMIQUAT

Disinfectant-Sanitizer Fungicide-Deodorizer

with Organic Soil Tolerance for Hospital, Institutional  
Industrial, School, Dairy and Other Farm Use

## 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 this product. 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 OR RINSATE THAT CANNOT BE USED OR CHEMICALLY REPROCESSED SHOULD BE DISPOSED OF IN A LANDFILL APPROVED FOR PESTICIDES OR BURIED IN A SAFE PLACE AWAY FROM WATER SUPPLIES.

## CONTAINER DISPOSAL

TRIPLE RINSE (OR EQUIVALENT) AND DISPOSE IN AN INCINERATOR OR LANDFILL APPROVED FOR PESTICIDE CONTAINERS, OR BURY IN A SAFE PLACE.

## GENERAL

CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES SUCH AS LIMITED OPEN BURNING.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

NOV 18 1982

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 46276-2

Active Ingredients	Percentage
Alkyl (C <sub>12</sub> , 50%, C <sub>14</sub> , 40%, C <sub>16</sub> , 10%) dimethyl benzyl ammonium chloride	3.000%
Octyl decyl dimethyl ammonium chloride	2.250%
Didecyl dimethyl ammonium chloride	1.125%
Dioctyl dimethyl ammonium chloride	1.125%
Inert Ingredients	92.500%
	100.000%

For Sale For Use And Storage By Maintenance Personnel Only

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 vomiting. Call a physician immediately.

**NOTE TO PHYSICIAN:** Probable mucosa damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No. 46276-2

EPA Establishment No. 46276-IL-1

Net Contents 1 Gallon

MANUFACTURED BY  
Illinois Correctional Industries  
Stateville Division, P.O. Box 112, Rte. 53, Joliet, Illinois 60434

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Sanitizing of Food Contact dairy equipment, countertops, non-porous

Wash and rinse with 1 gallon of water per minute following preparation, use 50

Apply to sink, other stainless steel, Potable water. Dishes, silvering equipment, quat. No Pot

A 1 oz/4 gal. Pasteurized devices in water, the AOAC Ge Staphylococ

The udders of a cow, a pig, or a horse, require use of a disinfectant to become v

**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. **No Potable water rinse is required.**

Wash and rinse all articles thoroughly, then apply a solution of 1 oz. Germiquat 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 sink 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 immersing in a 1 oz. 4 gallon solution of Germiquat. **No Potable water rinse is required.**

A 1 oz/4 gallons Germiquat fulfills the criteria of Appendix F of the Grade A Pasteurized Milk Ordinance 1978 Recommendations of the U.S. Public Health Services in waters up to 400 ppm of hardness calculated as CaCO<sub>3</sub> when evaluated by the AOAC Germicidal and Detergent Sanitizer Method against *Staphylococcus aureus* and *Staphylococcus aureus*.

The udders, flanks and teats of dairy cows can be sanitized by washing with a solution of 1 oz. Germiquat in 4 gallons of warm water. **No Potable water rinse is required.** Use a fresh towel for each cow. Avoid contamination of towels by dirt and soil. Do not dip used towel back into solution. When solution becomes visibly dirty, discard and provide fresh solution.

### Directions for Use GENERAL CLASSIFICATION

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

Apply Germiquat with a cloth, mop or mechanical spray device. When applied with a mechanical spray device, surface must be sprayed until thoroughly wetted. 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. Germiquat to 4.5 gallons water. Apply to previously cleaned hard surfaces. At this use level, Germiquat 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.

**Disinfection in Institutions, Industry and Schools.** Add 2 oz. of Germiquat to 4.5 gallons of water. At 0.5 oz. to 2.25 gallons of water use level, the fungicidal effectiveness of Germiquat in the presence of 5% blood serum against *Trichophyton mentagrophytes* has been shown 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 Germiquat.

**Disinfection of Poultry Equipment, Animal Quarters and Kennels.** Poultry brooders, watering founts, 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. Germiquat 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 empty 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.**

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