

Sanitizing of Food Processing Equipment and Other Hard Surfaces in Food Contact Locations For sanitizing food processing equipment, dairy equipment, food utensils, stainless steel ware, fixtures, metal counters, refrigerated storage areas, office equipment and other hard non-porous surfaces no Potable water rinse is required.

Wash and neutralize all surfaces thoroughly, then apply a solution of 1 oz. QC SANITIZER in 4 gallons of water (1/160 parts active). Surfaces should remain wet for at least one minute followed by adequate rinsing and air drying. Fresh solution should be prepared daily or when use solution becomes visibly dirty. For mechanical application, use solution may not be heated for sanitizing applications.

Apply to sink tops, countertops, refrigerated storage and display equipment and other stationary items surfaces by cloth or brush or mechanical spray device. No Potable water rinse is required.

Dishes, utensils, glasses, cooking utensils and other similar size food processing equipment can be sanitized by immersion in a 1 oz. 4 gallon solution of QC SANITIZER. No Potable water rinse is required.

At 1 oz. 4 gallons QC SANITIZER 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 CaCO₃, when evaluated by the AOAC Germicidal and Detergent Sanitizer Method against Escherichia coli and Staphylococcus aureus.

The udders, teats and muzzles of dairy cows can be sanitized by washing with a solution of 1 oz. QC SANITIZER in 4 gallons of warm water. No Potable water rinse is required. Use a fresh bottle for each cow. Avoid contamination of sanitizing solution by dirt and spit. Do not dip used towel 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 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 breath 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 RINSE 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 COMMENDATION
In EPA Letter Dated

QC SANITIZER
Disinfectant-Sanitizer OCT 21 1982
Fungicide-Deodorizer
with Organic Soil Tolerance
for Hospital, Institutional, Industrial, School, Dairy and Other Facility Use

Directions for Use : GENERAL CLASSIFICATION

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

Apply QC SANITIZER with a cloth, mop, or mechanical spray device. When applied with a mechanical spray device, surface must be sprayed under the forceful, thorough, wetting. 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. QC SANITIZER to 4.5 gallons water. Apply to previously cleaned hard surfaces. At this use level QC SANITIZER 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 QC SANITIZER to 4.5 gallons of water. At 0.5 oz. to 2.25 gallons of water use level, the fungicidal effectiveness of QC SANITIZER in the presence of 5% blood serum against *Trichophyton mentagrophytes* has been shown utilizing the AOAC Fungicidal Test.

Disinfection of Barber Tools. Precleaned barber tools (such as combs, brushes, razors, and scissors) can be disinfected by immersing in a 0.5 oz./gallon solution of QC SANITIZER.

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. QC SANITIZER 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.

1/81

Active Ingredients	
Alkyl (C ₁₄ , 50%; C ₁₂ , 40%; C ₁₆ , 10%) dimethyl benzyl ammonium chlorides	3.000%
Octyl decyl dimethyl ammonium chloride	2.250%
Didecyl dimethyl ammonium chloride	1.125%
Diocetyl dimethyl ammonium chloride	1.125%
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. 46704-MN1

Net Contents

MANUFACTURED BY:
QUAL-CHEM INDUSTRIES, INC.
2140 Kasota Avenue, St. Paul, MN 55108

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (PPN-567) WASHINGTON, D.C. 20460		EPA REGISTRATION NO.	DATE OF ISSUANCE
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> RENEGRIGATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)		TERM OF ISSUANCE	21 OCT 1982
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)		NAME OF PESTICIDE PRODUCT	
<p>Chemical Marketing Analysts, Inc. P.O. Box 10000 Research Triangle Park, NC 27709</p>			
<p>NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.</p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an endorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, 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 this 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.</p> <p>This product is in compliance with requirements set out in section 4(e)(1) of the FIFRA, 40 C.F.R. 162.4(e)(7)(ii), promulgated after June 1, 1978.</p> <p>If "Regulatory Information" is present on your product label, and you have not registered your product under section 4(e)(1) of the FIFRA, you must do so before June 1, 1979.</p> <p>If "Label Control" is present on your product label, you must amend your label to reflect the product right below.</p> <p>The label right values of this label are: 1. Product Name: CHLOROTOL 2. Active Ingredients: CHLOROTOL 3. Directions for Use: CHLOROTOL 4. Precautionary Statement: CHLOROTOL 5. Other Information: CHLOROTOL 6. Storage: CHLOROTOL 7. Disposal: CHLOROTOL 8. Manufacturer: CHLOROTOL 9. Address: CHLOROTOL 10. Telephone Number: CHLOROTOL 11. Emergency Telephone Number: CHLOROTOL 12. Signal Word: CHLOROTOL 13. Hazard Statement: CHLOROTOL 14. Pictogram: CHLOROTOL 15. Other: CHLOROTOL</p> <p>If "Regulatory Information" is present on your product label, and you have not registered your product under section 4(e)(1) of the FIFRA, you must do so before June 1, 1979.</p> <p>If "Label Control" is present on your product label, you must amend your label to reflect the product right below.</p> <p>The label right values of this label are: 1. Product Name: CHLOROTOL 2. Active Ingredients: CHLOROTOL 3. Directions for Use: CHLOROTOL 4. Precautionary Statement: CHLOROTOL 5. Other Information: CHLOROTOL 6. Storage: CHLOROTOL 7. Disposal: CHLOROTOL 8. Manufacturer: CHLOROTOL 9. Address: CHLOROTOL 10. Telephone Number: CHLOROTOL 11. Emergency Telephone Number: CHLOROTOL 12. Signal Word: CHLOROTOL 13. Hazard Statement: CHLOROTOL 14. Pictogram: CHLOROTOL 15. Other: CHLOROTOL</p>			
<input checked="" type="checkbox"/> ATTACHMENT IS APPLICABLE		SIGNATURE OF APPROVING OFFICIAL	
		DATE	

EPA Form 8370-4 (Rev. 5-78)

PREVIOUS EDITION MAY BE USED UNTIL SUPPLY IS EXHAUSTED.

BEST DOCUMENT AVAILABLE

-2-

- d. For the label size submitted, the STORAGE AND DISPOSAL heading and the Child Hazard Warning "KEEP OUT OF REACH OF CHILDREN" would require a 12 point type size minimum and the signal word DANGER (front panel only) would require an 18 point type size minimum.
- e. Within the "Disinfection in Institutions, Industry and Schools" section of the Directions for Use (middle right panel), correct the spelling of the word "mengistrophyes".
- f. The submitted microbiological test report (analytical assays) results are acceptable for the above-referenced product.
- g. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(i). Your release for shipment of the product constitutes acceptance of these conditions.

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

John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (RG-767C)

Enclosures