

**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

Wash and rinse all articles thoroughly then apply a solution of 2 oz RO-QUAT-C-5 in 4 gallons of water (200 ppm 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.

Dishes, silverware, glasses, cooking utensils and other similar size food processing equipment can be sanitized by immersion in a 2 oz / 4 gallon dilution of RO-QUAT-C-5. No Potable water rinse is required.

1 oz / 4 gallons RO-QUAT-C-5 has a hard water tolerance of 500 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, flanks and teats of dairy cows can be sanitized by washing with a solution of 4 oz RO-QUAT-C-5 in 4 gallons of warm water.

Use a fresh towel for each cow. Avoid contamination of sanitizing solution by dirt and soil. 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. Harmful or fatal if swallowed. 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.

**RO-QUAT-C-5**

Disinfectant-Sanitizer

Deodorizer for Hospital, Institutional, Industrial, School, Dairy and Other Farm Use

ACCEPTED COMMENTS  
EPA Letter 1004

AUG 03 1964

**Active Ingredients**

Alkyl (C<sub>14</sub>, 50%, C<sub>12</sub>, 40%; C<sub>16</sub>, 10%)

Dimethyl Benzyl Ammonium Chloride

**Inert Ingredients**

15.0%  
95.0%  
100.0%

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. 6836-58

EPA Establishment No. 9468-TX-1

Net Contents One Pint, (1/2 or 1 Gal.)

Manufactured By

Ritter Chemical Co., 503 Gul. Pass, Houston, TX.

77006

**Directions for Use  
GENERAL CLASSIFICATION**

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

Apply RO-QUAT-C-5 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 4.5 oz RO-QUAT-C-5 to 4 gallons water. Apply to previously cleaned hard surface with mop or cloth.

At this use-level, RO-QUAT-C-5 is effective against Pseudomonas aeruginosa.

**Disinfectant in Institutions, (i.e., Educational, Penal, Military) Industry and Schools**

For disinfecting floors, walls, bedframes, countertops, tables, chairs, garbage pails, bathroom fixtures and other hard surfaces.

Add 3 oz of RO-QUAT-C-5 to 5.5 gallons of water. Apply to previously cleaned hard surface with mop or cloth.

At 6 oz / 5.5 gallon use-level, RO-QUAT-C-5 is effective against Staphylococcus aureus and Salmonella choleraesuis.

**Disinfection of Barber Tools**

Precleaned barber tools (such as combs, brushes, razors, and scissors) can be disinfected by immersing in a 2 oz / gallon solution of RO-QUAT-C-5.

**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 4.5 oz RO-QUAT-C-5 in 4 gallons of water with a mop, cloth or brush. 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, let or dried.

All treated equipment that will contact feed or drinking water must be rinsed with potable water before reuse.

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BEST DOCUMENT AVAILABLE

MAINTENANCE USE ONLY

<p align="center">U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460</p> <p><b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> Reregistration <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended.)</i></p>	EPA REGISTRATION NO.	DATE OF ISSUANCE <b>03 AUG 1984</b>
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT	
<p>NAME AND ADDRESS OF REGISTRANT (Include ZIP code)</p> <p align="center"><b>BEST DOCUMENT AVAILABLE</b></p>		
<p><b>NOTE:</b> 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><input type="checkbox"/> ATTACHMENT IS APPLICABLE</p>		
SIGNATURE OF APPROVING OFFICIAL		DATE

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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- e. The statement "FOR SALE FOR USE AND STORAGE BY MAINTENANCE PERSONNEL ONLY" must be at least the same type size as the "KEEP OUT OF REACH OF CHILDREN" statement (front panel).
3. The revised Confidential Statement of Formula submitted with your letter dated July 27, 1984, is acceptable and has been added to your file.
4. 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(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

*John H. Lee*

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

Enclosures:

RD/DIB:J.Lee:DCP-44675:WANG-037/R:KIN:Paven:479-2013:8/1/84:Del.8/16/84

BEST DOCUMENT AVAILABLE

SYMBOL ►  
SURNAME ►  
DATE ►  
EPA Form 1 (2-1-81)

CONCURRENCES

OFFICIAL FILE COPY