

BEST DOCUMENT AVAILABLE

### DIRECTIONS FOR USE

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

Quat 256 detergent/disinfectant has been designed specifically for hospitals, nursing homes, schools, food processing plants, food service establishments and other institutions where housekeeping is of prime importance.

**DISINFECTION**-To disinfect hard inanimate surfaces (such as walls, floors, table tops), add 1/2 ounce Quat 256 detergent/disinfectant per gallon of water. Apply solution with mop, cloth, or sponge or mechanical sprayer so as to wet thoroughly. Allow to remain wet for 10 minutes and then let air dry.

To disinfect toilet bowls, flush toilet, add 1/2 ounce Quat 256 detergent/disinfectant directly to the bowl water. Swab the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush.

For heavily soiled areas, a pre-cleaning step is required and recommended. Prepare a fresh solution for each use.

**MILDEWSTAT**-To control mold and mildew on pre-cleaned, hard non-porous surfaces (such as floors, walls, table tops) add 1/2 ounce Q. 256 per gallon of water. Apply solution with a cloth, mop, or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth reappears.

**SANITIZATION**-To sanitize previously cleaned and rinsed nonporous food contact surfaces, prepare 200 ppm active quaternary Q. 256 solution by adding 1 ounce Q. 256 to 5 gallons of water.

To sanitize immobile items (such as tanks, chopping blocks, counter tops), flood the area with 200 ppm Q. 256 solution or apply with a cloth or sponge, making sure to wet all surfaces completely for at least 60 seconds. Remove and rinse thoroughly with POTABLE WATER. Prepare a fresh solution for each use.

To sanitize mobile items (such as drinking glasses, eating utensils), immerse in 200 ppm Q. 256 solution for at least 60 seconds making sure to immerse completely. Remove and rinse thoroughly with POTABLE WATER. Prepare a fresh solution daily or more frequently as soil is apparent.

3535-42

### QUAT 256

### detergent/disinfectant

**CLEANER  
DETERGENT  
DEODORIZER  
SANITIZER  
MILDEWSTAT (on hard inanimate surfaces)**

**DISINFECTANT  
FUNGICIDE (against pathogenic fungi)  
VIRUCIDE\***

#### ACTIVE INGREDIENTS:

n-Alkyl (60%C14, 30%C16, 5%C12, 5%C18)	
dimethyl benzyl ammonium chlorides	6.25%
n-Alkyl (68%C12, 32%C14)	
dimethyl ethylbenzyl ammonium chlorides	6.25%
<b>INERT INGREDIENTS</b>	87.50%
	<b>Total 100.00%</b>

EPA REG NO 3838-1 E  
EPA EST NO 3838-W1-1

ONLY FOR SALE TO, USE, AND STORAGE BY SERVICE PERSONS - 12 pt.

KEEP OUT OF REACH OF CHILDREN - 12 pt.

**DANGER** - 6 pt

see side panels for additional precautionary statements

ESSENTIAL CHEMICAL CORPORATION  
28391 Essential Dr.  
Merton, WI 53056

NET CONTENTS

Quat 256 is a phosphate free concentrated detergent/disinfectant which provides effective cleaning, deodorizing, disinfection, and sanitization. Quat 256 detergent/disinfectant has been designed specifically for hospitals, nursing homes, schools, food processing plants and other institutions where housekeeping is of prime importance in controlling the hazard of cross contamination.

Q. 256 when diluted at the rate of 1/2 ounce per gallon of water is an effective disinfectant against the organism *Pseudomonas aeruginosa* and meets all requirements for hospital use. When used as directed, Quat 256 is formulated to disinfect inanimate hard surfaces such as walls, floors, sink tops, toilet bowls, tables, chairs, telephones and bed frames. For larger areas such as operating rooms, patient care facilities and restrooms, the product is designed to provide both general cleaning and disinfecting.

In addition, Quat 256 deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls and any other areas which are prone to odors caused by microorganisms.

**DISINFECTION**-At 1/2 ounce per gallon dilution, Quat 256 exhibits effective disinfectant activity against the following:

<i>Pseudomonas aeruginosa</i> PRD-10	
<i>Escherichia coli</i>	<i>Brevibacterium ammoniagenes</i>
<i>Klebsiella pneumoniae</i>	<i>Streptococcus faecalis</i>
<i>Salmonella schultzei</i>	<i>Shigella dysenteriae</i>
<i>Salmonella choleraesuis</i>	<i>Enterobacter aerogenes</i>
<i>Streptococcus salivarius</i>	<i>Staphylococcus aureus</i>

At this level the product is also fungicidal against the pathogenic fungi, *Trichophyton mentagrophytes*.

**VIRUCIDAL\* ACTIVITY:** The product when used on environmental inanimate hard surfaces at 1/2 ounce per gallon of water exhibits effective virucidal\* activity against Influenza A2, Asian (representative of the common flu virus), Herpes simplex (causative agent of fever blisters and mononucleosis), Adeno virus type 5 (causative agent of upper respiratory infections), and Vaccinia virus (representative of the pox virus group).

**EFFICACY TESTS HAVE DEMONSTRATED THAT Q. 256 IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND VIRUCIDE\* IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM)**

**MOLD and MILDEWSTAT**- Q. 256 Controls mold and mildew and the odors they cause on hard non-porous inanimate surfaces.

**SANITIZATION**-When used for sanitization of previously cleaned food equipment or food contact items limit active quaternaries to 200 ppm. At this level POTABLE WATER RINSE is required. Q. 256 is an effective sanitizer when diluted in water up to 600 ppm hardness (CaCO<sub>3</sub>).

#### STORAGE & DISPOSAL - 12 pt

**DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL**  
**OPEN DUMPING IS PROHIBITED**  
**DO NOT REUSE EMPTY CONTAINER**  
**PESTICIDE DISPOSAL** (see EPA label for instructions)  
**CONTAINER DISPOSAL** (see EPA label for instructions)

### PRECAUTIONARY STATEMENTS

Hazard to Human and Domestic Animals

#### DANGER

Keep out of Reach of Children. Causes severe eye and skin damage. Do not get in eyes, skin or on clothing. Harmful if swallowed. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Remove and wash contaminated clothing.

#### 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 all contaminated clothing before reuse. If swallowed, drink milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a Physician.

#### NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION, RM 5671 WASHINGTON, D.C. 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	TERM OF ISSUANCE	
<b>NOTICE OF PESTICIDE:</b> REGISTRATION RENEWAL/REGISTRATION <i>Under the Federal Insecticide, Fungicide,          and Rodenticide Act, as amended.</i>	NAME OF PESTICIDE PRODUCT	
NAME AND ADDRESS OF REGISTRANT (Include ZIP Code)		
<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 indorsement 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>		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

within the referenced Onyx's files. This discussion should pertain to your product as formulated not on Onyx's technical product. Your discussion will be based upon your knowledge of the carryover of impurities from and of the formulation level of the beginning materials (active and inert) and your anticipation whether your finished product impurity levels would exceed the 0.1% minimum reporting levels. In addition, add whether impurities may or may not be produced during the formulation, packaging and/or storage of your product.

b. Guideline 63-26. Please provide the time frame outlining when you anticipate the submission of the corrosion characteristics as per your attachment #2.

4. The revised Confidential Statement of Formula dated December 8, 1983 is acceptable and has been placed in your file.

5. 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 stamped 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

DCR-31618:Lee:12/28/83:del.1/10/83:RD-36:Rm 246:557:3673:mar

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