

ONLY FOR SALE TO, USE, AND STORAGE BY PROFESSIONAL MAINTENANCE PERSONNEL AT INSTITUTIONAL OR COMMERCIAL FACILITIES.

CATALOG NO. 1655-16

ONE GALLON

VERSA-QUAT™

Cleaner-Disinfectant-Deodorizer
Fungicide-Virucide
Sanitizer with Organic Solvent
Hospital, Institutional and Industrial Use

Active Ingredients
 Di-ethyl-dimethyl-ammonium-chloride
 Tetracycline hydrochloride
 Sodium carbonate
 Sodium metasilicate pentahydrate

Inert Ingredients

**KEEP OUT OF REACH OF CHILDREN
WARNING**

Statement of Practical Treatment
 For best results, immediately wash with water for at least 15 minutes. If ingested, induce vomiting with 1 cup of water. If swallowed, drink promptly a large quantity of water. Do not use if solution is undiluted. Call a physician immediately.

SEE FACT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA Registration No. 7211-16
 EPA Establishment No. 7211-MN-1

Manufactured By
THE ULMER PHARMACEUTICAL COMPANY
 Division of James Phillips Company
 Minneapolis, Minnesota 55441

**Directions for Use
GENERAL CLASSIFICATION**

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

VERSA-QUAT is a proven one-step cleaner-disinfectant-sanitizer-fungicide-virucide in the presence of moderate amounts of organic soil.

Apply VERSA-QUAT to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks and bedframes with a cloth mop or mechanical spray. Avoid soiling as to thoroughly wet surfaces. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when use solution becomes visibly dirty.

Disinfection - To disinfect hard, non-porous hospital surfaces add 2 1/2 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes. At this use level VERSA-QUAT is also a virucide and fungicide. At 1 1/2 oz. per gallon, VERSA-QUAT will disinfect hard non-porous surfaces in industry and non-medical institutions.

Sanitizing - To sanitize porous or non-porous, non-food contact surfaces add 1 oz. per 1/2 gallon of water. Treated surfaces must remain wet for 30 seconds.

For hospitals and nursing homes, add 2.5 oz. per gallon of water. The broad spectrum activity of VERSA-QUAT has been evaluated in the presence of 5% serum and found to be effective against the following organisms by the AOAC Use Dilution test:

- Staphylococcus aureus
- Staphylococcus epidermidis
- Staphylococcus saprophyticus
- Staphylococcus sciuri
- Staphylococcus carnosus
- Staphylococcus hyacinthinus
- Staphylococcus lentiginosus
- Staphylococcus lentiginosus
- Staphylococcus lentiginosus
- Staphylococcus lentiginosus

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product in a manner

Sanitizer-fungicide-virucide in

(matte) non-porous surfaces
with a cloth, mop or mechanical
scrubbing action. A preliminary
rinse solution becomes visibly

For hard surfaces add 2 1/2 oz. per gallon of
this use level. VERSA-QUAT
A-QUAT will disinfect hard

For contact surfaces add 1 oz. per
gallon use level.

water. The broad spectrum
of 5% serum and found to be
Dilution 1:1

AOAC Fungicidal Test

VERSA-QUAT 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, exercise facilities, etc.

Virucidal Performance

* At 2 oz. per gallon use level, VERSA-QUAT was evaluated in the presence of 1% serum and found to be effective against the following viruses: Herpes Simplex (a member of the virus family that causes infectious mononucleosis); Vaccinia (representative of the pox viruses); Adenovirus Type 5 (a causative virus in respiratory diseases); and Influenza A (as represented by the strains commonly called the Hong Kong Flu and the London Flu). Tests on inanimate environmental surfaces.

For non-medical institutional and industrial uses: At 1 1/2 oz. per gallon of water, VERSA-QUAT delivers excellent cleaning and germicidal effectiveness. It is effective against *Staphylococcus aureus*, *Salmonella choleraesuis* and *Escherichia coli*. The same AOAC tests listed above to confirm suitable performance for hospitals were used.

Sanitizing-Non-Food Contact Surfaces (such as walls, floors, tables, etc.): At 1 oz. per gallon use level, VERSA-QUAT is an effective sanitizer in waters of up to 850 ppm hardness against *Staphylococcus aureus* and *Klebsiella pneumoniae* in the presence of 5% serum on hard porous and non porous environmental surfaces.

Cross-contamination is a major housekeeping concern not only in hospitals, but in institutions, and industry. VERSA-QUAT is formulated for this problem area. It both cleans and disinfects effectively and is virucidal when used as directed. Its hard surface disinfecting action will reduce the hazard of cross-contamination.

VERSA-QUAT is an extremely effective one-step sanitizer for non-food contact surfaces. It cleans and sanitizes in waters up to 850 ppm hardness. This hard water tolerance is in excess of most potable waters and will insure complete sanitizing action when used as directed.

Two ounces of VERSA-QUAT per gallon of water will deodorize surfaces in bathrooms, garbage storage areas, and other areas where bacterial growth can cause mal odors. Prevents odor caused by mold and mildew.

Precautionary Statements

Hazards to Human and domestic animals

WARNING

Keep out of reach of children. May cause severe eye irritation or eye damage. Causes skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Avoid contamination of food. Not for household use.

STORAGE AND DISPOSAL

THIS PRODUCT MUST BE KEPT UNDER LOCKED STORAGE SUFFICIENT TO MAKE IT INACCESSIBLE TO CHILDREN OR PERSONS UNFAMILIAR WITH ITS PROPER USE.

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 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.

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