

Precautionary Statements

Hazards to Humans and domestic animals

DANGER

Keep out of reach of children. Corrosive. Causes eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful 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 SPRAY MIXTURE OR RINSE WATER THAT CANNOT BE USED ACCORDING TO LABEL INSTRUCTIONS MUST BE DISPOSED OF ACCORDING TO FEDERAL OR APPROVED STATE PROCEDURES UNDER SUBTITLE C OF THE RESOURCE CONSERVATION AND RECOVERY ACT.

CONTAINER DISPOSAL

TRIPLE RINSE OR EQUIVALENT, THEN OFFER FOR RECYCLING OR RECONDITIONING, OR DISPOSE OF IN A SANITARY LANDFILL OR BY INCINERATION IF ALLOWED BY STATE AND LOCAL AUTHORITIES.

GENERAL

CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

Fungal Control —

QUAT - 646 is an effective fungicide against Trichophyton mentagrophytes (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, showers and bath areas, exercise facilities, etc. at 2 oz./gallon.

Mold and Mildew Control. At 1 1/4 oz./gallon, QUAT - 646 will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces (as indicated in general instructions above). Allow to dry on surface and repeat when mildew growth returns.

Virucidal Performance. At 1 1/4 oz. per gallon use-level, QUAT - 646 was evaluated and found to be effective in the presence of 5% serum and 400 ppm hard water against the following viruses: Influenza A, B, C, Herpes Simplex and Vaccinia on inanimate environmental surfaces.

Sanitizing-Non-Feed Contact Surfaces (such as Room — tables, etc.). At 1 oz. per 2 1/2 gallon use-level, QUAT - 646 is an effective sanitizer against Staphylococcus aureus and Klebsiella pneumoniae on hard porous and non-porous environmental surfaces. Treated surfaces must remain wet for 30 seconds.

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.

Manufactured By:

ACME CHEMICAL COMPANY
1600 W. Elm Street
Milwaukee, Wisconsin 53209

Directions for Use

GENERAL CLASSIFICATION

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

QUAT - 646 is a proven "one cleaner - sanitizer - fungicide - mildewer" in water up to 400 ppm hardness in the presence of 5% serum.

Apply. QUAT - 646 to walls, (inanimate) non-porous surfaces such as tables, sinks, tile, porcelain, and bedframes with a cloth spray device so as to thoroughly wet surfaces. For a preliminary cleaning is required. Prepare a 1% solution. When use solution becomes visibly dirty.

Disinfection. — To disinfect hard, non-porous surfaces, use 2 oz. per gallon of water. Treated surfaces must remain wet for 30 seconds. QUAT - 646 will disinfect hard non-porous surfaces in health care institutions.

2 oz. per gallon use-level. The activity of QUAT - 646 has been evaluated and found to be effective against a broad spectrum of gram positive organisms as representative of:

- Pseudomonas aeruginosa
- Staphylococcus aureus
- Salmonella choleraesuis
- Escherichia coli
- Streptococcus pyogenes
- Klebsiella pneumoniae
- Enterobacter aerogenes
- Streptococcus faecalis
- Shigella dysenteriae
- Brevibacterium ammoniagenes
- Salmonella typhi
- Serratia marcescens

For schools, industry and non-medical use, use 1/4 oz. per gallon of water. QUAT - 646 is a cleaning and germicide effectiveness. It is effective against Staphylococcus aureus, Salmonella choleraesuis, and Serratia marcescens. The same AOAC performance for hospitals were used.

Effective fungicide against
a foot fungus) when used
pressing rooms, shower and
bathing.

QUAT - 646
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ed By:
COMPANY
Street
Wisconsin 53209

Directions for Use

GENERAL CLASSIFICATION

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

QUAT - 646 is a proven "one-step" disinfectant -
cleaner - sanitizer - fungicide - mildewstat - virucide which is effective
in water up to 400 ppm hardness in the presence of 5% serum
contamination.

Apply QUAT - 646 to walls, floors and other hard
non-porous surfaces such as tables, chairs, countertops,
sinks, tile, porcelain and bedframes with a cloth mop or mechanical
spray device so 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.

Disinfectant - To disinfect hard non-porous surfaces, in hospitals add
2 oz. per gallon of water. Treated surfaces must remain wet for 10
minutes. At 1 1/2 oz. per gallon of water QUAT - 646
will disinfect hard non-porous surfaces in school, industry and non-
medical institutions.

2 oz. per gallon use-level.
The activity of QUAT - 646 has been evaluated in the
presence of 5% serum and 400 ppm hard water by the AOAC use
dilution test and found to be effective against a broad spectrum of gram
negative and gram positive organisms as represented by:

Pseudomonas aeruginosa
Staphylococcus aureus
Salmonella choleraesuis
Escherichia coli
Streptococcus pyogenes
Klebsiella pneumoniae
Enterobacter aerogenes
Streptococcus faecalis
Shigella dysenteriae
Brevibacterium ammonigenes
Salmonella typhi
Serratia marcescens

For schools, industry and non-medical institution use. At 1 1/2
oz./gallon of water QUAT - 646 delivers excellent
cleaning and germicidal effectiveness. It is effective against
Staphylococcus aureus, *Salmonella choleraesuis*, *Escherichia coli*
and *Serratia marcescens*. The same AOAC tests used to confirm
performance for hospitals were used.

QUAT - 646

Disinfectant-Cleaner-Sanitizer-Fungicide Mildewstat-Virucide-Deodorizer

Active Ingredients

Octyl decyl dimethyl ammonium chloride	1 650%
Dioctyl dimethyl ammonium chloride	0 825%
Didecyl dimethyl ammonium chloride	0 825%
Alkyl (C ₁₂ , 50%; C ₁₂ , 40%; C ₁₀ , 10%) dimethyl benzyl ammonium chloride	2 200%

Inert Ingredients

94 500%
100 000%

EPA Registration No.

1363-

EPA Establishment No.

1363-W1-1

For Sale For Use And Storage
By Maintenance Personnel Only

KEEP OUT OF REACH OF CHILDREN
DANGER

SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

CITIC

1363-9-2

