



**Precautionary Statements
Hazards to Humans and domestic animals**

DANGER

Keep out of reach of children. Corrosive. Causes severe 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 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.

QUAT SHIELD

Disinfectant - Cleaner - Sanitizer -
Fungicide - Mildewstat - Virucide* - Deodorizer
with Organic Soil Tolerance for Hospitals, Institutional and Industrial Use

Active Ingredients	
Octyl Decyl Dimethyl Ammonium Chloride	1.14%
Dioctyl Dimethyl Ammonium Chloride	0.57%
Didecyl Dimethyl Ammonium Chloride	0.57%
Alkyi (C-11, 50%; C-12, 40%; C-13, 10%)	1.52%
Dimethyl Benzyl Ammonium Chloride	
Inert Ingredients	
	96.20%
	100.00%

For Sale For Use And Storage By Maintenance Personnel Only
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: Product is mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No. 46276-1

EPA Establishment No. 46276-IL-1

NET CONTENTS: 1-GALLON

MANUFACTURED BY
Illinois Correctional Industries
Stateville Division, P.O. Box 112, Rte. 53, Joliet, Illinois 60434

QUAT SHIELD is a one-step of spectrum of bacteria growth of mold. QUAT SHIELD is non-food contact.

When used as disinfectant, use in areas, behind and storage areas, and odors.

REPRODUCTION DOCUMENT AVAILABLE

BES

Industrial Use
 Personnel Only
 Measures against
 EVENTS
 ment No. 46276-IL-1

QUAT SHIELD has been formulated to aid in the reduction of cross-contamination in institutions, schools and hospitals. QUAT SHIELD is a one-step disinfectant-cleaner that is effective against a broad spectrum of bacteria, is virucidal, fungicidal, and will prevent the growth of mold and mildew and their odors when used as directed. QUAT SHIELD is an effective one-step sanitizer-cleaner for use on non-food contact surfaces.

When used as directed, QUAT SHIELD will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause malodors.

**ACCEPTED
 with COMMENTS
 in EPA Letter Dated:**

NOV 18 1982

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended, for the pesticide
 registered under EPA Reg. No.

46276-1

BEST DOCUMENT AVAILABLE

**Directions for Use
 GENERAL CLASSIFICATION**

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

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

Apply QUAT SHIELD 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 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.

Disinfection — To disinfect hard, non-porous surfaces in hospitals, add 2 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes. At this use-level QUAT SHIELD is also virucidal, fungicidal and mildewstatic. At 1 oz. per gallon QUAT SHIELD will disinfect hard non-porous surfaces in schools, industry and non-medical institutions.

Sanitizing — To sanitize porous or non-porous, non-food contact surfaces, add 1/2 oz. per gallon of water. Treated surfaces must remain wet for 60 seconds.

For hospitals and nursing homes, add 2 oz. per gallon of water. The broad spectrum of QUAT SHIELD has been evaluated in the presence of 5% serum and found to be effective against the following organisms by the AOAC Use-Dilution test:

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

AOAC Fungicidal Test

QUAT SHIELD at 1 oz. per gallon 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.

Mold and Mildew Control.

At 1 oz./gallon QUAT SHIELD 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 oz. per gallon use-level QUAT SHIELD was evaluated in the presence of 5% serum and found to be effective against Influenza A/Brazil Virus on inanimate environmental surfaces.

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

Sanitizing-Non-Food Contact Surfaces (such as floors, walls, tables, etc.) At 1/2 oz./gallon use-level QUAT SHIELD is an effective sanitizer against Staphylococcus aureus and Klebsiella pneumoniae in the presence of 5% serum on porous and non-porous environmental surfaces.

BEST DOCUMENT AVAILABLE