

101 34892-24 M131

**DIRECTIONS FOR USE  
GENERAL CLASSIFICATION**

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

**QUAT DF 3.2** detergent/disinfectant has been designed specifically for hospitals, nursing homes, schools, food processing plants and other institutions where housekeeping is of prime importance.

**DISINFECTION** - To disinfect hard inanimate surfaces (such as walls, floors, table tops), apply solution with mop, cloth, sponge or mechanical sprayer as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes and then let air dry.

**DILUTION RATES:** General Disinfection - Add 2 ounces QUAT DF 3.2 per gallon of water. Hospital Disinfection - Add 3 ounces QUAT DF 3.2 per gallon of water. To disinfect toilet bowls, flush toilet, add 2 ounces QUAT DF 3.2 detergent/disinfectant directly to the bowl of water. Scrub the bowl completely using a scrub brush or toilet ring, making sure to get under the rim. Let stand for 10 minutes and flush.

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

**MILDEWSTAT** - To control mold and mildew on hard non-porous surfaces (such as floors, walls, table tops), clean surfaces the add 2 ounces QUAT DF 3.2 per gallon of water. Apply with a cloth, mop or sponge to surfaces to be treated making sure to wet thoroughly. 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 non-porous food contact surfaces, prepare 200ppm active quaternary QUAT DF 3.2 solution by adding 4 ounces QUAT DF 3.2 to 5 gallons of water.

To sanitize immobile items (such as tanks, chopping blocks, countertops), flood the area with 200ppm QUAT DF 3.2 solution or apply with a cloth or sponge, making sure to wet all surfaces completely for at least 60 seconds. 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 QUAT DF 3.2 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.

**PRECAUTIONARY STATEMENTS  
Hazard to Human and Domestic Animals  
WARNING**

Keep Out of Reach of Children. Causes eye and skin irritation. Do not get in eyes, skin or on clothing. Harmful if swallowed.

**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.

**QUAT DF 3.2  
detergent/disinfectant**

Cleaner  
Detergent  
Deodorizer  
Sanitizer  
Mildewstat (on hard  
Disinfectant  
Fungicide (against  
Pathogenic fungi)  
Virucide\*  
Inanimate surfaces)

**ONLY FOR SALE, TO USE, AND STORAGE  
BY SERVICE PERSONS**

**ACTIVE INGREDIENTS**

n-Alkyl (60%C<sub>14</sub>, 30%C<sub>16</sub>, 5%C<sub>12</sub>, 5%C<sub>18</sub>)  
dimethyl benzyl ammonium chlorides . . . 1.60%  
n-Alkyl (68%C<sub>12</sub>, 32%C<sub>14</sub>) dimethyl ethylbenzyl  
ammonium chlorides . . . . . 1.60%  
INERT INGREDIENTS: . . . . . 96.80%

TOTAL 100.00%

EPA REG. NO. 34892-24  
EPA EST. NO. 34892 NY01

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

(SEE ADDITIONAL PRECAUTIONS ON SIDE PANEL)

MANUFACTURED BY:  
**RUSSALL PRODUCTS**  
2253 Light St., Bronx, N.Y. 10466

NET CONTENTS

**ACCEPTED**  
JUL 29 1985  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 34892-24

QUAT DF 3.2 is a phosphate free cleaner/disinfectant and sanitizer designed for general household use, schools, food processing plants and light industrial and hospital applications where housekeeping is of prime importance in controlling the hazard of cross contamination. When used as directed, QUAT DF 3.2 is formulated to disinfect inanimate hard surfaces (such as walls, floors, sink tops, toilet bowls, tables, chairs and telephones). For larger areas, such as patient care facilities and restrooms, the product is designed to provide both general cleaning and disinfecting.

In addition, QUAT DF 3.2 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 2 ounces per gallon dilution, QUAT DF 3.2 exhibits effective disinfectant activity against the following:

- |                         |                            |
|-------------------------|----------------------------|
| Enterobacter aerogenes  | Brevibacterium ammonigenes |
| Escherichia coli        | Streptococcus faecalis     |
| Klebsiella pneumoniae   | Shigella dysenteriae       |
| Salmonella choleraesuis | Staphylococcus aureus      |
| Salmonella choleraesuis |                            |

At 3 ounces per gallon dilution, QUAT DF 3.2 is an effective hospital disinfectant and demonstrates disinfectant activity against Pseudomonas aeruginosa in addition to the above microorganisms.

**Virucidal\* Activity:** This product when used on environmental inanimate hard surfaces at 2 ounces per gallon of water exhibits effective virucidal\* activity against Influenza A - Asian (representative of the common flu virus), Herpes simplex (causative agent of fever blisters and mononucleosis), Adeno virus type 2 (causative agent of upper respiratory infections), and Vaccinia virus (representative of the pox virus group).

Efficacy tests have demonstrated that QUAT DF 3.2 is an effective bactericide, fungicide, and virucide\* in the presence of organic soil (5% blood serum).

**Mold and Mildewstat** - QUAT DF 3.2 prevents and controls mold and mildew and the odors they cause on hard non-porous inanimate surfaces at 2 ounces per gallon dilution.

**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.

QUAT DF 3.2 is an effective sanitizer when diluted in water up to 250ppm hardness (CaO).

**STORAGE AND DISPOSAL** Store only in tightly closed original container in a secure area inaccessible to children. Do not contaminate water, food or feed by storage or disposal.

**Pesticide Disposal** Weathereadily from the use of this product may be disposed of in accordance with an approved waste disposal facility.

**Container Disposal** This is a flammable liquid. Empty containers should be triple rinsed and disposed of in a sanitary landfill or by other procedures approved by state and local authorities. Plastic containers may be recycled in a sanitary landfill incineration or if allowed by local authorities, by burning. If burned, stay out of smoke.