

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.

**DIRECTIONS:** To disinfect hard inanimate surfaces (such as walls, floors, table tops), apply solution with mop, cloth, sponge or brush and spray as to wet all surfaces thoroughly. Allow to remain wet for 15 minutes and then let air dry. **Quat DF 3.2** General Disinfectant - Add 2 ounces **Quat DF 3.2** per gallon of water. Hospital Disinfectant - 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. Swab the bowl completely with a clean brush or cloth, making sure to get under the rim.

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

To control odors on hard non-porous surfaces (walls, floors, table tops, etc.) clean surfaces then add 2 ounces **Quat DF 3.2** per gallon of water. Apply with a cloth, mop or sponge. Surfaces to be treated should be wet thoroughly. Let air dry. Repeat a fresh solution. Repeat application at weekly intervals or when odor again reappears.

**PRECAUTIONS:** Avoid contact with eyes, nose, mouth and skin. Wash hands thoroughly with soap and water after use. Do not use in food preparation areas.

**KEEP OUT OF REACH OF CHILDREN.** See side panel for additional precautionary information. **WARNING** - See side panel for additional precautionary information.

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**Quat DF 3.2**

**detergent/disinfectant**

Cleaner  
Detergent  
Deodoriser  
Sanitizer  
Aldehyde (on hard inanimate surfaces)

Disinfectant  
Fungicide (against  
Pathogenic fungi)  
Virucide

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

**ACTIVE INGREDIENTS:**  
n-Alkyl (60% C<sub>14</sub>, 30% C<sub>16</sub>, 10% C<sub>18</sub>) diethyl benzyl ammonium chlorides.....1.60%  
n-Alkyl (60% C<sub>14</sub>, 30% C<sub>16</sub>, 10% C<sub>18</sub>) dimethyl ethylbenzyl ammonium chlorides.....1.60%  
**INERT INGREDIENTS:**.....96.80%  
**TOTAL** 100.00%

FPA REG. NO. 34871-E  
FPA EST. NO. 100000000  
EPA REG. NO. 34871-E

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

See side panel for additional precautionary information.  
**MANUFACTURED BY**  
**RUSSAL PRODUCTS CO., INC.**  
**2253 LIGHT ST., BRONX, N.Y. 10468**

**NET CONTENTS**

NET WT. 1.00 L.

NOTE: DF

3.2 is a phosphate free cleanser disinfectant and is designed for general household use, schools, food processing and light industrial and hospital applications where housekeeping is of prime importance in controlling the hazard of cross contamination. When used as directed, 3.2 is formulated to disinfect inanimate hard surfaces (such as walls, floors, steps, 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 disinfection.

In addition, 3.2 deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, 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, 3.2 exhibits effective disinfectant activity against the following:

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

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

**Virucidal\* Activity:** The product when used on inanimate hard surfaces at 2 ounces per gallon of water exhibits effective virucidal\* activity against Influenza A<sub>1</sub> - Asia (representative of the common flu virus), Herpes simplex (responsible for cold blisters and mononucleosis), Adeno virus type 12 (responsible for upper respiratory infections), and Vaccinia virus (responsible for the pox virus group).

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

**Mold and Mildew:** 3.2 prevents mold and mildew on surfaces and the spots they leave on fabric surfaces. Use at 2 ounces per gallon dilution.

**SANITIZATION**- When used for sanitization of food service equipment or food contact items limit a 100 ppm residual. At this level, TABLE WATER RINSE is required.

3.2 is an effective sanitizer when diluted in water with hardness (CaCO<sub>3</sub>).

**STORAGE AND DISPOSAL**

- DO NOT CONTAMINATE WATER, FOOD OR FEED
- BY STORAGE OR DISPOSAL
- OPEN DUMPING IS PROHIBITED
- DO NOT REUSE EMPTY CONTAINERS

**Pesticide Disposal**- Pesticides that cannot be used or are not processed should be disposed of in a landfill approved for such use.

**Container Disposal**- Triple rinse (or equivalent) and recycle in incinerator or landfill approved for pesticide containers.

100-100-100

U.S. ENVIRONMENTAL PROTECTION AGENCY  <b>NOTICE OF PESTICIDE</b>  U.S. ENVIRONMENTAL PROTECTION AGENCY	DATE: _____ BY: _____
NAME AND ADDRESS OF REGISTRANT: _____  _____  _____	
<p><b>NOTE</b> 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 REGISTRANT: _____	

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

STATE OF CALIFORNIA  
DEPARTMENT OF PESTICIDE REGULATION  
Pesticide Registration Section

Registration File No. 1117-4-104-1/1/PA:PD-27

1117-4-104-1/1/PA:PD-27  
Registration File No. 1117-4-104-1/1/PA:PD-27

Enclosures

PD/DIS:PCN-0490317, Loc:56:1117-4-104-1/1/PA:PD-27

		CONCURRENCE	
SYMBOL			
SURNAME			
DATE			

EPA Form 1320-1 (12-70)

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