

Cross-infection is of major housekeeping concern not only in hospitals, but in schools, institutions, and industry. ZAP DISINFECTANT CLEANER 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-infection.

ZAP DISINFECTANT CLEANER is an extremely effective one-step sanitizer. It cleans and sanitizes in waters up to 800 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 ZAP DISINFECTANT CLEANER per gallon of water will deodorize bathrooms, garbage storage areas, and other areas where bacterial growth can cause mal odors.

## 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.

### FIRST AID:

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 promptly a large quantity of water. Avoid alcohol. Call a physician immediately.

### USE DIRECTIONS

Apply ZAP DISINFECTANT CLEANER to walls, floors and other hard surfaces such as tables, chairs and bed frames with a cloth or mop. For heavily soiled areas, a preliminary cleaning may be required.

For Hospitals & Nursing Homes: Add two ounces per gallon of water.

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# ZAP DISINFECTANT CLEANER

Cleaner — Disinfectant — Deodorizer  
Fungicide — Virucide\*

Sanitizer for Hospital and Institutional Use

### Phenol Coefficients

Staph. aureus (ATCC No. 6538)	100
Salmonella typhosa (ATCC No. 6539)	50

### Active Ingredients

Didecyl dimethyl ammonium chloride	4.5%
Tetrasodium ethylenediamine tetraacetate	2.0%
Sodium carbonate	1.0%
Sodium metasilicate	0.5%

### Inert Ingredients

92.0%  
100.00%

EPA Registration No. 36371-1

Net Contents:

**PRODUCTS UNLIMITED**

940 West Oakwood Rd  
Oak Creek Wis 53154

## WARNING

**\*KEEP OUT OF REACH OF CHILDREN**  
SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

Manufacturers & Distributors for National Chemicals, Inc.

At two ounces effective against Salmonella choleraesuis, Shigella, and other organisms. Cidal performance by the AOAC Use-Test Manual against T. intermedia.

At 2 ounces per gallon of water. DISINFECTANT CLEANER. Following addition of the following additional ingredients:

Brevibacterium, Enterobacter, Proteus mirabilis, Streptococcus

\* At two ounces per gallon of water, virucidal against adenoviruses, adenovirus, and Influenza A virus. Hong Kong Flu virus on surfaces.

For Schools, Institutions, and other hard surfaces. Use with water.

At one ounce per gallon of water, excellent cleaning agent against Staphylococcus aureus, Pseudomonas, and other organisms. Interdisinfectant used above to

For sanitizing and disinfecting hard surfaces and utensils and other hard surfaces. Use with water.

Rinse e

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At two ounces per gallon use-level, ZAP DISINFECTANT CLEANER is effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Salmonella choleraesuis*, *Escherichia coli*, and pathogenic fungi. Germicidal performance against the first four organisms has been confirmed by the AOAC Use-Dilution Test. Fungicidal performance was determined against *T. interdigitale* by the AOAC Fungicidal Test.

At 2 ounces per gallon the broad spectrum effectiveness of ZAP DISINFECTANT CLEANER is shown by its germicidal action against the following additional organisms.

<i>Brevibacterium ammoniagenes</i>	<i>Klebsiella pneumoniae</i>
<i>Enterobacter aerogenes</i>	<i>Salmonella schottmuelleri</i>
<i>Proteus mirabilis</i>	<i>Streptococcus faecalis</i>
<i>Streptococcus pyogenes</i>	<i>Shigella dysenteriae</i>

\* At two ounces per gallon use-level, ZAP DISINFECTANT CLEANER is virucidal against 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<sub>2</sub> as represented by the strains commonly called the Hong Kong Flu and the London Flu Virus, on inanimate environmental surfaces.

**For Schools, Institutional and Industrial Uses:** Add one ounce per gallon of water.

At one ounce per gallon use-level, ZAP DISINFECTANT CLEANER delivers excellent cleaning and is germicidal. It is effective against *Staphylococcus aureus*, *Salmonella choleraesuis*, *Escherichia coli*, and *Trichophyton interdigitale*, the athlete's foot fungus. The same AOAC tests used above to confirm suitable performance for hospitals were used.

**For sanitizing** add one-half ounce per gallon of water. Use ZAP DISINFECTANT CLEANER for sanitizing and cleaning of utensils, equipment, and other hard surfaces. When sanitizing food processing equipment and utensils and food contact surfaces, rinse thoroughly with potable water.

Rinse empty container with water before discarding.