

OCT 9 1975

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC PUNION REGISTRATION
EPA REG. NO. 2643-7



EMERALD

Cleaner—Disinfectant—Deodorizer—Fungicide—Virucide*
Sanitizer for Hospital and Institutional Use

WARNING

KEEP OUT OF REACH OF CHILDREN: SEE SIDE PANEL
FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

ADDS Market Concentrations

1.5%
2.0%
3.0%
5.0%
10.0%
100.0%

Saquin, sprays (ATCC No. 6538)	100
Salmonella typhosa (ATCC No. 6539)	50

EPA Registration No.	2643-7
EPA Establishment No.	02643

Cro
hos
Dis
are
with
res
...
to
me
acti
...
ga
are
ode

Ke
or
skin
tion
FIR
In
of
Ren
...
...
...

Cross-infection is of major housekeeping concern not only in hospitals, but in schools, institutions, and industry. **EMERALD 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.

EMERALD DISINFECTANT CLEANER is an extremely effective one-step sanitizer. It cleans and sanitizes in waters up to 500 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 **EMERALD 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 **EMERALD 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.

At two ounces per gallon use-level, **EMERALD 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 AOCA Use-Dilution Test. Fungicidal performance was determined against *T. interdigitale* by the AOCA Fungicidal Test. At 2 ounces per gallon the broad spectrum effectiveness of **EMERALD DISINFECTANT CLEANER** is shown by its germicidal action against the following organisms:

Brevibacterium ammoniagenes, *Enterobacter aerogenes*, *Proteus mirabilis*, *Streptococcus pyogenes*, *Klebsiella pneumoniae*, *Salmonella schottmuelieri*, *Streptococcus faecalis*, *Shigella dysenteriae*

*At two ounces per gallon use-level, **EMERALD DISINFECTANT CLEANER** is virucidal against Herpes Simplex (a member of the virus family that cause infectious mononucleosis), vaccinia (representative of the pox virus) adenovirus Type 5 (a causative virus in respiratory diseases), and influenza A2 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, **EMERALD 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 **EMERALD 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. Do not reuse empty containers. Rinse thoroughly with water before discarding or returning to drum conditioner.

MANUFACTURED BY
NORTHWEST PRODUCTS CO.

SIoux FALLS, SOUTH DAKOTA