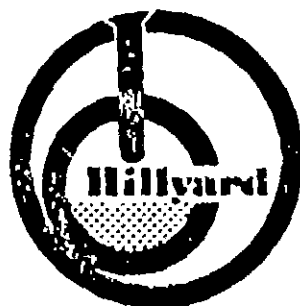


**LABEL INFORMATION**

ACCEPTED  
BY THE  
FEDERAL GOVERNMENT

AUG 05 1963

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for use in the United States registered under EPA Reg. No. 1658-27



EPA Est. No. 1658 MO 1

For Sale For Use And Storage  
By Maintenance Personnel Only #155



CLASSIFIED BY UNDERWRITERS LABORATORIES, INC. AS TO ELECTRICAL CONDUCTIVITY WHEN USED ON CONDUCTIVE FLOORS AND SPONTANEOUS HEATING 941P. FOR USE WITH ELECTRICALLY CONDUCTIVE FLOORING OF THE VINYL TYPE ALSO CLASSIFIED AS TO SLIP RESISTANCE

**Precautionary Statements**

**Hazards to Humans and domestic animals**

**DANGER**

**KEEP OUT OF REACH OF CHILDREN**

Corrosive. Causes 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 RINSE WATER THAT CANNOT BE USED ACCORDING TO LABEL INSTRUCTIONS MUST BE DISPOSED OF ACCORDING TO FEDERAL OR APPROVED STATE PROCEDURES UNDER SUBTITLE C OF THE RESOURCE CONSERVATION AND RECOVERY ACT.

**CONTAINER DISPOSAL**

TRIPLE RINSE (OR EQUIVALENT) THEN OFFER FOR RECYCLING OR RECONDITIONING, OR DISPOSE OF IN A SANITARY LANDFILL, OR BY INCINERATION IF ALLOWED BY STATE AND LOCAL AUTHORITIES.

**GENERAL**

CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

**RE-JUV-NAL+**

Disinfectant-Cleaner-Sanitizer-Fungicide-Mildewstat-Virucide\*  
Deodorizer for Hospitals, Institutional and Industrial Use  
Effective in hard water up to 400 ppm hardness (calculated as CaCO<sub>3</sub>) in the presence of 5% serum contamination

**ACTIVE INGREDIENTS:**

Octyl decyl dimethyl ammonium chloride . . . . . 1.650%  
Dioctyl dimethyl ammonium chloride . . . . . 0.825%  
Didecyl dimethyl ammonium chloride . . . . . 0.825%  
Alkyl (C14, 50%, C12, 40%, C16, 10%)  
dimethyl benzyl ammonium chloride . . . . . 2.200%

**INERT INGREDIENTS:**

. . . . . 94.500%

**TOTAL . . . . . 100.000%**

**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, gelatine solution; or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

SEE LEFT PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS

Manufactured by  
HILLYARD CHEMICAL COMPANY, St. Joseph, Missouri 64502

**DIRECTIONS FOR USE . . .**

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

Re-Juv-Nal+ is a proven "one-step" disinfectant-cleaner-sanitizer-fungicide-mildewstat-virucide which is effective in water up to 400 ppm hardness in the presence of 5% serum contamination. Apply Re-Juv-Nal+ to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks, tile, porcelain, 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 1 1/2 oz. per gallon of water, Re-Juv-Nal+ will disinfect hard non-porous surfaces in school, industry and non-medical institutions.

**2 oz. per gallon use-level.** The activity of Re-Juv-Nal+ has been evaluated in the presence of 5% serum and 400 ppm hard water by the AOAC use dilution test and found to be effective against a broad spectrum of gram negative and gram positive organisms as represented by:

- |                                |                                    |
|--------------------------------|------------------------------------|
| <i>Pseudomonas aeruginosa</i>  | <i>Enterobacter aerogenes</i>      |
| <i>Staphylococcus aureus</i>   | <i>Streptococcus faecalis</i>      |
| <i>Salmonella choleraesuis</i> | <i>Shigella dysenteriae</i>        |
| <i>Escherichia coli</i>        | <i>Brevibacterium ammoniagenes</i> |
| <i>Streptococcus pyogenes</i>  | <i>Salmonella typhi</i>            |
| <i>Klebsiella pneumoniae</i>   | <i>Serratia marcescens</i>         |

**For schools, industry and non-medical institution use:** At 1 1/2 oz./gallon of water, Re-Juv-Nal+ delivers excellent cleaning and germicidal effectiveness. It is effective against *Staphylococcus aureus*, *Salmonella choleraesuis*, *Escherichia coli* and *Serratia marcescens*. The same AOAC tests used to confirm performance for hospitals were used.

**Fungicidal Control** - Re-Juv-Nal+ 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., at 2 oz./gallon.

**Mold and Mildew Control.** At 1 1/2 oz./gallon, Re-Juv-Nal+ 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 1/2 oz. per gallon use-level, Re-Juv-Nal+ was evaluated and found to be effective in the presence of 5% serum and 400 ppm hard water, against the following viruses: Influenza A/Brazil, Herpes Simplex and Vaccinia on inanimate environmental surfaces.

**Sanitizing-Non Food Contact Surfaces** (such as floors, walls, tables, etc.). At 1 oz. per 2 1/2 gallon use-level! Re-Juv-Nal+ is an effective sanitizer against *Staphylococcus aureus* and *Klebsiella pneumoniae* on hard porous and non-porous environmental surfaces. Treated surfaces must remain wet for 60 seconds.



#155

# RE-JUV-NAL+

ACCEPTED  
BY THE  
EPA

The proven time-saving, labor-saving, hospital grade, disinfectant/detergent/deodorizer that cleans as it disinfects, even in water up to 400 ppm hardness in the presence of 5% serum contamination, in one easy operation without rinsing.\*

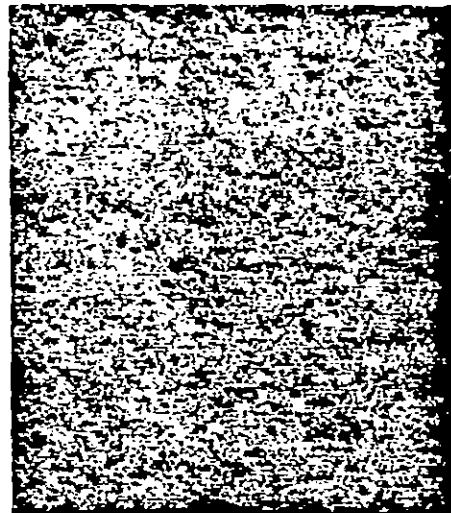
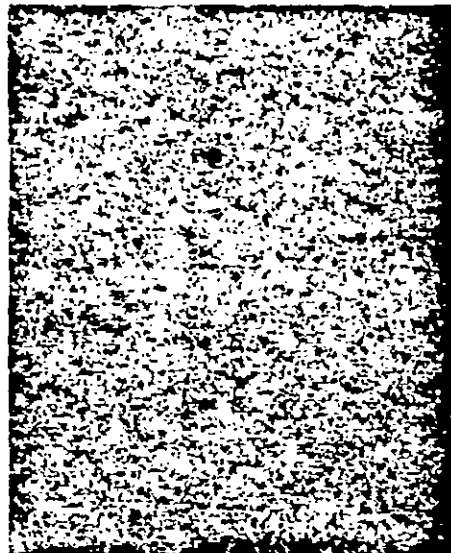
Re-Juv-Nal+ saves time and labor for cleaning where various levels of cleaning are required. When used regularly in proper dilutions, it reduces the hazard of cross contamination from environmental surfaces in commercial, institutional and industrial buildings. Plus, it's effective in hard waters (up to 400 ppm) in the presence of 5% serum contamination.

### VIRUCIDAL\*\*, FUNGICIDAL

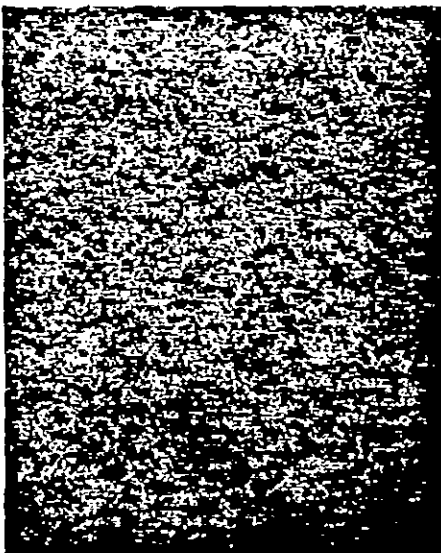
In a single disinfectant/detergent, Re-Juv-Nal+ offers effective control against a broad spectrum of bacteria. It is virucidal, fungicidal, and will prevent the growth of mold and mildew and their odors when used as directed. It's a specially adapted disinfectant for hospital use, nursing homes, operating rooms, nurseries, restrooms, hotels, industrial areas and institutions.

### PROVEN EFFECTIVE

Re-Juv-Nal+ is a time-tested formulation that leaves your floors and other surfaces clean and bright. Listed under U.S.D.A. Poultry, Meat, Rabbit and Egg Products inspection program, classifications A-4 and C-1.



Available in 5 and 55 gallon containers



### ECONOMICAL

It just takes 2 ounces of Re-Juv-Nal+ per gallon of water for regular cleaning and mild disinfecting claims. Its economical use dilution saves unnecessary product inventory.

### HELPS CONTROL BACTERIA

Re-Juv-Nal+ contains quaternary germicidal agents. It's staphylocidal and pseudomonacidal when used according to label directions.

### EPA REGISTERED

Re-Juv-Nal+ is registered by the Environmental Protection Agency. EPA REG. NO. 1658-27.

### SPRAYABLE

For larger areas you can save time by spraying Re-Juv-Nal+ with a mechanical sprayer. Re-Juv-Nal+ cleans and disinfects surfaces with a simple spray application.

### SAVES LABOR

Re-Juv-Nal+ saves additional labor in buildings that require various levels of cleaning. No wasted time changing products. It takes the drudgery out of cleaning while its soaking and penetrating action works for you. It also saves time by eliminating rinsing in non-food processing areas. You only need to rinse in food preparation areas and before polish application.

### VERSATILE

Re-Juv-Nal+ can be used on any type of flooring that water will not harm — resilient tile, terrazzo, concrete, marble or sealed wood. It can also be used on walls, ceilings, woodwork and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks, tile, porcelain and bedframes.

\* See label for details

### CONTROLS ODORS

Re-Juv-Nal+ has a clean, pleasant fragrance. It leaves surfaces sparkling clean with a floral scent.

### NO HARMFUL RESIDUE

Because Re-Juv-Nal+ has no harsh, non-soluble particles, it won't wear the surface during cleaning or remain on the floor after drying to act as grinding dust under shoe leather.

### NO BUILDUP

Re-Juv-Nal+ cleans even with the hardest water so it doesn't leave "Calcium Soap" or soap scum to dull colors, catch dirt or create unsightly buildup.

### U.L. CLASSIFIED

Re-Juv-Nal+ is classified by Underwriters Laboratories, Inc. \* as to electrical conductivity when used on

conductive floors and spontaneous heating, 941P. And it's approved for use with vinyl type electrically conductive flooring. It's also U.L. classified as to slip resistance, 186S.

\*\*Virucidal: Influenza A/Brazil, Herpes Simplicx and Vaccinia Virus at 1.25 oz. per gallon use-level on inanimate environmental surfaces.

ACCEPTED  
BY UNDERWRITERS  
LABORATORIES, INC.

AUG 05 1953

THIS PRODUCT IS IN COMPLIANCE WITH THE FEDERAL INSECTICIDE ACT AS AMENDED BY THE PESTICIDE CONTROL ACT UNDER EPA REG. NO. 1658-27

### TECHNICAL DATA — RE-JUV-NAL+

1. Nonvolatile matter .....	10.5% minimum	8. Flash point(T.C.C.) .....	None
2. Color .....	Pink	9. Freezing point .....	Below 30°F.
3. Odor .....	Floral bouquet	10. Freeze-thaw stability .....	Stable after agitation
4. Clarity .....	Clear	11. pH, concentrate .....	12.3 - 13.3
5. Sediment .....	None	12. Germicide type .....	Quaternary (Four)
6. Viscosity, Gardner, 25°C. ....	A-5	13. Synthetic detergent .....	Present
7. Weight per gallon, 25°C .....	8.5 lbs (3.86 kg.)	14. Soap .....	None

#### TEST METHODS:

1. ASTM D2834
5. ASTM D1290
7. ASTM D1475
8. ASTM D56
11. ASTM E70

#### APPROVALS:

CLASSIFIED BY UNDERWRITERS LABORATORIES, INC. \* AS TO ELECTRICAL CONDUCTIVITY WHEN USED ON CONDUCTIVE FLOORS AND SPONTANEOUS HEATING, 941P. FOR USE WITH ELECTRICALLY CONDUCTIVE FLOORING OF THE VINYL TYPE. ALSO CLASSIFIED AS TO SLIP RESISTANCE.

EPA Reg. No. 1658-27  
EPA Est. No. 1658-MO-1

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