

#3420

ACCEPTED

JUN 29 1983

Under the Federal Insecticide, Fungicide, and Rodenticide Act, a pesticide for the pesticide registered under EPA Reg. No. 1658-29

# PRO-LINE DISINFECTANT CLEANER 64

The time-saving, labor-saving disinfectant/cleaner/sanitizer/fungicide/mildewstat/virucide\*/deodorizer that cleans as it disinfects, even in the presence of 5% serum contamination, in one easy operation without rinsing.\*\*

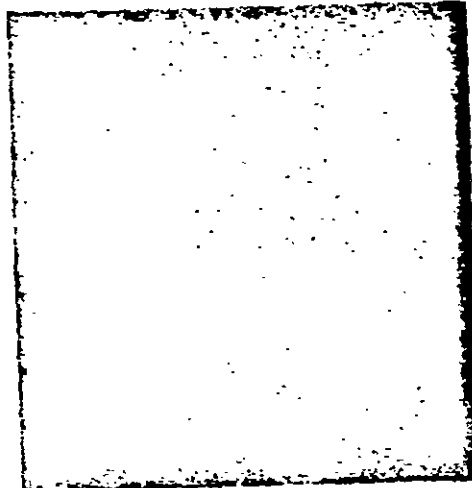
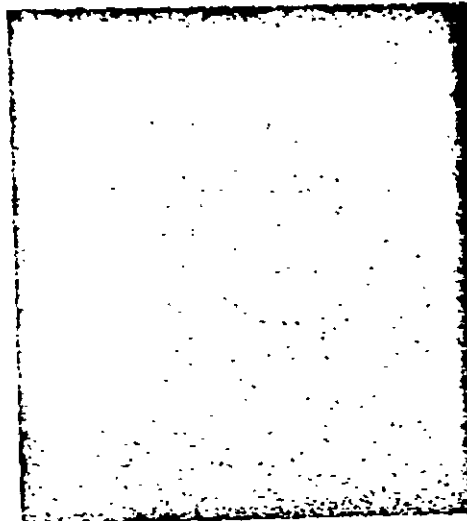
Pro-Line Disinfectant Cleaner 64 saves time and labor for cleaning where various levels of cleaning are required. When used regularly in proper dilutions, it reduces the hazard of cross-contamination from environmental surfaces in commercial, non-medical institutions and industrial buildings. Plus, it's effective in the presence of 5% serum contamination.

## VIRUCIDAL\*, FUNGICIDAL

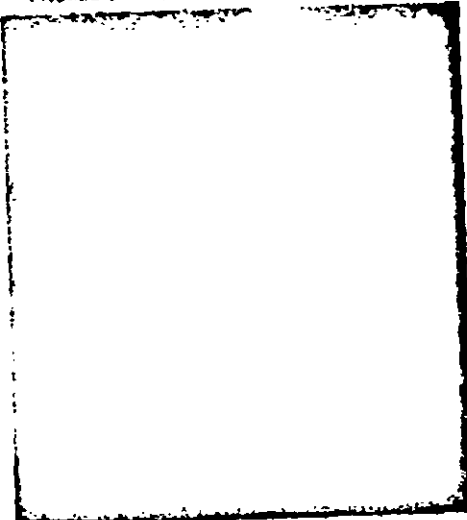
In a single disinfectant/detergent, Pro-Line Disinfectant Cleaner 64 offers effective control against a broad spectrum of bacteria, is virucidal, fungicidal, and will prevent the growth of mold and mildew and their odors when used as directed. It's a specially adapted disinfectant for schools, non-medical institutions, restrooms, hotels and industrial areas.

## HELPS CONTROL BACTERIA

Pro-Line Disinfectant Cleaner 64 contains quaternary germicide agents. It's staphylocidal and helps reduce the hazard of cross-contamination on environmental surfaces when used according to directions.



Available in 1, 5 and 55 gallon containers.



## EPA REGISTERED

Pro-Line Disinfectant Cleaner 64 is registered by the Environmental Protection Agency, EPA REG. NO. 1658-29.

## SPRAYABLE

For larger areas you can save time by spraying Pro-Line Disinfectant Cleaner 64 with a mechanical sprayer. It cleans and disinfects surfaces with a simple spray application.

## SAVES LABOR

Pro-Line Disinfectant Cleaner 64 saves additional labor steps 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

Pro-Line Disinfectant Cleaner 64 can be used on any type of that 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.

## CONTROLS ODORS

Pro-Line Disinfectant Cleaner 64 has a clean, pleasant fragrance. It leaves surfaces sparkling clean with an alpine scent.

BLEND WITH AMMONIA

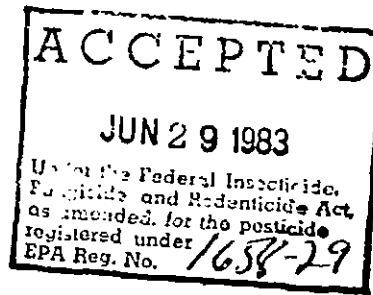
**NO RESIDUE**

Because Pro-Line Disinfectant Cleaner 64 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.

**U. L. CLASSIFIED**

Pro-Line Disinfectant Cleaner 64 is classified by the Underwriters Laboratories, Inc.® as to electrical conductivity when used on conductive floors and spontaneous heating. 941P. It's excellent for use with vinyl type electrically conductive flooring. It's also U.L. classified as to slip resistance.

\*Virucidal: Influenza A/Brazil, Herpes Simplex and Vaccinia Virus at 2 oz. per gallon use-level on inanimate environmental surfaces.



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**TECHNICAL DATA — PRO-LINE DISINFECTANT CLEANER 64**

1. Nonvolatile matter .....	7% minimum	8. Flash point (T.C.C.) .....	None
2. Color .....	Green	9. Freezing point .....	Below 30°F.
3. Odor .....	Alpine	10. Freeze-thaw stability .....	Stable after agitation
4. Clarity .....	Clear	11. pH, concentrate .....	12.4 - 13.4
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:**

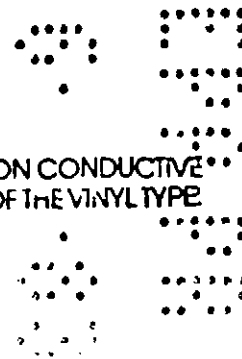
CLASSIFIED BY UNDERWRITERS LABORATORIES, INC.® AS TO ELECTRICAL CONDUCTIVITY WHEN USED ON CONDUCTIVE FLOORS AND SPONTANEOUS HEATING. 941P. FOR USE WITH ELECTRICALLY CONDUCTIVE FLOORING OF THE VINYL TYPE ALSO CLASSIFIED AS TO SLIP RESISTANCE.

EPA Reg. No. 1658-29  
EPA Est. No. 1658-MO-1

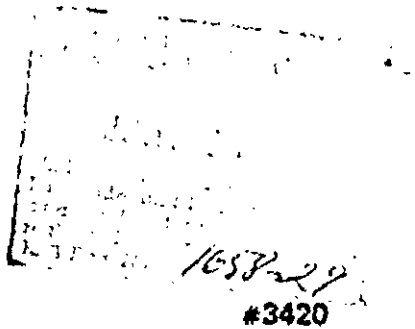
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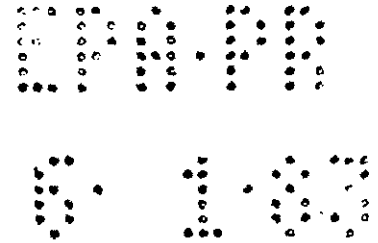
Manufactured by HILLYARD CHEMICAL COMPANY, St. Joseph, Missouri 64502 U.S.A.



**LABEL INFORMATION**



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For Sale For Use And Storage  
By Maintenance Personnel Only

CLASSIFIED BY UNDERWRITERS LABORATORIES, INC. AS TO ELECTRICAL CONDUCTIVITY WHEN USED ON CONDUCTIVE FLOORS AND SPONTANEOUS HEATING. SAIP. 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.

#3420

**Hillyard  
PRO-LINE**

**DISINFECTANT CLEANER 64**

Disinfectant-Cleaner-Sanitizer-Fungicide-Mildewstat-Virucide\*.  
Deodorizer with Organic Soil Tolerance for Schools,  
Industry and Non-Medical Institutions

**ACTIVE INGREDIENTS:**

Octyl Decyl Dimethyl Ammonium Chloride	0.54%
Dioctyl Dimethyl Ammonium Chloride	0.27%
Didecyl Dimethyl Ammonium Chloride	0.27%
Alkyl (C14, 50%; C12, 40%; C16, 10%) Dimethyl Benzyl Ammonium Chloride	0.72%
<b>INERT INGREDIENTS:</b>	<b>98.20%</b>
<b>TOTAL:</b>	<b>100.00%</b>

EPA Reg. No. 1658-29

EPA Est. No. 1658-MO-1

**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, gelatin 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

**DIRECTIONS FOR USE**

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

Pro-Line Disinfectant Cleaner 64 is a proven "one-step" cleaner-disinfectant-sanitizer-fungicide-mildewstat-virucide in the presence of moderate amounts of organic soil.

Apply Pro-Line Disinfectant Cleaner 64 to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks 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, add 2 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes.

The activity of Pro-Line Disinfectant Cleaner 64 has been evaluated in the presence of 5% serum 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:

Escherichia coli	Salmonella typhi
Salmonella choleraesuis	Klebsiella pneumoniae
Staphylococcus aureus	Salmonella schottmuelleri
Streptococcus pyogenes	Shigella dysenteriae
Serratia marcescens	Brevibacterium ammoniagenes

**Fungicidal Performance** - Pro-Line Disinfectant Cleaner 64 is effective against Trichophyton mentagrophytes (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, shower and bath areas, exercise areas, dressing rooms, etc., at 2 oz./gallon.

**Mold and Mildew Control.** At 2 oz./gallon, Pro-Line Disinfectant Cleaner 64 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 2 oz. per gallon use-level, Pro-Line Disinfectant Cleaner 64 was evaluated in the presence of 5% serum and found to be effective 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 5 oz. per 4.5 gallon use-level, 30 second contact time, Pro-Line Disinfectant Cleaner 64 is an effective sanitizing agent against Staphylococcus aureus and Klebsiella pneumoniae in the presence of 5% serum on porous and non-porous environmental surfaces.

Manufactured by  
HILLYARD CHEMICAL CO., St. Joseph, MO 64502 U.S.A.

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