

**BEST AVAILABLE COPY**

Cross-contamination is of major housekeeping concern in schools, medical institutions, and industry. Pine Odor Disinfectant has been formulated to aid in the reduction of cross-contamination in these areas.

Pine Odor Disinfectant is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is fungicidal, and will prevent the growth of mold and mildew and their odors when used as directed.

Pine Odor Disinfectant is an effective one-step sanitizer-cleaner for use on non-food contact surfaces.

When used as directed, Pine Odor Disinfectant will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause mal odors.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
DANGER**

Keep out of reach of children. Corrosive. Causes eye damage and skin irritation. 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.

**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.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame.

**For Sale For Use And Storage  
By Maintenance Personnel Only**

**ACCEPTED  
with COMMENTS  
by EPA Letter Dated:**

**APR 23 1985**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

**11314-3**

**PINE**

Disinfectant-Cleaner-Sanitizer  
& Non-Medical Use Areas\* Ph  
For Non-Medical Use

EPA Registration No. 1750-

**ACTIVE INGREDIENTS**

Octyl decyl dimethyl ammonium chloride  
Dioctyl dimethyl ammonium chloride  
Didecyl dimethyl ammonium chloride  
Alkyl (C<sub>14</sub>, 50%; C<sub>12</sub>, 40%; C<sub>18</sub>,  
dimethyl benzyl ammonium chloride  
Pine Oil

**INERT INGREDIENTS**

**TOTAL**

**KEEP**

(See left page)

**NET: 1 U.S.**

Manufactured by **BEST MAIN**

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## DIRECTIONS FOR USE

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

Pine Odor Disinfectant is a proven "one-step" cleaner-disinfectant-sanitizer-fungicide-mildewstat in the presence of organic soil.

Apply Pine Odor Disinfectant to walls, floors and other hard (inanimate) surfaces such as tables, chairs, countertops, sinks and bedframes with a cloth, mop, or mechanical spray; surface must be sprayed until thoroughly wetted. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when use solution becomes visibly dirty. Surfaces must remain wet for ten minutes.

**Disinfection — Non-Medical Use Areas\*\* —** Schools, Institutions, and Industries. At 2.5 oz. per gallon use level, the activity of Pine Odor Disinfectant has been evaluated by the AOAC Use-Dilution method and found to be effective against a broad spectrum of gram positive and gram negative organisms as represented by

<i>Serratia marcescens</i>	<i>Streptococcus pyogenes</i>
<i>Salmonella typhi</i>	<i>Streptococcus faecalis</i>
<i>Staphylococcus aureus</i>	<i>Enterobacter aerogenes</i>
<i>Salmonella choleraesuis</i>	<i>Shigella dysenteriae</i>
<i>Escherichia coli</i>	<i>Brevibacterium ammoniagenes</i>

**Non-Medical Use Areas\*\* —** At 5 oz. per gallon use level, the activity of Pine Odor Disinfectant has been evaluated in the presence of both 5% blood serum and 400 ppm hard water against *Staphylococcus aureus*, *Salmonella choleraesuis* and *Escherichia coli*.

**Medical Use Areas\* —** Hospitals and Nursing Homes. At 5 oz. per gallon use level. At this dilution Pine Odor Disinfectant is effective against *Pseudomonas aeruginosa*.

**Fungicidal Control —** At 2.5 oz. per gallon use level, Pine Odor Disinfectant when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities. Fungicidal activity has been demonstrated in the presence of both 5% blood serum and 400 ppm hard water against *Trichophyton mentagrophytes* (the athlete's foot fungus).

**Mold and Mildew Control —** At 2.5 oz. per gallon use level, Pine Odor Disinfectant 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 application when mildew growth returns.

**Sanitizing-Non-Food Contact Surfaces** (such as floors, walls, tables, etc.). At 1 oz. per gallon use level prepared in water up to 600 ppm hardness, Pine Odor Disinfectant 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.

4/84

## STORAGE AND DISPOSAL

- Do not contaminate water, food or feed by storage or disposal.
- Do not reuse empty container.
- Rinse empty container thoroughly with water and detergent and discard in trash collection.



## ODOR DISINFECTANT

STOCK NO. 01226 (D226)

Fungicide-Mildewstat-Deodorizer with Organic Tolerance For Medical  
Disinfectant Hard Water (400 ppm Calculated As  $\text{CaCO}_3$ ) Tolerance  
Areas\*\* Hospital-Institutional-Industrial and School Use

EPA Establishment No. 11319-CA-01

chloride	0.570%
borate	0.285%
borate (10%)	0.285%
chloride	0.780%
	2.500%
	95.600%
	100.000%

OUT OF REACH OF CHILDREN

DANGER

See label for additional precautionary statements)

1 GALLON OR 3.785 LITERS

MANUFACTURED BY: MANENCE SUPPLY CO., 1922 E. 7th Place, Los Angeles, CA 90021