

# ENVIRO-PINE

**Cleaner, Disinfectant, Fungicide, Mildewstat, Deodorizer, Sanitizer with Organic Soil Tolerance For Medical and Non-Medical Use Areas\*, Plus Disinfectant Hard Water (400 ppm calculated as CaCO<sub>3</sub>) Tolerance for Non-Medical Use Areas\*\* Hospital, Institutional and School Use.**

## ACTIVE INGREDIENTS:

Octyl Decyl Dimethyl Ammonium Chloride .....	0.570%
Didecyl Dimethyl Ammonium Chloride .....	0.285%
Diocetyl Dimethyl Ammonium Chloride .....	0.285%
Alkyl (C <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>16</sub> , 10%) dimethyl benzyl ammonium chloride .....	0.760%
Pine Oil .....	2.500%
<b>INERT INGREDIENTS:</b> .....	<b>95.600%</b>
<b>TOTAL</b> .....	<b>100.000%</b>

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

EPA Reg. #10324-66-59224  
EPA Est. #34282-PA-01

See Product Label for  
Precautionary Statements and First Aid

## Technical Data

<b>Color</b>	<b>Brown</b>
<b>Odor</b>	<b>Pine Scented</b>
<b>pH @25 °C</b>	<b>9.0-11.0</b>
<b>Nonvolatile Solids</b>	<b>6.0-6.5%</b>
<b>Viscosity @25 °C</b>	<b>Free Flowing</b>
<b>Specific Gravity @20 °C</b>	<b>0.995</b>
<b>Weight Per Gallon @20 °C</b>	<b>8.23 lbs</b>

Cross contamination is of major housekeeping concern in schools, medical institutions, and industry. This product has been formulated to aid in the reduction of cross contamination.

This product 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.

This product is an effective one-step sanitizer-cleaner for use on non-food contact surfaces.

When used as directed, this product 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.

## DIRECTIONS FOR USE

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

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

Apply to walls, floors and other hard (inanimate) surfaces such as tables, chairs, countertops, sinks and bed frames 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. Surfaces must remain wet for 10 minutes. Let air dry.

**DISINFECTION – Medical Use Areas\*** - Hospitals and Nursing Homes. At 5 ounces per gallon use level. At this dilution this product is effective against:

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

**Non-Medical Use Areas (Hard Water)\*\*** At 5 ounces per gallon use level the activity of this product has been evaluated in the presence of both 5% blood serum and 400 ppm hard water against *Staphylococcus aureus*, *Salmonella choleraesuis* and *Escherichia coli*.

**FUNGICIDAL CONTROL** At 2.5 ounces per gallon use level. This product when used on surfaces 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 ounces per gallon, this product 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). Treated surfaces must remain wet for 60 seconds. Allow to dry on surface and repeat when mildew growth returns.

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

Acceptable for use in federally inspected meat and poultry establishments. The use of all cleaning compounds in federally inspected meat and poultry establishments must be followed by a potable water rinse. Do not use undiluted. Avoid contact with eyes and mucous membranes.