

Pine Clean D is effective against a wide variety of gram-positive and gram-negative bacteria. It is also an excellent deodorant and is especially effective in controlling odors that are bacterial in origin.

Pine Clean D mixes with water to form clear, stable use solutions. Use solutions are non-corrosive and non-staining to plastic, vinyl, synthetics, enamel, tile and most common metals. Has a pleasant pine odor.

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

Causes severe eye and skin damage. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Avoid contamination of food. Wear goggles or face mask and rubber gloves when handling.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish. Do not discharge into lakes, streams, ponds, or public water unless in accordance with an NPDES Permit.

**PHYSICAL OR CHEMICAL HAZARDS:** Do not use or store near heat or open flame.

**USE DIRECTIONS**

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

**APPLICATION INFORMATION**

Select the proper dilution of THIS PRODUCT for your use from the directions below. Apply the use solution with a clean mop, sponge, cloth, squeegee, or mechanical scrubber.

Prepare fresh use solutions daily. Do not reuse solutions. Discard solutions when they become visibly soiled. For disinfection, thoroughly wet the surfaces to be treated. Surfaces must remain moist for at least 10 minutes to assure proper germicidal action.

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
49292-4  
MAY 10 1984**

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

**Pine Clean D  
DISINFECTANT, CLEANER, DEODORANT  
Pine Odor**

\*Kills Pseudomonas, Salmonella and Staphylococcus.  
\*\*Virucidal

**ACTIVE INGREDIENTS:**

Pine oil .....	3.95%
Alkyl (C <sub>10</sub> , 58%; C <sub>16</sub> , 28%; C <sub>12</sub> , 14%) dimethyl Benzyl ammonium chloride .....	1.97%
INERT INGREDIENTS: .....	94.08%
TOTAL INGREDIENTS .....	100.00%

\*This disinfectant is effective at 6 oz./gal. against Pseudomonas aeruginosa F.D-10, Salmonella choleraesuis ATCC 10708, and Staphylococcus aureus ATCC 6538 when tested by the A.O.A.C. Use Dilution Test Method for precleaned, hard non-porous surfaces.

\*\*This disinfectant is also an effective virucide at 6 oz./gal. for Influenza virus, Type A, Brazil on inanimate environmental surfaces.

This product may be used for cleaning and deodorizing, one-step cleaning, and disinfection, or disinfection of precleaned, non-porous, inanimate hard surfaces.

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

(See additional precautions on side panel)

**PRACTICAL TREATMENT (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 contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, raw egg whites, gelatin solution or, if these are not readily available, drink a large quantity of water. Avoid alcohol. Call a physician immediately.

EPA Reg. No. 49292-

EPA Est. No. 49292-WA-01

**FOR INDUSTRIAL, COMMERCIAL OR MEDICAL USE ONLY**

Manufactured by:  
**Formula Corporation**  
420 S. 96th St., Suite 20  
Seattle, WA 98108

NET CONTENTS:  
1 U.S. Gal.

This product may be used for cleaning and disinfecting hard, non-porous, inanimate environmental surfaces (glass, metal, glazed porcelain, linoleum, tile, smooth leather, vinyl, enameled and finished wood surfaces) on walls, floors, appliances and furnishings.

**CLEANING**

To Clean and Deodorize or to Preclean Prior to Disinfection. Depending on the soil level of the area to be cleaned, use 3 to 12 oz. of Pine Clean D per gallon of water.

**DISINFECTING**

Hospitals, Veterinary Clinics, Nursing Homes: Use 7 1/2 oz. of Pine Clean D per gallon of water (1 part to 16 parts water) for one-step cleaning and disinfection of areas with light to medium soil loads. For heavily soiled areas, preclean as described above and then disinfect with Pine Clean D at 6 oz. per gallon (1 part to 20 parts water).

Industrial areas, Barber Shops, Restrooms, Restrooms, Food and Meat Processing Plants (non-food processing areas), Other Non-Medical uses: Preclean surfaces. Then, disinfect with a solution of 4 oz. of Pine Clean D in a gallon of water (1 part to 32 parts water). Alternatively, clean and disinfect in one operation using 7 1/2 oz. of Pine Clean D per gallon of water.

For deodorizing garbage cans, garbage trucks, industrial waste receptacles, and garbage handling equipment. It is especially important to preclean for the product to perform properly. Then, apply a wetting concentration of 16 oz. of Pine Clean D per gallon of water.

For mildew controls: Follow directions for hospital disinfection. Repeat treatment every seven days, or when new growth appears.

Pine Clean D may be used through automatic floor scrubbing equipment.

Pine Clean D must not be used on food contact surfaces.

**DISPOSAL:** Do not reuse empty container. Wrap and put in trash collection.

**BEST DOCUMENT AVAILABLE**

<b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> <b>OFFICE OF PESTICIDES PROGRAMS</b> <b>REGISTRATION DIVISION (HH-567)</b> <b>WASHINGTON, D.C. 20460</b>	EPA REGISTRATION NO.	DATE OF ISSUANCE
	TERM OF ISSUANCE	MAY 10 1984
	NAME OF PESTICIDE PRODUCT	
<b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>		
<b>NAME AND ADDRESS OF REGISTRANT (Include ZIP code)</b>		
<p style="text-align: center;">[ Faint, illegible text ]</p>		
<p><b>NOTE:</b> Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.</p>		
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This registration is subject to the provisions of Section 3(c)(7)(D) of the FIFRA Act of the Act, which reads as follows:</p> <p>(1) If the registrant has not submitted all of the data or other information required for complete registration of such a product under Section 3(c)(7) of the Act, the registrant shall be deemed to be in violation of the Act and shall be liable to suspension of registration.</p> <p>(2) The registrant shall be liable to suspension of registration if the product is found to be in violation of the Act.</p> <p>(3) The registrant shall be liable to suspension of registration if the product is found to be in violation of the Act.</p> <p>(4) The registrant shall be liable to suspension of registration if the product is found to be in violation of the Act.</p> <p>(5) The registrant shall be liable to suspension of registration if the product is found to be in violation of the Act.</p> <p>(6) The registrant shall be liable to suspension of registration if the product is found to be in violation of the Act.</p> <p>(7) The registrant shall be liable to suspension of registration if the product is found to be in violation of the Act.</p> <p>(8) The registrant shall be liable to suspension of registration if the product is found to be in violation of the Act.</p> <p>(9) The registrant shall be liable to suspension of registration if the product is found to be in violation of the Act.</p> <p>(10) The registrant shall be liable to suspension of registration if the product is found to be in violation of the Act.</p>		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE