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1658-22  
PM 32  
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#6180

# floor care supply PINE ODOR DISINFECTANT CLEANER

DISINFECTANT, CLEANER, DEODORANT - PINE ODOR - \*KILLS PSEUDOMONAS, SALMONELLA AND STAPHYLOCOCCUS - \*\*VIRUCIDAL

<b>ACTIVE INGREDIENTS:</b>	
Pine Oil .....	3.95%
Alkyl (C <sub>12</sub> , 58%, C <sub>14</sub> , 28%, C <sub>16</sub> , 14%) dimethyl benzyl ammonium chloride .....	1.97%
<b>INERT INGREDIENTS:</b> .....	94.08%
<b>TOTAL INGREDIENTS:</b> .....	100.00%

EPA Reg. No. 1658-22

EPA Est. No. 1658-MO-1

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

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

\*\*This disinfectant is also an effective virucide at 6 oz./gal. for Influenza virus, Type A, Brazil and Herpes Simplex Type 2 on inanimate environmental surfaces.

When applied as directed to pre-cleaned hard, non-porous surfaces, this disinfectant also kills the following organisms at 6 ounces per gallon: *Candida albicans*, *Escherichia coli*, *Streptococcus pyogenes*, *Enterobacter aerogenes*, *Shigella sonnei*.

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

**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.

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 Pre-clean Prior to Disinfection. Depending on the soil level of the area to be cleaned, use 3 to 12 oz. of THIS PRODUCT per gallon of water.

**DISINFECTING:** Hospitals, Veterinary Clinics, Nursing Homes: Use 7 1/2 oz. of THIS PRODUCT 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, pre-clean as described above and then disinfect with THIS PRODUCT at 6 oz. per gallon (1 part to 20 parts water).

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

For deodorizing garbage cans, garbage trucks, industrial waste receptacles, and garbage handling equipment. It is especially important to pre-clean for the product to perform properly. Then, apply a wetting concentration of 16 oz. of THIS PRODUCT per gallon of water.

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

THIS PRODUCT may be used through automatic floor scrubbing equipment.

THIS PRODUCT must not be used on food contact surfaces.

## PRECAUTIONARY STATEMENTS — HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### DANGER

#### KEEP OUT OF REACH OF CHILDREN

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.

**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.

**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.

**STORAGE AND DISPOSAL:** Store only in tightly closed, original container in a secure area inaccessible to children and away from food or feed. Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

### FOR USE IN INDUSTRIAL, COMMERCIAL OR MEDICAL AREAS ONLY

Manufactured by HILLYARD CHEMICAL COMPANY, St. Joseph, Missouri 64502 U.S.A. — Telephone: 816-233-1321

# NET CONTENTS: 5 U.S. GALLONS OR 18.925 LITERS