

# Pine-O- Cide® II

Cleans, disinfects and deodorizes hard surfaces. Effective against a broad spectrum of both gram-positive and gram-negative bacteria. Kills odor-causing bacteria. Leaves restroom smelling fresh and clean. Active Ingredients: Pine oil 3.95%, Alkyl (C14, 58%; C16, 28%; C12, 14%) dimethyl benzyl ammonium chloride 1.97%. Other Ingredients: 94.08%.

- Proven effective against a broad spectrum of bacteria.
- Pleasant pine fragrance.
- EPA registered disinfectant.

## Technical Specifications

Appearance	Clear
Dilution Rate	1:20
Color	Brown
Scent	Pine
Non Volatile Matter	5.50 - 6.50%
pH @ 25 deg. C	6.50 - 9.50
EPA Registration No.	EPA Reg. No. 6836-169-1658

## HMIS (Concentrate/RTU)

Flammability = 3      Health = 3      Reactivity = 0

## Directions

This is an EPA registered disinfectant. Please refer to the actual container label for complete directions. It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**APPLICATION INFORMATION:** Select the proper use-dilution of Pine-O-Cide II from the directions below. Apply the use-solution with a clean mop, sponge, cloth, squeegee, or mechanical scrubber. For disinfection, thoroughly wet the surfaces to be treated. Surfaces must remain moist for at least 10 minutes to assure proper germicidal action. Wipe dry with a clean cloth or sponge or allow to air dry.

Rinse all surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. Do not use this product on utensils, glassware or dishes. Prepare fresh use solutions daily. Do not reuse solutions. Discard solutions when they become visibly soiled.

**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-O-Cide II per gallon of water.

**Disinfecting: Hospitals, Healthcare Facilities (Clinics), Nursing Homes:** Use 7½ oz. of Pine-O-Cide II 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



## Safety

See material safety data sheet and product for safety information, handling and proper use.

## Availability

HIL0018506      4 - 1 Gallon Containers  
HIL0018509      1 - 55 Gallon Drum

soiled areas, preclean as described above and then disinfect with 6 oz. of Pine-O-Cide II per gallon of water (1 part to 20 parts water). This product is not to be used on medical device surfaces.

**Schools, Industrial Areas, Homes, Restrooms, Restaurants, Food and Meat Processing Plants (non-food, processing areas), Public Rooms, Other Non- Medical use sites:** Preclean surfaces. Then, disinfect with a use-solution of 4 oz. of Pine-O-Cide II in a gallon of water (1 part to 32 parts water). Alternatively, clean and disinfect in one operation using 7½ oz. of Pine-O-Cide II per gallon of water.

**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-O-Cide II per gallon of water.

**FOR MILDEW CONTROL:** Follow directions for hospital disinfection. Repeat treatment every seven days, or more often if new growth appears.

**FUNGICIDAL ACTIVITY** - At 7-1/2 oz. per gallon of water (or equivalent dilution) this product is effective against *Candida albicans* on hard non-porous surfaces.

**TOILET BOWL / URINAL DISINFECTANT AND CLEANER DIRECTIONS:** Empty toilet bowl or urinal and apply a 7½ oz. per gallon of water use-solution to exposed surfaces including under the rim with a cloth, mop, sponge or sprayer. Brush or swab thoroughly and allow to stand for 10 minutes and flush.

**VEHICLES:** Clean all vehicles including mats, crates, cabs and wheels with high pressure water and this product. Use 7½ ounces of this product per gallon of water to treat vehicles. Leave all surfaces wet for 10 minutes or more.

**Efficacy:**

**\*BACTERICIDAL ACTIVITY: 10-minute** contact time, *Pseudomonas aeruginosa* PRD-10, *Salmonella enterica* ATCC 10708, and *Staphylococcus aureus* ATCC 6538, *Enterobacter aerogenes*, *Escherichia coli*, *Shigella sonnei*, *Streptococcus pyogenes*.

**\*\*VIRUCIDAL ACTIVITY: 10-minute** contact time, Herpes Simplex Virus Type 2 and Influenza Virus Type A/Brazil. Kills Pandemic 2009 H1N1 influenza A virus.

**FUNGICIDAL ACTIVITY: 10-minute** contact time, *Candida albicans*

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