



PSQ[®] II

Pine-Scented Disinfectant



This product is a one-step cleaner designed for disinfecting on hard, non-porous surfaces.

EPA Registration Number: 10324-93-5741

FEATURES & BENEFITS

- Will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces
- Is an effective fungicide against *Trichophyton mentagrophytes* (the fungus which causes athlete's foot) (a cause of Ringworm) in the presence of 5% blood serum and 400 ppm water hardness as CaCO₃
- Will not harm sealed stone, sealed grout, or glazed tile
- Is effective against the control of small flies on non-food contact surfaces such as floors, walls, drains, countertops, metal surfaces, painted surfaces, glazed porcelain, glazed tile, glass, chrome, rubber, and plastic in restaurants, kitchens, dish washing areas, and bar and wait stations

APPLICATIONS

This product, when used as directed, is formulated to disinfect on hard, non-porous surfaces such as:

- Shower stalls, shower doors and curtains, bathtubs and glazed tiles, chrome-plated intakes, toilets, toilet seats, toilet bowls, toilet bowl surfaces, urinals, portable and chemical toilets and latrine buckets, vanity tops, restroom fixtures, bathroom fixtures, bathroom bowls, basins, tubs
- Tables, chairs, desks, folding tables, lifts, washable walls, cabinets, doorknobs, handles, shelves, racks and carts
- Garbage cans/pails, trash barrels, trash cans, trash containers, cuspidors, spittoons, industrial waste receptacles, garbage handling equipment
- Automobile interiors, mats, crates, cabs, wheels
- Large inflatable, non-porous plastic and rubber structures such as animals, promotional items, moonwalks, slides, obstacle course play and exercise equipment, maintenance equipment, playground equipment

SPECIFICATION DATA

Dilution	2-4 oz./gal.
pH (Concentrate)	11.0-12.0
Color	Green
Fragrance	Pine
Specific Gravity @ 24°C/75°F	1.025
Density	8.53 lbs./gal.
Viscosity	Water-thin
Cloud Point	None to boiling
Flash Point	None to boiling
Stability: Shelf @ 24°C/75°F	One year minimum
Stability: Freeze/Thaw	Will withstand 3 cycles

ADDITIONAL RESOURCES

Scan the QR code to access this product's safety information and documentation.



SAFETY: For institutional and industrial use only. Be sure to read all directions, precautionary and first aid statements on product labels before using this or any other Spartan product. If questions remain, consult your employer or a physician. Safety Data Sheets for all Spartan products are available from your authorized Spartan distributor and at www.spartanchemical.com. Workplace labels are available in English, Spanish, and French.

GUARANTEE: Spartan's modern manufacturing and laboratory control ensures uniform quality. If dissatisfied with performance of product, any unused portion may be returned for credit within 12 months of the date of manufacture.

EFFICACY DATA

DISINFECTION PERFORMANCE

This product kills the following bacteria in 10 minutes at 2 oz. per gallon of water (700 ppm active) and 5% soil on hard, non-porous surfaces:

- *Acinetobacter baumannii* (ATCC 19606)
- *Bordetella bronchiseptica* (ATCC 10580)
- *Campylobacter jejuni* (ATCC 29428)
- *Corynebacterium ammoniagenes* (ATCC 6871)
- *Enterobacter aerogenes* (ATCC 10348)
- *Enterococcus faecalis* (ATCC 19433)
- *Escherichia coli* (ATCC 11229)
- *Escherichia coli* 0111:H8 (ATCC BAA-184)
- *Escherichia coli* 0157:H7 (ATCC 35150)
- *Enterococcus faecium* (ATCC 51575) Vancomycin Resistant (VRE)
- *Klebsiella pneumoniae* (ATCC 13883)
- *Klebsiella pneumoniae* - (NDM-1 positive) (New Delhi metallo-beta-lactamase) (CDC 1000527)
- *Listeria monocytogenes* (ATCC 984)
- *Pseudomonas aeruginosa* (ATCC 15442)
- *Salmonella enterica* (ATCC 10708)
- *Salmonella schottmuelleri* (ATCC 8759)
- *Salmonella typhi* (ATCC 6539)
- *Shigella dysenteriae* (ATCC 6539)
- *Staphylococcus aureus* (ATCC 6538)
- *Staphylococcus aureus* (ATCC 33591) Methicillin Resistant (MRSA)
- *Staphylococcus aureus* (CA MRSA) (NRS-400) Community Associated Methicillin Resistant
- *Staphylococcus aureus* (VISA) (HIP 5836) Vancomycin Intermediate Resistant
- *Streptococcus salivarius* (ATCC 13419)

VIRUCIDAL* PERFORMANCE

This product kills the following viruses in 10 minutes at 2 oz. per gallon of water (700 ppm active) and 5% soil on hard, non-porous surfaces:

- Avian Influenza A Virus (H5N1)
- Avian Influenza A H9N2/Turkey/Wisconsin Virus (VR-798)
- Hepatitis B Virus (HBV)
- Hepatitis C Virus (HCV)
- Herpes Simplex Type 1 Virus (VR-266)
- HIV-1 ‡ (AIDS Virus) (HTLV-IIIb)
- Human Coronavirus (VR-740)
- Influenza A (H1N1) Virus (VR-1469)
- Influenza A2/Japan Virus (VR-100)
- Norovirus (ATCC VR-782) (Norwalk-like Virus) (Feline Calicivirus)
- Vaccinia Virus

‡ Indicates a 2 minute contact time is required for this claim.

*FUNGICIDAL PERFORMANCE

This product kills the following fungi in 10 minutes at 2 oz. per gallon of water (700 ppm active) and on hard, non-porous surfaces:

- *Trichophyton mentagrophytes* (ATCC 9533)

MILDEWSTATIC PERFORMANCE

This product controls the following mold in 10 minutes at 2 oz. per gallon of water (700 ppm active) and 5% soil on hard, non-porous surfaces:

- *Aspergillus niger* (ATCC 6275)

HDI

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PINETM Multi-Purpose Cleaner

detergent concentrate

Pine Multi-Purpose Cleaner is green in color, non viscous and cleans and deodorizes in one application. Pine is a detergent concentrate fortified with distilled pine oil and has a pH of 12.8 to 13.0.



Providing Quality Maintenance and Chemical Specialty Solutions with Unparalleled Customer Service



Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee, OH 43537
www.spartanchemical.com

FRESHENS THE AIR:

Pine oil has traditionally been favored for its deodorizing properties. Spartan's Pine contains a high concentration of pine oil. As a consequence, cleaned surfaces and surroundings smell forest fresh. Pine is recommended for use whenever the maintenance task requires a multi purpose cleaner with the added benefit of odor control and deodorization.

VERSATILE:

Pine may be used on all hard surfaces not harmed by water: floors, painted walls, woodwork, marble, plastic, Formica®, concrete, etc. Pine mixes well with hot or cold water, hard or soft, and may be applied with sponge, mop, or appropriate equipment. Low sudsing, Pine may be used in conjunction with automatic scrubbers and pressure washers.

EFFECTIVE CLEANER:

Pine oil is a natural solvent and, as such, provides built in cleaning power. The distilled or purified pine oil used in Pine in combination with builders and an anionic wetting agent, quickly penetrates and emulsifies dry as well as greasy type soils. Light to medium soil loads can be effectively cleaned when Pine is diluted 1:40 (3 ounce per gallon of water). Heavily soiled surfaces may require the use of Pine at lower dilutions. Rinsing is not necessary in most instances. A rinse is recommended when Pine is used to clean rubber or asphalt tile since the solvent nature of pine oil may adversely affect these surfaces when used at dilutions of 1:20 or lower.

SAVES TIME AND MONEY:

Pine cleans and deodorizes in one application. As mentioned above, rinsing, is a desirable maintenance procedure, however, it is not necessary except when used on asphalt or rubber.

SAFE:

Formulated with environmental needs in mind, Pine is phosphate free and biodegradable.

DIRECTIONS FOR USE:

When cleaning with Spartan's Pine in bus terminals, service stations, truck stops, highway rest stops and roadside parks, mix 1 part of Pine to 40 parts water (3 ounces per gallon) and apply to the floor with a wet mop, garden sprayer, or a Spartasprayer. Allow the solution to penetrate the soil and remove with a mop or wet/dry vacuum. The area cleaned with Spartan's Pine will have a light, pine fragrance that will last for hours. Spartan's Pine is being used by many refuge service customers because of the cleaning power and deodorization qualities of the product. When cleaning and deodorizing refuge trucks with a pressure washer, set the controls or mixture for a 1:30 dilution (4 ounces per gallon). Apply to the refuge bed, side walls, and the dumpster area. When soil has softened, switch the pressure washer to rinse. Rinse from the bottom up and work up in a slow, side to side movement. Spartan's Pine will leave the refuge trucks with a "just waxed" look.

Be sure to read all Directions, Precautionary and First Aid Statements on product labels before use of this or any Spartan product. If questions remain, consult your employer or a physician. Material Safety Data Sheets for all Spartan products are available from your authorized Spartan distributor or by visiting www.spartanchemical.com.



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The Experts
on Cleaning and Maintenance

Distributed by:

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PACKAGING

005555	55-gallon drum
005530	30-gallon drum
005515	15-gallon drum
005505	5-gallon pail
005504	1-gallon (4 per case)



Label copy is provided in English, Spanish and French. Secondary labels are also available.

GUARANTEE: Spartan's modern manufacturing and laboratory control insure uniform quality. If dissatisfied with performance of product, any unused portion may be returned for credit within one year of the date of manufacture. Use product as directed and read all precautionary statements.



Product available worldwide. For institutional and industrial use only.

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