



# **PINE**™ 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.  
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**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](http://www.spartanchemical.com).**



Distributed by:

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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