

# PINNACLE®

*The Peak of Cleaning Performance™*



**PINNACLE® reduces graying, minimizes static and lint, aids in water-soluble stain removal and helps prevent solvent odors.**

## Load Process Detergent for Hydrocarbon Systems

PINNACLE® detergent is formulated for the garment care professional who demands consistent cleaning performance, yet wants the simplicity of using automatic detergent additions with each load.

Adding PINNACLE with each load reduces the likelihood of garment graying, minimizes static and lint, aids in the removal of water-soluble stains, and helps prevent the formation of unpleasant solvent odors.

PINNACLE is formulated exclusively for use in dry-to-dry hydrocarbon systems and can be used with any brand of odorless high flash point hydrocarbon solvent.

### • *Keeps Whites White & Colors Bright*

Graying of garments is a serious and common problem. Many of the factors that increase the likelihood of graying during the drycleaning process can happen without your knowledge. Therefore, you need to have protection during the cleaning cycle from soils redepositing and causing garment graying. PINNACLE helps to keep soil from redepositing onto garments, assuring they stay clean and bright.

### • *Aids in the Removal of Water-Soluble Stains*

PINNACLE provides for the safe and effective exchange of water between the fabric and the solvent that is necessary to flush away water-soluble stains during the drycleaning cycle.

### • *Contributes to Lint-Free Garments*

Cleaning with hydrocarbon solvent requires extended cleaning cycles as compared to water-based solvents. Where there is static, inevitably, there is lint. PINNACLE minimizes garment static, so there is less need for manual lint removal. Your customers will appreciate how well their garments resist lint when worn.

### • *Does Not Alter the Original Scent of the Solvent*

PINNACLE is free of the aromatic solvents commonly found in other products.

### • *Formulated to Control Solvent & Garment Odors*

Formation of bacteria in your drycleaning system can lead to unpleasant solvent and garment odors. Bacteria live and breed in free moisture. Unlike other detergents, the moisture in PINNACLE is solubilized, helping to eliminate the breeding ground for odor-causing bacteria.

### • *Does Not Lower Solvent Flash Point*

PINNACLE's flash point is beyond that of popular high flash point solvents used for drycleaning.

DETERGENT



www.4streets.com  
(800) 4-STREET

## Instructions for Using PINNACLE®

### How To Use PINNACLE In Your Drycleaning System.

To ensure maximum soil removal, whiteness retention, stain removal, and control of static and lint, add PINNACLE at the rate of 2 oz. per 10 pounds of cleaning. For example, when processing a 30 pound load, 6 oz. of PINNACLE should be added at the beginning of the cleaning cycle. In addition to providing excellent cleaning performance, this addition rate also provides safety and protection against wrinkling, shrinkage, and redeposition.

### Adding PINNACLE For The First Time.

In order to ensure the best results, start with new or distilled solvent in the working tank and filter system. Purge all of the detergent from the addition pump and detergent feed lines.

Add PINNACLE to condition the system. This is necessary to ensure optimum performance. To calculate the amount of PINNACLE required, first estimate the total volume of solvent in the system by adding the volume of solvent in the main work tank to that estimated to be in the filter system and piping. The use the **First Time PINNACLE Addition Table** to determine the initial amount of PINNACLE necessary to condition the system prior to running the first load. Conditioning of the solvent in the system should be done any time the majority of the solvent in the system is replaced with new or distilled solvent.

If the volume of solvent in the system falls between the amounts listed in the table, simply add two or more volumes together to get the desired number. For example, if the system contains 150 gallons of solvent, add the amount of PINNACLE needed for 100 gallons (20 oz.) to the amount needed for 50 gallons (10 oz.) to equal the correct amount (30 oz.).

**First Time PINNACLE Addition Table**

Volume of Solvent in System	PINNACLE to be Added
10 gal.	2 oz.
25 gal.	5 oz.
50 gal.	10 oz.
100 gal.	20 oz.
200 gal.	40 oz.

PINNACLE can be added to the system either manually or automatically.

After adding PINNACLE, circulate the solvent through the washer, filter, piping and tank system by running a wash cycle without any garments in the wheel for 5 minutes. This ensures uniform distribution of PINNACLE before starting the first load.

### One-Bath Process

Be sure you have flushed the system of previously used detergent following the guidelines described under **Adding PINNACLE for the First Time.**

1. Fill to high solvent level from working tank.
2. Add 2 oz. of PINNACLE per 10 pounds of load.
3. Run cycle for 3 minutes without filtration, run pump circuit from wheel back into wheel.
4. Clean for 15 to 20 minutes through filter.
5. Run cleaning cycle with continuous filtration.
6. Drain and extract solvent to the work tank.
7. Dry as recommended.
8. Maintains a minimum distillation rate of 7 to 10 gallons per 100 pounds of cleaning.

### Two-Bath Process

Be sure you have flushed the system of previously used detergent following the guidelines described under **Adding PINNACLE for the First Time.**

1. Fill to low solvent level from working tank.
2. Run cycle for 3 minutes without filtration.
3. Drain and extract solvent to still.
4. Fill from distilled tank to low solvent level.
5. Add 2 ounces of PINNACLE per 10 pounds of load.
6. Fill to high level from work tank.
7. Run cycle for three minutes without filtration, run pump circuit from wheel back into wheel.
8. Clean for 15-20 minutes through filter.
9. Run cleaning cycle with continuous filtration.
10. Drain and extract solvent to the work tank.
11. Dry as recommended.

### How to Order PINNACLE

PINNACLE is sold by authorized Street's distributors everywhere. Order PINNACLE from your local distributor in 5-, 15-, 30-, and 55-gallon containers.

*Before using any chemical product, review the Material Safety Data Sheet (MSDS) for safe handling and proper disposal.*

*For professional drycleaning use only.*

**Advancing the Technology of Clean™**



©2013  
 PINNACLE® & The Peak of Cleaning Performance™ are trademarks of  
 R. R. Street & Co. Inc., Chicago, IL 60608 (800) 4-STREET or (630) 416-4244  
 # 1814 © 2006, updated 06/2012

