



Staticol

Charge Process Detergent for Perc Systems

The Multi-Fabric Detergent™

As a professional drycleaner, you are faced with all kinds of fabrics. Natural fabrics, synthetics and blends. This variety means a detergent must have the multi-purpose role of dealing effectively with different fabric properties to minimize lint problems and static cling, and suspending loosened soils to prevent redeposition. For use in perchloroethylene systems.

Staticol is the multi-fabric detergent that's right for natural fabrics, synthetics, and blends.

Different fabrics have different properties and present various cleaning challenges:

Natural fabrics like silk, wool, cotton, and linen soak up moisture from the air, during pre-spotting, and from solvent during the cleaning process. One pound of linen can hold two ounces of moisture, and a pound of wool can hold three ounces of moisture without feeling wet. As a result, natural fabrics tend to attract and hold more water-soluble soil.

Synthetic fabrics such as polyesters, nylons and acrylics attract oily soil and, unlike natural fabrics, pick up very little moisture. Synthetics stay dry – so dry, that they can generate troublesome static electricity.

Blended fabrics are combinations of both natural and synthetic fibers creating fabrics with both sets of properties and cleaning challenges.

- **Unsurpassed Moisture Control**

Small amounts of water are present and necessary in the drycleaning process to help remove water-soluble soils. Water can be added in the drycleaning process, and clothes can pick up moisture from the air. But perc and water do not mix. Before moisture can be put to work, it must first be solubilized into the drycleaning solvent. Staticol effectively solubilizes the moisture, enabling it to gently and safely flush away water-soluble soil, along with the solvent-soluble soil to produce cleaner garments with less need for post-spotting or recleaning. This saves time at the spotting board and helps you return your customer's freshly cleaned clothes quickly and efficiently.

- **Prevents Redeposition**

With its excellent soil suspending properties, Staticol prevents loosened soils from redepositing. Your customer's clothes will be cleaner and brighter.

- **Minimizes Lint & Static Cling**

Because of Staticol's outstanding static control properties, lint problems and static cling are minimized during the cleaning process even after a garment has left your plant. This reduces handling in plant because there's less need for manual lint removal. And your customers will love how their garments resist clinging when worn.

- **For use in Perchloroethylene**

Staticol can be used with or without automatic moisture controls, in any perchloroethylene drycleaning system.

- **Greater Detergency & Economy**

Staticol is concentrated, giving you more cleaning power for your money.

- **Accurate Charge Testing**

Maintaining a proper detergent charge is essential to achieving consistent cleaning performance. The Universal Test Kit makes testing easy, quick, and accurate.



How to Use Staticol in Your Charged System. To ensure maximum soil removal, whiteness retention, spot removal, and control of static and lint, a Staticol concentration of 1-1/3% should be used. Maintaining a 1-1/3% concentration also provides the maximum degree of safety and protection against wrinkling, shrinkage, and redeposition.

Adding Staticol for the First Time. To determine the amount of Staticol necessary to charge a system to a 1-1/3% concentration, first calculate the number of gallons of solvent in the system. To arrive at the total, add the volume of solvent in the working tank to that estimated to be in the filter and piping.

Then, use the table to determine the amount of Staticol to be added for that volume of solvent. If the amount 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 Staticol needed to charge 100 gallons to the amount needed to charge 50 gallons.

Gallons of Solvent	Staticol to be Added
10	17 oz.
25	1 qt. 11 oz.
50	2 qt. 21 oz.
100	5 qt. 11 oz.
200	10 qt. 21 oz.

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Maintaining the Staticol Charge. Dilution of the detergent concentration occurs whenever new, distilled, or reclaimed solvent is added to the working tank. Use the table to determine the amount of Staticol to be added in order to restore the charge of 1-1/3% concentration. For example, adding 25 gallons to new, distilled or reclaimed solvent to the working tank calls for the addition of 1 qt. 11 ozs. of Staticol.

It's Easy to Remember!
 For every 10 gallons of solvent, add 17 ounces of Staticol.

Adding Staticol Based on Detergent Concentration Test. A test kit for measuring concentration is available from your Street's distributor. Use of the test kit allows for precise maintenance of the charge. A bulletin giving instructions for use is included with the kit.

Maintaining the Staticol Charge Based on Pounds Cleaned. If reclaimed and distilled solvent are returned directly to the working tank throughout the day, then daily maintenance of the charge can be a simple matter of adding Staticol based on pounds cleaned and normal solvent turnover.

Follow the Simplified Table for Pounds Cleaned. On average, 2.5 gallons of solvent are reclaimed for every 100 pounds of clothes that are dried. To that

Simplified additions table:

Solvent Turnover gals./100 lbs cleaned	6	7	8	9	10	11
Staticol Addition ozs./100 lbs cleaned	10	12	14	15	17	19

2.5 gallons, add the number of gallons normally returned from other sources (such as distillation and vapor recovery units) per 100 pounds of cleaning. The total of these dilution sources is called "solvent turnover." This simple method of making Staticol additions can be verified periodically using the Universal Test Kit.

Restoring the Charge After the Solvent is Added. When periodic additions of new solvent are made to the working tank, prepare an original 1-1/3% charge for the number of gallons added as indicated in the table for 1-1/3% charge, or at the rate of 17 ozs./10 gals.

Whenever Adding Staticol to the System. After determining the amount of Staticol to be added, introduce it to the system through the button trap or washer door and circulate for several minutes to ensure uniform distribution.

How to Order Staticol

Staticol is sold by authorized Street's distributors everywhere. Order from your distributor in single one-gallon containers, cases of six containers, 5 gallon pails, 15, 30 and 55-gallon drums.

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

For professional drycleaning use only.



www.4streets.com

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