

STATICOL[®]

The Multi-Fabric Detergent™



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

Charge Process Detergent for Perc Systems

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 suspend loosened soils to prevent redeposition.

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 (1 kg can hold 130 mL) of moisture, and a pound of wool can hold three ounces (1 kg can hold 200 mL) 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.

STATICOL is formulated to provide exceptional cleaning results on all these fabrics, as well as deal with annoying static and lint. STATICOL is your best choice for use in perchloroethylene systems.

• *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.



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

Instructions for Using STATICOL®

How to Use STATICOL in Your Charged System

To ensure maximum soil removal, whiteness retention, stain 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. For normally soiled classifications, a cleaning time of 12 to 15 minutes is essential to achieve the best and most consistent results.

Adding STATICOL for the First Time

To determine the amount of STATICOL necessary to charge a system to 1-1/3% concentration, first calculate the number of gallons or liters 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. Use the tables below to determine the amount of STATICOL for that volume of solvent. If the total volume of solvent in the system differs from the amounts listed in the table, simply add two or more volumes together to get the proper amount.

First Time STATICOL Addition Table

US Measures		Metric Measures	
Volume of solvent in system	STATICOL to be added	Volume of solvent in system	STATICOL to be added
10 gal	17 oz	5 L	65 mL
20 gal	43 oz	10 L	130 mL
25 gal	1 qt, 11 oz	50 L	650 mL
50 gal	2 qt, 21 oz	100 L	1.3 L
100 gal	5 qt, 11 oz	500 L	6.5 L
200 gal	10 qt, 21 oz	1000 L	13 L

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 (or 100 L) of new, distilled or reclaimed solvent to the working tank calls for the addition of 1 qt, 11 oz (or 1.3 L) of STATICOL.

It's Easy to Remember!

For every 10 gallons of solvent, add 17 oz of STATICOL.

For every 10 liters of solvent, add 130 mL 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 Charge Based on lbs/kg 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.

On average, 2.5 gallons of solvent are reclaimed for every 100 lbs (or about 20 liters for every 100 kg) of clothes that are dried. To that 2.5 gallons (or 20 liters), add the number of gallons (or liters) returned from other sources (such as distillation or new solvent additions) per 100 lbs (or per 100 kg) 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.

Maintaining the Charge: Solvent Turnover Table

US Measures		Metric Measures	
Solvent Turnover gal/100 lbs Cleaned	STATICOL to be added	Solvent Turnover L/100 kg Cleaned	STATICOL to be added
5 gal	8 oz	40 L	520 mL
6 gal	10 oz	50 L	650 mL
7 gal	12 oz	60 L	780 mL
8 gal	14 oz	70 L	910 mL
9 gal	15 oz	80 L	1040 mL
10 gal	17 oz	90 L	1170 mL
11 gal	19 oz	1000 L	1300 mL

Restoring the Charge After New 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 or liters added as indicated in the table for 1-1/3% charge, or at the rate of 17 oz/10 gallons. (130 mL/10 L)

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 STATICOL from your local distributor in single one-gallon (3.785 L) containers, cases of four, 5-gallon (18.93 L) pails or 15-gallon (56.78 L) drums.

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

For professional drycleaning use only.

Advancing the Technology of Clean™



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