

5511 TeXtra Detergent

Products/Procedures

Fabritec 5511 TeXtra detergent for perchloroethylene and hydrocarbon solvents represents the latest advancement in the cationic no-charge chemistry introduced to the drycleaning industry by Fabritec International over forty years ago. The ease of use and the soft, pleasing fabric hand, characteristic of earlier Fabritec products, has been enhanced. Additionally, through extensive research, formulation, and testing, the Fabritec technical staff has accomplished the following improvements.

1. A synergistic blend of three surfactants has been found to improve both soil removal and anti-redeposition (soil suspending) properties. The result is even better soil removal and whiter whites. Superior results are obtained in all types of drycleaning procedures and filtration systems employing Fabritec **TeXtra**, especially in spin-disc filter applications where superior soil suspending properties of the detergent are essential to retard redeposition.
2. An improved, powerful anti-stat has been incorporated in the product that virtually eliminates static electricity and linting when loads are properly classified and machine grounding is maintained.
3. Fabritec **TeXtra** contains a clean laundry-fresh scent.
4. Optical brighteners have been incorporated in Fabritec **TeXtra** that are effective at very low concentrations, imparting a significant characteristic appearance to processed garments. The result of this breakthrough is a clarity and brightness to whites and pastels that is easily noticeable to the customer.
5. Fabritec **TeXtra** also contains anti-pilling agents to enhance the feel and color of garments while also extending their useful life.
6. Special softeners and finishing agents have been added to TeXtra to make garments easier to press and thereby increase production. **TeXtra** imparts a pleasing feel and like-new appearance to all fabrics.
7. Fabritec **TeXtra** is economical to use at 1 to 1.5 ounces per 10lbs. of machine capacity (6 to 9 ounces for a 60 lb machine).

Research efforts on Fabritec **TeXtra** have resulted in an excellent product, improved in a way that can be recognized and appreciated by the drycleaning consumer. This is a continuing step in Fabritec's constant effort to help our customers maintain their competitive advantage.

PREPARATION FOR INSTALLING Fabritec **TeXtra**

For plants using Fabritec products:

1. With Fabritec Automatic Controls: Recalibrate to inject 1 to 1.5 ounces for every ten lbs of machine capacity, put the new drum in service and begin cleaning. Remember, the squeeze tube should be replaced about every 8 to 12 weeks, and the control recalibrated at that time.

For plants previously using a competitive detergent:

1. All working solvent must be distilled.
2. Tanks and filters should be cleaned.
3. Cartridges should be changed or the discs in a spin-disc filter should be removed and cleaned or replaced as needed.
4. The Fabritec automatic control should be installed per the instruction manual provided. Only 110V 60 cycle 10 amp service is required to operate the programmer.
5. The programmer or dry cleaning machine dosing unit should be carefully calibrated to Fabritec specifications and the operators instructed on the proper use of the control or dosing unit prior to cleaning.

CLEANING PROCEDURE

CLASSIFICATION

1. General — The majority of the retail garments encountered today may be cleaned in one classification. Such categories as grays, blues, hard wools, soft wools, etc., are not necessary but may be used if plant size and work flow allows or if special conditions require more selectivity in classification. A general separation of lights and darks is recommended.

2. Fragiles — Garments that may be damaged by mechanical action because of fiber content, garment construction or trim. Fabrics exhibiting dye bleeding.
3. Household — Draperies, blankets, spreads, etc., should be sorted to prevent mechanical damage, dye or fiber transfer.
4. Heavy soil — Raincoats, fire orders and other heavily soiled fabrics.

SPOTTING

1. Prespotting — General spray or slop spotting is **not necessary or advisable**. Only garments with excessive stains or with specific stains such as tar, ink, lipstick, or blood should be set aside for prespotting.
2. Post Spotting — The excellent soil removal and low NVR of a typical Fabritec system will prevent spotting rings and allow most spots to be removed easily on the board without recleaning. Proper spotting procedures should be followed. Garments spotted on the wet side that are to be recleaned should be dried or leveled* prior to cleaning.

* Use Stamford's SSS solution. Fabritec drycleaning detergent should NOT be used to level.

DRYCLEANING

1. Machine Loading — Optimum cleaning performance can be achieved by only loading the machine to 80% of its rated capacity. There should be a minimum of 1/2 gallon of solvent in the wheel for each pound of clothes when running a two-bath process. The ideal solvent level for a one-bath cleaning process is 3/4 gallon per pound of clothes.
2. Solvent Flow — Should be adjusted to change the solvent in the wheel every 60 seconds. This may be determined by measuring the time it takes to fill the machine to operating level through the filter. When cartridge filters are employed, the cartridges should be changed when the fill time exceeds 90 seconds with all valves open. In pre-wash and no-filter procedures the circulation of solvent by milling is recommended.
3. Solvent Temperature----Should be maintained between 75° and 85°F.
4. Cleaning Procedures — The Fabritec process may be used in conventional single-bath systems or in two-bath counter-current prewash systems. Running times and formula selection should be based on the size and nature of each load with full loads running a **minimum** 12 minute cleaning cycle.
5. Fabritec Detergent Injection — The Fabritec automatic programmer or the dry cleaning machine dosing unit should be calibrated to inject the proper amount of detergent (1 to 1.5 ounces per 10 lbs., of machine capacity). The programmer or dosing unit may be activated manually or automatically by the drycleaning machine control circuit.
6. Extraction — Should be adjusted so that the load retains at least 45% of its dry weight in solvent at the end of extract. Normal extraction time is 1.5 - 2 minutes for most machines.
7. Drying — Outlet air temperature at the lint bag should not exceed 140°F for normal loads and 120°F for fragiles and draperies. Lint bags and coils must be kept clean. Drying time should be reduced in proportion to reduced loads. Certain fragiles should be dried at low temperatures or on aerate only.
8. Solvent Condition
 - a. Filtration — The Fabritec system is capable of operating with cartridge, powder or powderless disc filters. Your Fabritec representative will program processes that are adaptable to your equipment.
 - b. Distillation is essential to maintain solvent condition that allows the Fabritec products to produce the maximum results. There is no correlation between the amount of TeXtra used and the required distillation rate. Distillation rates vary in individual systems from the minimum 16 gallons per 100 lbs. cleaned to nearly 50 gallons per 100 lbs. NVR related problems such as streaks, swales, spotting rings, odor and extended drying times are eliminated with proper distillation rates.
9. Water soluble soil removal is excellent with Fabritec **TeXtra**. Because of the limited quantity of moisture and the chemistry involved, the detergent may be used safely on any garment classification and in any climate. The moisture content of the working solvent in a typical Fabritec system will be less than in a plant using a conventional charge detergent and employing general spray spotting.

10. Fabritec **TeXtra** is an ecologically friendly product. It is a water-based detergent, and is biodegradable. **TeXtra** contains special oleo surfactants and softener/antistat (V-Soft), plus optical brighteners to produce cleaner whites and brighter colors with luxurious softness.

Note: Safety Data Sheet (SDS) available on request. Call 1-800-543-0406.

The logo for Fabritec Brand Detergent features the word "Fabritec" in a large, stylized, blue font with a white outline and a registered trademark symbol (®) to the right. Below it, the words "Brand Detergent" are written in a smaller, blue, sans-serif font. The entire logo is set against a light blue, oval-shaped background with a gradient effect.