Fabritec Tex-Clean Detergent 5530

Fabritec 5530 TEX-CLEAN DETERGENT for perchloroethylene solvent represents an advancement in the cationic no-charge chemistry introduced to the drycleaning industry by Fabritec over twenty years ago. The ease of use and the soft, pleasing fabric hand, characteristic of earlier Fabritec products, has been retained. Additionally, through extensive research, formulation, and testing, the Fabritec technical staff has accomplished the following improvements:

1. A synergistic blend of 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 **TEX-CLEAN DETERGENT**.

2. An improved anti-stat has been incorporated in the product that further reduces static electricity and linting. When combined with effective machine grounding and proper classification, static electricity can be virtually eliminated as a problem, even in today's high distillation systems.

3. **TEX-CLEAN DETERGENT** has a fresh, clean, pleasing fragrance.

4. An optical brightener has been developed for **TEX-CLEAN DETERGENT** that is effective at very low concentrations, imparting a significant characteristic appearance to processed garments. Heretofore, brighteners used by some manufacturers made the product itself fluoresce nicely but had very little effect on fabrics. The result of this breakthrough is a clarity and brightness to whites and pastels that is easily noticeable to the customer.

TEX-CLEAN DETERGENT is 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 make our customers a cut above their competitors.

PREPARATION FOR INSTALLING TEX-CLEAN DETERGENT (5530)

For plants using Fabritec products:

None needed, just put the new drum in service and begin cleaning. Remember, the squeeze tube should be renewed about every six weeks.

For plants previously using a competitive detergent:

1. All working solvent should be distilled.

2. Cartridges should be changed.

3. The Fabritec control should be installed per the instruction manual provided. Only 110V 60 cycle 10 amp service is required to operate the programmer.

4. The programmer should be carefully calibrated and the operators instructed prior to cleaning.

CLEANING PROCEDURES

CLASSIFICATION

1. General The great bulk of the retail garments encountered today may be cleaned in one classification. Such categories as greys, blues, hard wools, soft wools, etc., are not necessary but may be used if plant size and work flow allow, or if special conditions require more selectivity in classification.

2. Fragiles Garments that may be damaged by mechanical action because of fiber content, garment construction or trim.

Fabrics exhibiting dye bleeding. Check with perc on unexposed seam for 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 nor 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. Standard spotting practice should be followed. Garments spotted on the wet side that are to be recleaned should be dried or leveled prior to cleaning.

DRYCLEANING

1. Machine Loading Machine capacity can generally be determined by knowing the number of gallons of solvent present in the wheel at the highest practical operating level. There should be a minimum of 1/2 gallon solvent in the wheel for each pound of clothes. Two-bath processes will operate near the minimum level. 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 to 90 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, in two-bath counter-current prewash systems or in two-bath no-filter systems. Running times and formula selection should be based on the size and nature of each load with full loads running a minimum of 12 minutes total.

5. **TEX-CLEAN DETERGENT** Injection The Fabritec programmer is calibrated to inject detergent based on the weight of garments being cleaned. A chart is provided which correlates load size with the proper formula number. Based on this chart, the operator selects the correct formula number and starts the drycleaning machine. The programmer 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.

7. Drying 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 may be dried at low temperatures or on aerate only.

8. Solvent Condition

a. Filtration The Fabritec system is capable of operating without the use of filtration, if the machine configuration will accommodate it, or with cartridge, powder or powderless disc filters. Your Fabritec representative will install 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. Since Fabritec additions are determined by pounds cleaned, you can distill at

will without increasing detergent usage. Distillation rates vary in various systems from the minimum 16 gal. per 100 lbs. cleaned to nearly 50 gal. per 100 lbs. NVR related problems such as streaks, swales, spotting rings, odor and extended drying times are eliminated.

9. Water soluble soil removal is excellent with **TEX-CLEAN DETERGENT** since it contains a small amount of moisture. 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. **TEX-CLEAN DETERGENT** is an ecologically friendly product. It is a water base detergent, and is biodegradable.

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