



# Fission Traffic Lane Cleaner User Guide

FOR PROFESSIONAL USE ONLY

Signature Fresh fragrance • SST Technology • Superior cleaning

## BACKGROUND

**Fission Heavy Duty Traffic Lane Cleaner (TLC) with SST (Soil Separation Technology)** is a general purpose carpet traffic lane cleaner. It is used in the prespray and rinse extract mode on both moderately and heavily soiled carpeting. **Fission TLC** is compatible with both portable or truckmount extraction systems. The product includes water conditioning agents, specialty surfactants, alkaline builders, water soluble solvents and corrosion inhibitors.

SST, (Soil Separation Technology), refers to Fission’s enhanced ability to remove particulate soil such as pet hair from carpet fibers.

Fission TLC is moderately alkaline so it attacks alkali sensitive soils such as greases and oils. Fission is also compatible with several ChemSpec additives.

- **Biosolv Booster:** solvent based additive that enhances removal of petroleum based soils such as parking lot sealer
- **Energizer:** an oxygen based bleaching agent that is effective in removing various stains, especially those from beverages

## ITEMS NEEDED

*Note: be sure all equipment operates properly before arriving at the customer’s location*

- **Cleaning products:** Fission TLC, Biosolv Booster, Energizer, Optimal Rinse, Formula 90, Formula 90 Biosolv
- **Personal Protective Equipment (PPE)** as specified in the Safety Data Sheet (SDS)
- **Supplies:** booties, carpet groomer, adequate supply of clean cloths and a plastic bag for the storage of soiled cloths, measuring cup, wet floor signs, corner guards, traffic lane protectors and furniture leg protectors as needed, empty 5 gallon pail to prepare stock solution
- **Equipment:** air movers (the Dri-Eaz AirPath™ is particularly useful in this application), vacuum cleaner (preferably a two motor upright), electric or pressure or pump up dispensers as desired for the job, either truckmount or portable extraction equipment as desired for the job.

## INSPECTION

Inspect the customer’s carpet before doing any work. Note any of the following on your inspection report and discuss with the customer:

- Air flow and drying problems within the building
- Objects that might be damaged if in contact with wet floors such as floor length window treatments, furniture legs or skirts. Be sure to protect these items.
- Access to the work area: be sure you have room to move equipment in and out without causing damage to walls and objects in the room.
- Check the area for fragile objects. Be sure these items are removed to a safe location per customer instructions.
- Inspect and make a note of carpet for any tears, bunching, burns or other damage, excessive wear, heavy staining or unusual odors. Review any issues with the customer before proceeding.
- Based on the results of your inspection, use the following chart to select the best product combinations:

Product / Environment		Olefin / Commercial			Property Management/ Apartment
		Light Soil	Medium Soil	Heavy Soil	
Fission	Traffic Lane Cleaner	x	x	x	x
Biosolv Booster	TLC Additive		x	x	x
Optimal Rinse	Acidic Rinse Agent	x	x		
Formula 90 or Formula 90 Biosolv	Alkaline Rinse Agent			x	x
Energizer	Alkaline Rinse Agent Additive			x	x

## USE INSTRUCTIONS

### 1. PREPARATION OF READY TO USE (RTU) SOLUTION

- a. For use with high pressure, in-line dispensers: Mix 1-½ to 2 quarts (1.5 to 2.0 L) Fission with enough water to fill the 5 quart container. Use warm water.
- b. To dispense using pump-up pressure or electric sprayers: Add 4 to 6 ounces of Fission with enough water to make one gallon of RTU solution (30 to 47 mL per L).
- c. If necessary, include Biosolv Booster.

### 2. CLEANING PROCEDURES:

- a. Pre-inspect / prequalify / pretreat spots as needed. Be sure to check for the compatibility of the product with the carpet.
- b. Vacuum the carpet thoroughly. The vacuuming step is often overlooked because it is so labor intensive. Proper vacuuming, however, removes as much as 80% of dry, particulate soil. Vacuuming reduces the probability of wicking during the drying process.
- c. Apply Fission ready to use solution at the rate of 0.5 gallons per 100 square feet of carpet. (2 L per 10 M<sup>2</sup>). Allow adequate dwell time but do not allow the solution to dry on the carpet. If the solution dries, extra time will be necessary to retreat the carpet to dissolve the detergent residues as well as the soil.
- d. For best results, use agitation to work the ready to use solution into the carpet fibers.
- e. Rinse extract using the rinse agent found in the chart. Acidic rinse agents are used either when soil loads are moderate or when the carpet is known to have alkaline residues that must be neutralized. Alkaline rinse agents are preferred when soil load is heavy. Formula 90 is a liquid product while Formula 90 Biosolv is granular. Both of these products have comparable performance. The choice of liquid or granular is a matter of convenience for the specific user. Follow label instructions for that rinse agent.
- f. Check the carpet pH after using this procedure to determine to use an acidic rinse. Although alkaline rinse agents are used at a very low dilution, it might leave some alkaline residues. These residues could contribute to a coarse feel to the carpet or could contribute to resoiling.
- g. Groom the carpet to align fibers. This improves carpet appearance and reduces drying time.
- h. Use sufficient airflow to assure that the carpet will dry quickly. The AirPath™ air mover is recommended because of its 360-degree high-velocity airflow.

NOTE: Not intended for use on stain resist or wool carpeting

## CLEANUP

- Be sure to check for any overspray. Remove these spills promptly.
- Dispose of waste water properly in accordance with local, state, and Federal regulations. Never dispose waste water into rivers, streams or lakes.
- Rinse equipment to remove product residues; these residues can interfere with valves or spray jets.

## SAFETY CONSIDERATIONS

- Keep children and pets away from your work area, from cleaning products and from your equipment.
- If using a truckmount style extractor, remember that water supply lines and fittings will get very hot. This heat can damage lawns and some types of carpeting. The heat can also burn the skin.
- Read the Safety Data Sheets (SDSs) for all products before using them. You can obtain the SDSs from your distributor or from [www.LegendBrandsCleaning.com](http://www.LegendBrandsCleaning.com)
- Use the personal protective equipment specified in the SDS.

Additional References found at: [www.LegendBrandsCleaning.com](http://www.LegendBrandsCleaning.com)

- Product labels
- User Guides
- SDSs
- Cleaning Systems Guide

## PRODUCT TECHNICAL DATA

Sold as:	Case of 4 by 1 gallon (3.8 L)
Reorder number	FTLC4G
Color:	Blue
Odor:	Mild fragrance and solvent
Appearance:	Transparent liquid
pH RTU	10.4
Contains Phosphorous?	Less than 0.1% in RTU
Volatile Organic Content (VOCs):	Less than 1%
Non volatile content:	15%