



DynaForce 77 Concentrated Carpet Detergent

FOR PROFESSIONAL USE ONLY

Quick dissolving Signature Fresh fragrance Great cleaning VOC compliant

BACKGROUND

DynaForce 77 Concentrated Carpet Detergent is a general purpose emulsifying detergent. It is an in-tank product and is specially formulated for use on heavily soiled carpeting. **DynaForce 77** is compatible with both portable or truck mount extraction systems. It is used in the extraction process after the carpet has been pretreated with a Traffic Lane Cleaner. **DynaForce 77** includes water conditioning agents, surfactants, alkaline builders, water soluble solvents and corrosion inhibitors.

DynaForce 77 is moderately alkaline. The ready-to-use mixture has a pH of less than 10 so it is suitable for use on stain resist carpeting.

The basic 2-step process is:

1. Pretreat with traffic lane cleaner
2. Extract using **DynaForce 77**

ITEMS NEEDED

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

- **Cleaning products:** **DynaForce 77**, ChemSpec traffic lane cleaner such as Fission, Express Lane TLC, EnzAll, Traffic Lane cleaner, etc.
- **Optional products:** acidic rinse, foam suppressant or fabric protector
- **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 Studebaker AirPath is particularly useful in this application), vacuum cleaner (preferably a two motor upright), pressure injection or electric or pump up dispensers as desired for the job, either truck mount or portable extraction equipment as desired for the job

PREPARATION OF SOLUTIONS

DIRECTIONS FOR TRUCKMOUNT USE: Dissolve 1.5 pounds of the **DynaForce 77** in one gallon (0.7 kg per 3.8 L) of hot water. Be sure that all the crystals are completely dissolved before proceeding. Then dilute to 5 gallons (18.9 L) to make the truck mount stock solution. Use an application rate of 2 gallons (7.6 L) per hour for residential carpets and 3 gallons (11.3 L) per hour for commercial carpets.

DIRECTIONS FOR PORTABLE USE: Dissolve ½ to ¾ ounces (15 to 22 mL) of **DynaForce 77** in five gallons (18.9 L) of hot water for use on residential carpets. Use 1 to 1½ ounces (30 to 45 mL) for commercial carpets.

Tech tips:

- *Be sure to replace the cover or cap on the container after dispensing the product. This prevents volatile components of the product from being lost.*
- *Add the concentrate to the water rather than water to the concentrate; this will reduce foam inside the container.*

PRETESTING: Check compatibility of product with the carpet prior to use.

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 flooring such as floor length window treatments, furniture legs or skirts. Be sure to protect these items.

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- 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.

PROCEDURE

Read these steps before using the product.

- Post wet floor signs if necessary.
- Pre-vacuum the carpet. This lifts the pile and prepares it for efficient soil removal.
- Vacuum the carpet to remove as much dry soil as possible. This step will make the overall extraction process far more efficient.
- Prespray carpet with a traffic lane cleaner such as **Express Lane TLC**, **EnzAll** or **Traffic Lane Cleaner** according to label directions. Allow a 10 to 15 minute dwell time but do not allow the solution to dry on the carpet.
- Begin the extraction process using **DynaForce 77**. Be sure that the water supply is hot and be sure to use alternate wet and dry strokes in order to remove as much water as possible. If foam starts to form in the waste water stream, put foam suppressant into the vacuum line. Do NOT add foam suppressant to any detergent or rinse solution.
- If the carpet retains excess alkalinity after extraction is completed, apply an acidic rinse such as **Optimal Rinse** or **All Fiber Textile Rinse** according to label directions. Work into the carpet and then use dry passes with the extractor to remove moisture.
- Inspect the work area for possible overspray, soil wicking, or odor
- It is at this stage of the process that soil retardant could be applied to the carpet.
- Establish good drying conditions. Depending on the size and layout of the building, it is useful to install air movers to begin the drying process as each room is completed. In some cases, this will allow you to show the customer a completely dry and clean section of carpet before departing.
- Final inspection: Be sure that no supplies or equipment are left in the work area, that the customer's items are returned to the correct location, and that any water sensitive items such as table legs, furniture skirts or window treatments are protected from contact with the wet carpet.

TO CHECK AFTER COMPLETING CARPET CLEANING

- Be sure to check for any overspray of detergent or water. Remove these spills promptly.
- Dispose of waste water properly. Do not dispose anywhere but to a sanitary water treatment system.
- Rinse equipment to remove detergent residues. These residues can interfere with valves or spray jets.
- Establish adequate airflow either through the use of air movers or open windows or doors. Instruct the customer on the importance of maintaining airflow until the carpet is fully dry.

SAFETY CONSIDERATIONS

- Keep children and pets away from your work area, from cleaning products and from your equipment.
- Slip hazards can occur when stepping from wet carpet onto smooth, hard surface floors such as vinyl or ceramic. Place wet floor signs in the work area as needed.
- If using a truck mount-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
- Use the personal protective equipment specified in the SDS.

Notes

Recommended for use on water cleanable carpeting.

NOT recommended for use on natural fibers such as wool, silk or cotton, upholstery, or area rugs subject to bleeding or shrinkage.

TECHNICAL DATA

Reorder no.	DF4G: case of four by 6.5 lb. / 2.7 kg DFBK: 40 lb. / 18.1 kg pail
Color	Blue-green
Odor	Signature Fresh
Appearance	Clumping granules
pH of ready-to-use	9.5
Surfactant type	Nonionic
Contains Phosphate?	Yes
Volatile Organic Content (VOC)	3% by weight
Non-volatile content	97% by weight

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