



Enz-All

Heavy Duty Traffic Lane Cleaner

FOR PROFESSIONAL USE ONLY

Enzyme Fortified - Superior cleaning

BACKGROUND

Enz-All is a general purpose carpet cleaning product that normally used in the prespray and rinse extract mode. It can, however, also be used as a spotter. It is recommended for use on water cleanable, synthetic carpeting. **Enz-All** is compatible with both portable or truck mount extraction systems. The product includes digestive enzymes, water conditioning agents, surfactants, alkaline builders, and foam inhibitors.

Enz-All is particularly useful for attacking biologically derived soils ranging from blood, feces and vomit to grass and food stains. As result it is valuable in settings such as long term care, dining areas and restaurants.

Enz-All is moderately alkaline with a ready to use pH of 11.5 to 12.5. The higher pH enhances cleaning ability but also prevents use on natural fibers or stain resist carpeting.

For best results when using any enzyme based product, including Enz-All:

- Allow adequate dwell time. Enzymes need time to digest soils so longer dwell times are preferred.
- Enzymes prefer specific pH ranges. Avoid use of additives that will change the pH of the ready to use solution.
- Enzymes require water to perform so do not allow the carpet to dry prior to rinse extraction.
- Maintain good temperature control. Enz-All works best in a range from 120°F to 150°F (49°C to 66°C.). Lower temperatures will slow enzyme action while excessive temperatures will damage the enzymes.
- Shelf life of ready to use solution: the enzyme will gradually lose efficiency after being diluted so use RTU solutions within 12 hours.

ITEMS NEEDED

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

- **Cleaning products:** Enz-All, rinse extraction product of choice
- **Optional:** Crystal Defoamer. For use in the event that foaming residues from prior cleaning are present
- **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), electric or pressure or pump up dispensers as desired for the job, either truck mount or portable extraction equipment as desired for the job.

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.
- 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.

PREPARATION OF SOLUTIONS

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 whenever possible. This will reduce foam inside the container.

Directions to prepare ready to use (RTU) solutions:

- If using an Inline injection sprayer (#1 tip): **Enz-All** - Mix 6 scoops (12 oz. /340 g) with enough water to make 5 quarts (4.7 L) of solution. Use hot water and be sure the powder is fully dissolved.
- For use with Electric or Pump-up Sprayers: **Enz-All** - Mix 2 scoops (2 oz. / 57 g) into a gallon (3.8 L) of hot water.
- For use as a spotter: one scoop (1 ounce 28 gm) of Enz-All to one quart (0.96 l) hot water.

For use in prespray and rinse extraction:

1. Preinspect / pretest / pretreat spots as needed.
2. Vacuum the carpet thoroughly.
3. Apply RTU solution at rate of 0.5 gallons per 100 square feet of carpet. (2 L per 10 M²) and brush or rake the carpet fibers/
4. Allow 15 minutes dwell time, but do not allow the carpet to dry.
5. Rinse extract using any number of detergents: Formula 90 or DynaForce 77 (either liquid or powder versions). Follow label instructions for these products.
6. Use ventilation as needed to assure that the carpet will dry quickly.

For spotting

- Blot or scrape as much of the soiling as possible. If spotting blood, rinse the area with cool water. (If removing blood, be sure to familiarize yourself with regulations on handling Blood Borne Pathogens.)
- Apply product to spot and use hand groomer to work product into the area. Use a coarse spray and avoid breathing mist.
- Allow at least 15 minute dwell time to allow the enzymes to work, then rinse with clear water.
- Dry extract to remove as much water as possible and establish good drying conditions.

CLEANUP

- Be sure to check for any overspray. Remove these spills promptly.
- Dispose of waste water properly. Do not dispose anywhere but to a sanitary water treatment system.
- Rinse equipment to remove product residues; these residues can interfere with valves or spray jets.

SAFETY CONSIDERATIONS

- Avoid inhaling dust from the product when handling or preparing ready to use solution. If necessary, wear respiratory protection.
- Keep children and pets away from your work area, from cleaning products and from your equipment.
- 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.

ENZ-ALL TECHNICAL DATA

Color	Off white
Odor	Mild
Appearance	Free flowing granules
pH of ready-to-use:	11.5 to 12.5
Surfactant type	Nonionic
% phosphate as P	16%
Volatile Organic Content (VOC)	Trace