



The only Natural Clean way to clean your carpets



Leaves Carpets Clean, Dry, and Hygienic

A Division of Onyx Environmental Solutions, Inc.

1712 Williams Road Extension • Monroe, NC 28110 • 800.858.3533 • www.onyxolutions.com



TM

All Natural Dry Carpet Cleaning Solution



- 100% Natural Enzyme Cleaning
- Leaves Carpets Ready For Use
- Restores Natural Beauty & Lifts Pile
- Polymer Encapsulation
- Reduces Re-soiling
- Allergen Reducing
- Digests Stains, Odors and their source
- 100% Biodegradable
- No Vacuum, No Hoses, No Bulky Equipment

Natural Clean is a deep-cleaning and efficient way to naturally extract odors and soil from your carpets without using water. Our simple 4-step process is fast, effective, and leaves carpets ready for immediate use. The patented dual counter rotating brushes clean deep into carpets contacting all surfaces of the carpet pile. The EnviroZorb absorb dirt, stains and odors, and are swept up with the same machine. The spots do not return and there is no sticky residue to attract fresh dirt and odor.

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What is the Natural Clean Dry Carpet Cleaning Process?

The **Natural Clean** system is a deep-cleaning, natural efficient way to deep clean carpets without the use of harsh chemicals or water.

The **Natural Clean** system starts with our all natural enzyme cleaner. **EnviroZyme Enzymatic Carpet Cleaner** is a specially designed concentrated enzymatic carpet cleaner and deodorizer. This multi-strain deodorizer uses nature to effectively “digest” odors and stains from carpets without the use of toxic or caustic chemicals.

Followed by **EnviroZyme**, **EnviroZorb** are miniature sponges that are worked deep into carpeting with our NC carpet cleaning machines. **EnviroZorb** further break down and absorb dirt, stains, spills, and odors when agitated into carpeting. This is the most intensive and effective way to deep clean your carpets.

Natural Clean's EnviroCap is a low moisture carpet maintenance solution that can be used by itself or in conjunction with deep cleaning. Our **EnviroCap** is a highly effective cleaner and polymer treatment that has prevents against re-soiling, the wicking of stains and improves indoor air quality. It is pH neutral, phosphate and bleach free, allergen reducing and biodegradable. The polymer treatment encapsulates dirt molecules, dust mites, molds and mildews, making them easily removable from carpet fibers.

Our system uses a patented dual brush carpet cleaner that scrubs deeps down and removes dirt and odors from the carpet fibers. The machines are quiet, easy to maneuver and use, and pick up 20% more than a vacuum cleaner.

Why is the Natural Clean Method Superior?

Problems Such As Split Seams, Faded Colors, Shrinkage, Delaminating and Mildew are caused by over wetting carpets. With **Natural Clean's** Dry Carpet Cleaning System carpets won't split, fade, get dingy or dull and they won't “ugly out”. The **Natural Clean** system **Brings Carpets Back To Life**.

Natural Clean does not use water or harsh chemicals that can be left behind in carpeting leading to mold growth and allergens.

Research has shown that one natural cleaning reduces:

- Dust mites
- Dust mite allergens
- Cat Allergens
- Mold Spores

Is Natural Clean Safe For All Carpets?

The **Natural Clean** system will not void the warranties on your carpeting. Based on research, **Natural Clean** meets or exceeds cleaning guidelines set forth by carpet manufacturers.

The **Natural Clean** system is safe for ALL carpet: Nylon, Olefin, Wool, Polyester, Acrylic, Glue Down, Carpet Tiles . . . etc.

Using the **Natural Clean** system will increase carpet life and reduce molds, mildews, and allergens that can grow in carpets.

NO VACUUM, NO HOSES, NO BULKY EQUIPMENT

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Natural Clean Carpet Cleaner Carpet Cleaner/Pile Lifter/Sweeper

- Patented designed, lightweight, and easy to use
- Receptacles for picking up debris / EnviroZorb
- 3 sizes for all types of jobs – 10”, 15” & 20”



Enzymatic Carpet Cleaner

- All Natural and Ph-Balanced
- Digests stains, odors, and their source
- No sticky residue left behind
- Dilution Ratio – 1:9



Encapsulating Polymer Treatment

- Allergen Reducing
- Low moisture application
- Prevents wicking of stains
- Quick drying time
- Improves Air Quality
- Dilution Ratio – 1:20



Absorbent Carpet Cleaner

- Absorbs dirt, spots, and odors
- Super Absorbent
- Immediate dry time
- Resists re-soiling

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To Clean Carpets

Simple 4-Step Process



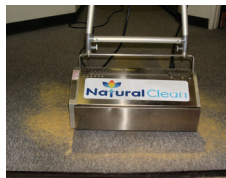
STEP 1

Pre-Spray traffic area with **EnviroZyme Enzymatic Carpet Cleaner**



STEP 2

Sprinkle **Natural Clean EnviroZorb Cleaner/ Absorbent** on traffic area



STEP 3

Brush in **Natural Clean EnviroZorb Cleaner/ Absorbent** with Carpet Cleaner



STEP 4

Sweep Up **Natural Clean EnviroZorb Cleaner/ Absorbent** with Carpet Cleaner

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To Maintain Carpets

Simple 2-Step Process



STEP 1

Pre-Spray traffic areas with **EnviroCap Carpet Cleaner/Polymer Treatment**



STEP 2

Brush in with **Natural Clean Carpet Cleaner**

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Carpet Cleaning Procedures

1. Pre-Spray traffic areas and spots with **EnviroZyme** Enzymatic Cleaner.
2. Sprinkle **EnviroZorb** throughout traffic areas.
3. Scrub in **EnviroZorb** with carpet machine with outside splash guards connected.
4. Remove **EnviroZorb** with carpet machine with receptacles attached.

Carpet Maintenance Procedures

1. Pre-Spray traffic area with **EnviroCap**.
2. Scrub in **EnviroCap** with carpet cleaner with splash guards connected.

Starting Carpet Machine

1. Tilt carpet machine on right side.
2. With left foot step on release and pull handle back.

Note: *If carpet machine does not start immediately, put handle back in upright position. Push in reset button on right side of machine. Make sure it stays in before proceeding as above.*



ENZYME TECHNOLOGY

The use of enzymes in cleaning products is well known. The following is a series of questions and answers which address many of the points often raised in discussing enzyme technology.

1. What are enzymes?

Enzymes are proteins produced by living organisms, these organisms may be single cell bacteria or multi-cellular such as animals or humans.

2. What are enzymes for?

Enzymes are produced to accomplish a task that the cell needs for purposes of reproduction, food for energy, or to aid other cells in the organism.

3. How do enzymes work?

Enzymes work by means of biocatalysts. This means that they do the same biological task, such as breaking down fats, over and over again without being changed themselves.

4. Are enzymes active?

No, they do not have the characteristics of living organisms, but their biocatalytic effects can often aid beneficial waste eating organisms.

5. Do enzymes quit working?

Yes, eventually they are deactivated by environmental factors such as chemicals, PH or high heat.

6. What happens to deactivated enzymes?

Like all pertinacious material, enzymes are naturally absorbed into the biological environment; they are used as food by bacteria and other organisms.

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7. Is there any trace left?

No, enzymes are not bioaccumulative and contain no heavy metals. They eventually degrade to Co₂ and water, in the same manner as food wastes, etc.

8. Why are enzymes so effective in cleaning and deodorizing?

When properly selected and blended with wetting agents, enzyme blends attack and breakdown many organic structures like slimes, complex sugars, fats, and greases. They also breakdown certain odor causing chemical structures such as those found in petroleum sludge, wastewater plants, and food processing facilities. They keep doing this over and over so less cleaner is required.

9. Are there any other benefits from using enzymes for cleaning?

Yes, once the initial cleaning task is done, the wash water is full of active enzymes, which promote the cleaning, and deodorization of drains. Discharged further into grease traps or pretreatment devices the enzymes promote deodorization, separation of wastes and continued breakdown of organics. Once discharged into the public sewer or other treatment systems, these same benefits continue.

10. Are enzymes safe to use?

Onyx products are formulated without phosphates, chlorine, acids, caustics or other hazardous materials. Toxicity testing has also been performed and these products have been proven to be very safe for employees, customers, and the environment (always follow recommended safety precautions.)

11. Don't other products claim to have enzymes?

Yes, but often the enzyme package is not sufficient to do many cleaning operations due to poor enzyme selection, or the enzymes are relatively inactive due to an inappropriate choice of surfactants blended in the product.



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RESTORATION USING ENZYMES

As you may or may not know, enzymes are a protein produced by bacteria to break-down waste as a food source. This is what gives them their amazing cleaning capability.

Restoration is different than just cleaning your carpets. By using natural enzymes to breakdown waste material therefore breaking the bonds of the waste, making it easier to remove these components and leaving your carpets cleaner and colors brighter.

Properly selected and blended enzymes attack and breakdown many organic structures such as sugars, fats, greases, and body fluids allowing a more efficient extraction and cleaner carpets. These are also environmentally friendly and aesthetically pleasing enzymes that eliminate odors caused by waste, mold, and mildew in the carpets.

Restoration is more than just putting enzymes down and extracting them. Restoration requires numerous steps to ensure all waste residue is removed from the carpet and restored to optimal appearance. Agitation is vital to insure fibers are free and clean of waste residues but most important is grooming and pile lifting.

Extracting and neutralizing are also important steps so that no previous chemicals are left in carpets. By insuring carpets are clean - with no heavy residue, this will insure the effectiveness of the Polymer Encapsulation to adhere to soil particles while reducing re-soiling.

Even though many steps are taken in the restoration process, heavy wetting of the carpets are still unnecessary. While most truck mounts and portable units apply 5 gallons of water solution per 1,000 square feet with only 70% being extracted, the restoration process applies only 2 – 3 gallons of water solution. Wetter is not better.

- Restoring your carpets and maintaining them will insure the optimal appearance.
- Extending the life of your carpets will save premature replacement costs.
- How important is your image and appearance to your customer?

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**THERE ARE CLEAR DIFFERENCES BETWEEN THE
NATURAL CLEAN SYSTEM AND THE TYPICAL WET
EXTRACTION METHOD**

NATURAL CLEAN

**LIGHTWEIGHT
SIMPLE TO USE
MAINTENANCE FREE
VACUUMS/PILE LIFTS
DRY TO LOW MOISTURE CLEANING
NO DRY TIME**

WET EXTRACTION

**HEAVY AND BULKY
MULTI-STEP PROCESS
HIGH MAINTENANCE
NONE
HIGH MOISTURE (5 GALLONS PER 1000
SQUARE FEET ONLY ~70.0% EXTRACTION)
UP TO 8 HOURS DRY TIME**

ENVIROZYME

**DIGEST STAINS AND ODORS
NEUTRAL PH BALANCED**

**MASKS STAINS AND ODORS
HIGH PH/ALKALINE**

ENVIROCAP

**ALLERGEN REDUCING
IMPROVES AIR QUALITY
PREVENTS WICKING
NO STICKY RESIDUE**

**NONE
NONE
NONE
NONE**

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POLYMER ENCAPSULATION

Polymer encapsulation is superior due to the fact that every carpet cleaning chemical tested in the industry is somewhat toxic, solvent, acid or caustic. They all leave a sticky residue which proves to be nothing more than a 'dirt-magnet'.

- Polymer is a generic term for plastic suspended in liquid (or in powder or chunk form).
- There are many polymers available but like enzymes they are specific in nature; some dry and sticky like rubber cement, some like sheet glass, and some like spherical globes. Some also attract dirt, some repel it.
- Polymer Encapsulation was a development of polymers that would attract dirt and dust as well as dust mites and their feces. The encapsulating chemistry surrounds and attaches to soil particles making them readily vacuumable without sticky residue as well as being compatible with all carpet types.
- Deep in the carpet fibers of most carpets is a chemical soup of semi dry caustics, acids, silicates, and solvents. Conventional detergents attack dirt or grease by using solvents. Any chemical left in the carpet actually works to attract more dirt which speeds the process of re-soiling.
- Over wetting is also a main problem with most conventional cleaners. Over wetting causes mold and mildew, breeds harmful bacteria, and attracts more dirt. The average truck mount or portable unit will use 5 gallons of water for every 1,000 square feet with only 70% being extracted causing long dry times.
- **Natural Clean** System's low moisture maintenance program using polymer encapsulation cleans, brightens, and encapsulates dirt, dust mites, molds, and mildews making them easy to remove by daily vacuuming improving indoor air quality and keeping your carpets in the optimal condition. The low moisture maintenance program uses less than 1 gallon of diluted product for every 1,000 square feet with less than 30 minutes dry time.
- A true maintenance program for your carpets is truly different than just having them cleaned periodically. By not having a maintenance program you shorten the life of your carpets as much as 70% not counting the dirty and ugly appearance.
- Maintain me now or replace me sooner is what carpets are all about. It's your choice.

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SPOT CLEANING GUIDE

Removing spots from carpet can be simple or tedious depending on the spot and how long it has been on the carpet. At times many applications of the spot removal solution or a second solution are necessary. Listed below is a general spot removal procedure.

Never use a circular motion to remove a spot as this will destroy the texture. To prevent wick up, the final step should be to dry clean with **Natural Cleans'** dry carpet EnviroZorb, or where applicable, rinse with clear water, blot dry, and put a thickness of several white paper towels over the damp area. This will allow any stain wicking up from the backing to go onto the towels rather than remain on the carpet surface. Allow to dry and remove the towels and brush up the carpet.

Test an inconspicuous area of your carpet. Do not use if color in the test area marks off on a white paper towel.

Natural Clean does not assume any liabilities to these suggestions.

Items to have on hand to remove stains:

- EnviroZyme Enzymatic Cleaner
- Natural Orange
- Dry Cleaning Formula
- White Terry Towels
- Spray bottle for applying solutions

Steps:

Step 1

UNKNOWN & GREASY SPOTS – Remove as much of the stain by blotting with a white paper towel or scraping with a dull knife. Apply Natural Orange to a clean white cloth. If the spot extends deep into the pile use a blotting motion until the spot is removed or no color is on the cloth. Do not allow Natural Orange to penetrate into the backing as this will destroy the latex bond. If the spot is on the surface only, rub in one direction at a time. **NEVER** use a circular motion to remove spot as this may destroy the texture.

Step 2

WATER BASED / BODY FLUIDS / FOOD SPOTS – Blot up as much of the spill as possible. A wet vacuum is useful if a large quantity of liquid was spilled. If spot has dried, saturate the tufts in the affected area with EnviroZyme Enzymatic Cleaner (do not over-wet). Allow to remain for about a minute and blot. If the spot is being removed using EnviroZyme Enzymatic Cleaner, continue until the spot is gone. Blot dry and apply White Terry Towel and pressure.

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TYPICAL STAIN REMOVAL GUIDE

A

BLOOD, CATSUP, CHEESE, CHOCOLATE, COUGH SYRUP, MIXED DRINKS, SOY SAUCE, STARCH, TOOTHPASTE, WATER COLOR AND WHITE GLUE

Remove as much of the stain as possible. Neutralize with EnviroZyme Enzymatic Cleaner. DO NOT wet backing. Blot with a white terry towel to remove excess moisture.

B

BEER, COFFEE, PERFUME, TEA AND WINE

Remove as much of the stain as possible then neutralize and clean with EnviroZyme Enzy matic Cleaner. DO NOT wet backing. Blot with a white terry towel to remove excess moisture.

C

EGG, EXCREMENT, URINE, AND VOMIT

Remove as much of the stain as possible then neutralize and clean with EnviroZyme Enzy matic Cleaner. DO NOT wet backing. Blot with a white terry towel to remove excess moisture. Scrub in micro-sponges and remove.

D

CANDLE WAX OR OTHER TYPES OF WAX

Spread brown paper (such as grocery bag) or a terry cloth towel over the area and iron on it with the setting on "warm". The wax will be absorbed into the paper or towel. Remove any traces with Natural Orange.

E

CHEWING GUM

Freeze the gum using an ice cube. Shatter the frozen gum with knife handle and vacuum.

F

MUD

Allow mud to dry completely. Shatter the dried mud with the handle of a knife and vacuum.

G

RUST

Saturate spot with Natural Orange using a spray bottle and allow remaining to dry for 5 minutes. If this does not work, call a professional. Most rust removers contain a very strong acid and are not recommended for use by homeowners.

H

NAIL POLISH

Remove as much as possible using a spoon or dull knife. Apply a non oily nail polish remover to a clean white cloth and gently rub in only one direction at a time. Continue until spot is removed. DO NOT al low nail polish remover to get to the latex backing.

I

SOOT, GRAPHITE, COPIER MATERIAL

Vacuum using a crevice tool of a vacuum cleaner to remove soot. If all of the soot has not been re moved, call a professional. If vacuuming has removed all particles, go to step 1 to remove traces.

STAINS THAT CANNOT BE REMOVED

Acid toilet bowl cleaners, acne medication, alkaline drain cleaners, chlorinated bleaches, hair dyes, iodine, insecticides, mustard with turmeric, plant fertilizers and stains of this nature cannot be re moved as they have permanently altered the carpets color. Call a professional. Most likely the only solution is to insert carpet from a closet or another area.

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To Remove	Use Steps	To Remove	Use Steps
Asphalt	1	Crayon	1, 2
Beer	B, 2	Dirt	F, 2
Berries	2,	Egg	C, 2
Blood	A, 2	Excrement	C, 2
Butter	1, 2	Fruit Juice	2, 2
Calamine Lotion	1, 2	Furniture Polish	1, 2
Candle Wax	D	Toner	I, 1
Candy	2	Gravy	1, 2
Catsup	A, 2	Grease	1, 2
Cheese	A, 2	Hand Lotion	1, 2
Chewing Gum	E	Household Cement	2
Children's Drink Mix	2	Ice Cream	1, 2
Chocolate	A, 2	Ink	1, 2
Coffee	B, 2	Lacquer	1, 2
Cola	A, 2	Shoe Polish	1, 2
Make-Up	1, 2	Shortening	1, 2
Mayonnaise	1, 2	Soft Drinks	A, 2
Milk	1, 2	Soot	I, 1
Mixed Drinks	A, 2	Soy Sauce	A, 2
Mud	F, 2	Starch	A, 2
Nail Polish	H, 2	Tar	1, 2
Oil	1, 2	Tea	B, 2
Latex Paint	1, 2	Toothpaste	A, 2
Perfume	B, 2	Urine	C
Playdoh	1, 2	Vaseline®	1, 2
Rubber Cement	1, 2	Vomit	C, 2
Rust	G, 2	Watercolor	A, 2
Salad Oil	1, 2	White Glue	A, 2
Sauces	1, 2	Wine	B, 2
Cough Syrup	A, 2	Unknown	1

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MACHINES






Product	Picture
<p>Machine NC10</p>	
<p>Machine NC15</p> <p>14.96" wide, 42.33 lbs.</p> <p>Can clean approx. 600 sqft/ hour*</p> <p style="text-align: center;"><i>1200 sqft/hour*heavily soiled</i></p>	
<p>Machine NC20</p> <p>19.28" wide, 46.96 lbs.</p> <p>Can clean approx. 760 sqft/ hour*</p> <p>*heavily soiled</p>	
<p>Machine NCD3</p> <p>Approx. 20" wide, 51 lbs</p> <p>Can clean up to 2000 sqft/hour</p>	

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BRUSHES

<p>For NC10 & NC15</p> <p>Brushes - Soft</p>	
<p>NC10 NC15 NC20 NCD3</p> <p>Brushes – Standard</p>	
<p>NC10 NC15 NC20 NCD3</p> <p>Brushes - Hard</p>	
<p>ROTA Drill Brush Attach- ment</p>	







CHEMICALS
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<p>EnviroZorb</p> <p>10 x 2.2 pounds/box</p>	
<p>EnviroZorb</p> <p>2 x 17.6 pounds/box</p>	
<p>EnviroZorb Pail</p> <p>1 x 24.25 pounds/pail</p>	
<p>EnviroZyme Enzymatic Carpet Cleaner – 4 - 1 Gallons to a case</p> <p>Concentrated cleaner and deodorizer</p>	
<p>EnviroZyme Enzymatic Carpet Cleaner - 5 Gallon</p> <p>Concentrated cleaner and deodorizer</p>	

CHEMICALS
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<p>EnviroCap – 4-1 Gallons to a case</p> <p>Highly effective cleaner with outstanding anti-re-soiling ability.</p>	
<p>EnviroCap - 5 Gallon</p> <p>Highly effective cleaner with outstanding anti-re-soiling ability.</p>	
<p>Natural Clean Dry-Foam Concentrate 1:4 (for upholstery)</p> <p>Dry-foam concentrate for upholstery cleaning. 1 litre</p>	
<p>Spot Cleaning Kit (for carpets, rugs, upholstery & car textiles.) Packing: 20 kits/box</p> <p>20 kits/ incl. display!!!</p>	

MISCELLANEOUS

<p>2 Quart Sprayer</p> <p>Perfect for applying enzyme solution and Encapsulator.</p>	
<p>Natural Clean 9" Manual EnviroZorb Applicator</p> <p>Apply the dry cleaning EnviroZorb with ease with this 9" bowl applicator.</p>	
<p>Aluminium Transport Box with wheels</p> <p>For NC10 & NC15</p>	
<p>Stair Climber 3 Wheel for NCD3</p> <p>Move your NCD3 up and down stairs without hassle!</p>	
<p>Accessory Bag</p> <p>Store your items directly on the machine. Accessory Bag is mountable onto the handle bar of models NC15 & NC20.</p>	
<p>Repair Kit for all our machines.</p> <p>Do your small repairs with ease.</p>	

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