Harvard Chemical 51004, Pet Stain Off, Enzyme Treatment, 4-1 Gallon CASE, UPC: 711978404249



Model Number: 51004

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Manufacturer: Harvard Chemical Research

Harvard Chemical 51004 Pet Stain Off Bacteria and Enzyme Treatment
Case of Four 1-Gallon Bottles — 4 Gallons Total

Harvard Chemical Pet Stain Off is a professional-strength bacterial and enzyme treatment formulated to digest organic contamination and help eliminate the stains and odors caused by animal waste. The active formula attacks odor-producing material such as urine, feces, vomit, and other organic residues instead of merely covering the odor with fragrance.
Pet Stain Off can be used for professional carpet cleaning, pet-odor remediation, upholstery cleaning, restoration work, and other applications involving organic stains and malodors. It may be applied with a pump-up sprayer or used with compatible hand, bonnet, and extraction cleaning methods.
This bulk case includes four separate one-gallon bottles, making it a practical choice for professional carpet cleaners, restoration contractors, janitorial companies, property managers, animal-care facilities, and other high-volume users.

What Is Included?

- Four Harvard Chemical Pet Stain Off bottles
- One gallon per bottle
- Four gallons total
- Manufacturer part number: 51004

Quantity clarification: This listing is for one factory case containing four individual one-gallon bottles. It is not a single one-gallon bottle.

Designed to Treat Organic Stains and Odors From:

- Pet urine
- Dog and cat accidents
- Fecal matter
- Vomit
- Animal waste
- Other biodegradable organic residues
- Odor-producing material embedded in carpet fibers

Product Features

- Professional bacterial and enzyme odor-digestion formula

Harvard Chemical 51004, Pet Stain Off, Enzyme Treatment, 4-1 Gallon CASE, UPC: 711978404249

- Approximately 1.5 billion bacteria per ounce
- Contains active and adaptive bacterial cultures
- Uses both aerobic and anaerobic organic digesters
- Digests organic material responsible for persistent odors
- Helps eliminate stains and malodors instead of only masking them
- Biodegradable formulation
- USDA-APHIS approved
- Neutral to mildly alkaline pH
- Suitable for use with several professional carpet-cleaning methods
- Excellent detergency

How Pet Stain Off Works

Pet Stain Off contains beneficial bacteria and enzymes that begin breaking down organic contamination under suitable conditions. The bacterial cultures consume the organic material responsible for many pet stains and odors.

Unlike a fragrance-only deodorizer, this product is designed to reduce the odor source itself. Adequate moisture, warm temperatures, proper dilution, and sufficient dwell time help support the biological digestion process.

Older, heavily saturated, or deeply contaminated areas may require repeated treatment. Carpet backing, padding, subflooring, upholstery filling, and other concealed materials may also require direct treatment when contamination has penetrated beneath the visible surface.

Carpet and Upholstery Applications

Pet Stain Off can be used with several professional cleaning methods, including:

- Pump-up or hand sprayer application
- Carpet extraction cleaning
- Bonnet cleaning
- Manual spot treatment
- Pet-odor remediation procedures

Always inspect and test the material before widespread application. Apply enough mixed solution to reach the same depth as the contamination. Surface-only treatment may not completely correct odor originating in carpet backing, padding, subflooring, upholstery cushions, or other concealed materials.

Directions for General Odor Control

- Remove loose waste and excess contamination.
- Clean or blot up as much removable material as practical.
- Apply the properly diluted product directly to the source of the malodor.
- Apply enough solution to contact all contaminated material.
- Keep the treated area moist for at least 30 minutes.
- Allow the bacterial and enzyme action sufficient time to digest the organic

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residue.
• Repeat the application when dealing with heavy or deeply absorbed contamination.

Directions for Carpet Treatment

• Vacuum the carpet thoroughly.
• Spot-clean and remove loose contamination before applying the treatment.
• Mix Pet Stain Off according to the level of organic contamination.
• Apply with a pump-up sprayer, hand sprayer, or compatible carpet-cleaning equipment.
• Keep the treated area moist for a minimum of 30 minutes.
• Allow additional dwell time for severe or older contamination when appropriate.
• Extract or complete the cleaning process according to the surface manufacturer's recommendations.

Recommended Dilution

Application	Dilution Ratio	Product Per Gallon of Water
Light organic contamination	1:16	8 ounces per gallon
Heavy organic contamination	1:8	16 ounces per gallon

When used in compatible carpet-cleaning equipment, use approximately 1/2 pint to 1 pint per gallon of mixed solution, depending on the severity of the contamination.

Estimated Mixed-Solution Yield

Dilution

Steambrite Supply

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Concentrate Used Per Gallon
Approximate Yield From This 4-Gallon Case

Light contamination
8 ounces
Approximately 64 gallons of mixed treatment

Heavy contamination
16 ounces
Approximately 32 gallons of mixed treatment

Actual coverage will vary according to surface porosity, application method, contamination depth, and the amount of solution required to reach the odor source.

Optimum Conditions for Biological Activity

- Effective pH range: approximately 6.0 to 9.5
- Optimum pH: approximately 7.5
- Warm conditions generally improve bacterial activity
- Product activity is retained at temperatures up to approximately 130°F
- The treated area should remain moist long enough for biological digestion to occur

Do not combine Pet Stain Off with strong acids, caustic cleaners, chlorine bleach, disinfectants, sanitizers, oxidizers, or other chemicals that may destroy or reduce bacterial and enzyme activity.
When another cleaning chemical has already been used, rinse the affected area thoroughly and return it to a suitable pH before applying the biological treatment.

Product Specifications

Manufacturer
Harvard Chemical Research

Product Name
Pet Stain Off

Manufacturer Part Number

Steambrite Supply

Harvard Chemical 51004, Pet Stain Off, Enzyme Treatment, 4-1 Gallon CASE, UPC: 711978404249

51004

Package Quantity
Case of four one-gallon bottles

Total Product Volume
4 gallons / 512 fluid ounces

UPC Listed
711978404249

Product Type
Bacterial and enzyme organic stain and odor digester

Appearance
Milky white liquid

Fragrance / Odor
Neutroleum / bubblegum

Specific Gravity
Approximately 1.00

pH
Approximately 6.5 to 7.5

Biodegradable
Yes

Detergency
Excellent

Important Application Notes

Steambrite Supply

Harvard Chemical 51004, Pet Stain Off, Enzyme Treatment, 4-1 Gallon CASE, UPC: 711978404249

- This product must contact the actual odor-producing material to work properly.
- Apply enough mixed product to reach the full depth of the contamination.
- Do not expect a light surface mist to correct contamination located in carpet padding or subflooring.
- Maintain adequate moisture during the required dwell period.
- Do not use boiling water or expose the bacterial treatment to excessive heat.
- Do not mix the concentrate with incompatible cleaners or disinfectants.
- Heavy contamination may require repeated treatment.
- Test delicate fabrics, upholstery, rugs, and color-sensitive materials before widespread use.

Frequently Asked Questions

Is Pet Stain Off only a deodorizer?

No. It is a biological stain and odor treatment containing bacteria and enzymes designed to digest organic material responsible for many persistent odors.

Does it simply cover pet odors with fragrance?

The product does contain a fragrance, but its principal purpose is to digest odor-producing organic contamination rather than merely covering the odor.

Can it be used for both urine and fecal contamination?

Yes. The formula is intended to treat organic residues including urine, feces, vomit, and other animal-waste contamination.

Can it be applied through a carpet extractor?

The manufacturer states that it can be used with compatible extraction equipment. It may also be applied separately with a hand or pump-up sprayer.

How long should the product remain wet?

Keep the treated material moist for at least 30 minutes. More severe contamination may benefit from additional dwell time.

Will it correct urine that has soaked through the carpet?

Only when the mixed treatment reaches all contaminated materials. Carpet backing, padding, tack strip, subflooring, baseboards, or wall materials may require separate treatment or replacement.

Why might the product fail to work?

Common causes include insufficient product, inadequate dwell time, allowing the area to dry too quickly, failure to reach the contamination source, incompatible chemical residue, extreme pH, or contamination that has penetrated materials that were not treated.

How much product is included?

This listing includes four one-gallon bottles for a total of four gallons.

Safety Information

Keep out of reach of children. Read and understand the product label and current Safety Data Sheet before use. Follow all manufacturer instructions regarding handling precautions, protective equipment, storage, spill response, and first aid.

Do not mix cleaning chemicals unless the combination is specifically authorized by

Harvard Chemical 51004, Pet Stain Off, Enzyme Treatment, 4-1 Gallon CASE, UPC: 711978404249

the manufacturer. Specifications, formulation, packaging, labeling, fragrance, and bottle appearance are subject to change without notice.

Harvard Chemical 51004 Pet Stain Off — professional bacterial and enzyme treatment supplied as a money-saving case of four one-gallon bottles.
Harvard Chemical 51004 Pet Stain Off Enzyme Treatment Case 4-1 Gallon Case
Description:
Pet Stainoff is a special blend of bacteria and enzymes that, under proper conditions, will eliminate organic matter and the odors caused by animal waste. This product's bacterial action will digest materials in which are causing odors such as urine, fecal matter, vomit, and other pet related odors. In carpet cleaning, Pet Stainoff can be used as a carpet deodorizer and digestant of organic waste such as urine and fecal matter and odors from many sources. This product quickly works to digest all residues attached to carpet fibers relieving the carpet of stains and odors. Pet Stainoff can be used in conjunction with many types of carpet cleaning equipment and methods. The product can be added directly to the solution tank or used in a pump-up sprayer. Pet Stainoff works extremely well with hand, bonnet, and extraction cleaning methods.
Features:
Eliminates Pet Stains and Odor
Highly concentrated blend of active and adaptive bacteria (1.5 billion bacteria count per ounce)
Digests organic matter and neutralizes malodors
Organic stain and odor digesters are both aerobic and anaerobic
USDA-APHIS Approved
Specifications:
Appearance: Milky White Liquid
Odor: Neutroleum / Bubblegum
Specific gravity: 1.00
PH: 6.5 – 7.5
Biodegradable: Yes
Detergency: Excellent
Instructions:
For general odor control spray product directly on malodor and allow the bacterial action to digest the material and odor. For carpet deodorizing and digesting organic waste, spot clean and vacuum carpet thoroughly. Mix 1/2 to 1 pint of product per gallon of water. Apply with pump or hand sprayer. Keep moist for at least 30 minutes. If used in carpet cleaning equipment, use 1/2 to 1 pint of product to every gallon of mixed solution. Optimum Conditions - Bacteria in digester perform within a pH range of 6.0 to 9.5 with the optimum pH near 7.5. The addition of strong acid or caustic cleaners will kill the enzyme activity. This product's organic stain and odor digesters formulation are most active at warm temperatures and will retain its activity up to a temperature of 1300 F.
Dilution:
Light organic matter……………………1:16 (8 ounces/gallon)
Heavy organic matter………………….1:8 (16

Harvard Chemical 51004, Pet Stain Off, Enzyme Treatment, 4-1 Gallon CASE, UPC: 711978404249

ounces/gallon)
Safety:
Product Informaiton

Material Safety Data Sheet

Keep out of reach of children!

Prior to using this or any cleaning product, make sure employees read and understand the hazard information found on the product label and Material Safety Data Sheet (MSDS). The label and MSDS will also provide information on handling precautions, protective equipment and first aid instructions which might be appropriate for this product.

Availability: This product was added to our catalog on Monday 12 December, 2016