

HELPFUL HINTS – **Bio-Modifier** will work faster when heated to 110 – 120°F. This can be accomplished by loosening the lid of the **Bio-Modifier** and placing it in a 5 gallon bucket of water, Heat using a bucket heater.



CAUTION – Never guarantee pet odor removal if you are performing only a surface treatment. Contaminates often reach the carpet backing, the cushion and even the floor under the carpet. When you have not completely removed the source of the odor some of the odor could remain or return.



Quick Guide



PROCEDURE

- 1 Determine customer's L.O.T.
- 2 Locate area that needs attention.
- 3 Pre-treat spots with **T.C.U.** and flush.
- 4 Apply **Bio-Modifier**; Allow for dwell time.
- 5 Clean carpet. Prespray with **Zone Perfect** and extract with **End Zone**.
- 6 Deodorize with **Hydrocide** if needed

PRODUCTS NEEDED

- **T.C.U.**
- **Gel break**
- **Zone Perfect**
- **End Zone**
- **Hydrocide**
- **Urine Stain Remover**
- **Moisture Detector**
- **2-qt Pump-UP Sprayer**
- **High Intensity UV light**
- **Extraction Machine**

Other Resources

Bridgepoint Catalog
Bridgepoint Manual Successful Urine Decontamination, Odor and Stain Removal
Bridgepoint Carpet Cleaning Manual
Bridgepoint Website www.bridgepoint.com
Your local Interlink Supply or Bridgepoint Distributor

DEODORIZATION

Urine Treatment - Surface Only

INTRODUCTION

Urine decontamination is often an involved, multi-step process that can be profitable for the cleaner but expensive for the client. Depending on the amount of urine, the client's level of tolerance and other factors, a full restoration may not be required. This Technical Bulletin discusses surface treatment.

Consider using a surface treatment if there is a small amount of urine present; if the client's concern is more about stain rather than odors; if the client has a limited budget. Even with surface treatment, the problem likely involves stain, odor and contamination. Keep in mind that any urine contamination is more than a minor spot removal. This will help you and your client have realistic expectations of the results.

PROCEDURE

➤ STEP 1

Determine the customer's level of tolerance (L.O.T.). If they only wish it to be "better than it is now," surface treatment is the answer. If they want the odor gone completely, then sub-surface or complete restoration may be needed.

➤ STEP 2

Locate the area needing treatment. You can find surface urine using the eyes, the nose or a **Moisture Detector**. The most preferred method is using a **High Intensity Ultra-Violet Light** that will cause the urine to fluoresce when exposed.

➤ **STEP 3**

Pre-treat the stains using **T.C.U.** This is an acid spotter that will neutralize the alkaline salts that are present. This makes them easier to remove. Flush using **Water Claw Spot Lifter** and extract.

NOTE: Spots that received repeated contamination may have a sticky or oily feel. These stains should be pre-treated with **Gel Break** or other solvent spotter. Work your solvent into the stain then allow about 10 minutes dwell time and rinse. Do this before using **T.C.U.**

➤ **STEP 4**

Thoroughly wet the area with **Bio-Modifier** or **Bio-Charge**. **Bio-Modifier** contains the highest concentration of bacteria / enzymes possible along with odor counteractants and surfactants. Allow a minimum of 30 minutes dwell time. Longer dwell times will help on more extensive contamination. If the situation permits (for example vacant homes or apartments), dwell times up to 48 hours will be fine.

➤ **STEP 5**

Clean the carpet using hot water extraction. Pre-spray with **End Zone** and extract with **Zone Perfect**. These products will provide a thorough cleaning but the moderate pH will not affect the performance of the **Bio-Modifier**. Any enzymes that are left in the carpet will provide a residual action against future contamination.

➤ **STEP 6**

If any odor remains, saturate the area with Hydrocide. Dilute Hydrocide 6 -8 ounces per gallon of water. Extract.

NOTE: Bio-Charge can be used rather than Bio-Modifier. Bio-Modifier contains a built-in fragrance. Bio-Charge does not have a fragrance. However you can add Spice Air Premium Odor Counteractant to Bio-Charge.

NOTE: Strong chemicals in the urine can remove color from the carpet. This is especially likely with older stains. Although the appearance may be similar to a yellow stain, color loss can not be corrected by cleaning. Color repair (spot dyeing) or a bonded insert are the alternatives if color loss is not acceptable to the client.

Chemicals Needed



T.C.U.
Type: Acid spot remover for coffee, tannin and urine
Highlights: Neutralizes alkaline salts in the urine which makes it easier to rinse out.



Gel Break
Type: Gelled citrus spotter
Highlights: Dissolves oily lipids that build up when the same spot receives multiple deposits.



Hydrocide
Type: Premium odor neutralizer
Highlights: Works immediately to bind to and absorb a wide variety of odors.



Zone Perfect
Type: Moderate pH prespray
Highlights: Concentrated prespray suitable for most carpets and compatible with bacteria / enzyme products.



End Zone
Type: Acid side cleaner and rinse agent
Highlights: Packs cleaning power and still leaves the carpet in a neutral state.



Alternative Chemicals
• Bio Charge
• Spice Air
• Urine Stain Remover

Accessories



Hydro-Force Injection Sprayer
Description: Injection Sprayer
Purpose: Applies chemicals quickly, evenly and efficiently.



TCBS 3-gallon Pump Sprayer
Description: Pump Sprayer
Purpose: Applies chemicals quickly, evenly and efficiently.



2-quart Pump Sprayer
Description: Pump Sprayer
Purpose: Applies chemicals quickly, and efficiently.



Moisture Detector
Description: Detection Equipment
Purpose: Identifies urine deposits because urine salts attract moisture from the air



High Intensity UV Light
Description: Detection Equipment
Purpose: Detects urine deposits on carpet and upholstery.

Equipment



Truck Mount
Description: Hot water extraction machine
Purpose: Unit provides necessary heat, pressure and vacuum to obtain desired results.



Olympus Portable Extractor
Description: Portable Extractor
Purpose: Portable unit that extracts water and chemical from carpet or upholstery.