



DEODORIZATION

Urine Treatment - Sub-Surface

INTRODUCTION

Urine decontamination is typically an involved, multi-step process that can be very profitable for the cleaner. There are basically three ways to approach urine odor removal: surface treatment, sub-surface treatment, and complete restoration. In this brochure we will be discussing sub-surface treatment, using the **Water Claw**. Because this process is midway between a surface only treatment and complete restoration, many clients will select this level of service. Sub-surface treatment is also a good choice for isolated areas of contamination in the middle of a room where moving furniture and turning back the carpet is not practical. This is the most thorough deodorization you can perform without disengaging the carpet.

PROCEDURE

- **STEP 1**
Determine the customer's L.O.T. (level of tolerance). If cost is an issue, or they are unwilling to prevent the problem from happening again, (like removing the pet), then you may suggest performing a surface treatment only.
- **STEP 2**
Locate the area needing treatment. You can find urine using the nose, a **Moisture Detector**, or by finding backing stains by lifting up a corner of the carpet (usually reserved for restoration situations). The preferred method is using a **High Intensity Ultraviolet Light** that will cause the urine to fluoresce.
- **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**
Mix 6 ounces of **Boost All** with a gallon of very hot water (150°F minimum). This mixture will produce a lot of foam. Use a large container. Flood the effected area with this mixture. One gallon should cover between 4 and 8 sq. ft. depending upon the thickness of carpet and cushion. Work it into the backing and cushion. Allow 15 to 20 minutes dwell time.
- **STEP 5**
Extract using the **Water Claw** Spot Lifter. This tool will allow you to remove almost all the moisture from the carpet, the backing and the cushion. You may repeat steps 4 and 5 if necessary.
- **STEP 6**
If any odor remains, saturate the area with **Hydrocide**. Dilute Hydrocide 6-8 ounces per gallon of water. Extract.
- **STEP 7**
If any discoloration remains apply **Urine Stain Remover**.

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



Gel Break

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



Boost All

Type: Concentrated Oxidizer
Highlights: Rapidly breaks down molecules in the urine to basic substances.



Hydrocide

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



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.



Urine Stain Remover

Type: Powerful oxidizer for difficult urine stains.
Highlights: Will continue to work for hours after you're gone until the stain disappears.



Alternative Chemicals

- Kleen-N-Treat
- Rinse-N-Treat
- Urine Neutralizing Treatment
- Bio-Enzyme Decontaminate

Accessories



The Spot Lifter by Water Claw
(You may choose to use one of our larger Water Claws for larger areas.)

Description: Sub-Surface Spot Lifter
Purpose: Extracts liquids from carpet, backing and cushion.



Moisture Detector

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



2-quart Pump Sprayer

Description: Pump Sprayer
Purpose: Applies chemicals quickly and efficiently.



High Intensity UV Light

Description: Detection Equipment
Purpose: Detects urine deposits on carpet and upholstery.

Equipment Needed



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.

HELPFUL HINTS – Urine gives off two types of odor.



The first comes from bacteria that are in the carpet that is fed by the animal daily, and as it breaks down, creates amino acids. The second is the chemical odor that is given off from the decomposing matter. This explains the ammonia smell. It is a good idea to use a strong pairing agent like **Delimitate** to kill this airborne odor immediately, while the enzyme works on the bacteria. This gives an immediate effect to the situation.

CAUTION – Be careful of what degree of odor removal that you guarantee. In the worst cases, the subfloor, tack strip, base boards, and walls could be affected, and your best option may be complete restoration. See Complete Restoration brochure for more information.



Quick Guide



PROCEDURE

- 1 Determine customer's L.O.T.
- 2 Locate area that needs attention.
- 3 Pre-spot urine stains with T.C.U.
- 4 Apply enzyme bath using **Bio Charge** and **Spice-Air**.
- 5 Extract with **Water Claw**.
- 6 Apply post-spray of **Bio Charge** with **Spice Air**.

NOTE - If cleaning the carpet, pre-condition with **Hydro Break** and extract with **Point Blue**. These products will not affect the performance of your enzyme treatment.

PRODUCTS NEEDED

- **Bio Charge**
- **Spice-Air**
- **T.C.U.**
- **Water Claw Spot Lifter**
- **Moisture Detector**
- **2-qt Pump Sprayer**
- **High Intensity UV Light**
- **Extraction Machine**

Other Resources

Bridgepoint Catalog

Bridgepoint Odor and Urine Manual

Bridgepoint Carpet Manual

Bridgepoint Website • www.bridgepoint.com

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