



## Bio Pro Urine Off Instructions

Urine Off Odour and Stain Remover by Bio-Pro Research is a chemical free product that uses a high performance bio-enzymatic technology specifically formulated for the removal of human and pet urine, and other bodily fluids.

Urine Off works on all surfaces by using specialised enzymes and bacteria to break down the components of urine and other bodily fluids that cause odour and stains, as well as their proteins that host the growth of undesirable microorganisms.

We strongly recommend that you read the following instructions prior to using Urine Off to ensure the product is used in the most suitable and effective manner.



*natural cleaning solutions that work*

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### Important Notes

- We recommend using a Urine Mini LED Finder to easily locate hard to find urine deposits and Zorb-It-Up! Liquid to Solid for quick and easy clean up of fluids.
- Urine Off must contact all urine deposits on or below the surface (if applicable) to be effective. Different surfaces will require different techniques - refer to the specific instructions.
- Urine Off must remain wet and in contact with urine deposits long enough for the formula to break down uric acid crystals contained in urine. The odour may intensify which is a sign that Urine Off is working.
- In cases where deposits are heavy, old, or other cleaning products have been used, more than one Urine Off treatment may be required. Repeat necessary steps for complete removal.
- Most stains need to be soaked with Urine Off and allowed to air-dry. The more absorbent the material or surface, the more Urine Off that will be required.
- The longer Urine Off can remain moist, the better it will work. A soaked surface can be maintained by covering it with plastic and left on overnight.
- Never spray Urine Off on pets or people. Urine Off is safe to use around both pets and people but is not designed for topical use.
- Always check fabrics and carpets for colour fastness in an inconspicuous area.
- Never use other cleaners or chemicals at the same time as using Urine Off as it will reduce its effectiveness and could result in unknown effects. If other products have previously been applied, ensure that any residue has been completely removed before using Urine Off and note that repeat applications may be necessary due to residual chemicals still evident.

## Fabric, Clothing, Bed Linens, and Towels

1. Saturate the affected and surrounding area of urine with Urine Off.
2. Leave for 15-30 minutes before washing.
3. If the stain or odour persists, saturate the fabric and place in a plastic bag or cover with plastic cling wrap overnight. This will keep Urine Off moist for longer allowing the bio-enzymatic action to completely break down the odour and stain.
4. Remove the plastic and blot the area dry with paper towels. Repeat application if necessary.
5. Rinse or wash the item to remove any residue.

## Furniture & Mattresses

Always check for colourfastness and for specific treatment of delicate furnishings such as leather. First consult with the manufacturer or store from which the item was purchased before cleaning. Urine Off will generally do no more harm to leather or fabric than water would, especially when compared to the burning acidity that dried urine would have. Long-term urine exposure can actually burn leather, the dyes in the fabric of the furniture or the mattress. Such damage is not common, but even the most complete urine removal system cannot reverse it.

1. Do not use any other cleaners, chemicals, or shampoo the affected area. If you plan to have the furniture professionally cleaned, this should only be done after urine has been removed with Urine Off.
2. Soak up as much urine as possible by blotting with paper towels.
3. Use the "stream" setting on the nozzle and saturate the urine stain and the underlying padding (if applicable) with Urine Off. (Urine Off must contact all of the urine-soaked material completely to remove the odour and stain. For mattresses and heavily padded furniture, ensure that Urine Off soaks through to the pad as much as the urine would have originally soaked through. Use the Urine Finder to specifically identify surface areas of contamination.)
4. Allow to air dry. After urine has been removed, remove residue by applying a small amount of water to the area and blotting it up with a paper towel. It is important to remove the residue or the area may attract dirt.
5. For particularly old or difficult stains, saturate the area and cover with plastic wrap for 24 to 48 hours, allowing Urine Off to stay moist longer. Repeat steps as necessary for complete removal.

## Carpet

Do not use any other cleaners or chemicals on the stain. Do not shampoo carpet or upholstery. If you plan to have the carpet or upholstery shampooed, do this only after you have removed the urine with Urine Off. Be aware that long-term urine exposure can actually burn the dyes in the carpet. Such damage is not common, but even the most complete urine removal cannot reverse it.

1. Soak up as much urine as possible by blotting with paper towels. Do not use your shoe to press down the paper towels, as any residue will spread the urine. The use of cleaning gloves is highly recommended.
2. Use the "stream" setting on the nozzle and saturate the urine stain and the underlying padding with Urine Off. (Urine Off must contact all of the urine-soaked material completely to remove the odour and stain).
3. Allow to air dry.
4. For particularly old or difficult stains, saturate the area and cover with plastic wrap, allowing Urine Off to stay moist longer. After a few hours, remove the plastic and blot the area dry with paper towels. Repeat application on subsequent days until stain is no longer visible and odour is removed (may take 3-4 applications).
5. After urine odour and stain are removed, remove residue by applying a small amount of water to the area and blotting up with a paper towel. It is important to remove residue or the area may attract dirt.

## Litter Boxes

1. Plastic litter boxes can absorb urine and capture odours despite regular cleaning. Empty the litter box.
2. Wash and dry the litter box as usual, being careful to rinse away all traces of soap.
3. Liberally coat the entire box, inside and out, with Urine Off.
4. Allow to air dry for 30 minutes.
5. Once the box is odour-free, wipe with a paper towel and refill with litter box material.
6. Initially it may take more than one treatment to remove built-up urine. Repeat application as required.

## Hardwood Flooring

Urine stains in hardwood flooring are some of the toughest stains to remove, especially if repeated soiling has turned the area black. The black stains indicate that there is a build-up of dried uric acid crystals which have burned the tannins in the wood ruining the appearance of the flooring.

Urine Off can remove the urine odour entirely and can also remove the build up of dried uric salt crystals through repeated application; however, the damage to the wood tannins cannot be reversed. This means that after the black stains are removed with Urine Off, the wood may remain a stained gray to black colour. If the level of discoloration is unacceptable, then refinishing will be necessary by sanding the damaged wood to an acceptable level.

Always treat the stain with Urine Off before refinishing, as the heat of sanding can 'bake' the uric acid crystals into the wood and make the odour and stain removal process much more difficult. Use Urine Off to remove as much of the stain as possible with multiple applications; and less wood will need to be removed during the finishing process. The following procedure is for a severely stained floor; therefore a less severe stain will not require such an extensive treatment.

1. Start by treating the perimeter with Urine Off.
2. Next spray the entire floor until completely saturated.
3. Cover the wet floor with plastic sheeting to slow down evaporation allowing the product to work longer.
4. As Urine Off loosens the crystals from the wood, the plastic will help draw the urine to the surface. It is normal for the urine odour to actually become stronger at this point.
5. After 30 minutes, remove the plastic and blot the floor dry with paper towels.
6. Re-apply Urine Off, but without the plastic. The urine will continue to be drawn to the surface. After 30 minutes, blot the floor dry with paper towels.
7. Continue to apply Urine Off and blot up after 30 minutes until all odour is removed. Each treatment will improve the condition of the wood making the stains become lighter and smaller in appearance.
8. Spot-treat stained areas as needed until stains are gone or have ceased to grow lighter.
9. Allow to air dry.
10. After the final treatment, rinse with water and wipe or mop dry.
11. Using Urine Off will remove the odour, eliminate or reduce the stain, and provide a better starting point for refinishing or covering with new flooring. In some cases, the flooring will look great without refinishing.

## Glazed Tile, Porcelain and Other Hard Surfaces

Although these surfaces are smooth, they have a certain amount of porosity that allows the uric acid crystals found in urine to accumulate. The grouting can also be quite porous. Follow these steps for hard surfaces:

1. Wipe up fresh urine with a paper towel.
2. Spray surface with Urine Off until saturated. For old stains, use a Urine Finder to locate the affected areas. Repeat application on subsequent days until odour is gone (this may take 3-4 applications)
3. Allow to air dry. Rinse surface with clean water and dry.

## Concrete Floors, Marble and Non-Glazed Tile

Unsealed concrete may appear hard and impermeable but is actually like a hard sponge, with many tiny pores. This means that urine can soak deeply into it - and removing the urine can be very challenging.

1. Do not use any other cleaners or chemicals. If there is carpet adhesive or other residue on the floor, use a scraper to remove it.
2. Make sure the floor is dry and sweep thoroughly to remove any loose debris and dirt.
3. Use a Urine Off Finder to locate all affected areas. Spray the affected surface liberally with Urine Off.
4. Cover with plastic sheeting for 1-2 hours. This slows down the evaporation of Urine Off and allows time for the first application to soak deeply into the concrete.
5. Remove the plastic and blot the floor dry with paper towels.
6. Reapply Urine Off. Allow to dry for 1-2 hours. (In humid climates lacking heat/AC, drying may take longer.)
7. Reapply as needed, with 1-2 hours drying time between applications, until the odour is removed.
8. Use a sponge mop with water to remove the residue from the surface.

## Mini LED Urine Finder

The Mini LED Urine Finder is the ideal tool to locate hard-to-find urine deposits and other bodily fluids. Most urine deposits are invisible to the naked eye until they start collecting soil making them easy to see. Unless you can find and remediate the urine, the odour will be a continuing problem.

This revolutionary Urine Finder was custom engineered by Bio-Pro to easily fluoresce uric acid with its ultraviolet (UV) or 'black' light. This is a type of light wave within a specific frequency that will cause urine and other bodily fluids to fluoresce brightly.

Measuring at 9.5cm x 2.5cm, the Urine Finder takes the guess work out of cleaning and should be used prior to applying Urine Off. Being able to locate urine accurately and treat the affected areas is why Bio-Pro considers the Urine Finder to be 'Black Light Clean Technology'. Requires 3x AAA batteries (not included).



## Important Notes

1. Darken the room as much as possible – the darker the room, the easier it will be to detect the dried urine. Simply turn the light on the suspected areas affected by urine.
2. Prolonged and direct exposure to UV light can be harmful to the eyes. This is generally a concern only for professionals who regularly use the Industrial Urine Finder. The output in the Mini LED Urine Finder is not so bright as to cause harm; however, caution must be exercised by never looking directly into the light.
3. For extra protection, most prescription glasses and safety glasses generally have a UV coating and can be worn during use..
4. Dried urine has a characteristic dull yellow fluorescence or glow helping you to distinguish it from other compounds that may also glow.
5. One way to learn the characteristic colour of dried urine is to take your Urine Finder into the bathroom and illuminate the toilet and surrounding area. Even in the cleanest bathroom, you should be able to see the dried urine crystals that conventional cleaners cannot remove.
6. Another way to distinguish dried urine from other compounds is by the shape and location of the stain. Urine stains are generally found in predictable locations, like corners and at the base of furniture, and will have a shape that resembles a puddle or a stream. If pets are involved, be sure to check the baseboards and walls for traces of urine
7. Some soaps and detergents will leave residue that glows bright white to an almost blue-white and lint can also glow bright white.
8. If urine has already been cleaned up or has seeped down into the carpet then most of the urine has been cleaned off the top layer of fibres and will be difficult to locate with the Urine Finder. In such cases, it may be wise to pull back the carpet in the areas you suspect so you can ensure

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