

# The OdorXit Concentrate Users Manual

## Thank you for purchasing OdorXit®!



This document contains information critical to the effective and efficient use of OdorXit® Concentrate for the permanent elimination of most organic odors.

**Please read this document carefully before use.**

The information presented here will make your use of OdorXit® more successful than your highest expectations.

**Our business depends on you succeeding with  
OdorXit®**

We at OdorXit® have made every effort to make the information in this document as accurate and informative as possible. To that end, we update and revise this document on a regular basis. For the absolutely latest and most complete information on the use of OdorXit®, please visit our web site at <http://www.odorxit.com>.

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## OdorXit Ordering and Pricing

OdorXit is a highly concentrated liquid. When diluted with water, a 16-ounce bottle will make up to 4 gallons of solution appropriate for nearly all applications. A 16-ounce bottle will eliminate the organic odors in 1000 sq ft of wood or concrete floors. It also works on walls, fabric, carpet, and skin. OdorXit concentrate is available in 2 convenient sizes:

- A 16-ounce bottle of OdorXit is \$39.95 plus \$5 shipping and handling. (Makes up to 4 gallons of OdorXit solution at \$11.24 per gallon including the shipping and handling cost).
- A 64-ounce bottle of OdorXit is \$149.95 plus \$10 shipping and handling. (Makes up to 16 gallons of OdorXit solution \$9.99 per gallon including the shipping and handling cost).

OdorXit is 100% guaranteed to perform as advertised on this web site or we will refund all of your money including shipping and handling. We stand behind OdorXit and have helped hundreds of users eliminate some very nasty odors. Do not hesitate to call us with questions or problems. We Can Help!

Call 1-877-ODORXIT for special pricing on larger quantities.

If you reside outside of the United States of America and are concerned about shipping and customs etc., there are a growing number of countries with which we have had experience. Check our web site for the most current information at: [www.odorxit.com/Foreign.htm](http://www.odorxit.com/Foreign.htm)

Ohio residents will be charged 6.0% sales tax.

We accept payment via Visa, MasterCard, Discover, American Express and personal/company checks. Orders received after 1:00 PM EST/EDT will be sent out the next day.



To order online, use our handy Order Form at [www.odorxit.com](http://www.odorxit.com).

Call our toll free help & order line at **1-877-ODORXIT**

Fax orders to 1-513-868-8886

Or

Mail your order to:

OdorXit  
PO Box 24141  
Cincinnati, OH 45224

## Usage

OdorXit diluted with water can be safely applied directly to carpeting, flooring, walls, furniture, bathroom tile, cabinetry, concrete and many other surfaces to eliminate odors. See the Taxidermy section for even more uses. It can also be used in combination with carpet cleaning and laundry detergents (excluding bleach) for one step cleaning and deodorizing of carpet and fabric. Normally, OdorXit solution is sprayed on with either a trigger sprayer or a 1/2 to 2 gallon yard or deck sprayer (See Applying OdorXit). It can also be applied as a solution of OdorXit and water or in combination with detergents in a carpet-cleaning machine for large carpeted areas or with a washing machine for fabrics small enough to fit into the machine. OdorXit is fully compatible with detergents and germicides. It works well at any temperature above freezing. OdorXit eliminates odors that remain and continue to emerge after application of a germicide.

## Safety

OdorXit is exceptionally safe. It is nontoxic, non irritating, non flammable, non carcinogenic, non staining and is biodegradable. When treating urine, gives off no unpleasant and possibly harmful ammonia gas. Conforms to the RIFM and IFRA guidelines. It is not a primary skin irritant, nor toxic by oral ingestion or by inhalation. In concentrated form, may be a minor irritant when in direct contact with the eyes but is non irritating when diluted according to directions. In concentrated form, avoid open flame. If exposed to concentrate, eyes should be flushed with water.

### WARNING:

OdorXit is listed by the U.S. Department of Labor's Material Safety Data Sheet (MSDS) as being a minor eye irritant when in concentrate form and non-irritating when diluted according to directions. OdorXit is a mixture of organic salts and oils that by their very nature have a small but not zero potential to cause allergic reactions in humans and pets. If any unusual reaction occurs, consult a physician immediately. Listening Systems Inc. will make every effort to supply any requested information.

## Chemistry

OdorXit uses no bactericide, enzyme, oxidizer, olfactory desensitizer or masking scents. When OdorXit comes in direct contact with odor causing agents it neutralizes the agent.

OdorXit uses a complex and proprietary mixture of water soluble organic salts and oils to create a unique 3 part contact chemistry:

Counteraction. It pairs with many odors to neutralize the odor.

Absorption. Physically penetrates many odor causing substances and converts them into other byproducts that have no odor.

Bonding. Physically binds to many odor causing substances changing them forever into non odor producing byproducts.

## Concentrate

OdorXit as packaged, is highly concentrated. For most applications, one 16 ounce bottle of OdorXit will make 2 gallons (256 ounces) to 4 gallons (512 ounces) of solution. Refer to the Application notes section of this document for detailed application procedures and equipment.

## Intended Users

Rental property owners and managers, house renovators, professional carpet cleaners, home owners, taxidermists, fishermen and anyone with organic odors to eliminate.

## Application notes for OdorXit Concentrate

OdorXit is the most effective organic odor destroyer available at any price, but if it is not applied properly, even OdorXit will not eliminate your odor problem. This document is intended to help you use OdorXit in a safe, effective and cost-effective way.

First, OdorXit is a "Contact Chemistry" that means it only works when it comes in direct contact with an odor source. Therefore, when using it you must make certain that you use enough to penetrate to the imbedded sources. OdorXit must remain in liquid form long enough to wick into the same places the urine found to hide. This can be under carpet tack strips, between drywall and baseboards, between the joint cracks in hardwood flooring, between toe strip and base boards, between floor boards and wall nailer boards. Your advantage in this process is that you don't have to make OdorXit soak through the carpet and padding first like the offending animal (person) did.

For information on special applications and solutions to extraordinary applications read our Tidbits section on the web often. It is updated on a semi-regular basis when we have new information or approaches to solving really tough problems.

As effective as OdorXit is, it can not and will not eliminate all odors. Check The Odors OdorXit Can't Eliminate for the current list.

If you have additional questions or concerns, please email us your questions at [help@odorxit.com](mailto:help@odorxit.com) or call us on our toll free help line 1-877- OdorXit. Leave a message in mailbox 2 if we are not there. We will return your email or phone call as soon as possible.

**Our business depends on you succeeding with OdorXit.**

## Carpets

On most carpets, what appears to be a surface problem generally involves at least the carpet's nap and backing. Very often the padding and floor under the padding are also involved. When you consider that a 30 pound dog can expel 1/2 cup of urine per incident, and one incident is rarely the case, the amount of diluted OdorXit needed could be 1/2 to 1 gallon for an area 2 feet in diameter. The OdorXit solution must come in direct contact with the odor producing sources in the carpet. To that end, we recommend that a carpet cleaning machine be used to apply OdorXit in combination with the detergent supplied with the machine (2 ounces per gallon). There are two benefits to this method of application, the carpet gets cleaned, and the wetting agent in the detergent helps the OdorXit penetrate deeply into the carpet nap and backing.

Urine contamination of carpet and padding will eventually destroy the backing on a carpet. Regardless of how effective OdorXit is at eliminating organic odors, it will not restore rotted carpet backing to its former condition. I.E., there is a point of no return for contaminated carpet. Heavily contaminated carpet will almost always have to be pulled back and sprayed on the back. Carpet padding is usually made of some type of foam material that is a haven for urine residue. Because padding in all cases is inexpensive and easy to handle, we recommend you cut out the contaminated padding and replace it with new. Spray both the floor as described below and the back of the carpet. When the odor is completely gone, tape the new padding in place and reset the carpet on the tack strips.

Applying OdorXit with a carpet-cleaning machine like a Hoover Steam and Vac carpet cleaner is very effective. These units can be used with or without detergent when applying OdorXit to carpeting though the detergent's wetting agent markedly increases the penetration of OdorXit into the carpet. Use 2 ounces per gallon and use the machine as described in the instructions for cleaning a carpet. The advantage of this method is that a large amount of liquid is applied to the carpet so that all the nap is wetted with solution and the machine retrieves the excess. This method does not wet the padding or underlying flooring enough to eliminate harbored odors .

One additional note regarding urine contamination of a carpet. Urine odor is produced when the urine residue is damp or wet. Since OdorXit solution is mostly water, the urine smell will get worse for a short time when first applied. This is absolutely normal and should be expected. By the same token, just wetting the contaminated area will produce the odor. After the odor appears to be eliminated, wetting the area to test for urine smell can reveal areas that have been missed.

## **Wood Flooring**

An important point that can not be made too strongly is that pet urine spots on carpet have been left to soak in for hours or days, if not weeks. Unfinished flooring under the carpet padding is capable of absorbing an enormous amount of liquid (urine) too. Even finished hardwood flooring has cracks between the boards that harbor a significant amount of liquid and it will wick liquid a long way from the initial spot on the carpet. In both cases, OdorXit solution must be applied so that it has a chance to soak into the unfinished flooring and into the cracks between the boards of plank flooring. We have found that specifying a certain amount of OdorXit to be applied per square foot is not practical, however, specifying the time it takes an application of OdorXit to dry on a the floor is effective. Hardwood floor applications should take 10 to 15 minutes to dry in a room at 60F to 70F, particle board should take 20 to 30 minutes.

OdorXit concentration for this application should be 4 ounces per gallon. The concentration is less important than getting the solution in contact with all of the wet and/or dried urine in the carpet and underlying floor.

One of the more effective ways to spray OdorXit is to use a new 1/2 to 3 gallon tank sprayer with the fan type nozzle. Sears and Lesco sell several really good ones. See Applying OdorXit for more information. Note: DO NOT use a sprayer that has been used for yard chemicals. The smell of these chemicals does not wash out of the sprayer and will contaminate the carpet with smells OdorXit can not eliminate.

## Feces Odors

Removing pet feces from flooring and carpeting is much easier than urine because it is not a liquid and it does not produce the urea salts. Removing the bulk of the material and washing the area with detergent will remove most of the odor and stain. If the stain is not completely removed with normal detergent, a more aggressive approach is indicated. As an example, carpet cleaners will remove the rest of the stain with a little scrubbing. Finally, spray the area thoroughly with OdorXit Concentrate mixed 1 ounce per quart (32 ounces) of water and allow the area to dry naturally. In an hour or so, the smell will be removed forever.

If you are dealing with an overflowed toilet, the problem is a bit more difficult because of the large amount of water added to the urine and feces. If the problem occurred in rental property, it is likely that hours or days have passed since the overflow occurred. After the plumbing is cleared, and the bulk of the overflow has been mopped up, spray the area thoroughly with OdorXit Concentrate mixed 1 ounce per quart of water and allow the area to dry naturally. Be sure that areas that are hard to clean, like cracks in the tile, the area under the vanity and heating vents in the floor, get thoroughly wetted with OdorXit solution.

## Bathrooms

Using OdorXit to eliminate urine, mold and mildew odors in bathrooms is a common and effective application. The question is, where to use it and how strong should the solution be? It depends on what the area around the toilet is made of and covered with.

If the area around the toilet is all ceramic tile, wash the area with spray cleaner and spray with OdorXit solution. Make sure that all the grout is wetted, as well as the tile and the toilet. Make sure you get the area under the tank. If the walls are covered with wallpaper, the problem will be a bit more difficult. The paste that holds the wallpaper on the wall is water-soluble. This means that the water in the diluted OdorXit will tend to cause the glue holding the wallpaper to release. Replacing the wallpaper may be necessary in some cases simply because the urine has soaked through the paper into the wallboard. If this is the case, remove the wallpaper and residual paste, then spray the wallboard with OdorXit to eradicate the odor source in the wall and allow it to dry completely. Replace the wallpaper with a water-resistant variety, if possible.

If the wall covering is Marilite (plastic coated masonite), make sure the seams and any breaks or cracks in the surface are flooded with diluted OdorXit. If the floor is carpeted, refer to the Carpets section.

OdorXit concentration for this application should be 2 to 4 ounces per gallon.

## Basements

Basements are great places for odors to hide and grow. Mold, mildew, dead animals, dirty clothing, washing machine run over, and leaky walls all add to the nasty smells found in basement and cellar areas. OdorXit will eliminate these and other odors on concrete walls and floors as well as on wooden rafters. OdorXit concentration for this application should be 2-4 ounces per gallon.

If there is urine contaminated carpet glued to a concrete floor either in a basement or a living area, it is almost always necessary to remove the carpet, rubber backing and the glue to

permanently eliminate the odor. It seems that multiple applications of urine will slowly penetrate the concrete, rubber backing and glue combination of the carpet. A single application of OdorXit will penetrate about the same as one application of urine. This clearly is not sufficient to have OdorXit come in contact with all the urine soaked into the rubber backing, glue and concrete. There are carpet glue release and removal compounds available to make this nasty job a bit easier, but it is still going to be a nasty job.

Mold and mildew are living organisms that live and grow wherever there is water and no sunlight. To permanently remove mold and mildew odors, one must get rid of the source. This always involves depriving the affected area of water. The hard part is to determine the source of the water. Once found, it must be eliminated by giving the water another place to go or sealing the area that is damp. Sealing is by far the poorest choice because (as an example) sealing the inside of a block foundation wall can cause the wall to cave in when there is sufficient water standing against the outside of the wall. Installing drain pipes outside the wall or re-grading the soil is most effective. The last choice is to drain the water into a sump pit or floor drain.

All basement water problems should be evaluated by a professional to avoid costly mistakes.

## **Mold and Mildew**

Removing mold and mildew odors from walls and other surfaces with OdorXit involves simply spraying a fine mist on the contaminated areas with a 1 ounce per quart (32 ounces) solution of OdorXit and water. When spraying painted walls, care should be taken to avoid runs that can cause discoloration. The discoloration is not from the OdorXit, but rather from accumulated dust and dirt on the wall.

## **Removing Odors from Skin**

Eliminating fish, blood, meat and other organic odors from skin is a simple and safe procedure. Wash the affected skin with warm water and mild hand soap, rinse, dry and spray with OdorXit solution mixed 1 ounce per quart (32 ounces). Rub the OdorXit lightly until dry. The odor will be gone and the OdorXit odor can be washed off if you are so inclined.

## **Machine Washable Fabric & Clothing**

Removing organic odors including urine, vomit, spoiled food, mold and mildew odor from machine washable fabric requires adding 1 or 2 ounces of OdorXit to the washing machine at the beginning of the wash cycle. Allow the wash cycle to complete but delay the first spin cycle for 30 to 60 minutes (This can easily be accomplished with most top loading washers by leaving the door open). After the wash/soak time, close the lid and let the machine finish its normal cycles. In some cases, it may be necessary to run the final rinse twice.

## **Furniture with Fabric Upholstery**

Organic odors in furniture upholstery can be a bit more difficult because much of the fabric used on furniture is not colorfast. Before you attempt a furniture recovery project, test OdorXit on the back of the piece to see what happens. A nice piece of furniture with watermarks and no smell is not acceptable either.

If the furniture fabric is colorfast, remove the bulk of surface material. Wash the stain with a combination of water, mild upholstery cleaner and **OdorXit** (Mix 1 ounce of OdorXit with each quart of upholstery solution). If you have a wand vacuum cleaner attachment, vacuum the area

to extract the residual cleaner, water and contaminant. Then spray on another application of just **OdorXit** mixed 1 ounce per quart (32 ounces) of water and allow it to dry.

If the contamination has soaked deeply into the padding it will be necessary to treat the padding as a separate item. Sometimes this can be accomplished without removing the upholstery cover, but in many cases, removing the cushion cover will be a better choice because the volume of OdorXit needed to get to all the contamination will be much larger than is needed for just the covering.. In this case and especially with foam padding, you may find that it is cheaper and easier to replace the padding.

## **Leather & Leather Furniture Upholstery**

Organic odors in leather products of all kinds are a challenge for a number of reasons. Not the least of which is the thickness of the leather. In the case of urine contamination, leather can harbor a large amount of urine residue that translates to normal cleaning methods do not work. Because OdorXit is a contact chemistry product and is intended to neutralize the urine residue rather than remove it, OdorXit is uniquely qualified to work on contaminated leather.

There is one issue regarding treating contaminated leather that must not be ignored. Simply getting it wet can radically alter the texture and flexibility of leather. Treating it with detergent, urine, other odor control products and even OdorXit, can do the same. We at OdorXit have gotten feedback from customers and taxidermists who have treated hide rugs successfully with OdorXit. This is a long way from treating glove leather.

What we have found that works best is to have the leather cleaned professionally to remove the bulk of urine, and whatever else you have applied to the contaminated area. Do not have the leather treated with softeners at this point. Spray the area front and back (if you can get to the back) with OdorXit mixed 1 ounce per quart (32 ounces) of water, and let it dry slowly. You may have to treat the area more than once over a period of several days to neutralize the urine residue. When you think the odor is gone, spray the area with water and sniff. When the odor is completely removed, the water will generate no odor at all.

With the odor removed, treat or have the area treated with leather softener to restore the original texture and flexibility.

There are products that you can put on leather that will permanently alter the texture, flexibility and finish of leather. OdorXit is not one of them.

## **Pet Spray**

Both male and female cats and dogs will "mark" walls, floors, furniture and clothing with their scenting sprays. This is a means of marking their territory against trespass by other animals or simply establishing their dominance over other animals in the house or apartment. Hormonal spray is not urine even though it is ejected from the same area of the animal. It has a very heavy musk odor which is very different and often much stronger than urine. Hormonal spray areas are often difficult to find for several reasons. First, the effected areas are usually very small, consisting of what looks like a slightly yellow stain running down the wall and behind the shoe strip. Second, effected areas on furniture and carpet are much harder to see because the stain is not easy to see.

If the affected area can not be visually spotted, the most effective way to find the area is to completely air out the room and sniff around until you find the specific area(s) that needs

treatment. Another method that is sometimes effective requires a darkened room (preferably at night) and a 12 or 18 inch black florescent light (long wave UV only). Illuminate the walls and floor at close range. The effected areas will sometimes, but not always light up yellow or light green depending on the presence of florescent material in the animals food and scent spray.

Preparing the affected area before applying OdorXit is **very** important to successfully eliminating the odor. Washing the area with a good spray on cleaner and using a dish scrubber or brush then rinsing with water will remove most of the surface material, but will not remove the part that has soaked into the wallboard, paneling or grout. Because scent spray odors are so much stronger than normal odors, one application of cleaner and OdorXit may not completely eliminate the odor. The saving grace is that scent markings are usually small. Therefore, large quantities of even high concentration OdorXit are not normally necessary. Again, OdorXit must be allowed to soak into the affected area for it to work. If the spray is on the wall, apply OdorXit to the entire area, wetting the wall, the baseboard, and the area of the floor adjacent to the wall (spray splashes). If the spray is on a piece of furniture or carpet, have the area professionally cleaned before applying OdorXit. If the cleaning person will cooperate, add an ounce of OdorXit to his cleaning solution. It really helps!

OdorXit should be mixed 1 or 2 ounces per quart (32 ounces) of water for this application starting with the weaker solution.

## **Treating Kennel and Cattery Odors**

Kennels and Catteries, even when cleaned and disinfected on a frequent and regular basis, are subject to odors that do not respond well to over the counter odor control products. Even industrial strength odor control products often have difficulty with urine odors and frequently contain chemicals that are dangerous to both pets and humans.

As you already know, bleach does not get rid of urine odors. Even the strongest and cheapest detergent "TSP" does not get rid of the entire urine odor.

We at OdorXit would like to offer a solution that is both safe and effective. Instead of trying to digest the odor causing urine byproducts, OdorXit neutralizes these materials rendering them incapable of producing the ammonia and mercaptan gasses that are so objectionable.

### **Concrete Floor Kennels**

When treating bare concrete contaminated with urine and feces washing the area with nearly any detergent and rinsing with water. Then spray the area with OdorXit diluted 1 ounce of OdorXit to 32 ounces of water.

In cases where the contamination has soaked deeply into the concrete, we have found that adding 1 or 2 ounce of Hoover or Sears carpet cleaning shampoo (those that contain surfactants) for each ounce of OdorXit concentrate in solution increases the penetration ability of the solution.

When using any product containing surfactants of any kind, be careful not to get them on your skin as they are capable of soaking right through your skin. That's why they are mentioned prominently on the warning labels. Finally, when using carpet shampoo with OdorXit, make up only what you can use immediately because the shampoo will slowly disable the OdorXit. Additionally, dogs and cats should not be exposed the surfactants either. If you do use products

containing surfactants to get the odors under control be sure to wash and flush the area after the odors have been eliminated to get rid of the residuals.

## **Cattery Cages**

Cattery cages, show cages and play pens are areas that often suffer from strong odors including urine, feces, vomit, hair-balls and hormonal spray. By far, male hormonal spray is the most pungent and difficult to eliminate. OdorXit is fully capable of eliminating all of these odors, generally with only one application of OdorXit diluted 1 ounce to 32 ounces of water.

Spraying the bottom of litter pans before adding litter will eliminate the existing urine odor and prevent new odor from developing for days.

It is prudent to not let pets, especially small breeds and the very young, lay in cleaning, disinfectant and odor elimination products of any kind. Even though the warning classification for OdorXit is extremely mild compared to cleaning and disinfectant products commonly used in kennels and catteries, do not let pets lay in OdorXit solution and most certainly not lay in solution containing surfactants.

## **Floods and Sewer Backups**

Floods and Sewer Backups, aside from being a health hazard, often leave a large amount of odor causing material behind. These odor-causing agents soak into walls and drywall, wood, and even concrete. Since the odor causing agents almost always contain human or animal waste products, OdorXit is uniquely suited to eliminate the odors. The difficulty in dealing with these problems compared to simple basement mold and mildew, is that the contamination is everywhere the water was, and the amount of contamination left behind can be massive.

The first step is to remove as much of the contamination (sludge) as possible by whatever means is available as soon as possible to prevent it from drying on surfaces. Electric or gas driven pumps will remove the gross amount of water, or just wait for the water to go back down the drain, but this will not remove the sludge without intervention. Intervention includes hosing down the entire area while the area is draining and wet. If at all possible, do not let the sludge dry. Once sludge dries, it is like cement and very hard to remove. Additionally, the sludge contains massive amounts of odor causing material and though OdorXit will eliminate these odors, it is much more effective and cheaper to wash as much away as possible before applying OdorXit.

Second, as soon as the water and sludge has been removed and before the area has dried, hose and/or scrub the affected area with low suds detergent. Rinse and sweep or squeegee the area nearly dry.

Third, spray the entire effected area with a low concentration batch of OdorXit. Two ounces of OdorXit per gallon of water should be sufficient for the first application. Don't forget the inside of the furnace, the bottom of the steps and shelves...everywhere!

After the affected area has dried and aired out for several hours, check the area for odors and treat any persistent areas with the normal concentration of OdorXit mixed 1 ounce per quart (32 ounces) of water.

## **Garbage and Spoiled Food**

Garbage, spoiled food and rotting meat odors can all be eliminated with OdorXit. The Odor inside a turned off refrigerator or under a sink or counter where food has been allowed to spoil can be treated easily. First remove the bulk of the spoiled food by sweeping and/or washing the area with detergent and water. Then spraying thoroughly with the normal concentration of OdorXit mixed 1 ounce per quart (32 ounces) of water.

Refrigerators need to be thoroughly cleaned before spraying with OdorXit. Even the freezer should be completely defrosted, washed and sprayed inside and out. Seams on the interior and gaskets are both areas that need special attention while washing and spraying because they both are areas where spilled foods hide, decompose and produce bad odors. An hour spent cleaning and spraying OdorXit on a really smelly refrigerator can restore a \$300 unit to service instead of replacing it with another.

Spraying the inside of a garbage can will reduce but often will not eliminate the odor unless the can has been rinsed out prior to spraying because the small chunks of material left in the can do not get soaked with OdorXit. As the material continues to decompose, additional odor is produced.

The odor of sour milk in fabric like car seats or carpeting can be eliminated by washing the affected surface area with detergent and water, and then soaking the fabric and padding with low concentration OdorXit (1 or 2 ounces of OdorXit in 1 gallon of water). In the case of foam padded seats, several treatments from both top and bottom may be necessary. This is because the foam has a tendency to hide material in nearly inaccessible areas. Unless you really soak the foam, the odor often will return (though substantially reduced) when the car is left in the sun for several hours with the windows closed.

## **Refrigerator Odors**

Refrigerators that have been turned off and left closed have a truly unique odor that is normally very difficult to eliminate. However, with a little work and OdorXit you can recover even the worst smelling refrigerator. You may want to take the unit outside to do this first step so that you can use a garden hose to rinse out the really bad stuff. Completely defrost the unit. Remove the spoiled food by scrubbing the entire interior of the refrigerator with detergent and hot water. If the freezer is not built into the walls of the unit, use a long thin brush to get between the freezer and the wall. Rinse completely and wipe dry.

Spray the entire interior of the refrigerator with OdorXit mixed 1 ounce per quart (32 ounces) of water. The freezer should also be sprayed inside and out. Seams on the interior and gaskets are both areas that need special attention while washing and spraying because they both are areas where spilled foods hide, decompose and produce bad odors.

Next, in the back of many refrigerators, there is either a hole in the interior where 2 tubes emerge from the insulation or there is a small passage that connects the freezer section to the refrigerator section of the unit. Spray this area thoroughly because it is so difficult to wash! If your freezer has large vents along the bottom in the front you may need to remove the plastic floor of the freezer in order to clean the food and goop from the cooling coils that hide within.

Finally, close the doors when you are finished spraying the entire interior of the refrigerator. The next day, briefly air out your refrigerator to purge the residual OdorXit smell and your refrigerator will be ready for use without the nasty smell!

An hour spent cleaning and spraying OdorXit on a really smelly refrigerator can restore a \$300 unit to service instead of replacing it with another.

## Vomit Odors

Removing vomit odors requires a 2 step process. The first step is to remove the bulk of the vomit material and thoroughly wash the area with a detergent that is appropriate for the material contaminated. Be diligent in removing as much of the dissolved vomit and detergent/water solution as possible (a Wet/Dry vacuum works great). Remember that vomit contains a significant amount of stomach acid, which will destroy many materials if left to do its damage. If the source is a small pet, the cleaning step can be as easy as blotting up the vomit with a paper towel, for larger animals and humans, the cleaning step must be more aggressive.

The second step is to completely wet the area with OdorXit mixed 1 ounce per 32 ounces of water and leave it to dry (slowly). OdorXit alters the remaining odor causing compounds so that they will not produce odors.

Auto carpet is often more difficult because it is thin and has a thick absorbent padding (sound deadening material). Additionally, cars are exposed to very high temperatures when left in the sun. The high temperatures will make what would have been a small problem in a house carpet, much larger in a car. However, the solution is the same though it may be necessary to remove both the carpet and padding from the car to wash and rinse it completely. Rinsing with a garden hose and nozzle is very effective. After thoroughly rinsing, allow both the carpet and padding to dry. Apply (by spraying or pouring) diluted OdorXit mixed 1 ounce per quart (32 ounces) of water on the affected areas (the ones that still smell bad) and allow to dry slowly (not in the sun). When the OdorXit is dry, the odor will normally be gone forever. If it is not, which is occasionally the case for vomit that has been left for several days, apply a second dose of OdorXit solution. More than two applications is almost never required.

## Tidbits of Information

This section of the OdorXit web site is dedicated to making application information available that is not easily categorized onto any other section of the site. If you have experiences with OdorXit that you would like to share with others on the web, this is where it will show up. Check this page often for new information.

**Using OdorXit with carpet shampoo:** Mixing some carpet shampoos like Sears and Hoover (those that contain surfactants) with OdorXit will improve the penetration of OdorXit into porous material like wood, concrete and other building materials by a significant margin. Adding 2 or 3 ounces per gallon is usually quite enough to get the desired results, BUT... you need to use all of the mixture within a few hours. It appears that the carpet shampoos will slowly break down OdorXit and make it ineffective.

**Treating extreme contamination:** We at OdorXit, through our help-line and on our own rental properties, have come across situations of contamination that were so bad that extreme measures had to be employed. In a recent case, a room with only pine tongue and grove boards

for flooring was severely contaminated with cat urine over many years. Washing the flooring with TSP several times did not stop the urine salts from appearing on the surface after the boards dried. Further, applying several doses of OdorXit did reduce, but did not eliminate, the odor in the room. Taking the step-by-step method of solving a problem, the owner removed several of the boards that were stained the worst only to find that the rafters and ceiling below were also badly contaminated by urine that ran between the boards. In a case like this, it is clear that saving the flooring boards is probably not a cost effective solution, but saving the rafters and ceiling material and replacing some or all of the contaminated flooring would clearly be cost effective and necessary.

Another example of extreme contamination involved one of our apartments. In this particular case the carpeting and padding was old and not worth saving for other reasons. The apartment had been vacant for repairs for nearly 2 months before we removed the carpeting in question. The back of the carpet in some heavily contaminated areas was still wet with urine! The padding was unusual in that it was foam padding with a plastic membrane with small breather holes on the carpet side. It appears that this plastic trapped most but not all of the urine between the top of the padding and the back of the carpet. We could have dumped a quart of OdorXit solution directly on the area and not gotten all the smell out. Additionally, the carpet backing in these wet areas was so weak that when it was removed the backing split easily. The flooring under the wet areas was treated with OdorXit. The next day, the urine smell was gone.

## **Odors OdorXit Concentrate Cannot Eliminate**

Though OdorXit is the most effective organic odor eliminator ever formulated and it can and does eliminate many organic odors, there are odors that even OdorXit can not and will not eliminate. They include:

- Tobacco smoke odors
- Fire and smoke odors
- Wet dog smell
- Inorganic odors like gasoline and heating oil

As we/you find other odors that OdorXit does not eliminate, they will be added to the list.

## **Applying OdorXit**

Using the proper applicator is an important part of getting the best results from OdorXit. For very small areas (one time pet accident), a trigger pump sprayer is acceptable. Larger areas you should consider a garden type tank sprayer.

### **Warning!**

Do Not use tank sprayers that have been used for yard or bug poison chemicals.  
Buy a new one.

**Sears** has several that we have used and liked. Plastic pump sprayer numbers 07101511, 07101518, and stainless steel sprayer number 07101516 are all very good.

All of the above mentioned sprayers are equipped with a variable flow cone spray nozzle. This should be replaced with one of the 3 fan type nozzles in the "5 Piece Nozzle Kit" package

number 07101625. The yellow one has the highest flow rate at .50 GPM, the blue is .38 GPM and the red is the lowest at .24 GPM.

**LESCO** has a wide variety of very high quality tank sprayers available nationally. They have a toll free number (800-321-5325) for locating the nearest LESCO store to your location..

In many areas of the United States there are LESCO stores that cater to the lawn care industry. As a result they have a full line of tank sprayers of superior quality ranging for 1/2 gallon to large back pack sprayers. The 1/2 gallon unit is less than \$20 and is very effective for the application of OdorXit. It too is supplied with a conical spray tip, but it can be easily replaced with a brass fan spray nozzle generally available at LESCO. The Sears Nozzle Assortment package number 07101625 will also fit on the half gallon LESCO sprayer (with a little determination, the sprayer has straight thread, and the nozzle has a tapered pipe thread), the advantage being the Sears unit has a removable/cleanable filter. LESCO's web site is <http://www.lesco.com/>.

### **Spraying Systems Co.**

Finally a company named Spraying Systems Co. PO BOX 7900, North Avenue at Schmalz Rd., Wheaton, Il 60189-7900 USA. Phone 1-630-665-5000 produces a line of spray products for farm applications that can be adapted to many, but not all, spray wands available today on tank sprayers (the unit has 1/4" NPT that is smaller in diameter than the Sears uses). Their product line is called TEEJET and is available at most farm implement store for crop spraying. The advantage with using these products is the wide variety of flow rates, spray patterns and filters available.

This might seem to be a bit of over kill for getting rid of urine, or mold & mildew odors, but it is actually not. Particularly with mold and mildew, the walls and ceilings are involved as well as the carpet, flooring and furniture. Spraying the walls and ceiling with a high flow nozzle will result in runs and streaks caused by too much liquid having been applied. The low and very low flow rate nozzles, (less than .1 gallon per minute) aside from spraying a smaller amount of material per minute, also cause the spray to be much finer (the droplets are very much smaller). With the addition of carpet cleaning shampoo (2 or 3 ounces per gallon) to the mixture of water and OdorXit, these smaller droplets can and do completely cover an area without causing runs and drips, avoiding lasting stains on the walls. The higher flow rate nozzles are required for treating walls of concrete, concrete blocks, and most wood flooring. Spraying carpets with a sprayer, except for superficial contamination, is not nearly as effective as using a carpet cleaning machine.

If OdorXit does not come in direct contact with all of the odor causing material, the odor will not go away.

For deep and heavy pile or Berber carpet with deep stains, we recommend that you use a carpet-cleaning machine. We have used the Hoover Steam & Vac home unit and it works very well, but it costs well over \$200. We have not used the new Dirt Devil carpet cleaner, but it seems to have the right stuff too. Renting one is a good alternative. The carpet cleaners spray a lot of warm to hot solution of carpet shampoo and OdorXit onto (into) the carpet and then retrieve the excess solution and dirt from the carpet. This is just what is needed for carpet contamination that has not gotten completely out of hand and not ruined the carpet. The Hoover and Sears

carpet cleaning shampoos in combination with the cleaning machines agitator helps the OdorXit to penetrate more deeply into the carpet than it would on its own.

Do not expect one of these household type carpet cleaners to restore badly soiled carpet to new condition. They are not capable of doing the job that the professional machines can do, but home units are excellent for applying OdorXit and getting the majority of the dirt. If the carpet is odor free and still not clean enough, call in the pros and have it cleaned again. The second cleaning will not effect the action of the OdorXit, after 24 hours, because it has already done all that its going to do to the carpet.

If the carpet seems to be odor free but the urine odor persists, the odor is probably coming from the padding and/or flooring under the carpet. See the Carpets and Flooring section for additional information.

One last note: after cleaning your carpets, all or most of the dirt repellent has been removed. This will cause your carpet to get dirty much faster than before. Re-applying Scotchgard will restore the dirt repellent action to nearly new levels.

**NOTE:** In all cases, it is very important that some OdorXit solution come in direct contact with all of the odor causing agents. If the OdorXit solution dries before it soaks into all the contaminated area, the odor will not be completely eliminated.

## Residential Testimonials

Do you recognize this face? It belongs to Mr. Don Beck from Philadelphia's DIG (Diversified Investors Group). He is a nationally recognized real estate speaker and OdorXit user. This is what he said about OdorXit: "While cleaning up a vacant apartment, I discovered the tenants had kept their dog closed up in one room while they were gone. Two corners smelled the worst! I sprayed OdorXit on the whole carpet. I came back 2 days later. The smell was better but not completely gone. I vacuumed, and sprayed OdorXit one more time. The next time I came back, the odor was completely gone. It was easy and inexpensive and I was able to re-rent the apartment right away." Don Beck, Landlording Expert. 1999

"To Whom It May Concern; We heartily endorse the use of OdorXit over any similar product. We have tried several different brands in the past with mixed results. OdorXit performs its magic with odors and then goes away. OdorXit is ideal for rental homes because it can handle different odors and it does not become part of the problem. Several brands may deal with odors but then leave behind an aroma that is almost as unpleasant as the original odor you were dealing with in the first place. Anything that does not leave a clean or no smell is not what works in rental homes. People associate odors with problems and with OdorXit, there is no problem. Louis D. Brown, Trust Associates (Nationally known Real Estate Investment Speaker)

"I just wanted to take this opportunity to Thank You for introducing me to this great product. I had a sick cat that somehow made its way into my completely renovated home on 62 Foster St., Meriden. The cat sprayed its urine all over the living room. My cleaning crew tried everything to remove the smell from the house. Nothing worked until I had them try your OdorXit

Concentrate. The smell was eliminated immediately and the buyer was willing to continue with the transaction. I truly believe that the deal would not have closed if I would not have been able to rid the home of that horrible cat urine smell. Sincerely, Robyn Thompson , Home Buyers LLC" and nationally know investment and rehab speaker. July,2001

"We traced the smell to being under the kitchen sink where a drain trap had been leaking. It was decided that the cupboard base had to be removed to find the source of the smell. Under the cupboard base in the 4" space between that and the kitchen floor, rats had taken up residence. The nest and the other 'smelly residue' was removed and OdorXit was used on the wooden floor underneath. After several applications the 'stench' was removed."..."The bathroom took a little more work. The smell of urine around the toilet was overwhelming...we used OdorXit to remove the smell." Donna Bradley, Margraf Properties, Tiffin, Ohio. Active member of Tiffin Area REIA. Nov, 2000

January, 2001, I wanted to send this note to tell you that OdorXit is wonderful. I manage two, apartment buildings for single, formerly homeless folks. Unfortunately this group is not the most attentive to detail with home cleaning and maintenance.

Our primary use of OdorXit is to clean refrigerators. We have had dozens of refrigerators that had to be thrown out before I found OdorXit. We have had units which had been turned off and had rotted meat and eggs in them. OdorXit took the odor out, saving me \$400 per unit. We have also used OdorXit to neutralize urine in the floor tiles around toilets and to neutralize and clean up body fluids when a tenant expired and was not found for several days. Please feel free to use this letter and to use me as a reference. I heard about OdorXit when I was in Pennsylvania at a Real Estate training course and have passed the word along to others. Let's not keep a great thing a secret! Sincerely, Lois Ann Russell, Senior Property Manager New Haven CT.



## **OdorXit Concentrate for Taxidermy**

OdorXit is a very special mixture of water-soluble organic salts and oils that are designed to eliminate organic odors found in taxidermy at their source, forever. To do this, OdorXit mixed with water, must come in direct contact with the material that is causing the odor. This might be the oil excreted from scent glands, or the oil encountered when skinning-out a fish, or any number of other sources. The way OdorXit does its job is not as important as the fact that it really does its job well!

Because OdorXit is only water-soluble organic salts and oils, it is safe to use on any hide and does not require rinsing or special treatment after use. Because there is no perfume or covering scent there will be no lingering odor of any kind.

### **Eliminating Odors on Your Hands**

OdorXit is so safe you can use it to eliminate odors you get on your hands while doing your normal taxidermy activities.

After you wash your hand and arms, spray a little OdorXit solution mixed 1 ounce per quart (32 ounces) of water on your hands and rub it in and let it dry. In 10 to 20 minutes the odors will be gone and only a faint smell of OdorXit will be left. Washing your hands again will remove the OdorXit smell.

### **Eliminating Odors in Un-Mounted Hides**

When you soak a hide in preparation for mounting add some OdorXit to the water, (2 to 4 ounces per gallon of water) and let it work. When you are ready to mount the hide, the odor will be gone, and in a few hours, the OdorXit smell will be gone too.

### **Eliminating Odors in Mounted Hides**

Hides that are already mounted can be sprayed with OdorXit solution to eliminate odors. Mix OdorXit 2 ounces per quart of water and spray it on the hide, hair and horns to wet the area that has the problem. Brush it into the hair and hide and let it dry slowly (do not use a fan).

Depending on the animal and the amount of odor, you may have to treat the mount more than once to eliminate the entire odor. When the odor is deep in the hide, it takes a step by step approach with progressive levels of aggressive treatment to eliminate the odor. OdorXit must come in contact with the odor causing agent in the hide to make it stop stinking. Repeated superficial treatments will not solve this problem.

OdorXit eliminates most glandular secretion odors. There are a few that do not respond and as they become apparent, we will publish the list so that you don't waste your time and OdorXit on these problems.

## **Eliminating Pet Urine Odors in Hide Rugs**

OdorXit was originally formulated to eliminate pet odors in carpeting, flooring and other places where dogs and cats urinate. Eliminating these odors in a Bear Rug is much the same as the procedure required for any other odor in a hide.

The affected area must be thoroughly wetted with OdorXit solution and left to work for several hours. Because urine has a tendency to soak deeply into porous materials, wetting both sides of the hide will improve the penetration and reduce the amount of OdorXit required to do the job.

One additional note regarding urine contamination of a hide. Urine odor is produced when the urine residue is damp or wet. Since OdorXit solution is mostly water, the urine smell will get worse for a short time when first applied. This is absolutely normal and should be expected. By the same token just wetting the contaminated area will produce the odor. After you have completed your treatment of urine contaminated hide with OdorXit and the odor appears to be completely eliminated, it is a good idea to spray a little water on the contaminated area to test for more odors. Its better that you find it before you return the hide to the owner than after.

Finally, you may want to offer some OdorXit to the customer to treat the flooring where the hide was laying when it was contaminated. Urine residue just does not go away by itself.

## **Eliminating Odors in Cloths**

Removing taxidermy odors from machine washable fabric can be accomplished by adding 1 to 2 ounce of OdorXit to the wash water and detergent at the beginning of the wash cycle. Allow the wash cycle to complete, but delay the first spin cycle for 30 to 60 minutes (This can easily be done on top loading washers by leaving the door open). After the wash/soak time, close the lid and let the machine finish its normal cycles. In some cases, it may be necessary to run the final rinse cycle again.

## **Taxidermy Testimonials**

"Nothing could get the smell out of fish! I was pulling my hair out...and when it's your last one that's serious! Then I found OdorXit. I'm telling you for a fact - IT WORKS! Absolutely hands down it works.

Jim Edgers of Authentic Supplies, Memphis, Tennessee 1-800-264-1801

"Nothing is worse than a noxious odor, right? Well, imagine spending thousands of dollars on a hunt, not to mention the hundreds to your taxidermist, all to have a trophy you can't display in your home because it reeks. As a Taxidermist, I see this happen all the time when my customers acquire certain animals that even tanning cannot squelch their odor. Until now, there was nothing I could do except breathe a sigh of relief that the animal was not mine and therefore would not be stinking-up my house!"

"Now, I have a new service I can provide to my customers. With the use of Odor X-it, I can enable these hunters to finally display those closeted trophies! After two applications of Odor X-it, you cannot even smell a trace of the odor that put that animal in exile. Odor X-it is now a must on my supply list and I can gladly say that I provide a service to my customers that my competitors do not! Instead of cringing when I get a stinky animal in my shop, I can just add an extra neutralizing charge and say Happy Hunting to my customers!"

--Yukon Grubaugh / Tall Tales Taxidermy, Anchorage, Alaska  
-- Phone 907-338-5153 --