

# Odourzyme

## All-Breeds Animal Urine Digester

### Product Description:

GREENPRO ODOURZYME Urine Digester has been developed with a concentrated Bio-Enzymatic formula containing selected strains of natural bacillus bacteria, enzyme cultures, an odour neutraliser and penetrating wetting agents.

The unique enzymatic activity of GREENPRO ODOURZYME Urine Digester allows for quick penetration, digestion, and removal of the toughest urine stains and soils.

### Application:

Pet owners can become frustrated dealing with the smell and damage caused by urine; GREENPRO ODOURZYME can help pet owners save money and be more patient in dealing with these issues. Replacing furnishings, flooring and property damaged by urine can be costly. GREENPRO ODOURZYME eliminates this, potentially saving hundreds or thousands of dollars. Veterinary strength GREENPRO ODOURZYME is formulated to destroy urine, permanently removing urine from all hard and soft surfaces. GREENPRO ODOURZYME uses a combination of naturally occurring micro-organisms and their enzymes to digest the uric acid crystals (which produce urine's pungent aroma) as well as urea (the sticky substance in urine) and proteins (which promote pathogen growth).

In the case of pets, the problem is compounded because of their territory-marking behaviour and their very acute sense of smell. Even when the urine odour has been rendered imperceptible to humans, animals detect it and are compelled to re-apply their own scent! So once an animal has "gone" in one spot, they frequently return to it again and again, no matter what we do.

But now... there is GREENPRO ODOURZYME. The enzymes in GREENPRO ODOURZYME are specifically developed to work in combination with our specially adapted microorganisms (bacteria) that actually "eat" the uric acid crystals, in addition to removing the other components of urine. Effectively removing these crystals is what distinguishes GREENPRO ODOURZYME from the rest of the urine removal products we've tested.

With the source of the odour AND the stain removed, the problem is solved. GREENPRO ODOURZYME has a pleasant fragrance and even that disappears when the product dries.

GREENPRO ODOURZYME Urine Digester does not contain any hazardous chemicals nor any undesirable pathogens such as salmonella or pseudomonas. The all natural multi-strain bacteria & enzymes are able to break down and digest tough urine problems and stains.

# Technical Bulletin

## GreenPro

environmentally responsible solutions



Solutions, Chemistry, Service

### DO NOT MIX WITH OTHER CHEMICALS!

Some individuals may be sensitive to product ingredients. Read product label and SDS before use.

#### Carpeting: Urine odours & Urine residuals

- Spray an undiluted or 1:4 dilution onto the carpet where the urine stain or odour is showing.
- Agitate the carpet fibres with a light bristle brush.
- Treat as often as necessary to overcome the urine odour. Two to three applications can be required, depending on the level of urine staining & uric acid build up.

#### Timber Flooring : Urine odours & Urine residuals

Urine stains in hardwood flooring are some of the toughest stains to remove, especially if repeated soiling has turned the area black. The black staining indicates that there is a heavy build-up of dried uric salt crystals, and also that actual wood damage has taken place, as the acidic urine has burned the tannins in the wood. GREENPRO ODOURZYME can remove the urine odour entirely, and can also remove the build-up of dried uric salt crystals with repeated application. The damage to the wood tannins cannot be reversed, however. This means that after the black stains are removed with GREENPRO ODOURZYME, the wood may remain a stained grey to black consistency, which represents the permanent burning caused by the uric acid. If the degree of the discoloration is unacceptable, then refinishing will be necessary. In many cases, sanding can remove the damaged wood to a level that is acceptable

- Spray or spread an undiluted or 1:4 dilution onto the timber area where the urine stain or odour is showing.
- Apply a plastic sheet over the stained area for 30min to reduce evaporation. Remove the plastic sheet & mop up the area. Re-apply the GREENPRO ODOURZYME solution & again after 30min, mop up the area.
- Treat as often as necessary to overcome the urine odour. Two to three applications can be required, depending on the level of urine staining & uric acid build

#### Concrete Floors, Marble & Un-Glazed Tile: Urine odours & Urine residuals

Unsealed concrete may appear hard and impermeable, but it is actually like a hard sponge, with many tiny pores. This means that urine can soak deeply into it – and that removing the urine can be challenging. Carefully follow the steps below for best results.

Do not use any other cleaners or chemicals! Make sure the floor is dry. If there is carpet adhesive or other residue on the floor, use a scraper to remove it. Sweep thoroughly to remove all loose debris and dirt. Dispose of all loose material in the garbage. Spray the affected surface liberally with undiluted or 1:4 dilution of GREENPRO ODOURZYME. Cover with plastic sheeting for 1 to 2 hours. This slows the evaporation of GREENPRO ODOURZYME and allows time for the first application to soak deeply into the concrete etc. Note that as the first application of GREENPRO ODOURZYME goes to work, the urine odour may actually intensify at first. This is normal with old or heavy urine deposits, and indicates that the urine is being broken loose and is rising to the surface. Remove the plastic and blot the floor dry with paper towels. Frequently, upon inspecting your towelling, you will find it to be coloured yellow and smell heavily of urine. Dispose of the soiled towels.

# Technical Bulletin

## GreenPro

environmentally responsible solutions



Solutions, Chemistry, Service

Reapply GREENPRO ODOURZYME. Allow to dry 1 to 2 hours. (In humid climates lacking heat/AC, drying may take longer.)

Reapply as needed, with 1 to 2 hours drying time between applications, until odour is removed. Once odour is removed, use a sponge mop and a minimal amount of water to remove residue from the surface.

GREENPRO ODOURZYME Urine Digester is best stored in an area away from direct sunlight & temperatures below 40°C and above 10°C.

GREENPRO ODOURZYME Urine Digester is packaged in 25L, 2x5L, and 6x750mL bottles. Trigger Sprays & Pop Top Caps are available for the 750ml.

#### Septic Systems

When used as per the recommendations and concentrations of this Technical Bulletin, CASTLE GREENPRO ODOURZYME is safe to use with septic waste tank systems.

#### SHELF LIFE:

As a quality assured manufacturer, Castle Chemicals has a stringent Quality assurance programme. As part of this regime, the label on this product shows a batch number and date of manufacture. This product has a shelf life of 12 months from the label printed date of manufacture. This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Castle Chemicals assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of material.

Page 3 of 3

**CASTLE CHEMICALS**

16 Rural Drive Sandgate NSW 2304 | Ph: 02 4014 5555 | Fax: 02 4968 4883 | ccsales@castlechem.com.au | www.castlechem.com.au

castle  
cc

'Solutions, Chemistry, Service'