



## BIO CLEANING SOLUTIONS

# GreenWorx

CLEANING SOLUTIONS

*Odorite™ Ultra Deep Clean 10 X FF*  
*Application for- Floor & Tile Auto Scrubber*

**Multi-purpose bio-formulation & multi-**

**action microbial consortium**

**Odorite™ Ultra Bio Floor & Tile Auto Scrubber** will show results within no time. Lifting the old grease and grime up is the first sign that it is working. The bio-enzymes work to break apart the build-up of grease and organic waste on the floor and grout. You will notice a significant improvement in the floor's appearance with your first wash, mop or scrub and employees will notice improved traction (less slippage) than before.

The bacillus consortium in **Odorite™ Ultra Bio Floor & Tile Auto Scrubber** produces seven separate enzymes to ensure the swift degradation of key organic contaminants to ensure surfaces are biologically cleaned and odours controlled. Although many bacteria can utilise these organics as food sources, it is the bacteria with the most rapid production of these enzymes that provide the most dramatic effects.

**Odorite™ Ultra Bio Floor & Tile Auto Scrubber is a bio-enzymatic product specially formulated to digest oils, grease and other dirt (organic waste) on floors, leaving an invisible film which continues to digest the oils and grease even after regular cleaning. The in-depth cleaning of floors leave them cleaner, less slippery and with no malodours. Odorite™ Ultra Bio Floor & Tile Auto Scrubber is a powerful formulation of nutrients, stimulants and surface agents producing excellent performance.**

Most chemical cleaning products emulsify organics allowing for even distribution on floor surfaces, thus not really cleaning anything. The microorganism in Odorite cleaning products work during and after the initial cleaning is done. They penetrate into cracks and crevices of floor surfaces to degrade and digest spills, grease, and other accumulated organic material leaving floors visibly cleaner.

### Applications:

- Common applications include cleaning floors for quick service, restaurants, schools and industrial cafeterias, long term care and hospitals, grocery store floors (behind the counter) and floors in food processing plants.
- Displaces unknown, potentially "pathogenic" (disease causing) bacteria with known, healthy microorganisms and, in this way, contributes to better human health.
- While not a biocide, a side benefit is that it eliminates the feeding and breeding sources for pests (insects) and will out-compete other potentially harmful bacteria for the same food source.
- With routine cleaning, the effect is enhanced with each application until floors are truly deep cleaned.

### Safety of Odorite™ Ultra Bio Floor & Tile Auto Scrubber:

Contains a blend of safe Bacillus microorganisms. Toxicity studies done by an independent laboratory shows that **Odorite™ Ultra Bio Floor & Tile Auto Scrubber** has no acute oral toxicity, no acute dermal toxicity, and no acute inhalation toxicity at maximal test dose. Acute dermal irritation and acute eye irritation studies classify **Odorite™ Ultra Bio Floor & Tile Auto Scrubber** as non-irritating, it does not elicit a skin sensitisation reaction.

## DATA SHEET

| Benefits   | Features  |
|--|---|
| <ul style="list-style-type: none"><li>• Reduced operational spend</li><li>• Reduced labour costs due to less man hours needed to clean the floors</li><li>• Improved asset preservation as the reduced manual scrubbing reduced the amount of abrasion and wear and tear on the surface</li><li>• Using green solutions that have a zero impact on the environment due to Green Worx Cleaning Solutions' microbial and eco-benign technology</li></ul> | <ul style="list-style-type: none"><li>• A stable consortium of safe Bacillus spores</li><li>• Production of multiple enzymes providing a wide range of degradation capabilities</li><li>• A synergistic blend that works in concert to provide superior performance across multiple applications</li><li>• Excretion of high levels of amylase, cellulase, lipase, protease, urease, esterase and xylanase enzymes</li><li>• Ability to work under aerobic and anaerobic conditions</li><li>• Single product simplicity for multi-application flexibility</li></ul> |

## PRODUCT CHARACTERISTICS

- **Bacteria Counts** : 6.6 x 10<sup>8</sup> /ml
- **Bacteria Type** : Blend of *Bacillus* Spores
  - ✓ **Protease** – breaks down proteins (e.g. meat, excreted/secreted proteins) into amino acids.
  - ✓ **Lipase** – breaks down fats/grease into fatty acids and glycerol. If not broken down, fats can go rancid & lead to off-odours and blocked drains/fat grease traps.
  - ✓ **Amylase** – starch acts as a glue for dirt – amylases catalyse the break-down of starch into sugars which are then further used as a food source by the bacillus.
  - ✓ **Cellulase** – breaks down cellulosic material.
  - ✓ **Urease** - catalyzes the hydrolysis of urea into break-down products.
  - ✓ **Esterase** - splits esters into an acid and an alcohol in a chemical reaction with water called hydrolysis. Esters have characteristic odours most of which are pleasant/fruity, however can also include onion/garlic and worse odours.
  - ✓ **Xylanase** – help in breaking down plant cell walls.
    - What this means – the bacillus use the multitude of enzymes produced to break down the components of malodour and staining to provide microbial cleaning at the smallest level of dirt/contamination.
- **Salmonella** : Not detected
- **Appearance** : Clear liquid
- **Fragrance** : Pleasantly perfumed
- **Shelf-life** : Two years; maximum loss of 1.0 log at recommended storage conditions

## DOSE RATES (Follow dilution rate)

### General:

- Before use, thoroughly clean the detergent compartment, while always using new other cleaning supplies, such as a mop head or towel (or use cleaning supplies dedicated to this product)
- Mix proper dilution and fill the container
- Stir well.
- Do not add bleach to the product or other chemical cleaning agents
- Food contact surfaces have to be rinsed with potable water after cleaning and preferably disinfected
- Do not store in food processing areas or food storage areas
- Do not contaminate food products

### In-depth degreasing:

- Dilute 1 part concentrate to 50 parts clean water (100 ml to 5 litre cool clean water)
- Depending on your observation of how dirty the floor is, it may be necessary to scrub/brush solution into joints, crevices, grout lines, etc.
- Allow to penetrate for a few minutes
- Pick up with wet vacuum or auto scrubber
- If necessary, rinse with clean water

### Daily maintenance:

Dilute 1 part concentrate to 100 parts cool clean water (100ml to 10 litres cool clean water) for regular maintenance use.

**Odorite™ Ultra Bio Floor & Tile Auto Scrubber** is designed as a bio-technical aid to treat of organic waste material, offering the following advantages: liquefaction and reduction of solids, reduction of odours, easier disposal of waste, aids general cleaning of soiled areas, safety in operation of effluent systems, offers a viable alternative to current processing techniques using a bio-technical approach.

The information contained in this leaflet is to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee since the conditions of use are beyond our control. No license or immunity under any patents is granted or implied. **Green Worx CS does not guarantee that the above products can be used as described without prior positive testing or the use of these products does not infringe third parties' patent rights.**

Manufactured and supplied by **Green Worx Cleaning Solutions**



Please call us should you require additional information  
Tel. no. +27 11 708 6626 or email [info@green-worxcs.co.za](mailto:info@green-worxcs.co.za)  
Or visit our website at [www.green-worxcs.co](http://www.green-worxcs.co)

**Cleaner. Greener. Smarter.**



trust brands™