

BIO CLEANING SOLUTIONS



Odorite™ Ultra Bio Auto Dishwashing Liquid (double strength)

Technically the most advanced Bio multi-enzyme, dishwashing detergent in Africa - NOW

Applications: Ideally suited for the degradation of the following organics:



What is *Odorite™ Ultra Bio Auto Dishwashing Liquid (double strength)*?

Odorite™ Ultra Bio Auto Dishwashing Liquid is an excellent cleaner for glass-ware, crockery and cutlery in automatic dishwashing machines.

Green Worx Cleaning Solutions offers new ground breaking patented environmentally friendly pre-treat water technology to replace and outperform any wetting agent. This environmentally friendly additive is a solvent, ammonia and glycol free replacement product where powerful wetting performance is required for cleaning and dispersion of particles into solutions or suspensions; it prevents flocking and agglomeration; The additive product performs extremely well and is a replacement for conventional wetting agents to increase environmental acceptance; This new water technology is primarily used in the pre-treatment of water. The quality of water and its properties are manipulated in an entirely natural way. This natural product neutralizes the magnetic charges of particles in water thus reducing surface and interfacial tension resulting in:

Increased adhesion of the liquid to a solid particle thus resulting in a powerful wetting agent.

Allows for water and oil-based droplets to break down into finer globules and to stay in suspension for longer, resulting in powerful emulsification. The addition of this new technology allows for the transfer of our microbes / probiotics into nooks and crannies resulting in a more effective distribution of probiotics for better degradation of organics ensuring more visible cleaning and deodorising power.

How Does It Work?

Odorite™ Ultra Bio Auto Dishwashing Liquid is an industrial strength automatic dish wash detergent, designed to be dispensed into household or institutional dishwashing machines through manual or a Detergent Dispenser Unit. A unit of this nature constantly meters the wash water and maintains the correct detergent concentration at all times.

For Use

Odorite™ Ultra Bio Auto Dishwashing Liquid is a high-performance detergent that provides excellent cleaning of dishes, glasses and cutlery. AUTODISH controls staining and leaves dishes spotlessly clean. The Bios in AUTODISH ensures that dishes are also sanitised as they are washed.

Technical Data

Composition

Odorite™ Ultra Bio Auto Dishwashing Liquid features revolutionary technology that penetrates the toughest greasy, burnt-on food soils on dishes, pots, and pans for fast removal of foodstuffs and soilage; available chlorine for removing stains and to oxidise and break down food residues; phosphate builders to soften hard water and suspend dissolved minerals, preventing redeposition on glasses and tableware; defoamers to ensure fast breakdown of foam generated by protein soils in the wash solution and to enable the machine to operate at full pump pressure; sequestrants to condition hard water.

Odorite™ Ultra Bio Auto Dishwashing Liquid is not a corrosive liquid.

COLOUR – Transparent colorless liquid **ODOUR** – no odour

pH = 13 – 14

DISSOLUTION — Liquid product blends easily with water

FOAM – Low foaming, acts as a foam suppressant

DATA SHEET	
Benefits	Features
<ul style="list-style-type: none"> Highly active - only small amounts dishwashing liquid required Free rinsing - dishes can be left to air dry without streaking All ingredients are rated Biodegradable Very economical Contains a pleasant, fresh fragrance Less electricity required as it is effective in warm water Less energy is required to clean dishes Contains no caustic Anti-rust compound prevents rusting/pitting on metals Bio-friendly (biocide) preservative system 	<ul style="list-style-type: none"> Odorite™ Ultra Bio Auto Dishwashing Liquid remains highly active in both hard and soft water, and in warm or cold water Phosphate, colorant and fragrance free Eco Certified Halal Certified

Directions for use:

- Domestic use : simply add 2.5 ml *Odorite™ Ultra Bio Auto Dishwashing Liquid* to the deposit well
- Commercial applications : *Odorite™ Ultra Bio Auto Dishwashing Liquid* should be dosed using an automatic dosing pump. For optimum cleaning results we recommend a concentration of 1-4 ml/litre depending on water hardness, machine performance and level of soiling
- Maximum temperature 65°C

PRODUCT CHARACTERISTICS

- Enzyme Type** :
 - ✓ **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.
- Appearance** : Transparent liquid
- Fragrance** : Natural no fragrance
- Packaging** : 5 and 25l containers
- Shelf Life** : 24 months from date of manufacture

Choose your product based on performance:

Keep track of how much is actually required to get the dishes clean. Some formulas will break down much more quickly requiring you to change the water more frequently. **Odorite™ Ultra Bio Auto Dishwashing Liquid** is formulated to give maximum stability for both the enzymes and surfactants, while remaining biodegradable and environmentally friendly.

Ingredients:

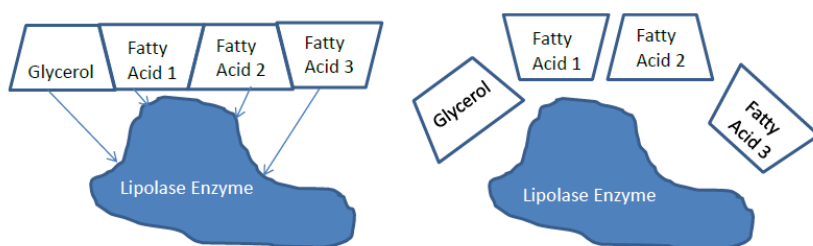
Odorite™ Ultra Bio Auto Dishwashing Liquid contains no phosphates and less surfactants. It does contain enzymes that fulfill a very important cleaning function in dishwashing, while preventing fats, oils and grease (FOG) buildup in the drain and being totally septic tank friendly.

Odorite™ Ultra Bio Auto Dishwashing Liquid does not contain any fragrance or colorants making it the most food safe auto dish washing product on the market

How do enzymes in **Odorite™ Ultra Bio Auto Dishwashing Liquid** actually work and benefit your wash?

The formulation includes a powerful liquid Amylase enzyme that improves the removal of starch containing soils such as rice, potatoes, wheat, and corn, as well as cocoa stains and processed food stains containing starch such as food thickeners. The old and outdated way of removing starch stains, through long washes and soaking in hot water for ages, is now a thing of the past. By adding the Amylase enzyme, starch can be removed at lower temperatures, reducing energy consumption and wastewater emission, saving you time and money. Starch functions as glue on which any particulate soil in the dirty wash water will stick. By removing starch from the dishes the Amylase enzyme reduces the re-deposition of soil onto the dishes during the wash, improving overall cleanness of the dishes.

The second enzyme in the formulation is the highly efficient Lipase enzyme, which was developed for use in detergent formulations to facilitate removal of soils containing vegetable or animal fats and oils, such as frying fat, salad oil, butter, gravy and cosmetics. Such stains can be difficult to remove at low washing temperature and modest detergent alkalinity, especially when some of the fat components are high melting.



Enzymes break fat molecules down into their components.
The fat is thus destroyed

The third enzyme in the formulation is a liquid Protease, like no other on the market. Your detergent needs a superior protease that is even more powerful than the ones used in other detergents. This Protease works magic on all types of protein stains, including hard to remove egg-yolk stains.

Regular use of **Odorite™ Ultra Enzymatic Dish Washing Liquid** removes layer upon layer of embedded grime, while avoiding the traditional challenge of increasing CFU counts on food contact surfaces by means of bacterial cleaning. Continued use prevents future build-up of organic soil and grime, keeping the dishes truly deep-clean, odour-free and controlling potentially harmful microorganisms and bio-film build-up.

Man has long searched for a dishwashing detergent that is effective in removing stubborn protein stains. Now, **Odorite™ Ultra Bio Auto Dishwashing Liquid** will meet your needs. **Odorite™ Ultra Bio Auto Dishwashing Liquid** delivers an exceptionally high level of cleaning on all types of dishes, pots and pans, all ingredients are rated eco-friendly, biodegradable, free rinsing and leaves dishes and eating utensils sparkling and "squeaky clean".

Environmental aspect:

There may be some reasonably environmentally friendly dishwashing liquids on the market for those who are environmentally conscious. Find a brand that uses natural ingredients such as bio-enzymes and/or uses recycled materials or packaging material suitable for recycling, which is readily biodegradable and does not contain phosphates.

Odorite™ Ultra Bio Auto Dishwashing Liquid conforms to all statutory environmental requirements. It is based on safe ingredients selected to perform efficiently so there is no waste or damage.

Odorite™ Ultra Bio Auto Dishwashing Liquid is non-flammable and biodegradable.

Odorite™ Ultra Bio Auto Dishwashing Liquid containers will be cleaned and reused if returned to Green Worx Cleaning Solutions Pty Ltd., significantly reducing plastic usage and waste.

All containers can be recycled.

Quality

The design, manufacture and supply of all Green Worx CS products is controlled by our Quality Management System

Safety

WARNING – Avoid contact with skin and eyes. Store in a cool place out of direct sunlight.

First Aid

If splashed in eyes or on face, hold eyes open and flood with water for at least 15 minutes. Seek immediate medical attention. If splashed on skin, remove contaminated clothing and wash affected area for 15 minutes. If swallowed, do NOT induce vomiting. Give a glass of water if patient is conscious. Call a doctor immediately.

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**

Cleaner. Greener. Smarter.



vegan SA



+27 11 708 6626

info@greenworx.eco

www.greenworx.eco

