

Grease Degrader



Product Description

Grease Degrader fluid consists of a blend of naturally occurring bacterial strains that have been isolated from the environment for their ability to break down FOG and organic matter from all the major food groups.



Core Benefits

Safe

- All strains used are Class 1 bacteria and are safe for human and kitchen use.
- Fermented under sterilised conditions to remove any chance of harmful contamination or incorrect strains.
- Contains preservatives to ensure that the bacteria remain inactive until use and prevent product contamination once dispatched.

Adaptable & Resilient

- Consists of spore forming bacteria which have a number of advantages:
 - The spore coat is highly resistant to temperature, physical and chemical challenges.
 - Spores germinate and flourish in the right conditions, i.e. when warmth, nutrients and water are present. The bacteria revert to the spore form when conditions deteriorate, germinating when conditions become favourable once more. This provides valuable residual protection.
- The bacteria form biofilms on the interior surfaces of grease traps and wastewater pipework, providing a continuous and renewable source of enzymes for the removal of FOG and other organic matter.
- Daily dosing ensures that a thriving biofilm is maintained while allowing the bacteria to spread with the flow of water.

Effective

All bacteria are not the same! Bacteria produce enzymes that break down specific waste into smaller compounds so they can be absorbed by the cells to allow them to grow and flourish. If the wrong enzymes or less effective enzymes are produced, they will have no or little impact on the waste.

How does it work?

Hundreds of strains were analysed and tested to identify those that produced the most effective enzymes for the degradation of fats, starch, cellulose and protein:

- Lipase breaks down fats, oils and greases
- Amylase breaks down starch, e.g. potatoes, pasta
- Cellulase breaks down cellulose, e.g. vegetable matter
- Protease breaks down proteinaceous matter, e.g. meats, cheeses.

Directions for use

The pump ensures that the product is dosed in correct quantities at specific times during the day. The unit is self contained, does not need any operation/support by local staff.

Product specification

5 litres GD Fluid and pump

Environmental

- Local UK Production and supply chain reduces CO2e impact from transport
- Technologies are renewable and sustainable, sourced from plant extracts, fermentation, microbes and manufacturing by-products reducing CO2e and environmental toxicity.
- Post Consumer Recycled bottles provide a circular life cycle reducing CO2e and removing physical plastic pollution.
- Highly concentrated to reduce plastic, transport and storage costs and environmental impact.
- Readily biodegradable (99% over <28 days).
- 0% manufacturing waste.
- Not tested on animals.
- Excludes all 'watch list' raw materials.



Safety & Storage

Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet (SDS). Only for professional users/specialists. Store in original closed containers away from extremes of temperature.

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