

GRIFFON WASTE MANAGEMENT d.o.o.

Zelena magistrala 50, HR - 10000 Zagreb

Tel: +385 99 7200 137 E-pošta: info@gwm.hr

Web: www.griffon.hr OIB: 48437782274



Griffon 100 – food waste degradation product

OVERVIEW

A high bacterial specification, multi-strain, spore based concentrate product intended for degradation of food waste especially control of fats oils and greases (FOG) problems in drainline, grease trap and downstream FOG control applications.

TECHNICAL DESCRIPTION

- Fully formulated, highly concentrated product for the treatment of Food waste in Griffon devices
- Very high bacterial specification of organic degrading strains for maximum effectiveness.
- Specially selected highly effective bacteria multi-strain formula for:
 - production of lipase and a cascade of fatty acid degrading enzymes to completely hydrolyse fats
 - Production of additional extracellular hydrolase enzymes to degrade food related wastes and sludge
 - Ability to survive in the low pH environment of an active grease trap
 - Resistant to chlorine and other harsh chemicals found in cleaning products
- Product contains Bacillus bacteria in 100% spore form for:
 - Extended product life
 - Product stability
 - Maintenance of original product specification
- Manufactured using the latest developments in bio-based chemistry, yet compatible with more traditional chemistries. The formulation is non-caustic and non-corrosive.
- Griffon quality controlled manufacturing process ensures high degree of product purity. Spore counts and absence of contamination are measured using Quantitative Polymerase Chain reaction (qPCR) as well as traditional plate count techniques.

APPLICATIONS

Except in Griffon devices Griffon 100 is a specifically designed to treat:

- Grease traps
- Heavy duty drain line maintenance
- Lift stations/wet wells
- Rising mains
- Small municipal biotowers of bio-disk systems
- Septic systems



FEATURES & BENEFITS

Features	Benefits
High specification concentrated product	Requires low dose rate. 5L jerry can can last for more than 2 months
Contains FOG degrading strains	Viscous formulation that can be added manually or auto-disensed
High extracellular enzyme production	Capable of degrading all food related wastes that are flushed to drain in addition to FOG
Formulated with latest bio-based chemistry	Low hazard to operators, users and the environment.
Capable of complete FOG and sludge breakdown	Reduces the requirement and frequency of mechanical treatment to unblock drains due to grease build-up.
Up to 2 years shelf life	Easy to store and handle

PRODUCT FORMAT

Concentrate	Dilution	Bacteria count
Grease Trap Solution GTS 10X - Pub	Use neat from container via a dispensing pump	1- 2e ⁹ /ml

STORAGE AND HANDLING

Store in a cool, dry place. Wash hands with soap and water after use.

Technical Specification of Griffon 100

enzyme production	<ul style="list-style-type: none"> • protease • cellulase • xylanase • lipase • urease • amylase • esterase
bacteria	specifically selected class 1 Bacillus spore blend
typical properties	form – liquid pH - 7.0-8.0 appearance - straw coloured shelf life - 24 months (in un-opened container) fragrance – neutral
performance properties	effective pH range: 5.0 - 10.0 temperature range: 5 - 50°C
packaging	2x5L case

This product is manufactured and shipped from the Croatia