



# Grease Trap Aid

## Reduce Pump-outs and Remove Odors

## Fact Sheet

### Introduction

Grease traps, also known as grease pits or interceptors, are a static method of capturing fats, oils, grease and organic solids from kitchens and food preparation areas before they are discharged into the sewer or waste water treatment system.

Fats, oils and greases (F.O.G) are lighter than water and as the discharged water from kitchens passes through the grease trap, baffles are utilised to slow the water flow allowing the F.O.G to float on the surface and separate from the water. Suspended solids sink to the bottom of the trap.

Over time the amount of F.O.G and solids builds up and ultimately need pumping out to ensure efficiency of operation is maintained.

### Grease Trap Odors

Grease trap odors or malodors are generally caused by the slow breaking down of the fats oils and greases that have settled near the top of the grease trap.

When odors become noticeable grease trap performance becomes impaired and is a serious indication that the system is not coping and it is a sign of hygiene and environmental risk.

### Increasing the Performance of Grease Traps

Fats, oils and greases will eventually break down and decompose naturally over time. However in normal use there is insufficient time to achieve this and hence the grease trap needs pumping out. It is also common for water authorities to enforce mandatory pump outs to minimize hygiene and environmental risks.

Using BiOWiSH™ Grease Trap Aid rapidly increases this natural decomposition process to significantly increase the performance of your grease trap.

With BiOWiSH™ Grease Trap Aid you are using the most powerful Microbial Enzyme technology available to rapidly digest the waste matter in your grease trap. Fats, oils greases and solids are hydrolyzed by the powerful enzymes. These contaminants are converted to their final elements which are off-gassed as nitrogen, oxygen, carbon dioxide and water vapor. In the process your grease trap is rapidly deodorized and will operate with a substantially higher efficiency level.

Fats, oils and greases coagulate and form a cake on top of your grease trap restricting oxygen levels and preventing natural bacterial action. BiOWiSH™ Grease Trap Aid is powerful enough to prevent the formation of this coagulated fat restoring the system to optimal performance.

When you use BiOWiSH™ Grease Trap Aid you are using the same technology used in commercial sewerage treatment plants, and are helping the sewer system cope with contaminated discharges.

Used regularly BiOWiSH™ Grease Trap Aid is the easiest and most cost effective maintenance you can perform for your grease trap to provide years of hassle free service.

Using BiOWiSH™ Grease Trap Aid also helps the environment by reducing fat, oil and grease discharges and the reduction in pump-outs takes pick up trucks off our roads. Reduced pump-outs directly translates to a reduction in costs of operating your grease trap with the annual cost of BiOWiSH™ Grease Trap Aid representing a small investment to achieve a large cost saving.

### Key Benefits of Use:

- Active BiOWiSH™ Microbes and Enzymes rapidly break down line blockages and odor causing compounds
- Suitable for all grease trap systems
- Prevents grease build-up
- Rapidly removes grease trap and drain line odors (does not mask them)
- Fully digests solids reducing costly grease trap pump-out costs
- Will not harm metal pipes
- Boosts bio-chemical degradation of sewerage
- Harmful bacteria and fungal growth are reduced
- Ground water pollution is significantly reduced
- Fast acting,
- Easy application and can be applied to any drain or sink
- Only requires monthly treatment for optimal performance
- Reduces gas pressure in plumbing and pipes
- 100% organic and biodegradable
- Non-toxic, non-chemical, non-pathogenic
- Harmless to humans and the environment

### Instructions for Use

1. Commence use directly following a pump-out.
2. Fill a sink with 21/2Gal/10l of warm water (120°F / 40-45°C. Do not exceed 150°F / 65°C
3. Open satchets and add required dosage as per table below.
4. Mix thoroughly.
5. Allow to stand for 10 minutes to ensure microbes are fully activated.
6. Discharge solution into drain.
7. Avoid excessive use of disinfectant cleaners which impede the microbes.
8. Repeat procedure monthly as indicated in the table below

	US Imperial			Metric		
	< 400Gal	400 – 800 Gal	>800 Gal	<1500l	1500-3000l	>3000l
Initial Treatment	3.5oz	3.5oz	7.0oz	100g	100g	200g
Follow up treatment in 14 days	nil	3.5oz	Nil	nil	100g	100gm
Ongoing once per month treatment	3.5oz	3.5oz	7.0oz	100g	100g	200g



### More Information

For more information on how this amazing new technology works please visit [www.biowishtechnologies.com/biologicaleapforward](http://www.biowishtechnologies.com/biologicaleapforward)

We also welcome your feedback or questions on BiOWiSH™ products. Please email us at [contact@biowishtechnologies.com](mailto:contact@biowishtechnologies.com)



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