

# Biological Grease Digesting Agent

## **BIOLOGIX GREASE-ATTACK – BIZ (manufactured under licence)**

---

### *Biological Grease Digesting Agent*

**BIOLOGIX GREASE ATTACK – (BIZ)** with BioS™ 3112 represents the next step in technology for biological treatment of drain lines and grease traps. BioS™ 3112 is a new patented *Bacillus* strain that gives **BIOLOGIX GREASE ATTACK- (BIZ)** the ability to degrade the recalcitrant portion of the grease molecule, the long-chain fatty acids.

The introduction of BioS™ 3112 into a microbial blend that also degrades proteins, lipids and carbohydrates delivers a unique biological consortium for treating drain lines and grease traps. With regular application, **BIOLOGIX GREASE ATTACK – (BIZ)** will reduced trapped grease, maintain free-flow in drains, and reduce odours in grease traps and drain lines.

### **BENEFITS**

- **BIOLOGIX GREASE ATTACK – (BIZ)** contains a selected blend of highly active bacteria cultures with high enzyme activity including protease, amylase and lipase enabling it to breakdown proteins, carbohydrates and fats and oils.
- **BIOLOGIX GREASE ATTACK – (BIZ)** does not transfer the grease downstream. The microbial consortium actually degrades and digests grease and scum.
- **BIOLOGIX GREASE ATTACK'S – (BIZ)** proprietary formulation incorporates an innovative inhibitory system that produces excellent product stability, yet upon addition, these same ingredients stimulate the growth and activity of the bacteria.
- The active ingredients in **BIOLOGIX GREASE ATTACK – (BIZ)** reduce the production of odours by inhibiting biological production of odour causing compounds such as hydrogen sulphide and the rancid, foul-odour volatile fatty acids that result from septic or anaerobic environments.
- The microbial blend in **BIOLOGIX GREASE ATTACK – (BIZ)** controls odours by degrading malodorous volatile fatty acids present in septic or anaerobic environments.
- BioS™ 3112 **specifically** degrades long-chain fatty acids that are known to be persistent in the environment causing the majority of maintenance and treatment problems.
- The partial breakdown of grease causes pH to drop, creating an environment that is inhibitory to most bacteria. BioS™ 3112 is active at the low pH levels generated. Furthermore, the addition of **BIOLOGIX GREASE ATTACK – (BIZ)** alleviates low pH by breaking down both short-chain and long-chain fatty

acids, thus maintaining an environment more amenable to active microbial degradation.

## Biological Grease Digesting Agent

### BIOLOGIX GREASE-ATTACK - BIZ

*Biological Grease Digesting Agent*

**BIOLOGIX GREASE ATTACK – (BIZ)** demonstrates visible reductions in grease when field tested in restaurant grease traps.

- **BIOLOGIX GREASE ATTACK – (BIZ)** is an environmentally preferable formulation that won't damage pipes and traps..
- **BIOLOGIX GREASE ATTACK – (BIZ)** is non-volatile and non-corrosive.
- **BIOLOGIX GREASE ATTACK – (BIZ)** is easy to be handled and to use.
- **BIOLOGIX GREASE ATTACK – (BIZ)** has good stability and shelf life.

*Recommended Application Feed Rate:*

#### GREASE TRAPS

TRAP SIZE	DOSING
750L Trap or 0.8m <sup>3</sup>	300 g per week
1,900L-5,700L Trap or 1.9-5.7m <sup>3</sup>	530-590 g per week
5.700L or larger or >5.7m <sup>3</sup>	950-1,180 g per week

#### DRAIN LINES

SIZE	FREQUENCY	NOTES	DOSING
<b>RESIDENTIAL and HOTEL</b> Slow Running Drains	3-day start-up treatment	Run hot water for 30 seconds before dosing product directly into drain. For best results, dose at bedtime or when drain will not be used for several hours	60-120 g/day
<b>RESIDENTIAL and HOTEL</b> Maintenance	Ongoing	For best results, dose at bedtime or when drain will not be used for several hours	60-120 g/week
<b>COMMERCIAL</b> Slow Running Drains	7-day start-up treatment	For best results, dose at closing or during quiet hours	180-240 g/day
<b>COMMERCIAL</b> Maintenance	Ongoing	For best results, dose at closing or during quiet hours	120-240 g/week
<b>FLOOR DRAINS</b>	Ongoing	Start-up: Treat drains daily for 3-7 days to achieve better flow rates. Maintenance: dose weekly For best results, dose a closing or during quiet hours	Mix 125 g/L to treat 6-8 drains