

GEARTH

GEARTH Biodegradable Dish Liquid

Bio-Enzyme Dishwashing Liquid | Fat Trap Treatment | Drain & Septic Benefit

Type: Bio-Enzyme Dishwashing Liquid Highly Concentrated	pH: Neutral Skin Safe Eco-Friendly	Shelf Life: 12 Months Available: 5L, 25L, 1000L
--	---	--

GEARTH Biodegradable Dish Liquid is a breakthrough bio-enzyme dishwashing liquid that goes far beyond conventional dish cleaning. It is a very powerful blend of eco-friendly bio-enzyme grease-cutting agents with a neutral pH that is soft on the skin. Powered by bio-enzymes, it delivers sparkling clean dishes and cutlery even on the toughest food stains, while simultaneously treating fat traps, drain lines, plumbing and septic systems with every wash cycle.

Through the scientific process of Competitive Exclusion, GEARTH Biodegradable Dish Liquid keeps dishes clean and free of harmful pathogens for days after washing. The product is extremely concentrated — a small amount cleans an entire sink of soiled dishes and cutlery.

1 BEYOND DISHWASHING — SYSTEM BENEFITS	
Fat Trap Treatment	Eliminates the need for sewage-suction trucks. Proprietary fat-digesting bio-enzyme technology remediates fats on-site, permanently breaking them down into carbon dioxide and water.
Drain & Plumbing Lines	Releases beneficial micro-organisms into plumbing and drain lines with every wash, keeping pipes clear and free-flowing.
Septic Tanks & Systems	Fats and solids are permanently broken down, reducing the frequency and cost of manual septic tank cleaning.
Sewer & Environmental Protection	Actively contributes to preventing sewer overflow events and associated public health risks.
Odour Elimination	Eliminates odours through biological digestion of organic matter rather than masking it.

2 KEY FEATURES & BENEFITS	
- Sparkling clean dishes and cutlery — even on the toughest food stains - Highly concentrated — tiny amount cleans a full sink load - Advanced foaming agents — stable under high grease loading - Neutral pH — skin-soft and gentle for daily use - Keeps dishes pathogen-free for days via Competitive Exclusion - Treats fat traps on-site — eliminates sewage truck costs - Benefits drain lines, plumbing, septic tanks and sewer plants with every use - Eco-friendly bio-enzyme formulation - EcoChoice Approved	

3 APPLICATIONS	
Suitable for commercial and institutional kitchens; hospitality and catering operations; food processing and manufacturing facilities; corporate offices; mines and industrial canteens; hospitals, schools and government facilities; and domestic and residential use — particularly beneficial to any facility connected to fat traps, septic tanks, soakaways, greywater systems or municipal sewer infrastructure.	

4

DIRECTIONS FOR USE

Use as a standard dishwashing liquid. Due to the highly concentrated formulation, a small quantity is sufficient to clean a full sink load of dishes and cutlery. No special application procedure is required — the bio-enzyme technology activates automatically on contact with water and organic matter, delivering system benefits passively with every wash.

5

TECHNICAL SPECIFICATIONS

Physical State	Liquid
pH	Neutral
Solubility	Water soluble — lathers to form stable foam
Formulation Type	Highly concentrated eco-friendly bio-enzyme grease-cutting dishwashing liquid
Active Technology	Proprietary fat-digesting bio-enzyme micro-organisms; Competitive Exclusion for pathogen control
Foaming Properties	Advanced foaming agents — stable under increasing grease loading; does not break during use
Skin Safety	Neutral pH — soft on skin; suitable for daily use
Waste Conversion	Permanently converts fats and solids into CO2 and water
System Benefits	Actively treats fat traps, drain lines, plumbing, septic tanks and sewer plants with every wash

6

STORAGE & SHELF LIFE

Shelf Life	12 months from date of manufacture.
Storage Conditions	Store at ambient temperature, away from direct sunlight. Keep container sealed when not in use.

7

PACKAGING

5 L	Standard container
25 L	Standard container
1 000 L	Flow bin / IBC
Super Concentrate	Available for simple self-manufacturing — significantly reduces shipping costs

8

ENVIRONMENTAL INFORMATION

- Bio-enzyme formulation — eco-friendly and biodegradable.
- Permanently converts fats and organic solids into carbon dioxide and water — no hazardous waste.

GEARTH Biodegradable Dish Liquid

Bio-Enzyme Dishwashing Liquid | Fat Trap Treatment | Drain & Septic Benefit

- Eliminates the need for frequent fat trap pump-outs, reducing diesel-powered truck visits and associated carbon footprint.
- Actively prevents sewer overflows caused by fat blockages — protecting rivers, oceans and public health.
- EcoChoice Approved.

The information contained in this Technical Data Sheet is based on data believed to be accurate at the time of publication. GEARTH (Pty) Ltd reserves the right to update or revise specifications without prior notice. Users are responsible for determining the suitability of this product for their specific application. Always handle products in accordance with applicable health, safety and environmental legislation. Contact GEARTH (Pty) Ltd for site-specific application guidance.