GEARTH BioDish Liquid

Probiotic Dishwashing Liquid | 9-Enzyme System | Citro-Boost Technology

Type: Highly concentrated probiotic manual dishwashing liquid	**Enzyme System:** 9-enzyme grease-cutting system	**Cost In Use:** Up to one third less product than conventional liquids

GEARTH BioDish Liquid is a highly concentrated probiotic dishwashing liquid built on a nine-enzyme system for grease-cutting performance that requires up to a third less product than some conventional dishwashing liquids. It is supplied with an economical dispensing nozzle so the dose is controlled at the point of use rather than poured.

Unlike conventional detergents, the enzyme-producing cultures keep working after the wash — travelling down the U-bend and waste line to digest accumulated fat, oil and grease, eliminate drain odours and keep plumbing free-flowing. Every sink of dishes therefore doses the building's drainage and septic system with beneficial cultures.

1 KEY FEATURES & BENEFITS

- Highly concentrated — uses up to one third less than some conventional dishwashing liquids
- Economical dispensing nozzle for controlled dosing
- Superior grease-cutting performance from a 9-enzyme system
- Keeps plumbing and U-bends free of fat, oil and grease build-up
- Eliminates drain odours at source
- Actively benefits septic and wastewater systems
- Phosphate free
- Non-streaking formulation
- Powerful, pleasant fragrance
- Citro-Boost technology for added cleaning power
- Cost-saving dispenser pump available

2 PROBIOTIC MECHANISM

GEARTH probiotics analyse their target and secrete the precise type and concentration of digestive enzyme required, permanently breaking fats, oils, greases and food soils down into carbon dioxide and water.

Through Competitive Exclusion, GEARTH probiotics outcompete odour- and pathogen-forming bacteria for food and space, colonise the system and establish a long-term healthy microbial balance. Organic targets are broken down permanently into carbon dioxide and water rather than being masked or displaced downstream.

3 APPLICATIONS

- Commercial kitchens, canteens and staff dining facilities
- Restaurants, coffee shops, bakeries and takeaway outlets
- Hotels, lodges and hospitality back-of-house
- Hospitals, clinics and care facilities
- Schools, universities and hostel kitchens
- Food and beverage processing wash-up areas
- Domestic and estate use, including septic-served properties

4 DIRECTIONS FOR USE

- Step 1 — Dose: Dispense through the supplied nozzle or dispenser pump into the sink as it fills. Increase the dose for heavy grease loading rather than pre-diluting.
- Step 2 — Wash: Wash as normal. High grease loads benefit from a short soak before washing.
- Step 3 — Rinse: Rinse with clean water. The formulation is non-streaking and does not require a rinse aid for manual washing.
- Step 4 — Drain Benefit: Discharge the wash water down the sink at the end of the shift so the cultures work on the U-bend and waste line overnight.
- Do not mix with bleach or disinfectants — these destroy the active cultures.

5 TECHNICAL SPECIFICATIONS

Physical State	Liquid concentrate
Formulation Type	Probiotic — 9-enzyme producing microbial system with surfactant, Citro-Boost and fragrance package
Enzyme System	9 enzymes
Concentration	Highly concentrated — up to one third less product per wash than some conventional liquids
Rinse Behaviour	Non-streaking
Phosphate Content	Phosphate free
Degradation By-Products	Carbon dioxide and water
Secondary Action	Progressive removal of fat, oil and grease from U-bends and waste lines; drain odour elimination
Downstream Compatibility	Actively benefits septic tanks, sewer lines and wastewater treatment systems
Chemical Incompatibility	Bleach, disinfectants and high chlorine concentrations destroy the active cultures
Dispensing	Supplied with economical dispensing nozzle; dispenser pump available
Country of Manufacture	South Africa

6 STORAGE & SHELF LIFE

Storage Conditions	Store sealed at ambient temperature out of direct sunlight. Do not allow to freeze.
Handling	Formulated with bio-based, low-toxicity ingredients. Avoid eye contact; rinse with clean water if contact occurs.

This Technical Data Sheet reflects GEARTH's current product specification and application guidance at the date of issue. GEARTH (Pty) Ltd continually develops its formulations and reserves the right to revise specifications without prior notice. Because site conditions, substrates and effluent loads vary, the user remains responsible for confirming suitability for a specific application — GEARTH technical staff are available to assist with site-specific dosing and trial protocols. Handle all products in accordance with the applicable Safety Data Sheet and South African health, safety and environmental legislation.