Type: Automatic dishwashing detergent liquid	**Foaming:** Low foaming at automatic dishwasher temperatures	**Dosing:** Peristaltic pump metered

GEARTH DishPro is a high-performance automatic dishwashing detergent that strips grease and grime from crockery and cutlery, prolongs the interval between machine maintenance cleans and extends machine lifespan. It is an eco-friendly, biodegradable blend of cleaning agents and sequestrants formulated for the hospitality and institutional catering environment.

Automatic dishwashing systems deliver substantial savings in time, labour, water and utilities, reduce breakage through less handling and simplify clean-down — but even the best machine only realises those benefits with a detergent formulated for it. DishPro is low foaming at automatic dishwasher temperatures, which allows the pressure nozzles to spray properly and make full contact with the load.

1 KEY FEATURES & BENEFITS

- Blend of cleaning agents and sequestrants for efficient crockery and cutlery cleaning
- Low foaming at automatic dishwasher temperatures for optimal nozzle spray and load contact
- Prolongs the interval between machine maintenance cleans
- Forms a protective film on metal surfaces inside the machine for greater machine lifespan
- Will not harm dishes or the machine's materials of construction
- Performs exceptionally where water quality and hardness are a challenge
- Converts dirt deposits into small suspended particles that rinse away without redepositing
- Easily metered through a peristaltic pump for accurate, economical dosing
- Eco-friendly and biodegradable formulation

2 WATER HARDNESS PERFORMANCE

Less than ideal water quality is a major obstacle to automatic dishwashing results. Minerals and dissolved solids cause spotting and filming on dishware unless they are effectively tied up, or sequestered, in the wash water. GEARTH DishPro is formulated with a sequestrant package for exactly this, and is designed to perform in areas where water quality and hardness are a persistent issue.

3 APPLICATIONS

- Hospitality — hotel, lodge and restaurant dishwashing
- Commercial and industrial kitchens
- Institutional catering — hospitals, schools, hostels and staff canteens
- Cleaning of crockery and glassware
- Cleaning of stainless steel cutlery

4 DIRECTIONS FOR USE

- Step 1 — Meter: Dose DishPro through a peristaltic pump programmed for the machine and water condition; this ensures the correct chemical dose and the most economical operation.

- Step 2 — Wash: Run the machine as normal. Do not increase dose to compensate for a fouled machine — service the machine instead.
- Step 3 — Rinse: Follow with GEARTH RinsePro rinse aid in the rinse water for best results.
- Step 4 — Maintain: Monitor the machine's interior; the protective film DishPro forms on metal surfaces reduces, but does not remove, the need for scheduled maintenance cleaning.
- Peristaltic dosing pumps are available from GEARTH. Avoid using disinfectants and harsh chemicals alongside the GEARTH bio-enzyme range — these destroy beneficial cultures.

5 TECHNICAL SPECIFICATIONS

Physical State	Liquid
Formulation Type	Eco-friendly biodegradable blend of cleaning agents and sequestrants
Foaming	Low foaming at automatic dishwasher temperatures
Water Hardness Performance	Sequestrant package prevents spotting and filming in hard and poor-quality water
Soil Behaviour	Converts dirt deposits into small suspended particles that rinse away without redepositing
Machine Protection	Forms a protective film on metal surfaces for greater machine lifespan
Material Compatibility	Will not harm dishes or automatic dishwasher materials of construction
Dosing Method	Peristaltic pump metered — pumps available from GEARTH
Recommended Companion Product	GEARTH RinsePro automatic rinse aid
Biodegradability	Biodegradable
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 and prolonged skin 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.