Type: Bio-enzyme food processing cleaner and degreaser	**Compliance:** HACCP Standards Compliant | tested non-corrosive	**Packaging:** 5 L, 25 L and 1 000 L flow bins

GEARTH BioCater is a potent bio-enzyme food processing cleaner that removes tough embedded greases from equipment and surfaces while controlling odour and maintaining the drain lines and fat traps downstream of the clean. Its microbes remove even the heaviest build-ups of fats, oil, grease and grime from the toughest industrial environments, digesting grease into water and carbon dioxide in an ongoing and repeating process.

The cultures are cultivated from South African soils, giving them a home-ground performance advantage, and are safe and non-pathogenic with no hazard potential. BioCater is tested and approved non-corrosive and is safe on all equipment and surfaces.

1 THE PROBLEMS IT SOLVES

Appearance	Restaurants, food processing plants, butcheries, kitchens, catering operations and abattoirs are natural accumulation points for fats, oils and greases. These repel water and resist conventional chemical cleaning, leaving equipment, tables, walls and floors dull and glazed over — in environments where a spotless appearance is paramount.
Odours	Foul odour is close to inevitable as food processing effluent builds up, and conventional chemicals exert no long-term control. Odour becomes a direct driver of negative client perception.
Drain Lines	Greasy effluent from cleaning is pushed into floor drains, where it builds up, clogs and blocks the line — creating a festering reservoir for disease-causing pathogens in exactly the environment that can least afford it, and a costly, time-consuming cleaning task.
Fat Traps	Drain line effluent ends up in the establishment's fat trap, a costly and time-consuming challenge in its own right. See GEARTH BioTrap.
Disinfectants	Disinfectants are essential on food preparation and food contact surfaces, but are often not biodegradable and kill the beneficial cultures needed to break down effluent in fat and grease traps, municipal sewerage works and septic tanks.
Health & Safety	Grease is extremely slippery. Floors and equipment that are not effectively degreased constitute a significant occupational health and safety hazard.

2 THE SOLUTION

BioCater carries advanced enzyme and microbial properties that penetrate porous surfaces to rapidly degrade and eliminate fats, oils and greases. It has immediate cleaning action, instantly cutting through accumulated fats and oils to leave a visually spotless environment with no greasy residue, and its bio-enzyme package delivers immediate and continued long-term odour control.

It actively eliminates drain line build-up and keeps plumbing flowing freely. The cultures then arrive in the fat and grease traps, where they treat and maintain those systems rather than loading them. Health and safety risk from slippery floors and equipment is substantially reduced.

In line with best practice, after cleaning with BioCater all food preparation and food contact surfaces must be thoroughly disinfected with an appropriate disinfectant before being exposed to any food items.

3 KEY FEATURES & BENEFITS

- HACCP Standards Compliant
- Improves visual cleanliness — no greasy residue or glazed surfaces
- Substantially reduces odour, with control that improves over time
- Fly and mosquito control through removal of the breeding substrate
- Keeps drain lines flowing freely
- Helps treat and maintain grease traps downstream
- Tested and approved non-corrosive — safe on all equipment and surfaces
- Penetrates porous surfaces to reach embedded grease
- Safe for cleaning staff and the environment
- Reduces occupational health and safety risk from slippery surfaces
- Super concentrate available for self-manufacture, greatly reducing shipping cost

4 APPLICATIONS

- Restaurants, kitchens and catering operations
- Food processing plants
- Butcheries and abattoirs
- Piggeries
- Fats, vegetable oils and greases (F.O.G.) accumulation points
- Floor drains, gullies and drain lines
- Equipment, preparation tables, walls and floors

5 DIRECTIONS FOR USE

- Step 1 — Apply: Apply to equipment, surfaces, walls and floors. BioCater cuts accumulated fats and oils immediately; heavier embedded grease benefits from a dwell period so the enzymes can penetrate the porous surface.
- Step 2 — Agitate and rinse: Agitate where needed and rinse. Discharge water carries the cultures into the drain line and fat trap, where they continue working.
- Step 3 — Treat drains: Apply directly into floor drains and gullies at end of shift so the cultures work undisturbed overnight.
- Step 4 — Disinfect: Disinfect all food preparation and food contact surfaces with an appropriate disinfectant before exposure to food items.
- Contact GEARTH for the dilution matched to the grease load and surface type.

6 TECHNICAL SPECIFICATIONS

Physical State	Liquid
Formulation Type	Bio-enzymatic — enzyme-producing microbial consortium cultivated from South African soils
Target Contaminants	Fats, oils, greases, embedded food soils and organic odour precursors
Degradation By-Products	Water and carbon dioxide
Corrosivity	Tested and approved non-corrosive — safe on all equipment and surfaces
Pathogen Status	Safe and non-pathogenic with no hazard potential
Compliance	HACCP Standards Compliant
Surface Penetration	Penetrates porous surfaces to degrade embedded F.O.G.
Downstream Effect	Eliminates drain line build-up; treats and maintains fat and grease traps
Chemical Incompatibility	Disinfectants, bleach and high chlorine concentrations destroy the active cultures — disinfect after cleaning, not during
Supply Options	Super concentrate available for self-manufacture
Country of Manufacture	South Africa

7 STORAGE & SHELF LIFE

Shelf Life	Stable for 12 months
Storage Conditions	Store at ambient temperature out of direct sunlight, sealed when not in use.

8 PACKAGING

5 L	Standard container
25 L	Standard container
1 000 L	Flow bin / IBC

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.