

GEARTH GEARTH Biodegradable Dish Liquid

MATERIAL SAFETY DATA SHEET

Plant-derived biodegradable dishwashing liquid — gentle on hands, tough on grease. Anionic and nonionic surfactant blend.

1 IDENTIFICATION OF THE MATERIAL	
Product Name	GEARTH Biodegradable Dish Liquid
Description	Plant-derived biodegradable dishwashing liquid — anionic and nonionic surfactant blend.
Product Packaging	5 L, 25 L, 200 L
Supplier	GEARTH (Pty) Ltd
Address	96 Lazy River Road, Centurion, 0157, Gauteng, South Africa
Website / Email	www.gearth.co.za info@earth.co.za
EMERGENCY CONTACTS	
GEARTH Office:	012 004 8183
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2 COMPOSITION / INFORMATION ON INGREDIENTS	
Hazardous Components	None.
Ingredients	Proprietary biodegradable anionic and nonionic surfactant blend; water.
GHS Classification	Not classified as Hazardous.
3 HAZARDS IDENTIFICATION	
Hazard Classification	Non-Hazardous, Non-Dangerous.
Signal Word	None.
Health Effects – Eyes	Mild irritant at full concentration.
Health Effects – Skin	Non-irritating under normal use. Prolonged contact may cause dryness.
Health Effects – Ingestion	Low hazard. May cause gastrointestinal discomfort.
Health Effects – Inhalation	None under normal use conditions.
4 FIRST AID MEASURES	
Inhalation	Move to fresh air if symptoms occur.
Skin	Rinse thoroughly with water. If irritation persists seek medical attention.
Eyes	Flush immediately with plenty of water for at least 15 minutes keeping eyelids open. Seek medical attention if irritation persists.
Ingestion	Rinse mouth with water. Do NOT induce vomiting. Give water to drink slowly. Seek medical attention if symptoms develop.
5 FIRE FIGHTING MEASURES	
Flammability	Non-flammable.
Extinguishing Media	Use extinguishing media appropriate to surrounding fire — water spray, foam or CO2.
Special Hazards	None known.
6 ACCIDENTAL RELEASE MEASURES	
Small Spill	Absorb with inert material. Collect and place in a labelled waste container.

Large Spill	Prevent entry into drains, sewers and waterways. Contain with sand or absorbent material. Collect and dispose according to local regulations.
Environmental	Do not discharge large quantities directly to waterways.
7 HANDLING AND STORAGE	
Safe Handling	Avoid prolonged contact with skin and eyes. Keep containers closed when not in use.
Storage	Store in a cool, dry, well-ventilated area away from direct sunlight and heat sources.
8 EXPOSURE CONTROLS / PERSONAL PROTECTION	
Occupational Exposure Limits	No specific exposure standards established.
Engineering Controls	Adequate ventilation under normal use.
Eye Protection	Safety goggles for large-scale handling.
Skin Protection	Gloves for prolonged or repeated contact.
Respiratory Protection	Not required under normal conditions.
9 PHYSICAL AND CHEMICAL PROPERTIES	
Form	Liquid.
Appearance & Colour	Clear to slightly opaque; light colour.
Odour	Mild, pleasant.
pH Value	6.5–8.0
Specific Gravity	Approx. 1.0
Flash Point	Not applicable.
Flammability	Non-flammable.
Solubility in Water	Fully miscible.
Boiling Point	> 100°C
10 STABILITY AND REACTIVITY	
Stability	Stable under normal conditions.
Hazardous Decomposition	None known under normal conditions.
Incompatibility	Strong acids and strong oxidising agents.
11 TOXICOLOGICAL INFORMATION	
Acute Toxicity	Low toxicity under normal use conditions.
Skin Contact	Non-irritating under normal use; prolonged contact may cause dryness.
Eye Contact	Mild irritant at full concentration.
Ingestion	May cause mild gastrointestinal discomfort.
Carcinogenicity	Not classified.
12 ECOLOGICAL INFORMATION	
Biodegradability	Readily biodegradable — plant-derived surfactant blend.
Aquatic Toxicity	Low toxicity to aquatic organisms at normal use dilutions.
Bioaccumulation	Not likely.
13 DISPOSAL CONSIDERATIONS	
Disposal Methods	Dispose in accordance with local regulations. Small quantities may be disposed via sewer in accordance with local authority requirements.

Container Disposal	Rinse container and recycle where applicable.	
14	TRANSPORT INFORMATION	
Transport Class	Not classified as Dangerous Goods for transport by Road, Rail or Air.	
UN Number	Not applicable.	
15	REGULATORY INFORMATION	
EEC Hazard Classification	Not classified as hazardous.	
Risk Phrases	None allocated.	
Safety Phrases	S25 — Avoid eye contact. S46 — If swallowed, seek medical advice.	
16	OTHER INFORMATION	
This MSDS summarises GEARTH's best knowledge of the health and safety hazard information available for this product and the measures required to handle and use it safely. Each user should read this MSDS in connection with their specific application and intended use. Disclaimer: The information provided is correct to the best of our knowledge at the date of publication. It is intended only as guidance for safe handling, use, processing, storage, transportation, disposal and release, and is not a warranty or quality specification. GEARTH (Pty) Ltd shall not be held liable for any damage resulting from handling or contact with this product.		
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