

GEARTH GEARTH Multipurpose Cleaner

MATERIAL SAFETY DATA SHEET

Multi-surface acidic cleaner — lactic acid and proprietary biodegradable surfactant blend. Ready-to-use liquid formulation.

1 IDENTIFICATION OF THE MATERIAL	
Product Name	GEARTH Multipurpose Cleaner
Description	Multi-surface cleaner with lactic acid and biodegradable surfactant blend.
Product Packaging	5 L, 25 L, 1 000 L
Supplier	GEARTH (Pty) Ltd
Address	96 Lazy River Road, Centurion, 0157, Gauteng, South Africa
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EMERGENCY CONTACTS	
GEARTH Office:	021 004 8183
Emergency Cell:	066 214 2274
2 COMPOSITION / INFORMATION ON INGREDIENTS	
Lactic Acid	CAS 50-21-5 — 1% to < 3%
Proprietary Biodegradable Surfactant Blend	N/A CAS — 5% to < 10%
Note	GHS Classification: Not classified as Hazardous.
3 HAZARDS IDENTIFICATION	
GHS Classification	Not classified as Hazardous.
Signal Word	None.
Hazard Statements	None allocated.
4 FIRST AID MEASURES	
Inhalation	Supply fresh air. Seek medical attention in case of complaints.
Skin	Wash off with soap and plenty of water. If symptoms develop seek medical attention.
Eyes	Rinse opened eye for several minutes under running water for at least 15 minutes. Seek medical attention if irritation persists.
Ingestion	Do not induce vomiting. Wash mouth out thoroughly with water. If symptoms persist seek medical attention.
5 FIRE FIGHTING MEASURES	
Extinguishing Media	Use fire extinguishing methods suitable to surrounding conditions — water spray jet, foam, dry extinguishing substance.
Combustion Hazard	Not combustible material. Following evaporation under fire conditions, non-aqueous components may decompose and/or burn.
Precautions	Fire fighters should wear self-contained breathing apparatus in positive pressure mode and full protective clothing.
6 ACCIDENTAL RELEASE MEASURES	
Emergency Procedure	Slippery when spilt — avoid accidents. Wear appropriate PPE. Increase ventilation.

Spills & Disposal	Contain the spill. Place inert absorbent material onto spillage. Collect and place into a suitable labelled container. Dispose of waste according to applicable local and national regulations. If contamination of sewers or waterways occurs, inform the local water and waste management authorities.
7 HANDLING AND STORAGE	
Safe Handling	Follow label instructions. Avoid contact with eyes. Use only in well-ventilated area. Keep containers sealed when not in use. Avoid inhalation of vapours, mists and skin or eye contact.
Storage Conditions	Store in a cool, dry, well-ventilated area, out of direct sunlight, in suitable labelled containers.
8 EXPOSURE CONTROLS / PERSONAL PROTECTION	
Occupational Exposure Limits	No exposure standards established for this material.
Respiratory Protection	Not required under normal conditions. For industrial applications: approved respirator with replaceable mist filter.
Eye Protection	Not required under normal conditions. For industrial applications: safety glasses with side shields or chemical goggles.
Hand Protection	Not required under normal conditions. For industrial applications: impervious gloves.
Body Protection	No special clothing required under normal conditions. For industrial use: cotton overalls and chemical-resistant apron.
9 PHYSICAL AND CHEMICAL PROPERTIES	
Physical State	Liquid.
Colour	Yellow.
Odour	Pine.
pH	3.5–4
Boiling Point	Not available.
Melting / Freezing Point	Not available.
Flash Point	Not available.
Flammability	Not applicable.
Explosive Properties	Product does not present an explosion hazard.
Solubility in Water	Soluble.
10 STABILITY AND REACTIVITY	
Reactivity	No decomposition if stored and applied as directed.
Chemical Stability	Stable under normal conditions of storage and handling.
Conditions to Avoid	Direct sunlight.
Incompatible Materials	No further relevant information available.
11 TOXICOLOGICAL INFORMATION	
Acute Toxicity (Product)	Not classified based on available information.
Acute Oral Toxicity — Lactic Acid	LD50 (Rat): 3,543 mg/kg (OPPTS 870.1100)
Acute Inhalation Toxicity — Lactic Acid	LC50 (Rabbit): > 7.94 mg/L, 4 h (OECD 403)
Aspiration Toxicity	Not classified based on available information.
Bioconcentration Factor	BCF: 70.79
12 ECOLOGICAL INFORMATION	

Ecotoxicity	No ecological data available for this material.
Persistence / Degradability	Not available.
Bioaccumulative	Not available.
Environmental Protection	Prevent this material entering waterways, drains and sewers.

13 DISPOSAL CONSIDERATIONS

Disposal Methods	Disposal of spilled or waste material must be done in accordance with applicable local and national regulations.
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14 TRANSPORT INFORMATION

Road and Rail	Not classified as Dangerous Goods.
Marine Transport	Not classified as Dangerous Goods.
Air Transport	Not classified as Dangerous Goods by IATA criteria.

15 REGULATORY INFORMATION

Poison Schedule	No poison schedule number allocated.
Prohibition / Licensing	None.

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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