GEARTH GEARTH PureOxy Wash

MATERIAL SAFETY DATA SHEET

Oxygen-activated laundry and fabric wash — sodium percarbonate and surfactant blend for colour-safe whitening and stain removal.

1 IDENTIFICATION OF THE MATERIAL

Product Name	GEARTH PureOxy Wash
Description	Oxygen-activated laundry wash — sodium percarbonate and surfactant blend for colour-safe whitening.
Product Packaging	1 kg, 5 kg, 20 kg
Supplier	GEARTH (Pty) Ltd
Address	96 Lazy River Road, Centurion, 0157, Gauteng, South Africa
Website / Email	www.gearth.co.za | info@gearth.co.za

EMERGENCY CONTACTS	
GEARTH Office:	**021 004 8183**
Emergency Cell:	**066 214 2274**

2 COMPOSITION / INFORMATION ON INGREDIENTS

Active Ingredient	Sodium Percarbonate
CAS Number	15630-89-4
Content %	Active oxygen-releasing compound; biodegradable surfactant blend
Classification	Oxidising solid.

3 HAZARDS IDENTIFICATION

Main Hazard	Oxidising agent; eye and skin irritant.
Health Effects – Eyes	Irritant — inflammation, redness, watering and itching.
Health Effects – Skin	Slightly irritant with prolonged exposure.
Health Effects – Inhalation	May cause respiratory irritation if dust inhaled.
Health Effects – Ingestion	Hazardous if swallowed in quantity.
Signal Word	Warning
Hazard Statements	H315 — Skin irritant. H319 — Eye irritant. H272 — May intensify fire (oxidiser).

4 FIRST AID MEASURES

Eyes	Immediately flush with running water for at least 15 minutes, keeping eyelids open. Seek medical attention.
Inhalation	Rest in a well-ventilated area. Seek immediate medical attention.
Skin	Wash immediately with plenty of water and non-abrasive soap. Cover irritated skin with emollient. Seek medical attention if irritation persists.
Ingestion	Do not induce vomiting. Loosen tight clothing. Seek immediate medical attention.

5 FIRE FIGHTING MEASURES

Flammability	Non-flammable.
Flash Point	Not applicable.

Special Remarks	Powerful oxidising agent — may ignite oxidisable materials. Keep away from combustibles. Keep container tightly closed.
Extinguishing Media	Use water to cool surrounding areas.

6 ACCIDENTAL RELEASE MEASURES

Small Spill	Use appropriate tools to collect spilled solid into waste container. Neutralise residue with dilute acetic acid if necessary.
Large Spill	Avoid contact with combustibles. Keep substance damp using water spray. Prevent entry into sewers. Neutralise residue with dilute acetic acid. Call for disposal assistance.

7 HANDLING AND STORAGE

Handling	Keep away from heat, ignition sources and combustibles. Do not ingest or breathe dust. Avoid contact with skin, eyes and incompatibles (reducing agents, acids, metals, moisture).
Storage	Store in a separate safety storage cabinet or room for oxidising materials.
Suitable Containers	HD Polyethylene containers.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits	Not available.
Engineering Controls	Use local exhaust ventilation to keep airborne dust below recommended limits.
Eye Protection	Splash goggles — recommended.
Skin Protection	Gloves — recommended.
Respiratory Protection	Dust respirator — recommended.

9 PHYSICAL AND CHEMICAL PROPERTIES

Form	Powder/granule.
Appearance & Colour	White crystalline solid.
Odour	Odourless.
pH (1% solution)	Approx. 10 (Basic)
Solubility	Soluble in hot water; partially soluble in cold water.
Vapour Pressure	Not applicable.
Stability	Stable product.

10 STABILITY AND REACTIVITY

Stability	Product is stable.
Incompatibility	Highly reactive with reducing agents and acids. Reactive with organic materials, metals and moisture.
Corrosivity	Corrosive in presence of aluminium, zinc and copper.

11 TOXICOLOGICAL INFORMATION

Routes of Entry	Eye contact, inhalation and ingestion.
Acute Oral Toxicity	LD50 (Mouse): 2 200 mg/kg
Other Toxic Effects	Irritating to mucous membranes and upper respiratory tract.

12 ECOLOGICAL INFORMATION

Biodegradability	Degrades to oxygen, water and sodium carbonate — environmentally benign breakdown.
Ecotoxicity	Not available.

13 DISPOSAL CONSIDERATIONS

Disposal Methods	Contact local waste management authority for guidance.
Container Disposal	Contact local waste management authority.

14 TRANSPORT INFORMATION

DOT Classification	CLASS 5.1 — Oxidising material.
UN Number	UN 1479
Identification	Oxidising Solid, n.o.s. (Sodium Percarbonate) — UN1479, PG III

15 REGULATORY INFORMATION

EEC Hazard Classification	R38 — Irritating to skin. R41 — Risk of serious damage to eyes.
Protective Equipment	Gloves, dust respirator, splash goggles.
OSHA	Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

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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