GEARTH

SAFETY DATA SHEET
PureOxy Wash

GHS REV 10

1 Identification

Product identifier	PureOxy Wash
Other means of identification	No data available
Recommended use	Eco-friendly multi-enzyme oxygen bleach washing powder.
Restrictions on use	No data available
Supplier	GEARTH (Pty) Ltd, 96 Lazy River Road, Centurion 0157, Gauteng, South Africa
Telephone	012 004 8183 | info@gearth.co.za
Emergency telephone number	**066 214 2274 (24 hours)**

2 Hazards identification

2.1 Classification of the substance or mixture

GHS classification	Not classified under GHS Rev 10 by the source data. Source assessment: main hazard irritant — irritant to eyes, skin and on inhalation.

2.2 Label elements

Hazard pictograms	No data available
Signal word	No data available
Hazard statements	No data available
Precautionary — prevention	Avoid dust formation; avoid ingestion and inhalation; keep away from combustible materials (source handling precautions).
Precautionary — response	No data available
Precautionary — storage	No data available
Precautionary — disposal	No data available

2.3 Other hazards

OTHER HAZARDS DISCLOSURE

Flammable hydrogen gas may be produced on prolonged contact with materials such as aluminium, tin, lead and zinc (source data).

3 Composition / information on ingredients

Ingredient	CAS no.	EC no.	Conc. % (w/w)	Classification
Sodium carbonate	497-19-8	No data available	<50%	No data available
Sodium metasilicate pentahydrate	10213-79-3	No data available	<10%	No data available
Sodium percarbonate	15630-89-4	No data available	<5%	No data available
Total			**100**	

Exact composition percentages are withheld as a trade secret in accordance with the HCA Regulations, 2021. The classification of withheld components is reflected above.

4 First-aid measures

4.1 Description of first-aid measures

Inhalation	Remove to fresh air.
Skin contact	Wash with water. If irritation persists, seek medical help.
Eye contact	Irritant; burns possible. Flush eyes with water and seek medical help.
Ingestion	Clean mouth with water and drink plenty of water afterwards. Seek medical help if symptoms persist.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects	Irritation of eyes (possible burns), skin and respiratory tract; precautions may be needed for persons with sensitive skin.

4.3 Indication of any immediate medical attention and special treatment needed

Medical attention	Treat symptomatically.

5 Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	Water spray or fog, CO_2 powder, dry chemical, chemical foam.
Unsuitable extinguishing media	No data available

5.2 Special hazards arising from the substance or mixture

Specific hazards / hazardous combustion products	None (source data).

5.3 Advice for firefighters

Protective equipment for firefighters	Protective clothing (MSHA/NIOSH approved).

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures	Ensure adequate ventilation (breathing apparatus for fire only).
Environmental precautions	Do not flush into sewer.
Methods and material for containment and cleaning up	Small spills: scrape up and return to original container. Large spills: soak up with inert absorbent material (sand, silica gel, acid binder, sawdust) and clean as per government regulations.

7 Handling and storage

7.1 Precautions for safe handling

Safe handling	Avoid dust formation; avoid ingestion and inhalation; keep away from combustible materials.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions	Store in a cool, dry location, away from foodstuffs and oxidising agents.
Packaging	5 kg and 20 kg.
Shelf life	No data available
Incompatibilities	No data available

8 Exposure controls / personal protection

8.1 Control parameters — occupational exposure limits

Substance	OEL type	Value	Source
Product as supplied	—	Nil established (source statement)	HCA Regs 2021 Annexure 2

8.2 Appropriate engineering controls

Engineering controls	Ensure adequate ventilation, especially in confined areas. Eyewash stations and safety showers close to the workstation.

8.3 Individual protection measures

Eye / face protection	Protective eyeglasses or chemical safety goggles.
Skin / hand protection	Appropriate gloves and protective clothing to prevent skin exposure. Glove material: No data available; breakthrough time: No data available
Respiratory protection	Approved respirator (per OSHA 29 CFR 1910.134 / EN 149) if exposure limits are exceeded or if irritation or other symptoms are experienced. Filter type: No data available
Thermal hazards	No data available

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Powder
Colour	White
Odour	Fragranced
Melting point / freezing point	Not determined (source data)
Boiling point or initial boiling point and boiling range	Not applicable per source
Flammability	Not classified; auto-flammability not determined
Lower and upper explosion limit / flammability limit	No data available
Flash point	Not applicable per source
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH (concentration and temperature stated)	5.5 – 6.5 (concentration and temperature not stated in source data)
Kinematic viscosity	No data available
Solubility	No data available
Partition coefficient n-octanol/water (log Kow)	No data available
Vapour pressure	No data available
Density and/or relative density	No data available
Relative vapour density	No data available
Particle characteristics	Powder; avoid dust formation

9.2 Other information

Explosive properties	Not applicable per source
Oxidising properties	No data available
Bulk density	No data available
Active solids	No data available

10 Stability and reactivity

Reactivity	No data available
Chemical stability	Product is stable.
Possibility of hazardous reactions	No data available
Conditions to avoid	No data available
Incompatible materials	Acids; fluorine. Flammable hydrogen gas may be produced on prolonged contact with aluminium, tin, lead and zinc.
Hazardous decomposition products	None under normal use conditions.

11 Toxicological information

Likely routes of exposure	Inhalation of dust; skin and eye contact; ingestion.
Symptoms related to exposure	Irritant on skin and eye contact and inhalation.
Delayed and chronic effects	Nil (source data).

Numerical measures of toxicity

Endpoint	Species	Route	Value
LD50 (acute oral)	Mouse	Oral	2200 mg/kg (source data)

Source states acute toxicity: not toxic; the numerical value is quoted by the source under toxicity to animals.

Acute toxicity — dermal	No data available
Acute toxicity — inhalation	No data available
Skin corrosion / irritation	Irritant (source data; not classified).
Serious eye damage / irritation	Irritant (source data; not classified).
Respiratory sensitisation	No data available
Skin sensitisation	No data available
Germ cell mutagenicity	Nil (source data).
Carcinogenicity	Nil (source data).
Reproductive toxicity	Nil (source data).
STOT — single exposure	No data available
STOT — repeated exposure	No data available
Aspiration hazard	No data available

12 Ecological information

Aquatic toxicity

Species	Endpoint	Value	Duration
Fish	Acute toxicity	Unknown (source statement)	No data available
Daphnia	Acute toxicity	Unknown (source statement)	No data available
Algae	Acute toxicity	Unknown (source statement)	No data available

Source reports qualitative statements only; no numerical endpoints, test methods or durations given.

Persistence and degradability — method	No data available
Persistence and degradability — result	Biodegradable (source statement).
Bioaccumulative potential	Nil (source statement).
Mobility in soil	No data available
Other adverse effects	No data available

13 Disposal considerations

Waste residues	No data available
Disposal methods	Dispose of in accordance with local legislation.
Contaminated packaging	No special precautions (source data).
Waste classification (NEM:WA 59 of 2008, GN R635)	No data available

14 Transport information

Mode	UN no.	Proper shipping name	Class	PG
Road (SANS 10228 / ADR)	Void (source)	Void (source)	Void (source)	Void (source)
Rail (RID)	Void (source)	Void (source)	Void (source)	Void (source)
Sea (IMDG)	No data available	No data available	No data available	No data available
Air (IATA)	No data available	No data available	No data available	No data available

Marine pollutant	No (source data).
Transport in bulk (IMO instruments)	Not applicable
Special precautions for user	Not applicable per source.

15 Regulatory information

Safety, health and environmental regulations specific to the product	Occupational Health and Safety Act 85 of 1993; Regulations for Hazardous Chemical Agents, 2021; NEM:WA 59 of 2008; No additional product-specific national regulations identified by the source.
NRCS VC 8054 status	No data available
Ecolabel certification	No data available
Chemical safety assessment	No data available

16 Other information

Date of preparation	18 August 2026
Latest revision	Rev 1.0, 18 August 2026
Summary of changes	First GEARTH issue (Rev 1.0). Safety content transferred unchanged from the source manufacturer's MSDS (revised 1 May 2025); no data re-tested or re-derived.
Full text of hazard (H) statements	No data available
Full text of precautionary (P) statements	No data available
Key to abbreviations	GHS — Globally Harmonized System; OEL — occupational exposure limit; STOT — specific target organ toxicity; PG — packing group; SG — specific gravity; CAS — Chemical Abstracts Service; HCA — hazardous chemical agents.
Classification method	Hazard information carried over from the source manufacturer's assessment (pre-GHS format). Classification against UN GHS Rev 10 criteria to be confirmed.
Training advice	Use only according to the instructions for use. Personnel handling the concentrate should be familiar with the first-aid and spill measures in Sections 4 and 6.
Disclaimer	This information is based on present knowledge and describes the product for the purposes of health, safety and environmental requirements only. It does not constitute a guarantee of the properties of the product. Final determination of suitability for any use is the sole responsibility of the user.

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SIGN-OFF

Prepared by	GEARTH (Pty) Ltd
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Revision	1.0 (18 August 2026)
Supersedes	None — first GEARTH issue
Next review	August 2028