

GEARTH

GEARTH PureOxy Stain

Eco-Friendly Oxygen Stain Remover | Colour Safe | Septic & Sewer Safe

Form: Powder — 30 g Sachets 100 per Box	Safe For: Colours Septic Systems Wastewater Bio-Enzyme Products	Shelf Life: 12 Months EcoChoice Approved
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PRODUCT DESCRIPTION

GEARTH PureOxy Stain is a powerful, eco-friendly oxygen-based stain remover in powder form. It is particularly effective for tackling tough stains and brightening clothes in add-on laundry applications, as well as overnight bucket soaking of mops, rags, cloths, stained cutlery and more. It is eco-friendly, septic tank safe, readily and quickly biodegradable, colour safe, and non-toxic.

When dissolved in water, GEARTH PureOxy Stain rapidly releases large quantities of micro oxygen bubbles. These oxygen bubbles penetrate fabric fibres and surfaces to break down dirt, odours and germs at a molecular level — without the corrosive damage associated with chlorine bleach. The by-products of this process are safe for septic systems, wastewater systems and all bio-enzyme product applications.

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GEARTH PUREOXY STAIN vs REGULAR CHLORINE BLEACH

Characteristic	GEARTH PureOxy Stain	Regular Chlorine Bleach
Active Ingredient	Oxygen-based — safe, eco-friendly	Sodium hypochlorite — dangerous, corrosive
Colour Safety	Colour safe — brightens all colours; will not bleach white spots onto dyed fabrics	Only effective on whites; bleaches and damages coloured fabrics
HACCP Colour Coding	Ideal — colour safe for HACCP colour-coded mops, cloths and equipment	Not suitable — destroys colour coding through bleaching
Fibre Preservation	Does not break down mop and cloth fibres — greatly extends service life and reduces replacement costs	Progressively destroys fibres over time — significant ongoing replacement costs
Septic & Sewer Safety	Safe for septic and sewer systems — by-products are benign; does not harm beneficial bacteria	Corrosive to plumbing; kills bacteria in septic and sewer systems; can cause system blockage and failure
Mixing Safety	Safe for use with laundry detergents — no harmful by-products created	When mixed with certain detergents, produces a dangerous, highly toxic gas
Toxicity	Non-toxic	Toxic and corrosive — requires careful handling
Biodegradability	Readily and quickly biodegradable	Not biodegradable in the same manner

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KEY FEATURES & BENEFITS

- Powerful oxygen-release stain removal — removes tough organic and synthetic stains
- Excellent fabric brightening agent
- Colour safe — will not bleach or run colours; ideal for HACCP colour-coded items

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- Preserves mop and cloth fibres — significantly extends service life
- Removes organic stains: food, drink, grass, dirt and bodily fluids
- Also effective on synthetic oil stains and greases
- Safe for use with GEARTH laundry detergents — no harmful by-products
- Septic tank and sewer system safe — does not harm beneficial bacteria
- By-products safe for all bio-enzyme product applications
- Eco-friendly, non-toxic and readily biodegradable
- Highly versatile — clothing, mops, rags, cloths, cutlery and more
- Convenient sachet format — 30 g per sachet, 100 sachets per box
- EcoChoice Approved

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APPLICATIONS

- **Laundry — Add-On Treatment:** Added to the existing detergent dose to boost stain removal and brightening in standard wash cycles
- **Clothing Stain Removal:** Pre-treatment and soaking of stained garments and uniforms — food, drink, grass, dirt, bodily fluids, oil and grease stains
- **Mop & Cloth Soaking:** Overnight bucket soaking to deep-clean, deodorise and brighten mops, rags and cleaning cloths — ideal for commercial cleaning contractors
- **Cutlery & Utensils:** Soaking of stained cutlery and food service items
- **HACCP Colour-Coded Items:** Safe brightening and sanitising of colour-coded mops, cloths and equipment without bleaching colour identifiers
- **Hospitality & Institutional Laundry:** Hotels, hospitals, aged care, schools, mines and catering operations
- **Facilities Connected to Septic Systems:** Safe for use wherever chlorine bleach would damage the plumbing or biological balance of the system

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DIRECTIONS FOR USE & DOSAGE

Application	Light Soiling	Heavy Soiling	Method
Laundry (add-on)	30 g (1 sachet)	Up to 4 sachets (120 g)	Add to existing detergent dose
Mop & Cloth Soaking	30 g (1 sachet)	Up to 4 sachets (120 g)	Dissolve in water; soak overnight
Stained Cutlery	30 g (1 sachet)	Up to 4 sachets (120 g)	Dissolve in water; soak as required

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SEPTIC & SEWER SYSTEM SAFETY

Experts recommend avoiding chlorine bleaches in plumbing systems as sodium hypochlorite is corrosive and can damage septic and sewer systems that rely on bacterial microorganisms to break down solids and maintain biological

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TECHNICAL DATA SHEET
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balance. Chlorine bleach kills these bacteria — and without them, solids will not break down, leading to system blockage, backup or complete sewer system failure.

GEARTH PureOxy Stain produces only benign by-products — it does not harm the beneficial bacteria in septic and sewer systems, and is fully compatible with all bio-enzyme products in the GEARTH range.

7 TECHNICAL SPECIFICATIONS

Physical State	Powder
Appearance	Not Specified
Specific Gravity	Not Specified
pH	Not Specified
Solubility	Water soluble — dissolve in water prior to use; rapidly releases micro oxygen bubbles on contact with water
Odour	Not Specified
Flash Point	Not Specified
Boiling Point	Not Specified
Active Mechanism	Oxygen release — micro oxygen bubbles break down dirt, odours and germs at a molecular level
Stain Types	Organic stains (food, drink, grass, dirt, bodily fluids) and synthetic oil stains and greases
Colour Safety	Colour safe — will not bleach dyed fabrics; removes dirt and brightens all colours; suitable for HACCP colour coding
Fabric Safety	Does not break down mop and cloth fibres — preserves service life; avoid use on wool and silk
Ideal Conditions	Very hot water and longer exposure times for best results
Septic Safety	Safe for septic tanks, sewer systems and all bio-enzyme product applications — does not harm beneficial bacteria
Detergent Compatibility	Safe for use with GEARTH laundry products — no harmful by-products created
By-Products	Benign — safe for septic systems, wastewater systems and bio-enzyme applications
Toxicity	Non-toxic

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Biodegradability	Readily and quickly biodegradable
Packaging Unit	30 g sachets — 100 sachets per box

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STORAGE & SHELF LIFE

Shelf Life	12 months from date of manufacture.
Storage Conditions	Store at ambient temperature, away from direct sunlight and moisture. Keep sachets and container sealed when not in use.

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PACKAGING

Pack Size	Description
30 g sachet	Single use sachet — standard unit
Box of 100 sachets	Standard commercial supply unit — 100 × 30 g sachets per box

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ENVIRONMENTAL INFORMATION

- Readily and quickly biodegradable — eco-friendly oxygen-based formula.
- Non-toxic — by-products are benign and safe for all waste water streams.
- Does not harm beneficial bacteria in septic tanks, sewer systems or bio-enzyme treatment applications.
- Safe alternative to corrosive and environmentally damaging chlorine bleach.
- Extends mop and cloth service life — reduces textile waste and procurement cost.
- EcoChoice Approved.

The information contained in this Technical Data Sheet is based on data believed to be accurate at the time of publication. GEARTH (Pty) Ltd reserves the right to update or revise specifications without prior notice. Users are responsible for determining the suitability of this product for their specific application. Always handle cleaning products in accordance with applicable health, safety and environmental legislation. Always test on a small inconspicuous area before full application. Not suitable for wool, silk or very delicate fabrics. Do not iron or heat-dry fabrics with stains still present.