

Type: Oxygen Bleach Washing Powder 3-Enzyme System	Free of: Phosphates Chlorine Optical Brighteners EDTA Dyes	Certifications: Greenpath Eco-Seal EcoChoice UKAS / Intertek
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PRODUCT DESCRIPTION

GEARTH PureOxy Wash is a highly concentrated, eco-friendly washing powder formulated with a special blend of proprietary biodegradable components. It combines the powerful whitening and brightening action of fabric-safe oxygen bleaching agents with a highly advanced 3-enzyme system — a unique synergistic blend of **Protease, Alpha-amylase and Lipase** enzymes — to remove the very toughest stains and greases with ease.

GEARTH PureOxy Wash delivers excellent results at low cost in use. It is gentle on all fabrics and does not run colours. The formula works effectively at lower temperatures with fewer chemicals, saving both water and energy. It is ideal for home, heavy duty industrial and institutional laundry applications.

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3-ENZYME SYSTEM

Enzyme	Primary Function	Stain Types Targeted
Protease	Breaks down protein-based soils	Blood, egg, dairy, meat, grass, body soils
Alpha-amylase	Breaks down starch-based soils	Starchy foods, sauces, gravy, baby food, chocolate
Lipase	Breaks down fat and oil-based soils	Cooking oils, greases, body fats, lipstick, cosmetics

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KEY FEATURES & BENEFITS

- Fabric-safe oxygen bleaching agents — natural whitening and brightening
- Advanced 3-enzyme system (Protease, Alpha-amylase, Lipase) for wide stain coverage
- Excellent stain removing properties across a broad range of stain types
- Odour eliminating enzymes for lasting freshness
- Proprietary anti-redeposition agents prevent soils re-settling on clean fabric
- Fabric and colour safe — does not run colours
- Natural fabric softening agents prevent pilling and fuzziness
- Highly concentrated — highly economical cost in use
- Effective from 30°C to 60°C — saves water and energy at lower temperatures
- Cutting-edge water softening agents — suitable for hard water environments
- Biodegradable phosphate-free formula
- Free of phosphates, chlorines, chlorine bleaches, optical brighteners, EDTA and dyes
- Benefits septic tanks and wastewater systems
- Ideal for home, heavy duty industrial and institutional applications
- Greenpath Certified Eco-Seal | EcoChoice Approved | UKAS / Intertek certified

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APPLICATIONS

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GEARTH PureOxy Wash is suitable for a wide range of laundry applications across domestic, commercial and industrial environments, including: residential and home laundry; commercial and institutional laundry operations (hospitality, healthcare, aged care and accommodation); heavy-duty industrial workwear and overalls; mining and industrial PPE and uniforms; food processing and catering linen; and facilities connected to septic tanks, greywater or wastewater systems where conventional phosphate-based powders are unsuitable.

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DIRECTIONS FOR USE

Soil Level	Dose (per measuring cup)	Machine Type Adjustment
Light to Medium Soiling	15 ml to 25 ml	Decrease dosage for front loaders; increase for top loaders
Medium to Heavy Soiling	25 ml to 50 ml	Increase dose for very heavy soiling; decrease for lighter loads

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STAIN REMOVAL BEST PRACTICES

- **Treat immediately:** Always treat stains as soon as they occur. The longer a stain is left untreated, the more difficult it becomes to remove.
- **Paste pre-treatment:** Make a paste using cold water and GEARTH PureOxy Wash. Rub the paste directly onto the stain and work it gradually and deeply into the fabric using a soft-bristled brush. Leave in for 30 minutes to 1 hour.
- **Overnight soak for heavy stains:** For extremely heavy stains and soiling, soak the garment overnight in hot water (up to 60°C), using 1 heaped scoop (approximately 180 ml) of GEARTH PureOxy Wash per 10 litres of water.
- **Wash as normal:** Launder the garment at the appropriate wash cycle.
- **Important — do not heat-set a stain:** Never iron or tumble dry a garment if a stain is still present after washing — heat can permanently set the stain into the fabric. Repeat the pre-treatment process until the stain is fully removed.

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TECHNICAL SPECIFICATIONS

Physical State	Powder
Appearance	Not Specified
Specific Gravity	Not Specified
pH	Not Specified
Solubility	Water soluble — dissolves in wash water
Odour	Not Specified
Flash Point	Not Specified

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Boiling Point	Not Specified
Bleaching Agent	Fabric-safe oxygen bleaching agents — natural whitening and brightening; does not run colours
Enzyme System	3-enzyme system: Protease (protein stains), Alpha-amylase (starch stains) and Lipase (fat and oil stains)
Odour Control	Odour eliminating enzymes included in the formulation
Anti-Redeposition	Proprietary multiple anti-redeposition agents prevent soils re-settling on cleaned fabric
Fabric Care	Natural fabric softening agents prevent pilling and fuzziness; colour safe
Water Softening	Cutting-edge water softening agents — effective in hard water environments
Operating Temperature	30°C to 60°C; maximum 65°C; optimum stain removal at 60°C
Concentration	Highly concentrated — economical cost in use
Phosphate Content	Phosphate free
Chlorine Content	Free of chlorine and chlorine bleaches
Optical Brighteners	Free of optical brighteners
EDTA Content	EDTA free
Dyes	Dye free
Biodegradability	Biodegradable enzyme formulation
Wastewater Benefit	Beneficial for septic tanks and wastewater systems
Certifications	Greenpath Certified Eco-Seal EcoChoice Approved UKAS / Intertek

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STORAGE & SHELF LIFE

Shelf Life	Not Specified — contact GEARTH (Pty) Ltd for confirmation.
Storage Conditions	Store in a cool, dry place away from direct sunlight and moisture. Keep container sealed when not in use.

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PACKAGING

GEARTH

GEARTH PureOxy Wash

Concentrated Eco-Friendly Oxygen Bleach Washing Powder | 3-Enzyme System

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Packaging	Packaging sizes not specified in source documentation. Contact GEARTH (Pty) Ltd for available pack sizes and bulk supply options.
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ENVIRONMENTAL INFORMATION

- Biodegradable enzyme formulation — actively benefits septic tanks and wastewater systems.
- Phosphate free — eliminates the risk of waterway eutrophication from laundry discharge.
- Free of chlorine, chlorine bleaches, optical brighteners, EDTA and dyes — reduced chemical load in wastewater.
- Works effectively at lower temperatures (30°C) — reduces energy and water consumption.
- Highly concentrated formula — reduces packaging waste and transport carbon footprint per wash cycle.
- Greenpath Certified Eco-Seal.
- EcoChoice Approved.
- UKAS / Intertek certified.

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. Dosage rates are guidelines only — adjust based on soil level, machine type and water hardness. Do not exceed 65°C. Never iron or tumble dry garments with stains still present.