



OPTIMUS BIO

GREENER TOGETHER

**Development and manufacture
of eco-friendly biological products**

*Cleaning and sanitation • Water treatment
Agriculture • Aquaculture • Bioremediation*

About OptimusBio

OptimusBio provides earth-friendly biological products and solutions to improve:

- use of green cleaning and sanitation products
- water treatment efficiency and sustainability
- bio-remediation of industrial wastes and effluents
- agriculture practices and sustainability
- aquaculture productivity and sustainability
- quality of life associated with rural sanitation

OptimusBio helps develop our economy:

- Readily available product supply
- Access to technical support
- Cost benefits from local manufacturing base
- Job creation and economic growth
- BBBEE
- OptimusBio products are based on proprietary technologies under license from the CSIR

OptimusBio's technology

We use natural eco-friendly bacteria that:

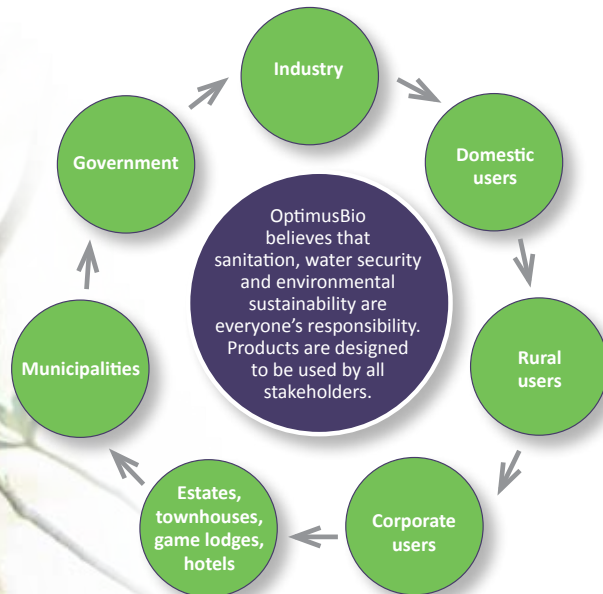
- produce several cleaning and bioremediation enzymes
- clean surfaces, systems, water and soil by reducing wastes such as ammonia, nitrite, nitrate, phosphate and COD
- clean and treat food fats and oils
- clean and treat mineral based fuels, oils and greases
- competitively exclude certain pathogenic organisms
- digest solids and improve water clarity
- reduce odours
- reduce propensity for flies


Our bacteria are:

- proven safe
- produced with state-of-the-art pure-strain production processes
- quality controlled throughout the process
- stable, tested and proven to work



OptimusBio's dream is to maximise our "GREENER TOGETHER" ethos



A hand is shown holding a small, white, rectangular tablet over a glass beaker containing a bright green liquid. The background is a blurred laboratory setting with other glassware and equipment. The overall scene suggests a scientific or medical context, likely related to the text about an earth-friendly alternative.

An earth-friendly affordable alternative for those that care!

- Our products replace harsh chemicals and pollutants
- Simple to use, while you do your bit for a greener tomorrow
- An affordable value offering
- Enhances natural biological processes from the time of use
- Improves sustainability and competitiveness of industry
- Reduces facility maintenance and life cycle costs
- Reduces growth and transfer of pathogenic disease causing organisms
- Improves the dignity and quality of life of those facing rural sanitation challenges
- Preserves our environment and water resources

OPTIMUS PURE



OPTIMUS PURE is a range of earth-friendly products designed to meet commercial and domestic cleaning needs:

- The ingredients used in our earth-friendly cleaning products are 100% biodegradable
- Products are optimised for functionality and affordability
- Selected products, based on application, contain natural bacteria that produce cleaning enzymes
- Our bacteria clean surfaces and crevices, keep traps and drains clean, reduce odour and start the water treatment process at source
- Our bacteria can outcompete other troublesome organisms such as mildew and pathogens

- **MULTI TASK CLEANER**
a multi-purpose cleaner for all washable surfaces
- **SPRAY AND WIPE**
a versatile hard surface cleaner that shines and protects
- **FLOOR CLEANER**
cleans all washable floor surfaces
- **FLOOR FINISHER**
for finishing and protecting all floor surfaces
- **FABRIC AND ROOM FRESHNER**
a fragrance with subtle notes of nature
- **DISHWASHING LIQUID**
cleans dishes to a sparkling shine



OPTIMUS CARE

OPTIMUS CARE is a range of gentle earth-friendly products for personal care:

- Bath and shower washes for gymnasiums, hostels, schools and homes
- Hand washes for institutional and home use
- Hair care products
- Skin care products
- Anti-bacterial sanitizers



OPTIMUS ECO

OPTIMUS ECO is a range of water treatment and sanitation products that offer industry, effluent treatment plants and rural households access to eco-friendly biological alternatives:

- **BIOFIT** for treatment and odour control of rural pit-latrines
- **DRAIN GRANULES** for cleaning and odour control of traps, drains and pipes
- **URINAL BLOCKS** for cleaning and odour control of urinals
- **EFFLUENTS SEPTIC TABS** for the treatment of septic tanks and French drain systems
- **EFFLUENTS SEWAGE** for bio-augmentation and enhancement of sewage treatment processes
- **EFFLUENTS HC** for bio-remediation of contamination from mineral oils, fuels and greases
- **EFFLUENTS VOF** for treatment of fat traps and bio-remediation of food fats, oils and greases

OPTIMUS MOTION



OPTIMUS MOTION is a range of products catering for the automotive industry and motor enthusiasts:

- Industrial automotive cleaning products
- Premium detailer's quality car care products
- Protectants and special application finishers
- Engine cleaners and degreasers
- Workshop and garage cleaners
- Window and glass cleaners
- Waterless quick detailers

OPTIMUS INDUSTRIAL

OPTIMUS INDUSTRIAL is a range of products and ingredients tailor-made to specific industry needs:

- Water and sanitation
- Hotel and catering
- Automotive
- Cleaning services
- Rural sanitation and service delivery
- Aquaculture reticulated filtration and probiotics
- Agriculture growth stimulation and biological control
- Mining
- Medical





OPTIMUS BIO

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