

BIOBASE IS A 100% BIOLOGICAL-BASED ROAD STABILISER AND DUST SUPPRESSION PALLIATIVE

BioBASE – The Future of Road Stabilization

BioBASE is an innovative, biological-based solution developed to revolutionize how we build and maintain gravel roads. Engineered in South Africa, **BioBASE** provides an eco-friendly alternative to traditional dust suppression and road stabilization methods.

This advanced, multi-enzymatic formulation enhances soil strength, density, and durability, delivering a cost-effective and sustainable approach to road construction. By binding soil particles more effectively, **BioBASE** not only prevents dust but also creates a stable road surface that withstands climatic challenges.

With **BioBASE**, roads last longer, require less maintenance, and reduce environmental impact, making it the smart choice for the future of infrastructure.

BioBASE provides a cost-effective and environmentally friendly alternative to conventional stabilizers such as cement or bitumen, making it particularly suitable for projects prioritizing sustainability and long-term performance.

With **BioBASE**, you're not just building roads - you're building a sustainable future.



BIOBASE WAS DEVELOPED THROUGH INNOVATIVE BIO-ENGINEERING TECHNIQUES

- 🚛 Significant cost savings compare to conventional methods
- 🚛 Minimal maintenance sprays
- 🚛 Developed for gravel and mine haulage roads (permanent and temporary)
- 🚛 Entirely non-toxic and completely environmentally friendly
- 🚛 Thoroughly researched and tested

BIOBASE ENZYMES HERALD IN A NEW ERA OF DUST SUPPRESSION INNOVATION, WHERE NATURE'S OWN BIO-CATALYSTS PAVE THE WAY FOR CLEANER, SAFER, AND MORE SUSTAINABLE ENVIRONMENTS.



ECO SUSTAINABLE PRODUCT
100% Environmentally Friendly

BIOBASE IS NON-TOXIC, NON-CORROSIVE AND MADE FROM 100% NATURAL RAW MATERIAL

BENEFITS

- Enhanced dust control efficiency
- Non-corrosive & non-toxic
- Promotes biodiversity
- Reduces in CO₂ emissions
- Reduces carbon footprint (both in production and use)
- Prolific water savings
- Environmentally safe
- Cost effective

BioBASE – Smarter, Stronger, Sustainable Roads

With **BioBASE**, you can transform any soil type into a strong, durable road base designed to last. Specially blended for your unique soil conditions, **BioBASE** doesn't just stabilize roads – it strengthens them.

Why Choose BioBASE?

- Builds durable gravel roads that resist water penetration and harsh weather.
- Reduces maintenance cycles and cuts labour costs.
- Boosts density and load-bearing capacity for heavy-duty use.
- Exclusive to I-CAT – guaranteed quality and performance.

BioBASE is the smarter, eco-friendly alternative that delivers stronger roads, lower costs, and longer-lasting results.

