



**ADVANCE**  
INDUSTRIES

Nature in a bottle

# Ergofito

Cost effective bio-remedial agent  
Brought to you by Advance Industries





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INDUSTRIES

# Overview

Experience the  
difference



Researched and developed over 36 years by Italian Scientists at the University of Bologna, Ergofito products set the standard in the field of environmental remediation. The full range of Ergofito products is manufactured and globally distributed from our factory in Cape Town. Traditional chemical solutions are notoriously harsh, dangerous and expensive. In addition, these chemical solutions often give rise to undesirable side-effects and a whole range of additional problems such as costly, challenging logistics, and health and safety measures. Instead, we offer "Nature in a Bottle". Ergofito products are safe, easy to handle and use, and boast long shelf lives. This range of products contain our proprietary Ergofito Micro Concentrate, a 100% natural and environmentally friendly Bacteria-enzymatic blend. Ergofito is Earth's natural biological remediator.

# What sets Ergofito apart?

Ergofito Micro Concentrate contains a complete set of naturally occurring, living biological microbes – something few, if any, can claim to have at this time. What this means, is that when the right proportion of enzymes and bacteria is present, they are able to live in harmony, without competition between the colonies and subsequent die off. Most other companies out there have not managed to harness this harmony in a complete set of microbiology, and, as in nature, when there is imbalance, things do not survive. This is not the case with Ergofito Micro Concentrate microbial blend, which, when deployed, thrives in the natural elements and continues to provide a tiny ecosystem of waste processing microbes.

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# What sets Ergofito apart?

A distinct feature in any of our products, is that they will not only breakdown the hydro-carbons, but they will continue the remediation process whereby all the organics are converted into humic content, which is the only way the remediation can be completed.

It is worthwhile noting that the Ergofito Micro Concentrate microbes are completely naturally occurring. They are not modified in any way – and as such, we are simply re-introducing microbes that should already be in the soil, but which have been destroyed by human elements.

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# Solution Management

We offer cost effective, highly efficient and environmentally friendly solutions to the agricultural and industrial sectors. Ergofito is actively deployed in many industries globally which include the following fields:



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# Major Categories

## Hydrocarbon Remediation

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Oil Spills, Mine Dumps, Pit Closures, Leaks, Tank Cleaning, Soil & Water Contamination, FireFighting

## Mining & Dust Control

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Soil Rehabilitation, Underground & Above Ground Dust Control, Fire Fighting

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## Waste Water Treatment

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Industrial & Municipal Waste Water Treatment, Fat, Oil & Grease Remediation, Lakes & Rivers

## Human Health

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Probiotic Dietary Supplements

## Agriculture & Animal Health

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Soil Restoration, Plant Disease, Veterinary Solutions, Seeds

## Pest Control

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Mosquitoes, Flies, Agricultural Pests



# Hydrocarbon Remediation

Hydrocarbons in whatever form are generally the most common contaminant that requires remediation due to their widespread occurrence and the risks they pose to humans, animals, environmental and all living organisms.

*Ergofito is the most efficient and cost-effective method of remediation for soil, fresh or seawater contaminated by hydrocarbons.*

Upon application Ergofito bacteria begin attacking hydrocarbons and converting them to humus, rendering them a clean, healthy organic fertiliser.

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# Waste Water Treatment

We offer the most efficient and cost effective way to treat both industrial and municipal waste water in a completely environmentally friendly manner.

**Approved by the EPA and able to handle any size of water treatment plant.**

- Eliminate pathogens & odours
- Decrease FOG and rapidly decompose solids
- Improved plant efficiency
- 95% decrease in total phosphorous and dissolved Nitrogen
- Produce Agricultural grade water free from pathogens

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# Agriculture & Animal Health

## Plant range of products:

- Restore overworked land
- Accelerate plant development & improve yields
- Improve plant resilience to disease and environmental factors (such as drought)

## Veterinary Range of products:

- Improve animal health
- Improve feed conversion
- Improve yield
- Combat common ailments (hoof rot, crypto, ocular disease)

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# Mining & Dust Control

- Allow for rapid rehabilitation of mine dumps into arable land
- Decrease Dust by 85% compared to conventional methods (surface & underground)
- Improve Road integrity
- Use up to 98% less water for dust control
- Remove Hydrocarbons
- Onsite Waste Water Remediation



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# Human Health

Rhizo Health has successfully alleviated many illnesses such as: gout and inflammation, ulcers and heartburn, wound infection, lung infection, athlete's foot and many others. It does this simply by boosting your body's immune system in a natural way.

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# Pest Control

Mozzi-ology provides the most efficient and cost-effective method of mosquito control - eliminating mosquitos in an area in a completely natural and environmentally friendly way.

- 100% Harmless to human, pets, plants and other insects
- Decreases mosquito population by 90% within 10 days

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# Fire Fighting

- It has been proven to be extremely beneficial as a fire-fighting mechanism - outperforming water, foam and other chemical retardants.
- The bacteria is able to reduce the time taken to extinguish the fire, reduce the amount of water required and thereby allow for smaller pumping arrangements, reduce the numbers of firefighters required, prevent re-combustion/reignition, reduce smoke and chemical emissions.
- The product is also exceptionally penetrating and is able to go places water cannot get to.

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# Certification

✓ **South Africa**

✓ **USA**

✓ **New Zealand**

✓ **Nigeria**

✓ **Hong Kong & China**

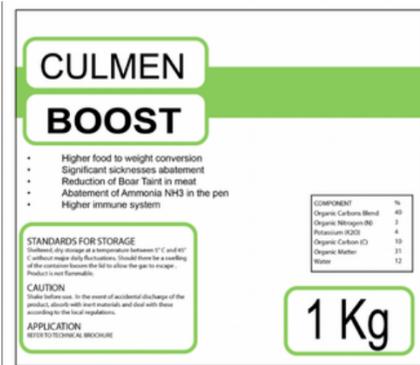
✓ **Saudi Arabia**

✓ **Oman**

✓ **Europe**

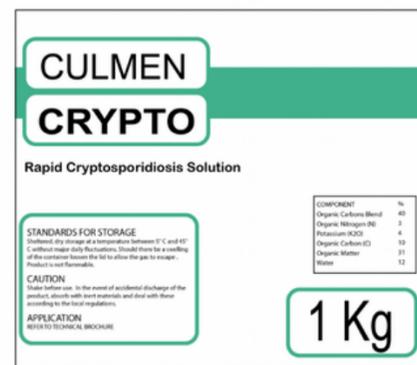
✓ **Kuwait**

# Products



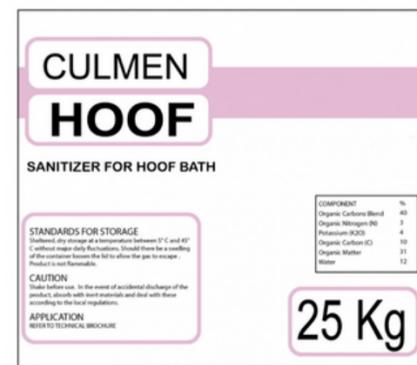
## CULMEN BOOST

Is a natural precisely formulated additive to assure that pigs stays healthy throughout their growth cycle from piglet to baconer.: Culmen Boost



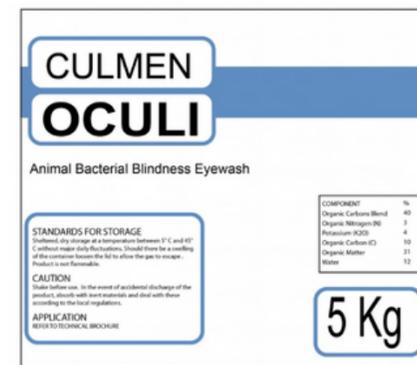
## CULMEN CRYPTO

Ils a 100% natural method to cure all livestock of the diarrheal disease cryptosporidiosis (Crypto): See Document: Culmen Crypto



## CULMEN HOOF

Ils a Foot Bath for Treatment of Hoof Rot. See Documents Under Livestock: Culmen Hoof



## CULMEN OCULI

Powerful Anti-pathogenic eye wash for Ocular Disease. See Documents Under Livestock: Culmen Oculi



## AMMON FREE

AmmonFree used for the elimination of Ammonia: Used in Chicked Houses. Used in Pig/Hog Pens. See Documents under: Remediation



## ERGOFITO BIO

Ergostart Bio is an Agricultural Product Used to Increase the Presence of Humus in the Soil Remediate Damaged Soil and Brings Back Life to the Land. See Agricultural and Soil Remediation Documents: Documents

# Products



## ECO FLUSH

For the remediation of Fats and Greases. Used for fat/grease traps. Cleaning of Drains, Floors and Sinks. See Document: FAT/Grease Traps



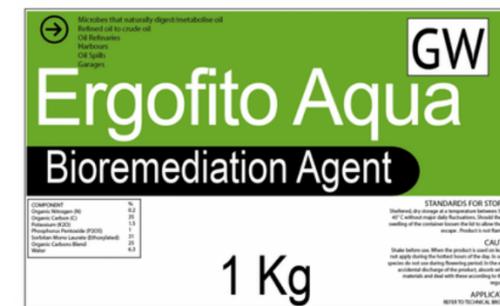
## MOZZI-OLGY

Elimination and Control of Mosquitoes: See document: Mosquito Control



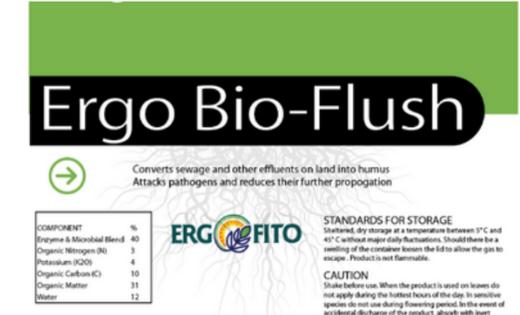
## ERGOFITO AQUA

Remediation of all forms of Hydrocarbons: All forms of Oils, Fats and Grease. See Document: Oil Remediation



## ERGOFITO AQUA

Ergofito Aqua GW: Remediates Sewage containing Fats/Greases. Remediates Grey Water. See Sewage document: Sewage



## ERGO BIO FLUSH

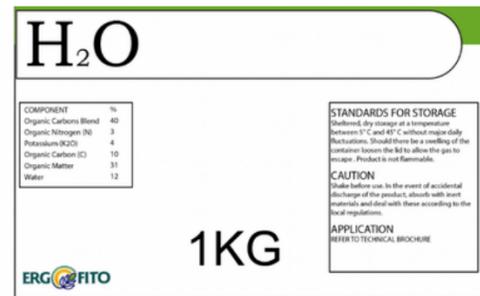
Remediation of all forms of Sewage: Municipal Sewage Plants, Animal Waste. Organic based Industrial Waste. Prevents the spread of Pathogens. See Documents Under Remediation: Brochures

# Products



## ERGOFITO DIL

Used in Agricultural as a wetting agent. See document: DIL Agri  
Used in Hydrocarbon Remediation and for Oil Separation. See documents: DIL Hydrocarbo Oil Separation



## H2O

Used in Aquaculture:  
For Remediation on Fish Farms and Aquariums. Eliminates Ammonia, Keeps the pH. Neutral. See document: Aquaculture



## ERGOFITO ROOT STIM

Agricultural Product: Contains Kelp Extract. Improves root development. See Documents under Agriculture: Ergofito Root Stim



## UNIVERSAL

A General Purpose Agricultural Product for all Crops, Fruits, Vegetables, Grass and Trees. It also Contains Kelp for Improved Root and Leaf Growth. See All Documents Under Agriculture: Brochures



## ECO FLUSH

Rhizo Health:  
Used for the treatment of many human ailments. See Document: Rhizo Health.



# Contact Us

For any questions or clarifications on our presentation.

## Website

[ergofitobio.com](http://ergofitobio.com)

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