



TECHNICAL DATA SHEET

YOUR CHEMICAL SOLUTIONS PROVIDER



DESCRIPTION

Enro-Waste Treat is a Concentrated Blend of Bacteria, carefully selected to Provide Complete Biodegradable, Biological Treatment and Eliminate Odour Problems, Blockages and Overflows frequently associated with Septic tanks and Chemical toilets.



FORMULATION/COMPOSITION

Enro-Waste Treat is an Environmentally Safe (APEO and NonylPhenol Free), Blend of Non Pathogenic Biodegradable Bacteria, Surfactants, Alcohol, Fragrance, Dye and Water.

Enro-Waste Treat is designed to ensure the Sanitation of Septic Tanks and their Disposal Fields. Septic tanks are Dynamic systems whose sanitary condition may vary depending on age and organic load. Foul odours and Disposal Field Blockages are common problems that **Enro-Waste Treat** can help to eliminate through re-populating the soil with good bacteria.

Enro-Waste Treat can also be sprayed over waste at Dump and Tip sites. It should then be lightly watered into the waste so that the bacteria can get on with what bacteria does best, eating Organic Waste.

Enro-Waste Treat can help with Digesting BOD Associated Material even when simply Sprayed Over the Waste as a Dilute Solution in water if watering in is not an option, such as when the site is very remote from water. It even helps to control the stench from such hazards as Mortality Pits at Chicken Farms. Through also consuming the Eggs of some Insects, it can help to Reduce the Population of some Fly Species in the vicinity of organic waste, such as at Dairies, where the kraal gathering area of the animals to be milked is often not very far from the actual milking area, and is often smattered with manure. Other Systems that benefit from the Addition of Bacteria are such systems as Natural and Man made Lakes, which have stagnated due to being exposed to too much Constant Organic Load that has severely Depleted the Oxygen. Besides the Septic Stench, this also has far reaching implications for Fish and other Water life populations. In this scenario,

Enro-Waste Treat can help to Safely Eliminate the Organic Load in the Sludge of the system, which helps the system to recover to its Natural Balance. In such application sites the source of the excess organic load should be investigated and eliminated in order to prevent re occurrences of the condition.

Enro-Waste Treat Bacteria are selected to Actively Break Down Toilet Paper, Oils, Fats, and Other Substances likely to cause Odour and Blockage Problems.

Enro-Waste Treat surpasses International Environmental Accreditation Agencies' standards and can safely be used to earn credits toward an "Environmental Friendly" certification.

Enro-Waste Treat main benefits are:

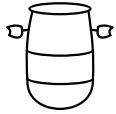
- Odour Elimination;
- Completely Biodegradable;
- Non Corrosive to Skin;
- Doesn't Damage Surfaces;
- Safe for Users;
- Equipment and the Environment;
- No Toxic Vapour;
- Neutral pH.



SAFETY & HANDLING Always consult the Material Safety Data Sheet before use

Disclaimer / Non-warranty

This product has been subjected to limited tests and has been shown to perform well. The information contained herein is to our best knowledge true and accurate, but since the conditions of use are beyond our control, EnroChem Trading DMCC, disclaims any liability in connection with the use of this product and/or information. Warranty extends only as far as to the replacement of material shipped if not compliant with the specification as set out in the attached "Certificate of Analysis" and within the expiry period of the said product. All recommendations or suggestions are made without guarantee. It is good practice to conduct one's own application tests on a small area prior to using the product.



PROPERTIES/APPLICATIONS/USE

SEPTIC TANKS AND PIT LATRINES

Premix

Add 500 ml to 1 litre of **Enro-Waste Treat** into 10 litres of Clean Water.

Pour into Septic Tank or Pit Latrine after First Leveling the Offending Bulk of Material that has Built Up.

Septic Tanks

Monitor the Condition Weekly, Flattening the Bulk by Mixing it around if necessary in the First 2 to 3 weeks.

Often the Bulk Material will Puff up slightly as the Bacterial Activity Increases in otherwise Dormant Sludge.

Pit Latrines

Add 10 to 20 litres of Clean Water Weekly to Encourage the Bacteria, as they need Moisture to Work at their Best.

Repeat the Treatment every 2 to 3 Months to Maintain these Systems in a Good Condition.

SEWAGE PLANTS

Add 5 to 10 litres of **Enro-Waste Treat** Daily to the Influent Water from Domestic Origin into the Manholes entering the Sewage Farm. This will Encourage Break up of Fatty Masses before they Bulk up at the front of the plant and will then make the Bacteria and Enzymes available through the whole sewage plant.

If Mulching of the Raw Sewage is done then the **Enro-Waste Treat** should be added into the Sewage at this point in the process.

Add 5 litres per Day of **Enro-Waste Treat** into the Transfer Water for every 50 000 litres of Water Entering the Maturation Ponds.

NOTE : To **AVOID ANAEROBIC SHOCK** , the Program should be Started SLOWLY as follows:

1. Add 20% of the required dose of **Enro-Waste Treat** for 5 days.
2. Add 40% of the required dose of **Enro-Waste Treat** for 5 days.
3. Add 60% of the required dose of **Enro-Waste Treat** for 5 days.
4. Add 80% of the required dose of **Enro-Waste Treat** for 5 days.
5. Add the full daily dose of **Enro-Waste Treat** thereafter.

Anaerobic Shock can occur if Dormant Sludge is Lying on the Bottom of Maturation Ponds, since the Introduction of Bacteria will start to Attack this Sludge and Quickly Deplete the Water of Oxygen. This can Cause Loss to Fish life and may Cause Shock to Aerobic species of Bacteria that may be present.

The Bacteria in **Enro-Waste Treat** are Facultative, so they will help in Both the Anaerobic and Aerobic sections of a small to medium size Sewage plant.

GENERAL ORGANIC WASTE

Dilute 500 ml of **Enro-Waste Treat** into 20 litres of Clean Water and Spray this over the Organic Waste such as found on Compost Heaps, in Mortality Pits or in Kraals.

Repeat Weekly for 4 weeks then Fortnightly thereafter for best continued result.



SAFETY & HANDLING Always consult the Material Safety Data Sheet before use

Disclaimer / Non-warranty

This product has been subjected to limited tests and has been shown to perform well. The information contained herein is to our best knowledge true and accurate, but since the conditions of use are beyond our control, EnroChem Trading DMCC, disclaims any liability in connection with the use of this product and/or information. Warranty extends only as far as to the replacement of material shipped if not compliant with the specification as set out in the attached "Certificate of Analysis" and within the expiry period of the said product. All recommendations or suggestions are made without guarantee. It is good practice to conduct one's own application tests on a small area prior to using the product.



TECHNICAL DATA SHEET

YOUR CHEMICAL SOLUTIONS PROVIDER

PHYSICAL & CHEMICAL PROPERTIES

Physical state	Slight Viscous Liquid	pH (Conc. at 25°C)	Slightly Acidic - 5.50 - 6.50
Appearance	Dark Blue	Boiling Point	N/A
Odour	Fruity/ Fresh Mint	Flash Point	Not Flammable
Specific Gravity (Density)	0.98 - 1.05(g/cm ³ -25°C)	Melting Point/ Range	Not Available
Solubility	Soluble in Water	% Solids Content	N/A

This data does not constitute a specification - please see current "Certificate of Analysis".



SAFETY & HANDLING Always consult the Material Safety Data Sheet before use



STORAGE/SHELF LIFE

One year, stored in its original unopened packaging indoors in ambient conditions, between 10°C - 38°C.

PACKAGING

Enro-Waste Treat is available in

25 Kg - HDPE BLOWPACK

200 Kg - HDPE BLOWPACK

1000 Kg - IBC (FLOBIN)

Disclaimer / Non-warranty

This product has been subjected to limited tests and has been shown to perform well. The information contained herein is to our best knowledge true and accurate, but since the conditions of use are beyond our control, EnroChem Trading DMCC, disclaims any liability in connection with the use of this product and/or information. Warranty extends only as far as to the replacement of material shipped if not compliant with the specification as set out in the attached "Certificate of Analysis" and within the expiry period of the said product. All recommendations or suggestions are made without guarantee. It is good practice to conduct one's own application tests on a small area prior to using the product.