

MicroBioT8™

Bacteria + Bio stimulants + Micronutrients

Product Description:

MicroBioT8™ is a specially formulated blend of micro organisms, macro/ micro nutrients exclusively containing facultative bacteria which can grow over a wide temperature range of 5°C to 55°C. It is bioremedial solution for wastewater treatments of biotoilets, Septic tanks.

MicroBioT8™ when added to waste water treatment systems, immediately begin to secrete multiple enzymes that digest and decompose cellulose, lignin, starch and other organic wastes to simpler compounds. This enzyme provides to degrade carbohydrates and other organic substances present in waste water under aerobic as well as anaerobic conditions.

Mode of Action:

MicroBioT8™ degrades organic & inorganic solids that cause obnoxious odours into odourless compounds

Fats to glycerol & fatty acids

Cellulose to starch & sugars

Proteins to amino acids

Starch to glucose

Bioaugmentation Advantages:-

- Breaks down cellulose, lignin, starch in simpler compounds
- Enhances BOD, COD removal with improvement in sludge settlement
- Reduces suspended solids and complex material in bottom sludge
- Eliminates hydrogen sulphide gas and its odour
- Produces less sludge compared to alternative solutions
- Reduces nitrate and ammonia efficiency
- Changes Biomass Dynamics
- Improves rapid recovery time from upsets
- Environment friendly

Applications:

- Biotoilets
- Septic tanks
- STP

Product Specifications:

- Appearance: Available in Powder form
- Bacterial Count: Probiotic blend of high potency
- Enzyme Production: Protease, Lipase, Amylase, Urease, Cellulase, Nitrate Reductase
- Nutrient Content: Biological nutrients & Stimulants
- pH range: 5.5 – 9.5
- Temperature Range: 5°C – 55°C
- Shelf life: 2 years from date of manufacturing

Storage & Handling:

Product can be stored at room temperature & under dry conditions. Wash hands thoroughly with warm, soapy water after handling. Keep out of reach of children's.

Compost Enhancer

MicroC8™

Bacteria + Bio
stimulants

MicroC8™ is a specially formulated blend of micro organisms, biostimulants exclusively containing facultative bacteria which secretes high quality enzymes amylase, lypase, cellulase & xylase.

MicroC8™ when added to solid waste it starts to decompose cellulose, lignins, fats, proteins, starch, surfactants and other organic wastes to simpler compounds. It is used to reduce volume of waste, deodorisation of waste dumping site, prevention from pathogens.

MODE OF ACTION:

MicroC8™ degrades organic & inorganic solids that cause obnoxious odors into odorless compounds

Fats to glycerol & fatty acids

Cellulose to starch & sugars

Proteins to amino acids

Starch to glucose

APPLICATIONS:

Municipal solid waste composting

Agricultural waste composting

Pressmud and spentwash disposal

Hotel / kitchen waste disposal

Sludge volume reduction

BIOAUGMENTATION ADVANTAGES :-

- Helps to establish biomass capable of handling high organic loads
- Reduces volume of waste
- Reduces unpleasant odour at waste disposal site
- Increases biological activity due to thermophilic bacteria
- Break downs all complex organic waste to rich soil like fertiliser
- Produces good quality compost
- Prevents site from bioaerosols and mosquitoes / flies / insects
- Cost effective & easy to use

PRODUCT SPECIFICATIONS :

Appearance : Available in Powder form

Bacterial Count : Probiotic blend of high potency

Enzyme Production : Protease, Lipase, Amylase, Urease, Cellulase, Nitrate Reductase

pH range : 5.5 - 9.5

Temperature Range : 5°C - 55°C

Shelf life : 2 years from date of manufacturing

STORAGE & HANDLING :

Product can be stored at room temperature & under dry conditions. Wash hands thoroughly with warm, soapy water after handling.

Industrial Wastewater Treatments

MicroE8™

Bacteria + Bio stimulants +
Micronutrients

MicroE8™ is a specially formulated blend of robust micro organisms, macro/ micro nutrients exclusively containing bacteria which can grow over a wide temperature range of 5°C to 55°C.

Bacteria in MicroE8™ when added to waste water treatment systems, immediately begin to secrete enzymes that digest and decompose fats, proteins, starch surfactants and other organic wastes to simpler compounds. The environmentally harmless microbes in GreenSol™ E rapidly multiply and colonize the effluent treatment systems, thereby restoring its biological health and efficiency.

MODE OF ACTION:

MicroE8™ degrades organic & inorganic solids that cause obnoxious odors into odorless compounds

- Fats to glycerol & fatty acids
- Cellulose to starch & sugars
- Proteins to amino acids
- Starch to glucose

APPLICATIONS:

- Pharmaceuticals, Chemical industries
- Dairy & Milk processing industries
- Pesticides & Fertilizers industries

Sugar & Distillery
Paper & Pulp industry
Food processing industry
Fish processing industry

BIOAUGMENTATION ADVANTAGES :-

Reduces BOD, COD and SS industrial wastewater treatment effluent.
Improves rapid recovery time from upsets.
Increases municipal and industrial wastewater treatment systems capacity.
Improves floc settling formation, thus prevent bulking sludge.
Increase in MLSS
Improves waste degradation of specific target compounds.
Breaks down fat & grease buildup, reduces sludge buildup
Enhances odor control through natural organic acid oxidation.
Changes Biomass Dynamics
Cost effective & easy to use

PRODUCT SPECIFICATIONS & STORAGE & HANDLING :

Appearance : Available in Powder form
Bacterial Count : Probiotic blend of high potency
Enzyme Production : Protease, Lipase, Amylase, Urease, Cellulase, Nitrate Reductase
pH range : 5.5 - 9.5
Temperature Range : 5°C - 55°C
Shelf life : 2 years from date of manufacturing
Product can be stored at room temperature & under dry conditions. Wash hands thoroughly with warm, soapy water after handling.

Septic COD-BOD Controller

MicroS8™

Bacteria + Bio stimulants + Micronutrients

MicroS8™ is a specially formulated blend of robust micro organisms, macro, micro nutrients exclusively containing bacteria which can grow over a wide temperature range of 5°C to 55°C.

Bacteria in MicroS8™ is the beneficial bacteria in Septic Activator immediately begin to secrete enzymes that digest and decompose feces, urine, toilet paper, grease, fats, food scraps, detergents and other organic wastes. The environmentally harmless microbes in Septic Activator rapidly multiply and colonize the septic system, thereby restoring its biological health and efficiency.

MODE OF ACTION:

MicroS8™ degrades organic & inorganic solids that cause obnoxious odors into odorless compounds

Fats to glycerol & fatty acids

Cellulose to starch & sugars

Proteins to amino acids

Starch to glucose

APPLICATIONS:

Municipal waste water treatment plants

Sewage treatment plants, septic tanks

Townships, hotels, resorts, hospitals STPs

UASB & Anaerobic lagoons

BIOAUGMENTATION ADVANTAGES :-

Reduces BOD/ COD

Increase in MLSS

Breaks down fat & grease buildup

Reduces sludge buildup

Controls Odor,

Improve start up and recovery from shock loading

Changes Biomass Dynamics

Greatly reduces labor time and cost

Cost effective & easy to use

PRODUCT SPECIFICATIONS :

Appearance : Available in Powder form

Bacterial Count : Probiotic blend of high potency

Enzyme Production : Protease, Lipase, Amylase, Urease, Cellulase, Nitrate Reductase

pH range : 5.5 - 9.5

Temperature Range : 5°C - 55°C

Shelf life : 2 years from date of manufacturing

STORAGE & HANDLING :

Product can be stored at room temperature & under dry conditions. Wash hands thoroughly with warm, soapy water after handling.

