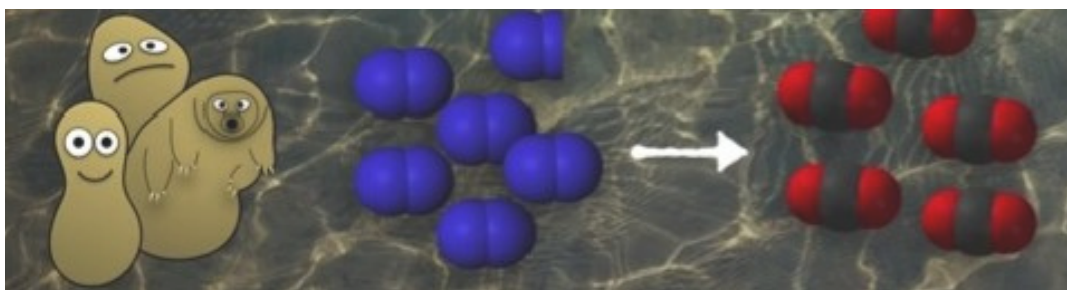


(Micro and Macro nutrient for anaerobic digester and Reactor for waste water treatment)

Description:

Anaerobic digestion of organic matter for biogas ($\text{CH}_4 + \text{CO}_2$) production has become a successful and growing area during the last decades. However, there is in many cases room for improvements of the efficiency of CH_4 -production and of the stability of the process. A balanced availability of macro- and micro-nutrients is crucial for a well-working anaerobic process.

- healthy human need balance diet , similarly bacteria need balance diet full of micro and macro nutrients.
- Tribio-Powermix is blend of specialized micro and macro nutrient is such a way to increasing CH_4 -production (i.e. CH_4 -volume per g supplied organic material) and decreasing concentrations of volatile fatty acids (VFAs) compared to controls. The macro-nutrients build up the bulk of the biomass, while the micro-nutrients mostly are present in cofactors and enzymes



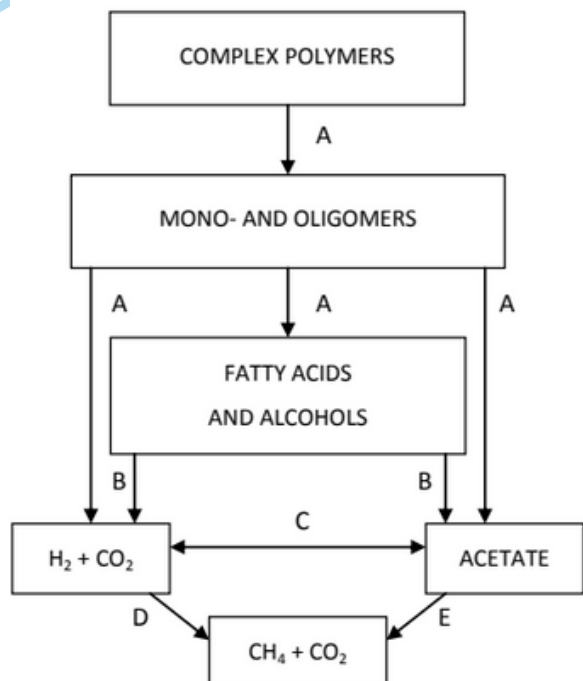
Application and benefit

- Tribio powermix is unique blend for anaerobic reactor that convert COD into biogas .
- Helps to methane production CH_4 and add all micronutrients to your reactors.
- Convert fatty acid and biomass in methane and Reduce and minimize VFA.
- Help to reduce COD load

How it work

Anaerobic degradation of organic material and microorganisms involved: (A) Fermentative bacteria, B) Proton reducing acetogenic bacteria, C) H₂-consuming acetogenic bacteria D) CO₂-reducing methanogens, E) Aceticlastic methanogens

Ther macro nutrient of Tribio-Powermix is build up the bulk of the biomass, while the micro-nutrients mostly are present in cofactors and enzymes which converts complex polymers in methane and carbon dioxide. acidic nature oxidized the COD load in effluent.



Dosage:

Recommended Dosage: 30 - 35 PPM of feed volume in 24 hour and divided as per shift. actual dose need to optimize depending on different factor. We recommend customers to carry out adequate trials before arriving at final dosages.

Product characteristic:

Active ingredient	: Specialized blend micro and macro nutrient
Appearance	: brown yellow to brown colored liquid
Specific Gravity	: 1.1 ± 0.15
pH	: 0.5 to 2.0
Storage	: 0 to 30°C

Packing:

Tribio-Powermix is typically available in 50 Liter HDPE drum, and customized as per customer requirement.

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An ISO 9001:2015, ISO 22000, GMP & HACCP certified Company

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