

Liquid Methanogens

BactaServe® Bioculture

BactaServe Liquid Methanogens is a specialized anaerobic microbial culture designed to enhance bio-methanation, increase methane production, and stabilize anaerobic digestion processes in ETPs, STPs, and biogas plants.

Key Benefits

- › Faster startup of anaerobic digesters
- › Higher methane (biogas) production
- › Effective VFA control to prevent souring
- › Handles shock loads efficiently
- › Improves COD & BOD reduction
- › Maintains stable pH and process performance

Applications

- › Anaerobic Digesters (CSTR, UASB, Fixed Film)
- › Biogas Plants
- › Industrial ETPs (Pharma, Dairy, Distillery, Food Processing)
- › Municipal STPs

How to Dose

- › **Startup / Inoculation:** Dose based on reactor volume and COD load
- › **Maintenance Dose:** Regular dosing to maintain microbial activity
- › **Dilution:** Can be diluted with water before dosing
- › Dosage depends on VFA levels, organic load, and plant conditions
- › Consult Amalgam technical team for customized dosing plan



Parameter	Details
Form	Liquid
Color	Light Brown
pH	5 – 8
Specific Gravity	1.0 – 1.05
Packing	40 Kg

Mfg. & Mktg. By:

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