



# Industrial Wastewater Treatment

## 208MT

### Enhanced Methane Generation in Anaerobic Digester

**bactus 208MT** is a unique combination of selected microorganisms that improves the overall anaerobic digestion process. **bactus 208MT** accelerates hydrolysis of complex organic molecules to monomers which in turn converts to acids. The acids will readily be utilized by methanogens and enhances biogas production. It can be used in a variety of industries that use anaerobic treatment for high-strength waste waters.

#### APPLICABLE INDUSTRIES

**Food Processing Units, Dairies,  
Sugar & Distilleries, Breweries,  
Pharmaceuticals, Chemical**

#### DEGRADES

**Sugars, Starch, Proteins,  
Oil & Grease and other  
organic compounds**

#### BENEFITS

- Enhances and stabilizes anaerobic reactor
- Increased degradation of COD in the anaerobic treatment stage and enhanced biogas production
- Improves granular formation in UASB and CSTR leading to lesser loads in the aerobic system
- Increases the efficiency of anaerobic digester hence improves the quality and quantity of the biogas produced.
- Improved handling of fluctuations in loading, changes in wastewater composition or changes in the operating conditions contributing to system stability.
- Bring down organic loading for followed by aerobic treatment.

#### TYPICAL PROPERTIES

Appearance	Available in powder form
pH	6.8 - 8.5
Shelf-life	2 years from the date of manufacturing.
Microbial count	Probiotic blend of high potency.

#### PACKAGING

**bactus 208MT** is available in  
10 kg pail

#### PERFORMANCE PROPERTIES

Effective pH range: 5.5-8.5,  
Effective Temperature Range: 20-45° C, (optimum 35-38° C)  
Enzyme Production: Protease, Lipase, Amylase,  
Cellulase.

#### STORAGE & HANDLING

Storage: Store in a cool, dry place  
Handling: Wash hands thoroughly with warm,  
soapy water after handling

For further details contact :

サンザイム

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