



Industrial Wastewater Treatment

210FS

Fungal formulation to degrade recalcitrant organic compounds

bactus 210FS is a blend of synergistically acting fungal strains, which have the capacity to produce a wide range of enzymes. These strains have been selected for their ability to grow in waste environments even at low pH conditions and neutralizes the pH without increasing total dissolved solids.

bactus 210FS encompasses a wide variety of organic degradation capabilities that specifically targets a variety of industrial wastes. The microbial blend incorporates strains capable of degrading fatty acids, surfactants, hydrocarbons, phenolic compounds, ketones and recalcitrant organics. When added regularly to the biological stage of a wastewater treatment plant, **bactus** 210FS can deliver a range of benefits including degradation of recalcitrant organic compounds, COD reduction and an overall improvement of treatment performance characteristics apart from neutralizing acidic effluents.

APPLICABLE INDUSTRIES

Pulp and paper mills, Refineries
and petrochemical plants,
Food processing plants

DEGRADES

Cellulose & Hemicellulose, Lignins,
Oils & Grease, Starches, Malodors, High BOD,
Foaming Surfactants, Soaps, Amines, Organics

BENEFITS

- Better performance over a wide pH range and increased tolerance to acidic wastewater
- Neutralizes acidic effluents
- Improve COD and TOC removal
- Assist the bacterial biomass for an efficient elimination of the recalcitrant organic substances
- Reduce odors from lagoons, activated sludge basins, and fixed-film systems
- Improve biological flocculation resulting in better settling of sludge
- Decrease TSS in treated effluent discharged to the environment
- Reduces effluent toxicity.

TYPICAL PROPERTIES

| | |
|-----------------|----------------------------------|
| Appearance | Available in Powder form |
| Microbial count | Probiotic blend of high potency. |

PACKAGING

bactus 210FS is available in 10 kg pail.

PERFORMANCE PROPERTIES

Effective pH range: 4.5-8.5,
Effective Temperature Range: 5-55°C,
Enzyme Production: Cellulase, amylase, protease Lipase etc.

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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