

# ROETECH 103

**ROETECH 103** is a highly concentrated mixture of three patented Bacillus bacteria. The blend exclusively contains bacteria which can grow over a wide temperature range of 5°C - 55°C.

Applications for **ROETECH 103** include wastewaters which have either unusually low or unusually high temperatures or wide fluctuations in temperature. Examples include aeration basins, lagoons with seasonal fluctuations and pretreatment of food processing wastewater. **ROETECH 103** is also ideal for use as a biological accelerator in composting.



## PRODUCT SPECIFICATIONS

### 103 (Powder) 103 L (Liquid)

#### Bacteria Count CFU/gram or ml

- A. 1 billion.....10<sup>9</sup>
- B. 10 billion.....10<sup>10</sup>

#### Enzymes Produced\*

Protease  
Lipase  
Amylase  
Urease  
Cellulase  
Nitrate Reductase

pH range.....6 - 10  
temperature range.....5° C - 55° C  
oxygen requirements.....aerobic

### Product Benefits

#### Routine use of RoeTech 103 will:

- Reduce BOD
- Reduce Suspended Solids
- Control Odor
- Lower FOG
- Reduce Sludge Volume
- Improve start up and recovery from shock loading

*High levels of these and other enzymes produced\* by the three Bacillus strains in 103 result in an extremely effective and versatile blend with many uses and applications.*



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