

ROETECH[®] 302

ROETECH 302 is a highly concentrated mixture of spores and vegetative bacteria. One patented Bacillus strain combined with three Pseudomonas strains provide a multiple enzyme producing culture designed specifically to degrade surfactants, hydrocarbons ammonia and other chemicals in mixed wastewaters.

ROETECH 302 is formulated with an emphasis on hydrocarbons, petrochemicals, oils and other compounds which can be more difficult to degrade and pose a pollution hazard. It is the product of choice for ammonia reduction.

ROETECH 302 is 70% Pseudomonas bacteria and 30% Bacillus in a very concentrated one billion per gram powder.

ROETECH 302 is ideal for ATU's, package sewage systems and wastewater pre-treatment systems as well as larger WWTPs that handle higher levels of chemical components and ammonia



PRODUCT SPECIFICATIONS

302 Powder

Bacteria Count CFU/gram
 1 billion.....10⁹

Enzymes Produced
 Protease Urease
 Lipase Cellulase
 Amylase Nitrate Reductase

Various degradative enzyme systems to degrade hydrocarbons, chemicals and ammonia.

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

Product Benefits

Routine use of RoeTech 302 will:

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