



## Microbe Tablets for Wastewater (SC4294)

### Technical Data Sheet

#### Product Description

*BioBoost Tablets* are a bioaugmentation product consisting of a mixture of non-engineered, dried bacterial species. Each tablet contains 50 billion colony-forming units, which help to replenish and maintain a large, active microbe population within wastewater treatment tanks, increasing the efficiency with which the system deals with organic waste and reducing the likelihood of breakdown, bad smells and other complications.

#### Advantages

*BioBoost Tablets* supplement the native bacterial population within the treatment zone, increasing the speed and efficiency of the natural digestion process. In so doing, they reduce the likelihood of blockages, and help to prevent smells emanating from the build-up of filamentous bacteria. Application of *BioBoost Tablets* therefore helps to insure against the unpleasant and costly consequences of underperforming septic tanks. For users in industry, the associated benefits of using *BioBoost Tablets* are a reduction in the amount of BOD, COD and suspended solids released back into the water system which are often chargeable under environmental legislation.

#### Application Rates and Methods

*BioBoost Tablets* can be applied in two different contexts. Firstly, where a new tank has been installed or an old one recently been restarted, they work as a 'shock' treatment to help kick-start the system and ensure that the conditions for its ongoing performance are quickly met. Secondly, the tablets may also be applied regularly in order to replenish microbe numbers on a monthly basis, which helps to ensure the tank's performance going forward. Whilst the tablets may be applied in isolation in both of these contexts, we recommend the simultaneous application of *Sea Sure* – our seaweed-based biostimulant – to help optimize performance. See our *Annual Health Kit* and *Start-up/Recovery Kit* for further details.

We advise that a wastewater treatment questionnaire is completed prior to application to ascertain the most appropriate course of action to follow, depending upon the size of the system and the nature of the effluent.

#### Physical Characteristics

*BioBoost Tablets* are dry and tan in appearance and are pressed into tablets of approximately 2cm in diameter.

#### Storage, Handling and Disposal

*BioBoost Tablets* should be handled and stored in line with good industrial practice. At 21 °C, the shelf life of the product is twelve months. If products are to be disposed of, this should be disposed of in accordance with local authority regulations.

#### Health and Safety

No unique health and safety concerns apply to *BioBoost Tablets* if used in accordance with good practice. See the Material and Safety Data Sheet connected to this product for more details.