



BACT O MAX

Multiple Spore Blend for Odor Control – Quick Cleaning Action – Organic Removal IDEAL FOR AQUA CULTURE & AQUARIUM

BENEFITS

- Components are listed on the Canadian Domestic Substances List (DSL)
- Designed to provide an environmentally safe solutions for many types of organic wastes and odor problems.
- Biodegrades the organic compounds completely to CO₂ and H₂O. Its biostrains specifically promote optimum enzymatic activity of protease, lipase, amylase and cellulase, and provides outstanding breakdown of protein, starch, carbohydrates, fats, oils and grease.
- It is designed to provide exceptional **odor control** performance in septic and waste treatment.

APPLICATIONS

Fill the truck reservoir with clean warm water. The reservoir has to be clean and free of disinfectants. Fill the reservoir with clean warm water and then add **BACT O MAX** to clean water prior vaporization. Mix 0.1% to 1% **BACT O MAX** in the water.

1% **BACT O MAX** yields 5.4 x 10⁵ CFU/ml. That is 540 000 bacteria per ml; or 540 million bacteria per L vaporized.

0.1% **BACT O MAX** yields 5.4 x 10⁴ CFU/ml. That is 54 000 bacteria per ml; or 54 million bacteria per L vaporized.

In the beginning, do a shock treatment that is a higher concentration for the bacteria to get adapted to the new environment; then reduce the concentration to maintain the biodegradation process.

PRODUCT CHARACTERISTICS

Bacteria count:	5.4 x 10 ⁷ CFU/ml
Bacteria type:	Blend of <i>Bacillus</i> spores
<i>Salmonella/Shigella</i>	Negative
Stability	2 years at 2°C to 35°C (35°F-95°F)
Enzyme Production	Lipase, Protease, Amylase and Cellulase
Bacterial Pathways	Aerobic & facultative anaerobic
pH range	5.0 –9.8
Temperature range	3°C to 63°C (38°F-145°F)

CHARACTERISTICS

- High enzyme production of: Lipase, Protease, Amylase and Cellulase.
- Grease biodegradation outperforms other competitive formulations in laboratory and field studies.
- Superior germination and outgrowth results in increased bacterial activity in a variety of organic waste applications.
- Accelerated enzymatic degradation – Synergistic action allows the multiple spore blend to work faster and more effectively.
- General organic waste degrader.
- Enhanced aerobic and anaerobic performance, designed for applications subject to aerobic and anaerobic environments.

DOSAGE

Specific recommendations can be provided by your  **atomes** representative.