

Bio-Regen WW Shock



Product Overview

Effective biological wastewater treatment involves a specific and balanced use of microorganisms (bacteria) to naturally degrade organic waste. The challenge with maintaining this balance is ensuring that not only the proper mix of beneficial bacteria exists, but that the system can then support the growth and stability of this biological environment which will result in BOD reduction, COD reduction and wastewater odor control. **Bio-Regen**

WW SHOCK provides operators a convenient method for rapid adjustment or establishment of beneficial bacteria. **Bio-Regen WW Shock** is a convenient bio-pouch in which we combined multiple strains of our specially selected bacteria and natural proprietary preservatives to provide a wide variety of stable and advanced beneficial bacteria for the degradation of organic materials. **WW Shock** provides biological systems large

volume microbial counts to regenerate/establish a beneficial biological bacteria balance and to enhance the ability of indigenous bacteria to degrade organic matter. This product is specially formulated to work in all temperature ranges including cold weather situations. For maximum performance, use **Bio-Regen WW Shock** in conjunction with **Bio-Regen OWS** for complete system establishment, growth, and support.

Application Information **Bio-Regen WW Shock** consists of specifically selected bacteria to handle the degradation and removal of a wide variety of wastes found in municipal wastewater, lift stations, industrial wastewater, pulp and paper wastewater, food processing wastewater, petrochemical wastewater and even animal waste wastewater.

Initial System Treatment: The convenient bio-pouch will be applied to the system throughout the first month to ramp the system up to a strong biological system. The recommended rate is 5 to 10 bio-pouches per 250,000 gallons (950,000 liters) of water volume in the system to be applied over a two to four week period for maximum results. (For maximum performance, use **Bio-Regen OWS** for system support and growth.)

The following example reflects a 5 bio-pouch rate for a 1,000,000 gallon (4 mega liters) total volume system:

Day 1-2: 2 Bio-Pouches Daily

Day 3-7: 1 Bio-Pouch Daily

Day 8-30: 1 Bio-Pouch Every Other Day

Total Bio-Pouches needed for 1,000,000 gallon (4 mega liters) system is 20

Technical Information

Bio-Regen WW SHOCK is a complex mixture of naturally occurring, single-celled bacillus spores and diverse vegetative microorganisms in a proprietary natural preservative package. It is specially formulated to be safe and environmentally enhancing while being effective even in low water temperature.

Effective pH Range: 5.5-9.5

Effective Temperature Range: 40 - 85° Fahrenheit; 5-30° Celsius

Microbial Count: 5 Billion CFU/gram

Container Size: 25 pouch Bio-Tub

Shelf Life: 2 Years for unopened Bio-Tubs, 1 Year when opened

For more information Contact:

