



BK350/10

CONCENTRATED BACTERIAL POWDER FOR USE IN SOIL BIOREMEDIATION PROJECTS.

Product Description

BK350/10 is a specially formulated microbial product, which has been designed to accelerate the degradation of petroleum hydrocarbons such as gasoline, diesel, benzene, toluene, and xylene as well as other organics in soil decontamination applications. Typical areas include contaminants from land areas such as Factory Sites, Railway Tracks, Sidings and Embankments, Garage Forecourts, Oil Refineries, Fuel Storage Depots etc.

BK350/10 rapidly establishes a biomass which can effectively degrade the complex structures of petroleum hydrocarbons, particularly those found at refinery sites which are very difficult to degrade. The use of a broad spectrum of bacteria results in faster degradation rates and thus quicker clean up of contaminated soil. To ensure optimal performance they are produced and blended with 'high potency' nutrient and stimulants.

BK350/10 is effective even in saline environments. Many bacteria cannot tolerate saline conditions making the biodegradation of hydrocarbons particularly difficult in such applications. **BK350/10** contains a blend of bacteria, which has been specially adapted to operate in saline environments.

BK350/10 has an increased tolerance to high levels of chemicals found in effluent from aerobic wastewater treatment plants which can prove toxic to normal biomass. These strains of bacteria are also capable of producing bio-surfactants, which help to accelerate the rate of degradation of relatively insoluble chemicals.

Directions for use

BK350/10 can be used in dry or wet applications. Rake or till the soil and apply at the rate of 1 Kg per 20 square metres of contaminated soil. Maintain the treated area as if growing a lawn and water regularly.

For larger projects use 100 Kgs of **BK350/10** added to 400 Kgs of fertiliser to treat 1500 cubic metres of soil.

BK350/10 when used in wet applications and direct injection systems, should be mixed with clean warm water at a temperature of approximately 30 deg C for 2 hours before application to soil.

BK350/10 contains no harsh chemicals or solvents. The micro-organisms present are all naturally occurring and are non-pathogenic to humans or animals.

BENEFITS

- ❑ An effective, environmentally safe solution for rapid oil and organic degradation.
- ❑ Supplied in a water soluble 250 gm sachet for ease of handling and accurate dosing.
- ❑ Biological action reduces oil and contaminants to carbon dioxide and water.
- ❑ Reduces risk of pollution liability and lowers disposal costs.
- ❑ Product requires no hazchem labelling and is therefore safe in use, storage and transport.