



Manufacturer: Sunmark Environmental Services LLC - PO Box 1210
Fairview, OR 97024
Toll Free: 1.888.214.7333 - Fax: 503.491.0279
info@sunmarkenvironmental.com

Sunmark Environmental Services, LLC certifies that EcoBiotics™ contains the following properties and characteristics

Description -

EcoBiotics™ is premium natural organics with micro-organisms that helps to quickly restore bio-activity and ecological balance to lifeless soils. **EcoBiotics™** is also used to transform harmful substances into non-toxic carbon dioxide, water, fatty acids while providing an organic food source for plants. Nature, over time, can eliminate both natural and most man made pollution. This happens as naturally occurring micro-organisms, enzymes, chemicals and weather combine to eliminate pollutants. Advances in technology and sustainability have made it possible to greatly accelerate these natural processes by selecting, concentrating and acclimating micro-organisms to attack and eliminate many hydrocarbon based toxic materials in a matter of weeks rather than decades. The use of **EcoBiotics™** to consume and eliminate dangerous or unwanted hydrocarbon based contaminants like petroleum products is called bioremediation. Bioremediation can achieve the elimination of contamination in many environments with a speed and thoroughness much greater than traditional methods and at significantly lower costs. **EcoBiotics™**, like all living creatures, require nutrients such as nitrogen, phosphate, carbon, water and an environment to grow and survive. It will break down organic contaminants as a source of carbon for energy and growth. In the process the micro-organisms will die and reproduce in a continual process, leaving nothing but harmless organic residues which are a primary food source for plants. Proper soil-ecology is integral to efficient nutrient uptake and numerous other vital biological plant functions, leading to improved plant fitness, reproductive ability, and drought tolerance. **EcoBiotics™** is completely biodegradable.

Specifications -

EcoBiotics should be applied at a rate of 65 pounds per acre or 1.5 pounds per 1,000 square feet. **EcoBiotics** can be applied dry with a broadcast spreader or added to any hydro-mulch material, seed, and tackifier. EcoBiotics can be incorporated during construction, or by aeration.

EcoBiotics should be incorporated into the growing zone of plants or in the germination zone of seeds. **EcoBiotics** can be watered in or tilled into soil to a depth of 2 to 4 inches.

Technical Information	
Microbial Inoculants:	<i>Azospirillum lipoferum</i> 1x10 ⁵ CFU/g <i>Azospirillum brasilense</i> 1x10 ⁵ CFU/g
Microbial Blend:	2x10 ⁵ CFU/g <i>Bacillus licheniformis</i> <i>Leuconostoc mesenteroides</i> <i>Pichia deserticola</i> <i>Lactobacillus buchneri</i>

Composition

Histosol Organics Pelletized	59.79% +/- 6%
Histosol Organics Fines	24.93% +/- 3%
Microbial Communities	13.28% +/- 1%

Packaging and Shipping Data

Bag Size	Variable
Bag Weight	Variable
Pallet	40 Bags
Full Truck	22 Pallets, 880 Bags
Packaging	Moisture Resistant Bags

EcoBiotics™ Application Rate

Per Acre	65 lbs
Per 1,000 Square Feet	1.5 lbs

WARRANTY

Sunmark Environmental Services, LLC warrants that its products are free from defects and will perform as stated in this document. Sunmark Environmental Services, LLC will not warrant that the product will perform under unlimited circumstances that are caused by variables such as the soil surface condition, installation methods, and/or weather conditions.