Southland Organics

Using OP Port in Mouldering Toilets

What is OP Port?

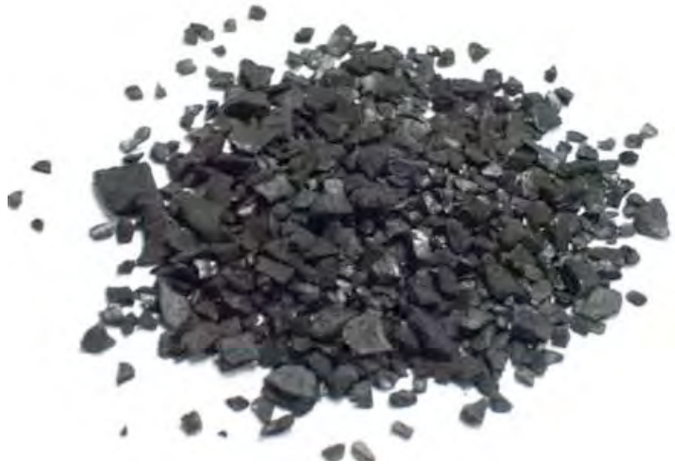
- ★ Powerful liquid formula that provides rapid waste degradation and odor control.
- ★ Primary use has been portable toilets, vault toilets and pit type toilet applications.
- ★ OP Port is used coast to coast by units of the National Park Service, Forest Service, Bureau of Land Management, Bureau of Reclamation and the Army Corp of Engineers

How Does OP Port Work?

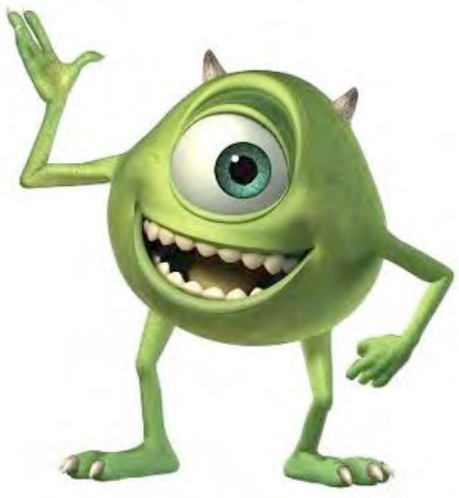
Employs Nature

Lignin

Carbon



Microbiology

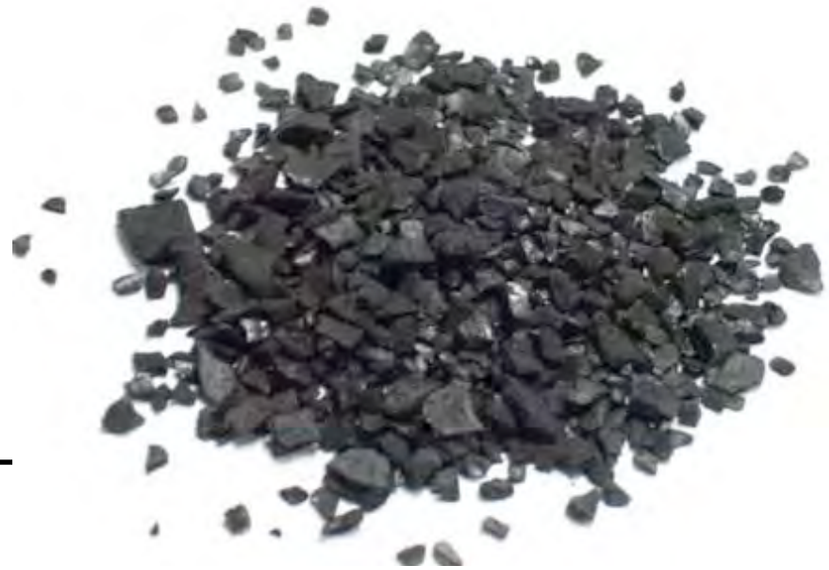


Lignin Serves as a Molecular Sponge and soaks up all biological “free radicals”

Ammonia Hydrogen Sulfide Leachates

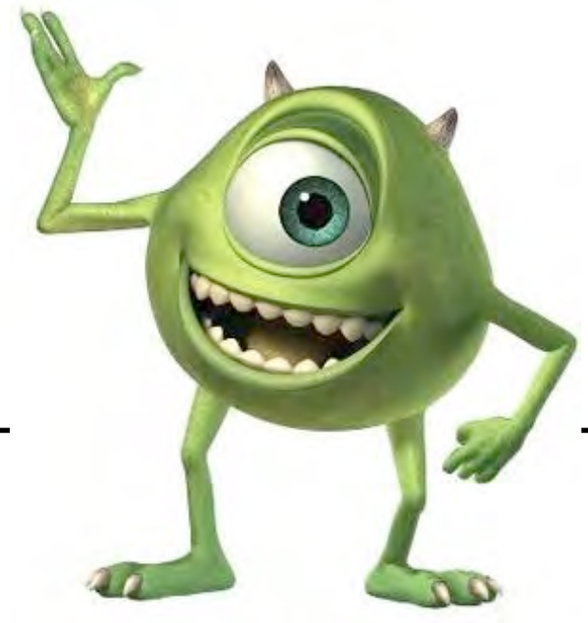
★ Highly active “reactive lignins” with 7 to 9 open bonding sites per molecule.

★ The complexed lignin reactive surface structure is estimated at 900,000 square meters per kilogram and an enormous negative cation exchange capacity of 1500 to 3000 moles per kilogram.



Carbon is the essence of life and the world's greatest filter.

- ★ The OP Port substrate is from the largest natural deposit of fixed carbon ever discovered
- ★ 60% Vegetative Carbon
- ★ 40% Marine Carbon



Bacteria and Fungi are Nature's Recyclers!!

Bugs do the work and they work cheap.

- ★ In addition to the indigenous biology, OP-Port contains a proprietary synergistic blend of added bacterial strains which have been scientifically selected to cope with decomposition of human waste.
- ★ The bacterial strains in OP-Port also digest difficult and non-biodegradable compounds such as detergents, paper, oil, grease, hydrocarbons, phenols, etc.
- ★ The product is also unique in that it contains micro and macro-nutrients that greatly accelerate microbial activity, growth and performance. This additional microbial activity greatly accelerates the composting process, and helps to more completely breakdown or digest effluent.

Benefits

- ★ Very noticeable odor reduction within 48 to 72 hours of application
- ★ Accelerated and more complete decomposition of effluent
- ★ Eliminates the need for adding carbon sources (wood chips, etc.).

Southland Organics

355 Barnett Shoals Rd.
Athens, GA 30605
(800) 608-3755
www.southlandorganics.com

Thank You