



WHAT IS P.O.L. SORB?

P.O.L. Sorb is a revolutionary, state of the art oil and hydrocarbon absorbent made from the highest grade of Sphagnum Peat Moss. The high grade raw material is significantly different from the garden variety peat commonly available in lawn and garden outlets. P.O.L. Sorb raw material is primarily the leafy, stem-free, and least abundant part of the peat, harvested from peat bogs in its natural, partially biodegraded state.

At the factory, a unique, patent pending steam process causes the raw, natural peat to become “activated”, a distinguishing attribute of the P.O.L. Sorb brand. The steam process causes a controlled reduction of natural moisture content while expanding the cellular structure of the peat, much like blowing up a balloon. The expanded cellular structure provides significantly greater surface area and absorption capacity than some competitive peat products. Other competitive peat products use a direct heat drying process to achieve lower moisture, and actually shrink or maintain the same cellular structure and available surface area of the natural peat - much like drying (shrinking) cotton fabric in a tumble dryer. Throughout the manufacturing process, rigid standards of quality control are maintained to ensure P.O.L. Sorb’s consistent ability to outperform other absorbents. The product is screened, tested and verified at each stage of the process of becoming “activated”.

The result of applying a unique, patent pending process to produce “activated” peat, P.O.L. Sorb is a superior absorbent with extraordinary characteristics. Although very lightweight and easy to handle, P.O.L. Sorb absorbs oil at a superior rate of approximately one pound of product per gallon absorbed, using a “wicking” action best described as a magnetic-like attraction that pulls or draws the oil or hydrocarbon into the empty cells until there are no void areas remaining. Amazingly, this “wicking” action does not work on water or water-based solutions. P.O.L. Sorb is hydrophobic - it will float and resist absorption of water for up to 30 days while simultaneously “wicking”, sponging and encapsulating hydrocarbons floating on water’s surface. Once encapsulated, oil will not normally leach out of P.O.L. Sorb to become a threat to the environment. P.O.L. Sorb holds the oil and catalyzes the natural biodegradation of oil into harmless byproducts through microbial action over a period of less than one year.