

SorbaSolv™ is a patented recycled cellulose based oil absorbent that has an extremely high absorbency combined with permanent water repellency and oil retention. Effective on water and land, SorbaSolv absorbs oil, greases and other water insoluble organics and contains no toxic, carcinogenic or biologically hazardous materials.

SorbaSolv can be applied as a loose particulate by air, sprayed from a water craft, or incorporated into booms and pillows for various aquatic applications. (See Figure 1.) The captured oil can then be recycled into a usable product or incinerated. SorbaSolv can also be tilled into the ground to help remediate contaminated soil.



### BENEFITS

- Absorbs 10 to 20x its own weight
- Highest absorption rate of any fiber
- Accelerates bioremediation
- Effective on land, sea, and fresh water
- Works in any temperature
- Absorbed oil will not leach back into the environment
- Apply as a loose particulate or as a boom or pillow
- Will not absorb water or sink
- Can be used as a filter substrate
- Captured oil can be recycled
- Safe to incinerate. Low ash. High BTU.

### FEATURES

- The *original* cellulose absorbent
- A patented high efficiency oil sorbent (U.S. Patent # 4780518)
- 97% recycled cellulose fibers
- Biodegradable, non toxic



Figure 1. Booms for aquatic applications

**APPLICATIONS**

**Water Remediation / Oil Spill Clean Up**

SorbaSolv booms, pads, and loose particulate are highly effective against large or small oil spills in salt or fresh water. The oil is first contained, absorbed, and recovered using various collection methods. Then, by simply applying pressure and/or compression to the sorbent, the oil is released allowing it to be recycled.

**Land Remediation**

An effective method of site clean up is *soil washing*. This process separates oil from sandy, high humic and high clay content soil, reducing its leaching potential ten to twenty-fold by incorporating SorbaSolv into the process. *Batch mixing* with agitation and *column elution* are the two most effective methods to completely remove and eventually dispose of the pollutant. SorbaSolv is ideal for beach /sand remediation.

**As a Filter Substrate**

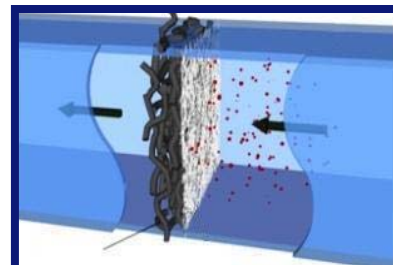
By relying on a phase separation process, SorbaSolv will absorb non-water soluble organics from aqueous liquid *and* vapor mixtures. For years, SorbaSolv has been used as a filter substrate for the removal of oils, solvents, and other water insoluble organics from aqueous waste streams in support of the Clean Water Act.



Water Remediation



Land Remediation



As a Filter Substrate



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