MIRACLE SORB®

100% Organic Fiberized Bagasse Bio-Remediation Product with "Nitrogen" to Enhance the Action Process

NE

THE SOLUTION TO YOUR TOUGHEST CLEANUP PROBLEMS

Miracle Sorb NE is the best solution for soil remediation:

Versatile: Use on both dry and swampy ground.

Effective: Tilled and mixed according to protocol with contamined soil, reduces hydrocarbons by 40% per month. Absorbs all hydrocarbon liquids, including oil, acetone, solvents and paints. **Miracle Sorb NE** is non-leaching, highly absorbent, encapsulates on contact.

Non-Toxic: Won't harm plants or animals. Safe to handle.

Lightweight: Easier transport and application to affected areas.

Eco-friendly: 100% organic, completely biodegradable. Easily incinerated with less than 5% ash. Unlike clay or granular materials it is safe for landfills (where permitted by law).

How does Miracle Sorb NE work?

Miracle Sorb NE is made from sugar cane bagasse, which is dried and fiberized using the patented *WinErgy* system. This treatment gives the bagasse fibers a unique porous structure, which significantly increases their natural absorption and encapsulating properties. ***The job is done...NO HAUL OFF!***

Miracle Sorb NE features a "wicking" action that allows it to absorb hydrocarbon liquids quickly and effectively. Its non-leaching properties prevent the hydrocarbons from being released following absorption.

Miracle Sorb NE's bio-degrading abilities are enhanced by the addition of naturally occurring nitrogen during processing. **Studies at Louisiana State University indicate that hydrocarbons can be 90% remediated within 90-days.** Natural vegetation growth should resume in 4 to 6 weeks, longer or shorter depending on the season.

Easy Application

Application of **Miracle Sorb NE** does not require any high cost or high tech equipment, making it an ideal first response product for use in emergency situations, as well as for routine use in maintaining a clean, environmentally safe work area.

WHAT IS MIRACLE SORB NE?

It's a 100% organic, biodegradable, premium absorbent product made from sugar cane bagasse fibers and microbes containing high levels of naturally occurring nitrogen and enhanced with other organic materials.

Miracle Sorb NE achieves its unique properties by fiberizing the bagasse in the patented *WinErgy* process, enhancing remediation by encapsulation of the hydrocarbons and allowing more surface area for microbe remediation.

100% Organic Fiberized Bagasse Bio-Remediation Product with "Nitrogen" to Speed Up and to Enhance the Soil Remediation Action Process

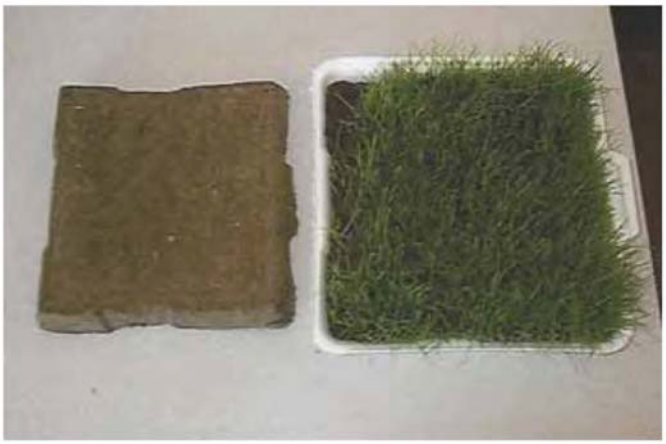
NE

HOW TO APPLY: Typically one 30-pound bag of **Miracle Sorb NE** per cubic meter of contaminated soil.
This may vary based on the level of contamination.
If the level of contamination is known, use one part **Miracle Sorb NE** for every two to four parts of hydrocarbon contamination (by weight).
If the level of contamination is not known, mix in **Miracle Sorb NE** until the soil is dry to the touch or takes on the appearance of normal soil in the area.
Thoroughly mix in **Miracle Sorb NE** and let stand for 12 to 24 hours.
Thoroughly and generously wet the treated area. Keep the treated area moist (50% moisture) throughout the remediation period. ***The job is done...NO HAUL OFF!***
Natural vegetation growth should resume in 6 to 8 weeks, longer or shorter depending on the season.

SPECIFICATIONS: The Bagasse mulch fiber is pure fiber produced from pure uncontaminated raw cane fiber with added Nitrogen. **Studies at LSU indicate that hydrocarbons can be 90% remediated within 90-days.**

DISPOSAL: **Miracle Sorb NE** is cost-effective because it does not have to be retrieved from spill site (where permitted by law) as do absorbing pads or blankets. If necessary, **Miracle Sorb NE** can be taken to a landfill or incinerated (in accordance with local law and regulation).

SHIPPING: Packaged in 30 pound bags. Shipped on pallets of 50 bags on a 48" x 44" or 60 bags on 48" x 48" pallet stretch wrapped. We also offer custom packaging, repackaging and private label packaging of our products for your business. Product samples are available.



Photos of Rye Grass Growing 28-Days After Treating Contaminated Soil With Miracle Sorb NE

MIRACLE SORB® NE

Oil Absorbent and Bioremediation Product

Description

Miracle Sorb NE is a 100% organic, non-toxic and biodegradable cellulose product made from plant fiber and enriched with nitrogen. Absorbing up to eight times its own weight, Miracle Sorb NE encapsulates liquid hydrocarbons on contact, preventing leaching and draining. Use Miracle Sorb NE to clean up hydrocarbon spills and to remediate areas contaminated with hydrocarbons. Apply directly to volatile liquid spills to suppress VOC's.

How to Apply

Spills on Water or Hard Surfaces:

Spread Miracle Sorb NE evenly over the contaminated area allowing the product to come in contact with the hydrocarbon liquid. Larger spills will require mixing in. Miracle Sorb NE floats even after saturated with oil. Remove Miracle Sorb NE from the water surface with a net, rake or surface skimmer. From a hard surface, sweep and collect Miracle Sorb NE. Dispose of in accordance with local laws and regulations. Where permitted by law, Miracle Sorb NE may be incinerated, disposed of in a landfill or left to bio-remediate in a compost or land farm operation.

To Remediate Contaminated Soil:

If the level of contamination is known, use one part Miracle Sorb NE for every two parts (by weight) of hydrocarbons in the soil. If the contamination level is not known, mix in Miracle Sorb NE until the soil is dry to the touch or takes on the appearance of normal soil in the area. A minimum of one 30 lb (13.5 kg) bag per cubic yard/meter of soil is recommended. Thoroughly mix into the soil and let stand for 12-24 hours. Irrigate the soil and maintain a moisture level of 50% of the water-holding capacity of the soil throughout the remediation period. Maintain a pH level between 5 and 9 for optimal remediation rate. Natural vegetation growth should resume in 6-8 weeks, longer or shorter depending on climatic conditions.