



SPILL TECH[®]

Oil & Chemical Pollution Control

www.spilltech.co.za



Spill Response



Daily thousands of tons of oil, gas and hazardous materials are reported spilled into our oceans, land and air environments. The global trend is for this volume and number of spill incidents to increase.

Spill response is the action taken to reduce the harmful effect of a spilled product on its receiving environment. Regardless of whether the spill is the result of human error, mechanical failure, or environmental conditions, the clean up needs to be an immediate priority for the organization responsible for the incident. Spill Tech has a NATIONAL spill response network of associated companies to respond to any incident.

Call 083 253 6618 or 0861 000 366 to engage a response team.

Spill Tech is an approved emergency response contractor to most of the petroleum companies in South Africa.

Spill Tech has:

- HAZMAT technicians trained to NFPA standards
- HAZMAT operations trained responders
- HAZMAT response vehicles for oil and chemical spills on 24hr standby
- Large stocks of oil and chemical absorbents
- Pneumatic chemical and acid pumps and compressors
- Pneumatic hydrocarbon and solvent pumps
- Full range of PPE from level A to level D
- Decontamination units
- Emergency lighting and generators
- High volume diesel driven pumps

On receiving the call, Spill Tech will immediately dispatch a first responder who is able to correctly identify the goods and hazards and communicate with the relevant emergency services. The first responder will mobilize the team who will respond with the necessary equipment and consumables.

Spill Tech are prepared for all types of emergency situations utilizing experienced personnel, equipment and vehicles to respond to:

- Oil and chemical spills
- Over-turned chemical tankers
- Abandoned unknown chemical drums
- Illegal drug lab clean-ups
- Industrial factory floods
- Chemical fires
- Ruptured chemical process lines
- Chemical tank failure
- Dangerous reacting chemicals
- Unstable chemicals



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Biozorb applied to oil spill in harbour



Decanting Solvents



Biozorb being used to clean up spillage



Rolled oil tanker clean up



Tanker explosion

Specialised Services



Specialised Cleaning

Spill Tech handles specialised cleaning services covering confined space cleaning, high pressure cleaning, tank cleaning, laboratory cleaning and bulk material handling. Our range of specialised equipment includes breathing apparatus, cleaning equipment, extractor fans and PPE.



Fire Decontamination and Debris Removal / Industrial Flood Damage

Call Spill Tech to swiftly restore your fire/ flood damaged factory. From containing and pumping contaminated fire fighting and sprinkler water, to safely removing damaged drums, chemicals and shelving. Spill Tech has the equipment and expertise to restore disaster damaged premises.



Pumping / Up-liftments

Spill Tech provides a 24hour pumping service for product transfers and up-liftments. Using a range of Wilden air powered pumps, we are able to safely transfer hydrocarbons and chemicals from road tankers, tanks and filling stations. We also have 10 diesel driven, intrinsically safe spate pumps in our fleet. Call us to de-water your factory in the event of flooding or water damage.



Asbestos Removal and Demolition

Spill Tech is a Department of Labour registered asbestos contractor. Spill Tech will remove asbestos with trained staff under the supervision of an authorized inspection authority in compliance with government rules and regulations. We dispose of asbestos waste at approved landfill sites. Disposal certificates will be supplied. We have a full team of trained staff, equipment and PPE available to perform asbestos removal and demolition work. Please call Gerald Carmody for a free, no obligation site assessment and quotation.



Bioremediation of Polluted Sites

Bioremediation is a process of restoring contaminated land to its original condition by using micro-organisms and enzymes. Spill Tech will quote on the most economical method to restore your polluted site. We have years of experience and access to the best bioremediation products and techniques.

High Pressure Cleaning



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Mobile high pressure cleaning equipment



High pressure tank cleaning



High pressure cleaning of road surfaces

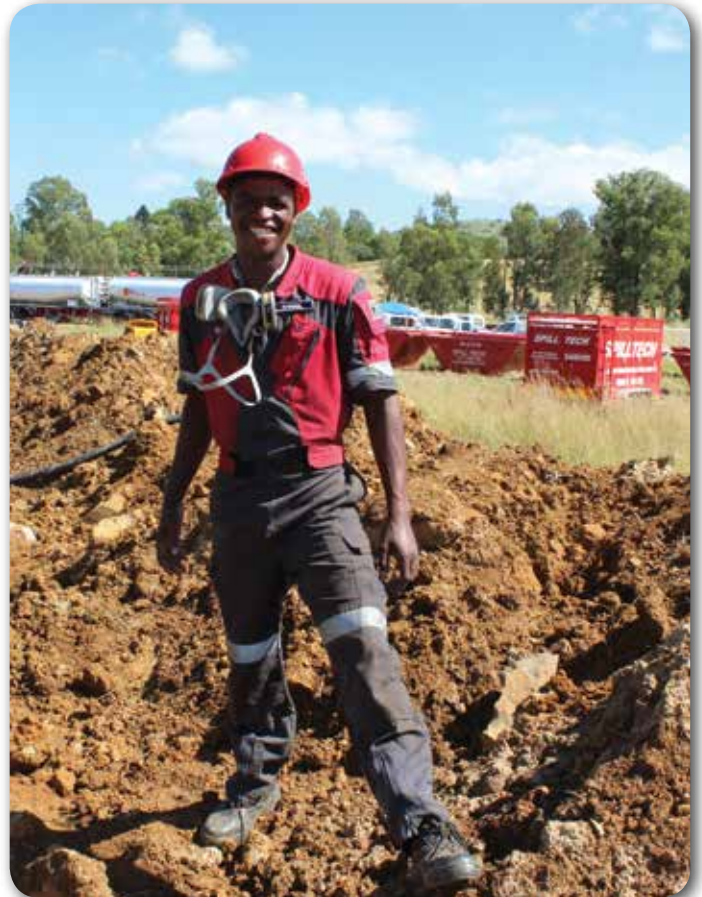


Marine Spill Response



Spill Tech is equipped to respond to any harbour, marine or inland water spill.





Spill Tech at Work



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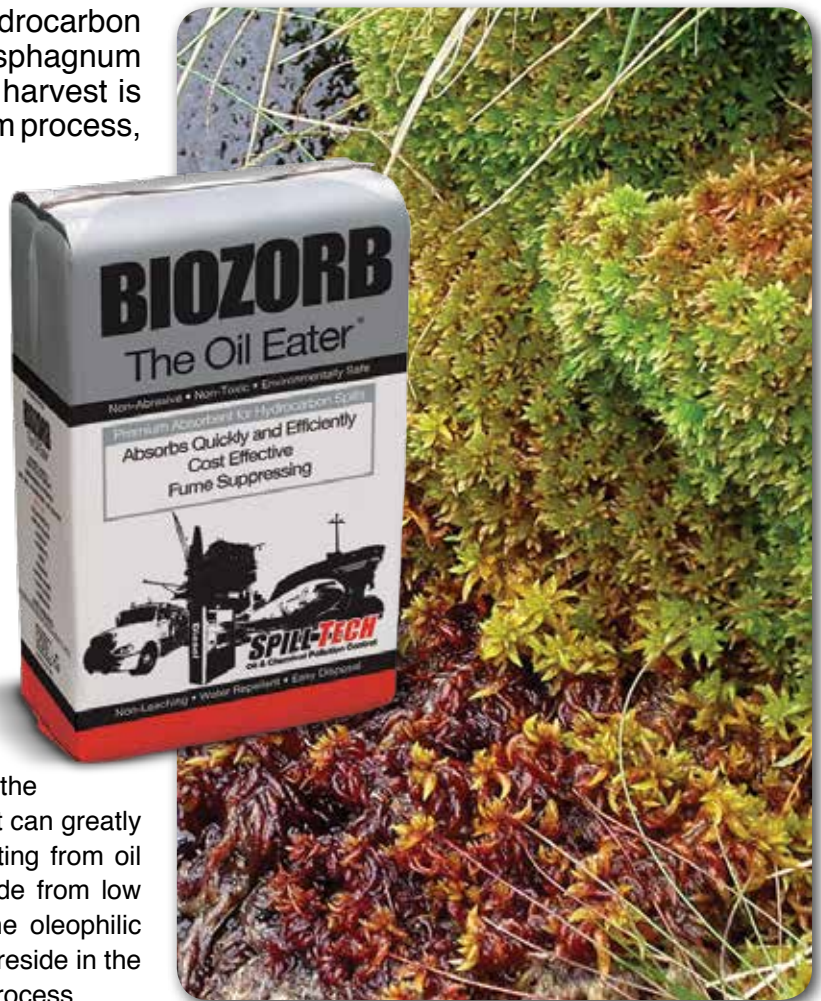


What is **BIOZORB**?

BIOZORB is a revolutionary oil and hydrocarbon absorbent made from premium Canadian sphagnum peat moss. The high-grade raw material we harvest is dehydrated through a unique proprietary steam process, which gives it unparalleled absorption capacities.

Peat moss is made up of small capillaries whose cells are full of water. When the peat is processed and the water is removed from these cells, the peat becomes “activated”. Once “activated”, the peat has a high capacity to absorb hydrocarbons into void cells which once contained water. **BIOZORB** absorbs oil, or other hydrocarbons, with a wicking or hydraulic action that draws the hydrocarbon into the cells and encapsulates the oil. The encapsulation of hydrocarbon takes place almost immediately on contact. The absorption capacity is the result of a very large surface area created within the activated peat.

Peat moss's environmental benefits as an absorbent of hydrocarbons hold great potential for changing the way the world disposes of its hazardous wastes. Peat can greatly reduce the risk of damage to the environment resulting from oil spills in water as well as on land. **BIOZORB** is made from low Von-Post-scale Canadian sphagnum peat moss. The oleophilic yet hydrophobic characteristics of the product mainly reside in the quality of the raw material and its proprietary drying process.



Nature's Answer to Spill & Leak Control on Land and Water

When cleaning a spill it is very important to select a material that is most suitable for the intended application at the most cost-effective price. All too often an absorbent is chosen based solely on the cost per bag and not the total clean-up cost, which is the equation of absorption ratio, time, labour costs and cost of disposal. **BIOZORB** is inexpensive, easy to apply, safe to use and easy to dispose of with up to 20 times less landfill volume compared to current standard absorbents.

BIOZORB is a lab-tested and field-proven industrial absorbent that is very economical and efficient. It will absorb, on contact, alcohols, ethers, solvents, hydrocarbons, paints, heavy metals with no risks of chemical interactions. **BIOZORB** will outperform any other absorbent on water as it can float for weeks absorbing hydrocarbons and remaining hydrophobic.

BIOZORB is one of today's preferred absorbents for spill clean-ups and remediation projects by professionals throughout the world. Sphagnum moss is a renewable resource and is harvested in harmony with nature.



A Natural Choice

Biozorb - The Oil Eater - is a natural hydrocarbon absorbent for professional use and is available in the following products.



Biozorb Peat Absorbent

- 100L & 200L bags
- Absorbs oil on contact

Biozorb Booms

- Absorbent booms for wet or dry surfaces
 - 2m or 4m booms
 - 8m per bag



Biozorb Cushions

- Filled with Biozorb
- 10 x 1kg Cushions
- Eyelets
- 50cm x 40cm

BIOZORB meets the criteria for:

- Sanitary Landfill Disposal according to EPA regulations (USA)
- Biodegradability Test (ASTM G22-76/ASTM G21-70)
- Paint Filter Liquid Test (Method 9095)
- Toxicity Characteristic Leaching Procedure TCLP (40 CFR 26)
- One Kg of product absorbs up to 10 litres of oil. (1 kilo / 10 litres)
- Contains no silica, whose particles are known carcinogens and are contained in clay products.
- Its ultra light weight makes it easy to handle and use, increasing workers' efficiency and diminishing risks of accidents.
- BIOZORB is hydrophobic (repels water), so it will work on water and under rain conditions.
- Sorbed hydrocarbons will not run off or leach out. This means they will biodegrade and will not be released back into the environment.
- Reduces explosive vapours up to 90% when applied to a flammable liquid, converting a volatile condition into a manageable situation.
- Unlimited shelf life when kept dry.
- Does not provoke dangerous interactions when in contact with chemicals.
- Non-abrasive, BIOZORB has a factor of 1 on the Mohr's hardness Scale compared to 7 for clay.
- High BTU value when incinerated with hardly any ash residue.

Who else uses BIOZORB?



Off-Shore Oil and Drilling Companies

As drilling is performed on water grounds, crude oil sometimes gush forth to the water surface. BIOZORB is then sprayed on the spill to contain oil from spreading into the sea and pollute waters.



Airports

FBO's and ARFF's care about the safety of their airports. When there is a spill it must be cleaned up right away. BIOZORB encapsulates avgas and jet fuel in 3 seconds.



Petrol Stations

Minor spills happen everyday in petrol stations. A few grams of BIOZORB will clean the spill right away. Show your customers you care about your premises being clean and your environment.



Fire Departments

A 100L bag of BIOZORB comes very handy on a fire truck. Spills are cleaned up in a fast, easy and environmentally safe way.



Ports, Harbours and Marinas

Regulatory bodies are becoming stricter on absorbents to be used in waters and port authorities are insisting on BIOZORB - a natural product that truly works.



Truck Fleet

A 100L bag of BIOZORB weighs about 10kg's and takes up very little space. Should a leakage happen while you're behind the wheel, you will feel safe and be happy to have the best absorbent with you.



Refineries

BIOZORB is used in refineries around the world. BIOZORB suppresses vapours, making spills safer and easier to clean up.



Industry, Factories

Keep BIOZORB wheely bin spill kits and BIOZORB loose fibre in your factory to have on hand to contain and absorb daily spillage. Prevent small spills from becoming disasters.

Absorbent Products



Oilsep

Oilsep - an all natural absorbent manufactured by Spill Tech. Oilsep will absorb oil whilst repelling water due to the hydrophobic characteristics. Oilsep will float indefinitely on full saturation. Oilsep products absorb instantly on contact, decreasing the risk of environmental contamination, and are suitable for all fuels and hydrocarbons. We stock Oilsep fibre, booms, socks and cushions.

Spill Tech imports the finest meltblown polypropylene for our range of oil and chemical scatter, booms, cushions, pillows, drum covers and pads. Polypropylene oil and chemical absorbents are suited to environments where dust free non-linting absorbents are required. Call us for a free quote.



Cushions



Absorbent Pads



Booms



Socks



Drum covers



Scatter



Oil & Chemical Spill Kits

Spill Tech Emergency Response Spill Kits ensure everything is at hand for the first responder to deal with the spill effectively and efficiently. All spill kits can be tailor made to any specification. Refill packs are available for all kits.

Spill Kits made to order

Call Spill Tech now for our latest specials on all sizes and configurations of Spill Kits. We stock small, medium and large Oil & Chemical Spill Kits as well as compact vehicle kits and Oil & Chemical Wheely bin kits.



Degreasers



Spill Tech have a range of biological cleaners and degreasers to solve all your pollution problems. Our products are environmentally friendly and safe to use. Call Spill Tech to advise on the most suitable product for your application.



Oilsep Bio 1

- A biological stain remover for even the most ingrained oil contamination
- Suitable for tarred surfaces



Oilsep Bio 2

- Non-flammable and biodegradable heavy duty water based degreaser
- Ideal for concrete surfaces



Acid Zorb

- Liquid solidifier
- Absorbs on contact. Can use on Sulphuric acid and nitric acid as well as other hazardous chemicals



Sump Skimmers

- Keep sumps, tanks and bilges oil free
- Float in sumps and remove when saturated



Drip Tray

- 77,6L drip tray
- 95cm x 95cm x 10cm



Sparkproof Shovel & Broom



Telescopic shovel

Bioremediation Products



Bio Treat

- Bioremediation treatment product
- 12kg Bag
- Cost effective alternative to disposal



Shock Tech

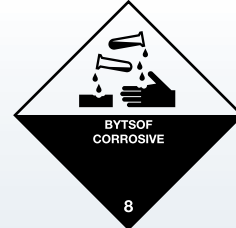
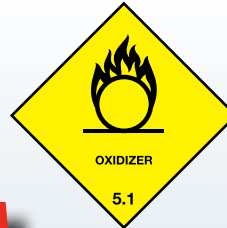
- Liquid bioremediation product
- Used in conjunction with Bio Treat
- 25L Drum

HAZMAT Awareness



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Spill Tech has a range of HAZMAT / Emergency posters and stickers that are freely available for your company. Call us and we will deliver a free Spill Tech HAZMAT Awareness pack to you.



Waste Management



Spill Tech has a fleet of Hazardous Waste Trucks and transport containers as well as two 10 000L Super Suckers. Call us to transport and dispose your hazardous waste.





Equipment & Vehicles



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Equipment & Vehicles





- Spill Tech has a state of the art 24 Hour Control Room and is manned by highly skilled operators
- Our fleet of vehicles is live tracked nationally from the central Control Room in Durban
- All Spill Tech vehicles are fitted with trunking radio and are in communication with the Control Room
- The Control Room has two dedicated 24 Hour emergency number 086 100 0366 or 083 253 6618

We have SA covered!



National Resources



Spill Tech Response Vehicles x 50



Hazmat Trailers x 36



4 Ton Response Trucks x 9



10 Ton Trucks x 2



Skip Trucks x 6



Skips x 400



Sludge Bins x 50



Super Suckers x 2



Compressors x 15



Chemical Pumps x 20



750 Bar HP Cleaners x 2



Water Treatment Systems x 4



Hydrocarbon Pumps x 40



Selwood Pumps x 2



Containers x 20



TLB's x 4



800m Inflatable Boom



400m Foam Filled Boom



Small Size Brush Skimmer



Collapsible Tank 7.6m³



1000m Heavy Duty Boom



Multi-Skimmer



Recovered Oil Storage Barge 25m³ capacity



Dispersant Spraying System c/w Afedo Nozzles for dispersant application

SPILL TECH[®]

Oil & Chemical Pollution Control

**24 Hour Emergency Response
Control Room & Call Centre**

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083 253 6618

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