



*Better solution to protect our world with the best bioremediation and absorption products.*

## USES AND APPLICATION OF ECO FIX SERVEC

Eco Fix Servec is the BEST granular organic absorbent product available. It is all natural, environmentally friendly, superior performance and biodegradable. **Not** harmful to the environment, **NO** depletion of natural resources.

The following are the best use and application for Eco Fix Servec:

- 1) The best product to use for hydrocarbon spills of hazardous and non-hazardous chemicals. **The following chemicals and hydrocarbons absorbed by ECO Fix Servec**

|                      |                    |                    |
|----------------------|--------------------|--------------------|
| Acetone              | Ethanol            | Naphthalene        |
| Ammonia              | Ethylbenzene       | Nitrobenzene       |
| Benzene              | Ethylene Glycol    | Paint (Oil Based)  |
| Butanol              | Gasoline           | Pentane            |
| 2-Butanone           | Glycerine          | Phenol             |
| Bromoform            | Hexane             | Propanol           |
| Carbon Disulfide     | Hexachlorobenzene  | Styrene            |
| Carbon Tetrachloride | Isoprene           | Tetrachloroethane  |
| Chloroform           | Jet Fuel           | Tetrachlorethylene |
| Chloromethane        | Kerosene           | Toluene            |
| Chlorobenzene        | Methanol           | Trichloroethylene  |
| Cutting Oils         | Methylene Chloride | Vinyl Acetate      |
| Dichlorobenzene      | Methylphenol       | Vinyl Chloride     |
| Diesel Fuels         | Motor Oil          |                    |

Our products result in short and long term economic and environmental benefits in your hydrocarbon spill management program. Its absorbing characteristics allow it to compete with all absorbents and lead the field in organic sorbents. The natural occurring **micro-organisms** promote enhanced bioremediation.

- 2) The BEST and Lowest cost solution for more efficient clean up of land, water and hard surface spills and for restoring contaminated sites, On Site Bioremediation for Hydrocarbon Contaminated Soils. (For clean up and restoration of any soil or land spill of any hazardous or non-hazardous chemicals). Actual field usage has proven a variety of contaminant compounds respond well to bioremediation. Petroleum hydrocarbons are at the top of this list, followed by wood preservatives (creosote) and chlorinated solvents. This process benefits end users in the oilfield, petrochemical refineries, wood processors, and industry in general. It provides one of the most cost-effective ways for waste treatment and significant risk reduction. By treating waste at the spill site, the need for soil removal, transportation, disposal and soil replacement is

eliminated. Again, the end user realizes both cost and risk reduction. This process is very effective in the treatment of **NON-HAZARDOUS OILFIELD WASTE** (NOW). When applied to hydrocarbon-contaminated soil, *ECO Fix Servec* absorbs more than 55% of the oil in less than 24 hours. In addition, the leaching potential of *ECO Fix Servec* is extremely low, with only .02% of the oil leaching potential of *ECO Fix Servec*. The indigenous microbes combined with essential nutrients also found in the core makes *ECO Fix Servec* very effective in bioremediation even at high oil contamination levels.

- 3) FOR SPILLS ON WATER *ECO Fix Servec* is hydrophobic and will remain afloat for long periods of time, allowing for easy removal. *ECO Fix Servec* will biodegrade hydrocarbons on water.
- 4) *Eco Fix Servec* is ideal for use by the following industries for each specific purposes;

**FIRE DEPARTMENT** – To contain and absorb fuel, oil and other hydrocarbon spills in an emergency situation such as auto accidents, fuel leaks, etc. *Eco Fix Servec* does not only absorb hazardous chemicals but it is also a highly efficient VAPOR SUPPRESSOR. It also neutralizes the flammability of Gasoline, Diesel and Jet Fuels once it is absorbed by *Eco Fix Servec* making it safer to dispose of. Also used in their motor pool and equipment repair and maintenance facilities.

**POLICE DEPARTMENT** – Same use as Fire Department since they are usually the first emergency team to arrive at an accident site.

**US AIR FORCE** – For use in absorbing Jet Fuel spills and for bioremediation of their previous contaminated sites where they used to dump soiled absorbent they use prior to using *Eco Fix Servec*. Also for use in their motor pool and repair and maintenance facilities.

**GASOLINE STATIONS** – For absorbing gasoline and petroleum spills. *Eco Fix Servec* does not only absorb gasoline but it is also a highly efficient Vapor Suppressor and neutralizes the flammability of Gasoline, Diesel and Jet Fuels.

**HAZMAT** – Emergency Response companies use this product to contain, absorb and dispose of hazardous chemical spills and leaks in accidents, industrial and commercial disaster.

**CHEMICAL REFINERIES** – For minor and disastrous spills and leakage especially containing and absorbing the most common hazard found in many refineries; **Benzene**. Also for bioremediating their existing contaminated dumping sites.

**SHIPPING PORTS** – For emergency use in case of leaks and oil spills on the pier and docked shipping barges used in transporting oil and other hazardous chemicals.

**SHIPPING LINES** – For use in their commercial shipping fleets as an on board emergency spill management, for use in the shipping vessel's boiler room and tanks.

**TRANSIT AUTHORITY** – For use in their maintenance and repair facilities to contain leaks and accidental spills and for cleaning dirty vehicle parts and maintenance worker's hands.

**OIL FIELDS** – For use in containing and absorbing spills and leaks, cleaning and rejuvenating old and abandoned oil fields.

**AUTOMOBILE REPAIR SHOPS AND GARAGES** – For use in absorbing gasoline, oil and other leaks. For cleaning dirty vehicle parts and for cleaning maintenance worker's hands.

**PARKING GARAGES** – For absorbing oil, gasoline and other leaks left by parked vehicles. Eliminating the risk of slippage and personal injury to the public.

**THE ABOVE ARE JUST A FEW OF THE APPLICATIONS WHERE ECO QUIK-SORB IS BEING USED.**

**Eco Fix Servec** meets or exceeds **US EPA** requirements **Fed.Req./Vol 57, No. 223**, c/o **CFR Parts 260, 265, 271**. Meets or exceeds US Coast Guards requirements for usage of natural absorbent.

With governments increased concern over the environment, the laws protecting the environment are becoming stricter each year. Our products provide a **NATURAL BIOREMEDIATION and ABSORBENT SOLUTIONS**.

**ECO Fix Servec** crops are grown using low input sustainable agriculture and meets **Executive Order 13101** identifying our products as environmentally preferable for **Government** Purchasing.