



**Bioremedial Cleaning Products  
for a Cleaner, Greener Planet.**

Environmental Solution, Inc.



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**PRODUCT  
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**SpillAway+**

## The many shades of Green...

**Greetings!**

The new year has delivered record breaking weather in terms of precipitation and temperature. As we approach Spring, I have a new appreciation for the warmer climate and the term, "Spring has Sprung." I am looking forward to milder temperatures, spring flowers and greener landscapes as well as the continued interest and awareness to the health and well being of our environment that is growing in popularity. ***Going Green, is no longer a perception, but a reality. "Green" is influencing every aspect of our lives from the food we eat to the cars we drive.***

As it becomes more ***important to make better choices that have consequential effects on our environment***, we need to learn more about the products and services we select. There are many claims of being "green" but realize that there are many "shades" or levels of "green." In addition, some products while being "green" don't have the power or benefits of their not-so "green" counterparts. An example may be your newly chosen multi-surface cleaning product that does not compare to the results of your previous cleaner.

At Environmental Solution, Inc. ***our products are not only truly "green" (natural, organic and not only safe but beneficial to the environment) but work better than the toxic cleaning agents currently being used.*** Our products ***deliver superior results that are also more economical.*** We are proud to offer a broad range of products for all your business and personal needs: Industrial, Commercial, Transportation, Soil & Water, Food Processing, Marine, Fire & Rescue, Refineries, Ocean Vessels and Bio-based Solvent Replacements. Contact us today to see how we can assist you in all your hydrocarbon contamination issues - ***We deliver "Green" products for a cleaner, greener planet!***

*Looking forward to hearing from you!!*

[John Paparone](#)

*"Treat the Earth well. It was given to you by your parents. It was loaned to you by your children" - Kenyan Proverb*

**SpillAway+** introduces a new era in the absorption and disposal of hydrocarbon contaminants in the work place. It is an active mixture of hydrocarbon-oxidizing, naturally occurring, single-celled micro-organism with a highly efficient pharmaceutical grade absorbency. **The highly effective "action" or benefits of this product make it the ideal solution to absorb oil, diesel fuel, gasoline, kerosene and other contaminants on solid surfaces.** **SpillAway+** is specially formulated to be **safe, environmentally enhancing, fast acting and both non-corrosive and non-hazardous.** The microbes used will literally "eat away" the hydrocarbons and organic waste, allowing for the total elimination of the contaminated spill/area. It will **completely absorb on contact and will not leach.** The surface will be **completely dry, free of the contaminant, and skid resistant.** As an added benefit there is a **significant reduction of hydrocarbon odor.** Because of the pharmaceutical grade of this absorbent and the completely harmless microbes that are used, **SpillAway+** bioremedial absorbent **can be used in most commercial and industrial environments including food processing and packaging areas.**

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## Bioremediation: Nature's Way to a Cleaner Environment



### *A small suburb in SC encounters hydrocarbon contamination and a surprising way to clean it up...*

Hanahan, South Carolina, is a small suburb of Charleston, and not unlike any other all-American suburb. In 1975 however, a massive leak from a military fuel storage facility released about 80,000 gallons of kerosene-based jet fuel into the environment. Immediate and extensive recovery measures managed to contain the spill, but could not prevent fuel from soaking into the permeable sandy soil and reaching the underlying water table used by many of the residents of Hanahan. Soon, ground water was leaching such toxic chemicals as benzene from the fuel-saturated soils and carrying them toward a nearby residential area.

By 1985, the contamination had reached the residential area, and the facility was faced with a serious environmental problem. Removing the contaminated soils was technically impractical, and removing contaminated ground water did not address the source of the contaminants. How could contaminated ground water be kept from seeping toward the residential area in the future?

One possible solution was **a new technology called bioremediation.** By "stimulating" the natural microbial community through nutrient addition, it was theoretically possible to increase rates of biodegradation and thereby shield the residential area from further contamination...

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## What is GREEN Cleaning?

Any discussion of green cleaning should start with a working definition of the topic. **Green cleaning means** the use of those products and services that have **a lesser or reduced impact on human health and the environment when compared with competing products or services that serve the same purpose.**

While simple in its approach, this definition incorporates several key concepts worthy of elaboration:

**Human Health.** Of course, **the principle purpose of cleaning is to protect human health** so any definition of green or environmentally preferable should address human-health

considerations. In the realm of green cleaning, this means ***we must give due deference to the health impacts cleaning has on custodial personnel and the occupants of the built environment where we are performing our cleaning activities.*** Special consideration should be given to more vulnerable populations, such as children, the elderly, and those with suppressed immune systems.

**Comparative in Nature.** Note that the above definition of green cleaning is comparative in nature. In other words, it does not set an absolute or final endpoint of what is environmentally preferable. Instead, it makes a comparison to competing products and services and thereby encourages continual improvement along the green spectrum.

**Performance.** Lastly, implicit in this definition is the concept that green products and services must perform their intended function of cleaning. It goes without saying that a cleaning product that cannot clean is a waste of resources altogether and is therefore the antithesis of environmentally preferable. More importantly, the performance of cleaning products is critical to maintaining a safe and healthy indoor environment.

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## **10 Resolutions** ***for a Cleaner, Greener Impact*** ***on our Environment...***



This year is a good time to make resolutions and do your part to help protect our environment and oceans. Simple changes in daily routines followed throughout the year can make a big difference. Many changes may even save money in addition to helping the environment. Here are our TOP 10 picks...

- 1 - REUSE and RECYCLE
- 2 - REDUCE YOUR WASTE
- 3 - USE A SPORTS BOTTLE FOR WATER

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