



# Environmental Edge Technologies, LLC.

Industrial Specialty Chemicals and Cleaners



Degassing, Clearing, Remediation  
Of LEL's, VOC's, H<sub>2</sub>S, SO<sub>2</sub>, Benzene



**Better Products.  
Better Value.**

## ENCAPSULATION TECHNOLOGY



Products engineered to reduce VOC's/ LEL's; H<sub>2</sub>S, SO<sub>2</sub> vapors and gases on contact, eliminating need for multiple water fills and steam circulating or time consuming purging with Nitrogen or hydrocarbons. Enhances penetration, flow and release of solids from surfaces and inhibits re-adherence. Reduces time and labor necessary to clear & clean by up to 80%.

## CLEANING DEGREASING



Multi-functional, non-hazardous, heavy duty aqueous based and non-petroleum solvents developed to reduce health risks, costs and liabilities. These non-toxic, low-foaming formulations meet or exceed the performance level of traditional harsh chemicals and solvents. Also meets new and strict health and environmental standards and in many cases, mitigates hazardous classification of wastes.

## SPILL RESPONSE



Aqueous concentrated blends of advanced non-toxic surfactants and aerobic, natural microbes. Breaks down and encapsulates on contact, immediately reducing risk for fires and explosions, slippery conditions and oil sheens. Hydrocarbon digesting microbes continue to function after clean-up, biologically eliminating harmful contaminant residuals on land or sea.

## BIOREMEDIATION/WASTE MITIGATION



Aqueous, non-toxic concentrates with natural, oil-consuming microbes and non-petroleum solvents. The easy, all natural way to restore heavily contaminated areas to like new. Eliminates "dig and haul" disposal costs and associated liabilities and can be accomplished without downtime/ loss of production.



We provide new advances in encapsulation and bio-technology proven to reduce health risks, time, cost and liabilities associated with the clearing and cleaning of hydrocarbons in tanks, pipelines, vessels, filter pots, caustic towers, coalescers, and downhole/drilling equipment.

Tank Clearing/Cleaning

Lube Blending/Distribution



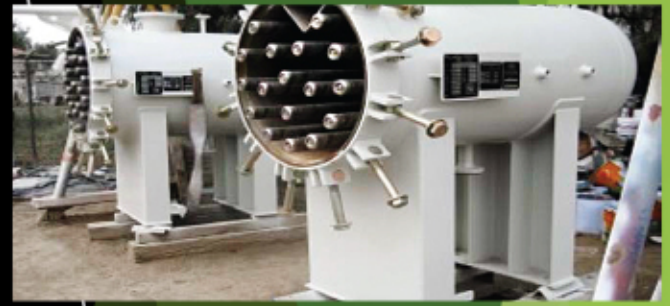
Coalescer Degassing



Pre-Filter Clearing



Pipeline Pigging/Clearing



Liquid Vapor Scrubbers



Oil Exploration and Drilling -North Sea



Video demonstrations and Powerpoint presentations at [www.environmentaledgetech.com](http://www.environmentaledgetech.com)  
for live demonstration, call 281.546.9800

**Natures Edge Industrial (NEI)**, is engineered to reduce VOC's, LEL's, H2S, SO2, Benzene, vapors and gases on contact eliminating the need for multiple water fills, steam/chemical circulating and even thermal oxidizer (TO) units. NEI is a wetting agent/penetrant that inhibits adherence and build-up of sticky residues and solids. NEI is a non-hazardous, aqueous based, multi-functional Industrial concentrate with oil consuming microbes.

**Gold Edge (GE), X40 Gold Edge (X40)**, are non-petroleum based solvents that are non-toxic, flash point above 400 (GE) and 200 (X40) degrees PMCC and will dissolve asphalt at ambient temperature. X40 is GE with select additives allowing X40 to break down and dissolve paraffin based hydrocarbons and many polymer/plasticizer materials. According to the scope of work, a protocol can be prepared whereby the products are used separately or together as a system.

**Emerald Edge Industrial** is an aqueous, non-toxic, non-hazardous, biodegradable multi-purpose neutral pH cleaner and degreaser premium concentrate. Contains no corrosives, abrasives, butyls, bleach or ammonia, and has no irritating fumes or pungent odors. The result of several years of research, Emerald Edge Industrial effectively dissolves and lifts tough oil grease and dirt from all water washable surfaces. It provides fast action for easy rinsing and drying using water, compressed air or wiping with towels, leaving an extremely clean and bright finish, free of oily or powder residues.

### **Benefiting Clients**

Enterprise Products  
British Petroleum  
Texas Petrochemical  
Statoil North Sea  
Marathon Oil

Shell  
Williams Olefins  
Monument Chemical  
ConocoPhillips North Sea  
Houston Fuel Oil

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