



Carbon and Hydro-Carbon Pollution Solutions

The first complete oil spills remediation solution!

Patented Hydro Carbon Solidifier

Acomplish Astounding Results In Record Time!

WELCOME

About The Climate Cleanup Group

The Climate Cleanup Group now reaches from *"The Heights of the Sky to The Depths of the Oceans"* in our capability to provide Carbon Pollution Solutions to ensure the survival of life on planet Earth!

In the past this entire field has been neglected by the Oil and Gas industry and man's relentless pursuit of economic development with scant regard for environmental impacts on life on this beautiful planet we call home.

Our patented Oil Spills Solidifier® is designed to change the historical neglect of the damage hydro carbons (petroleum derivatives) cause when released in their raw state into the environment without proper safeguards.

Our new Patented Oil Spills Solidifier® to clean up oil spills is the most recent addition to The Group's CARBON POLLUTION SOLUTIONS capability.

The purpose of our group is to ensure the survival of life on planet Earth! This is why we originate and market a unique range of Hi-tech and Knowledge Intensive products designed for wide spread global usage.

In particular our core businesses deliver Knowledge Intensive and Hi-tech Carbon and Hydro-Carbon Pollution Solutions including The World's First Revolutionary and Universal CO2 Emissions Black Box Reduction Device to reduce the most immediately threatening Greenhouse Gas and handle Climate Change.

Our view is that mankind cannot avoid facing up to the responsibility of removing pollutants he introduces into the environment. Waiting for some fuel source substitute to arrive on the scene in the future of never never land is playing into the devil's hand. Let's use the technology we have available now and get on with the job of acting responsibly for the sake of both ourselves and future generations and clean up our act on the planet!



The First Complete Oil Spills Remediation Solution! PATENTED HYDRO CARBON SOLIDIFIER®

Introduction

Complete Economic & Environmental Efficiency For Oil Spills And Emergency Response.

Nations are increasingly promoting themselves as pristine Eco Tourism destinations however their economy can be permanently wiped out over night by an oil spill. This means a huge damages pay out for insurance companies and the tanker owner in addition to clean up and future insurance costs.

Prevention is far better than an oil spill clean-up operation. It is true with our patented hydro carbon Solidifier® you can cut oil clean-up time and labor costs by up to 50 and even 75 percent (recover oil and solidifier for reuse - capture heavy metals - without toxic effects) resulting in clean-up cost savings of millions and even up to hundreds of millions of dollars. But even beyond that at the top end is the case of actually saving a nation or tourist destination from a permanent economic and environmental breakdown, saving even billions of dollars. **Does your national oil supplier give you the protection of our technology and Solutions? If not, demand that they do.**



Global Eco Tourism

Your Prize Beach?

Paradise Lost!

You Clean It Up

Solutions

Offshore and Coastal Oil Spills

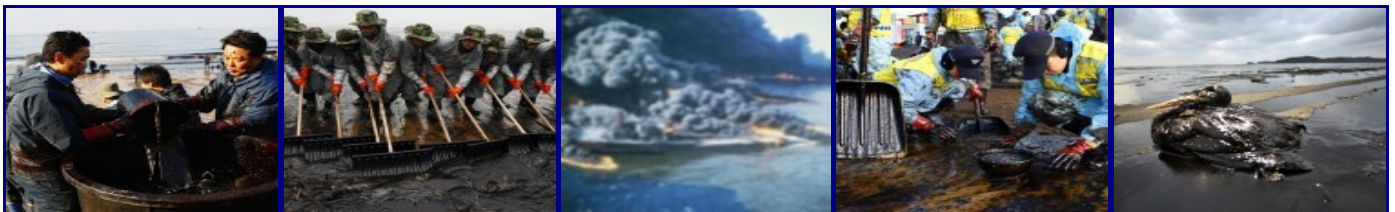
Traditional oil spills remediation has been a primitive exercise in contrast to our Prevention Solutions (restricting the flow of oil at source), Recovery Solutions (oil and Solidifier® recovered for reuse), Environmental Solutions (non-toxic and captures heavy metals) and Economic Solutions (time and cost reduction > 50%). This has been due to the lack of an available technology.

The point is that pollutants cannot simply be ignored - oil and other hydro carbon derivative liquid spills ("oil spills") demand actual removal of the hydro carbon and heavy metals it contains ("pollutants") from the environment of the spill, whether offshore or onshore. It is not enough that the pollutants are no longer obvious to the naked eye.

Historical methods of oil spill remediation have been dangerously laborious with exposure of workers to deadly toxic fumes and in the end wholly unable to remove the pollutants from the environment.

The handling of oil spills has involved application of toxic chemicals in attempts to thin and disperse the pollutant with scant regard for damage to life in the area - birds, mammals and fish stocks.

Similar to the unbridled Gas Flaring of petrochemical plants, the burning of oil on the open sea out of view is another barbaric method of disposal of oil spills emitting tons of carbon dioxide (CO2) pollution into the atmosphere and accelerating climate change.



Exposure to Toxins

Time Intensive

Open Air Burning

Labor Intensive

Death For Wild Life

Licensing

Technology Transfer

Contractual legal rights to the use of our Patent for the Oil Spills Solidifer® are obtainable by standard Licensing practices following the guidelines laid down by [The World Intellectual Property Organisation](#) for the licensing of IP.

[Please visit our Licensing Enquiry Site](#) to advise us of your interest to obtain a quotation for your particular desired use of our IP [click here](#)

Causes

Causes of Oil Spills Accidents ; Drilling-Transportation and Storage-Pipelines

Any nation or tourist destination close to oil drilling or shipping lanes is at high risk of experiencing economic collapse and the disastrous environmental effects of oil spills and needs to be properly prepared to clean up oil spills....more

Oil Spills are inevitable and occur constantly at all stages of oil and gas production. The levels of oil spills pollution reach lethal limits for marine fauna, mainly for birds, mammals and fish stocks.

Blowouts of oil and gas release numerous heavy metal chemical substances and compounds into the environment. Accidents are caused by equipment failure, human error, and extreme impacts - seismic activity - ice fields - hurricanes - terrorism. The environmental remediation problem is especially severe near the shore.

Drilling accidents - no other situations but tanker oil spills can compete with drilling accidents in frequency and severity.

Transportation and storage accidents - running aground and into shore reefs, collisions with other vessels, and fires and explosions of the cargo - according to official data [IMO, 1990], the total volume of oil spills pollution was 500,000 tons a year.

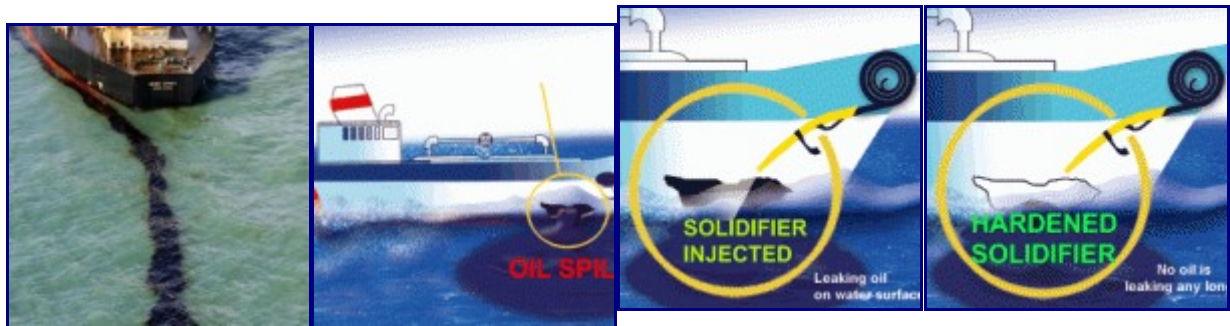
Pipelines - pipelines are among the main factors of environmental risk during offshore oil developments, along with tanker transportation and drilling operations. Onland pipelines also pose danger to the coastal marine ecosystems if located near rivers as eventually spills reach the river mouth. Acknowledgement: [Stanislav Patin, Ph.D](#)

Prevention

Restricting and Blocking The Flow Of The Spill At Source

The expensive and unnecessary loss of ships due to damage to the hull can now be avoided. It is obvious that a "Sinking Safety System" is as important for both the ship's and the environment's survival as existing "Fire Safety Systems". We can now prevent tanker leaks from becoming full blown oil spills catastrophes.

In addition to the recovery of the oil and our patented Oil Spill Solidifier® - the extent of needed remediation and clean-up cost and effort can be controlled. For example, any cause of damage to a tanker's hull from inside or outside can be blocked by causing our patented Oil Spill Solidifier® to react with the oil cargo in the bulkhead to manifest a solid mass to block the outflow of oil and the inflow of sea water. This means that the bulk of tanker oil spills can be contained by the ship's crew. This also applies to oil pipelines.



Stop Oil Spills Here

Damaged Tanker

Injection Of
Solidifier

Oil & Solidifier
Harden

Solidifier

A New Tool Accomplishing Astounding Results In Record Time

Our patented Oil Spill Solidifier® provides a new tool for Tanker Owners, Emergency Response Teams, On-site Coordinators and Environmental Clean-up Companies. Compared to the lackluster performance of skimmers and absorbent booms in recovering oil and other hydrocarbon spills from water, solidifiers accomplish astounding results in record time.

- As soon as our patented Oil Spills Solidifier® comes into contact with any type of hydro-carbonate derivatives it changes the carbon-link immediately causing a new solid composite mass.

For emergency application the patented Oil Spill Solidifier® active ingredient is sprayed in pulverized form over the oil surface by means of a high-pressure gas in a quantity equal to the oil (this can be decreased to 10-20% oil equivalent for ongoing remediation). Then it solidifies and hardens creating a solid (foam-like) substance floating on the water (or land) surface. The solidified material can be collected by mechanical means. A 95-99% efficiency can be achieved in cleaning the water surface by removing the solidified material. Both the patented Oil Spill Solidifier® active ingredient and the oil can be extracted from the solidified material by means of a simple process already developed and available. The spraying equipment can be mounted on the back of a boat (assisting boat) or can be implemented on shore.

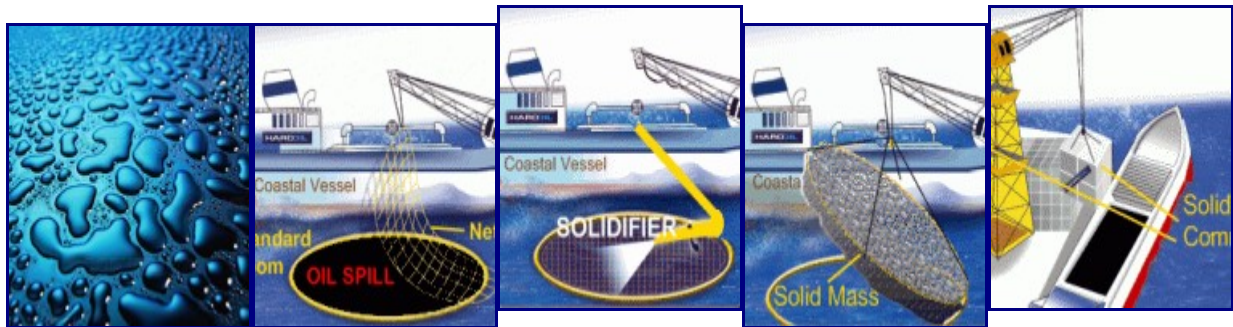
Recovery of Hydro Carbon and Solidifier

The separation process provides the opportunity to extract, recycle and resell the oil. The remaining patented Oil Spill Solidifier® active ingredient can be re-used as well. The separation loss is around 5-15%. As a result of an ongoing and continuous remediation process of gathering and separation, the use of the patented Oil Spill Solidifier® active ingredient could decrease from 100% oil equivalent to 10-20% oil equivalent. The recycled and re-sold oil covers a significant part of the patented Oil Spill Solidifier® active ingredient cost. The patented Oil Spill Solidifier® active ingredient used is non-toxic and it is not harmful to wildlife. The patented Oil Spill Solidifier® complies with international ISO standards. An expert opinion of the Institute for Protection of Water Quality attached to Water Management Scientific Research Inc. is available.

Remediation

Revolutionary Speed, Low Economic Cost and Environment Friendliness in Oil Spills Remediation

Using our non-toxic patented Oil Spills Solidifier® for the containment and recovery of oil spills avoids generating any waste bi-products while also ensuring the maximum protection to life forms and humans in both the marine and onshore environments. Economic savings from the clean up made possible by our patented Oil Spills Solidifier® by the removal of the oil and associated heavy metals yields savings of billions of dollars for local resident populations, tourist industries and all life forms in the environment.



Oil Spill

Recovery Setup

Solidifier Applied

Solid Mass

A New Commodity



Please Visit The Climate Cleanup Group Home Page



<http://climatecleanup.com/>

thank you