

Sheen Magic

Hydrcarbon Sheen Remover

PRODUCT INFORMATION

Plutus Environmental Group (PEG) offer a new and entirely environmentally safe approach to hydrocarbon remediation problems.

We specialise in quick, effective and environmentally-safe products, specifically designed to provide solutions to companies who deal with the treatment of hydrocarbons. PEG sell worldwide and also have exclusive rights to trade these products. For more information on our unique products, international client-base, successful case studies and our 100% proven track record, contact us today at info@plutuseg.com

What is **Sheen Magic**?

Sheen Magic® is a non-hazardous, non-toxic blend of food grade products that are formulated to remove hydrocarbon sheens on salt, fresh or brackish waters.

Sheen Magic® performs as a crystal modifier when it is used correctly and is used as directed. Sheen Magic® works in a similar manner as ESafe® and has the unique ability to break the surface tension of the hydrocarbon molecule as it relates to aqueous molecules. This action is in effect a change in the balance of the van der Waals radii and London forces of the molecules to destabilize molecular chain and partially break the hydrogen - carbon bond thereby removing the sheen. This lattice configuration assures the non-recombination of the hydrocarbon chain. The hydration effect achieved by the lattice configuration eliminates flashpoint hazard.

These new compounds are in effect simple sugars that exhibit no resemblance to normal hydrocarbons. There are no VOCs, HAP or OD contaminants present after treatment. There are no flammable vapors or hydrocarbon residuals remaining and the flashpoint hazard is removed. The new compounds become nutrients for naturally occurring microbes that are present in the soil or water where the hydrocarbon contamination is present. Treatment is normally in-situ with no subsurface soil removal required and no additional water/oil separator action required. Generally no personal protection equipment is required.

Depending upon the hydrocarbon chain and the Sheen Magic® volume applied to the contaminated area, the remediation action time may be as short as a few minutes. Normal treatment of severe sheen contamination is completed in hours. No hydrocarbons are emulsified or sink to the bottom as when treated with emulsifiers or detergents.



Sheen Magic® works on contact



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

17 NOV 2006

Mr. James F. Hatcher, Jr.
PLUTUS Environmental Technologies, Inc.
P.O. Box 5104
Sevierville, TN 37864-5104

OFFICE OF
SOLID WASTE AND EMERGENCY
RESPONSE

Dear Mr. Hatcher:

Thank you for providing the technical product data required by the National Oil and Hazardous Substances Pollution Contingency Plan (NCP), 40 CFR Part 300, on your product "Sheen-Magic®." After conducting our review, your data submissions have satisfied the requirements contained in Title 40 of the CFR section 300.915 of the NCP. "Sheen-Magic®" will be listed on the NCP Product Schedule under the Surface Washing Agent (SWA) category and may be authorized for use by Federal On-Scene Coordinators in accordance with 40 CFR section 300.910. The technical data for this product will be kept on file by the Office of Emergency Management Regulation and Policy Division Oil Program Center pursuant to 40 CFR section 300.920.

Enclosed are some of the relevant provisions in the NCP on restrictions regarding the listing of your product. Please note, you are required to notify the Environmental Protection Agency (EPA) of any changes in composition, formulation, handling procedures, or application of your product. Based on this notice, EPA may require retesting of the product.

Also, note that the listing of "Sheen-Magic®" on the NCP Product Schedule does not constitute approval, certification, authorization, licensing or promotion of the product; nor does it imply compliance with any criteria or minimum standards for such agents. Failure to comply with these restrictions or the making of any improper reference to EPA in an attempt to demonstrate approval or acceptance of the product will constitute grounds for removal of the product from the schedule.

Please review the enclosed information and contact Ms. Leigh DeHaven in the Office of Emergency Management at (202) 564-1974 if you have any corrections or questions.

Sincerely,

R. Craig Matthiessen, Director
Regulation and Policy Development Division
Office of Emergency Management

Internet Address (URL) • <http://www.epa.gov>

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No. 1: Diesel Fuel Spill in Creek

May 05, 2008

Sevier County, Tenn. — A spill of diesel fuel into a small creek occurred early this morning when a package delivery truck left the road and turned on it's side. Fuel leaked into the creek and then created a surface sheen that flowed downstream for approximately 1/4 mile. The amount of fuel released was unknown.



The Sevier County Emergency Management Office was alerted by the recovery vehicle operator. The local fire department placed strategically located containment booms to slow the spread of the contaminant. Management officials had a one quart spray bottle of SHEEN-MAGIC© Environmentally Safe Cleaner in the responding vehicle. This small amount was used for the cleanup effort.

TREATMENT: Emergency Management personnel applied SHEEN-MAGIC© Environmentally Safe Cleaner to the site. The application process was to deliver the product, undiluted, directly to the spill surface from the spray bottle. Approximately one quart of SHEEN-MAGIC© was used in the cleanup effort. The small volume of water in the creek carried the soluble SHEEN-MAGIC© down stream. The sheen was eliminated on contact with the SHEEN-MAGIC©. Examination with monitoring equipment confirmed the diesel contamination of the stream was removed with the initial treatment.

RESULT: After treatment with SHEEN-MAGIC© no other action was required by Emergency Management personnel.

Site declared to be clean and safe.

Ref: John Fox
Director
Sevier County, TN
Emergency Management Agency
Tel: 865 659 4919



No. 2: Diesel Fuel Spill In Creek

May 05, 2008

Sevier County, Tenn. — A spill of diesel fuel into Valentine Branch was discovered early this morning by a local grading contractor. The contractor had parked equipment on an incline causing diesel fuel to leak onto the ground. The fuel flowed into the adjacent branch where it flowed downstream for approximately 1/4 mile. The amount of fuel released was unknown, but estimated to be 8-10 gallons.



The Sevier County Emergency Management Office was alerted by the contractor. The local fire department placed strategically located containment booms to slow the spread of the contaminant. Management officials ordered SHEEN-MAGIC® Environmentally Safe Cleaner for the cleanup effort. Time was critical as the flow must not be allowed to reach a larger stream. 5 gallons of SHEEN-MAGIC® was rushed to the spill site.



TREATMENT: Emergency Management personnel applied SHEEN-MAGIC® Environmentally Safe Cleaner to the site. The application process was to deliver the product, undiluted, directly to the spill surface via low pressure garden type sprayer. Approximately 5 gallons of SHEEN-MAGIC® were used in the 2 hour cleanup effort. Examination with monitoring equipment confirmed the diesel contamination of the stream was removed with the initial treatment.

RESULT: After treatment with SHEEN-MAGIC® aquatic life has returned to stream site. No other action was required by Emergency Management personnel. **Site declared to be clean and safe.**



Ref: John Fox
Director
Sevier County, TN
Emergency
Management
Agency
Tel: 865 659 4919





SAVE ON COSTLY CLEAN-UPS

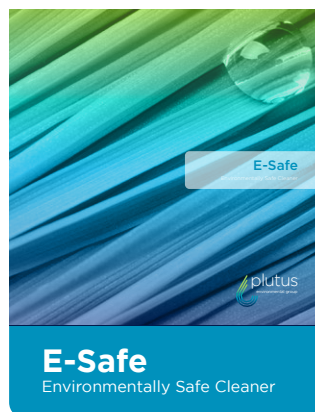
Avoid costly environmental clean-ups with Plutus Environmental Group's (PEG) range of environmentally safe, effective, 100% proven hydrocarbon remediation products. For more information contact us today

info@plutuseg.com or visit our website www.plutus-environmental.com



PRA

Our top seller PRA works to keep paraffin wax in the oil phase and prevent further downhole accumulation. It has been found to increase your productivity and pay for itself after the first treatment.



E-Safe

Our top product for hydrocarbon removal on land. It works on all land areas contaminated by fuel spills including soil, sand, tarmac and concrete. E-Safe breaks down the spill (oil, petrol, gasoline and diesel) into nutrients for naturally occurring bacteria in the soil to consume.



HEAD OFFICE

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