



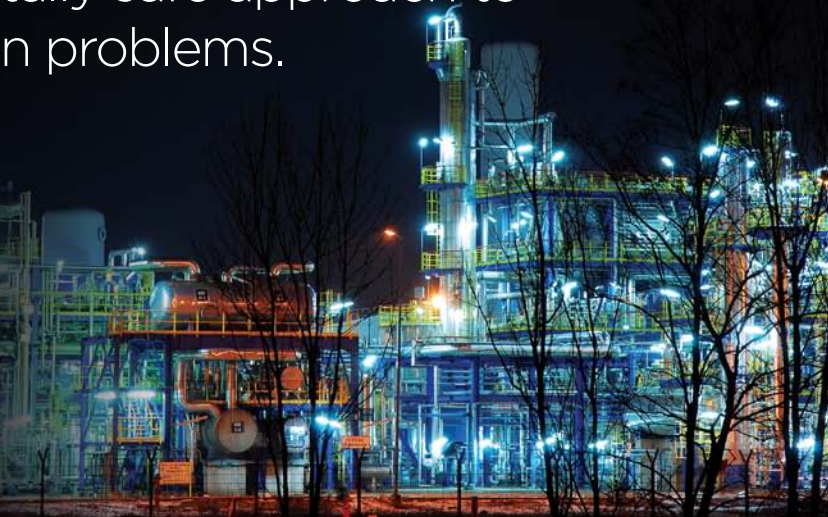
ESafe

Environmentally Safe Cleaner

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 **ESafe**?

- 🔥 **ESafe** is an environmentally safe, highly confidential blend of organic materials; natural surfactants, degreasers and emulsifiers.



Plutus Environmental Group's products are 100% biodegradable and zero Hazmat rated.

- 🔥 All PEG products contain no chemical solvents, abrasives, acids, butyl, nitrates or phosphates.

- 🔥 They are non-toxic, non-flammable and contain no microbes, chemicals, dispersants or detergents.



HOW DOES IT WORK?

ESafe breaks down hydrocarbon compounds by permanently altering their chemical makeup.

The contamination is converted into simple sugars, carbon, minerals and water, which naturally occurring bacteria or microbes consume.

Our product works by penetrating deep into the spill following the hydrocarbon path. It is assisted by the saturation of water, which works as a carrier lifting the hydrocarbon spill to the surface.

ESafe also works to eliminate the flashpoint of fuel. No combustible vapours remain after application.

This PEG product can be easily applied by your own technicians. We also offer expertise troubleshooting and onsite supervision from our fully trained engineers and technicians.

For more information contact us today info@plutuseg.com or visit our website www.plutuseg.com



ESafe application

WHY CHANGE FROM YOUR EXISTING METHOD?

Save Money

- ESafe is at least 35% cheaper than other known treatments.
- Only one application of ESafe is required in most cases, unlike other treatments which need frequent reapplications. Our product is even more effective when it is saturated with water.
- ESafe goes further than most land hydrocarbon remediation products. Application for hard surfaces and floors is 1 US gallon 400 sq feet coverage and for soil contamination 1 US gallon per 100 feet coverage.
- No expensive application equipment is required.

Quick and Effective

- Our product works on contact. It is even proven to accelerate your existing bioremediation processes.

Continuously Effective

- ESafe is not affected by high or low extremes of pH levels or temperatures. ESafe does not become dormant, freeze or evaporate.

Safety First

- All PEG products are environmentally safe and cause no damage to marine or human life. Most people can safely immerse their hands in ESafe.

100% Effective

- PEG products are proven to be 3 to 5 times more effective than chemical detergents or dispersants

Quick and Effective

- Eliminate expensive and difficult environmental clean-ups on water with our other environmentally safe hydrocarbon remediation product Sheen Magic

WHAT ELSE CAN ESAFE DO?

- Our products are often multipurpose. We have thoroughly tested ESafe and found that it can be used as:

A fire retardant

- After one application ESafe works to reduce the flashpoint of fuel and prevents ignition. It leaves behind no combustible vapours.

Anti-Slip and traction cleaner

- Our product increases traction and eliminates slippages from diesel and fuel spills in one application.

A powerful degreaser

- ESafe is an effective multipurpose cleaner and degreaser. Removing any grease or oil deposits from surfaces after one application.

Mould prevention and cleaner

- This PEG product quickly kills algae, mould and mildew and acts as a deterrent to future growth on all surfaces.
- A stimulant in waste treatment processes ESafe increases biological activity in hazardous waste.

WHERE CAN PEG PRODUCTS BE USED?

Anywhere

Our products are effective cleaning solutions for a variety of commercial and industry processes.

- Oil Industry
- Environmental clean-up
- Motor maintenance and repair
- Fuel spills and traffic accidents
- Hazardous waste management
- Land remediation

Ask about how you can eliminate expensive and difficult environmental clean-ups on water with our environmentally safe hydrocarbon remediation product

Sheen Magic.



Before ESafe application: Hydrocarbon pipeline leak



After ESafe application: Hydrocarbon pipeline leak

For more information contact
us today info@plutuseg.com
or visit our website
www.plutuseg.com



State of California - The Resources Agency

DEPARTMENT OF FISH AND GAME

<http://www.dfg.ca.gov>

Office of Spill Prevention and Response

1700 K Street, Suite 250

Sacramento, CA 95811

(916) 445-9338

ARNOLD SCHWARZENEGGER, Governor



July 25, 2008

Mr. James F. Hatcher, Jr.
Plutus Environmental Technologies Inc.
807 Mize Lane
Sevierville, TN 37862-3027

Dear Mr. Hatcher:

Thank your interest in gaining licensing for use of your product, "E-Safe®." We received and reviewed the application and supporting documentation you provided. The information contained with your application package and subsequent submittals satisfies the breadth of information required by the regulations.

Enclosed is your license for the Oil Spill Cleanup Agent (OSCA), "E-Safe®." Unless revoked for good cause, this license is valid until July 25, 2013. At the time of renewal, a \$100 fee must be submitted to us, along with a written confirmation that the composition of your product has not been altered and that it meets the current licensing requirements.

As a surface washing agent, "E-Safe®" may be used on shorelines, surfaces, and structures that are in contact with waters of the State of California. The appropriateness of such use will be made on a case-by-case basis at the time oil is released into the waters of the State and is contingent upon approval by the Administrator of the Office of Spill Prevention and Response and the Regional Response Team, Region IX.

Should you have any questions or need any additional information regarding this letter of the licensing of your product, please contact Ms. Yvonne Najah Addassi of my staff at telephone number (916) 324-7626.

Sincerely,

Bud Leland
Deputy Administrator
Office of Spill Prevention and Response

cc: Ms. Yvonne Addassi

Enclosure

Conserving California's Wildlife Since 1870

التاريخ: ٢٠١٠/٩/٢١
الرقم: ٢٤٨٢٠٥٨٠/٢٤٨٢٠٥٨٠

المحترمين

السادة /شركة الحلول المتكاملة للبيئة

تحية طيبة وبعد،،،

ص.ب: 4098، الكويت 13041

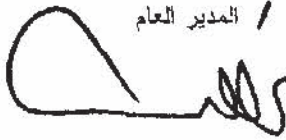
تلفون: 24610817/8 - 24610872 فاكس: 24610819

الموضوع: موافقة الهيئة العامة للبيئة E-safe

بناء على كتابكم الوارد إلينا بتاريخ 6/يوليو/2010 بخصوص طلبكم بتعديل البند رقم (2)، و كتابنا الصادر بتاريخ 8/يونيو/2010 رقم هـ.ع.ب/2886 وبعد الاطلاع على الأوراق المقدمة من قبل الشركة ودراستها من قبل مختصي الهيئة العامة للبيئة، نود إحاطتكم علماً بأنكم قد تقدمتم بالكatalog الخاص بالمنتج E-safe وبعد الاطلاع على (MSDS) للمادة المذكورة أعلاه المقدمة من قبلكم تبين لنا الآتي:

- 1- أنها مادة سائلة عضوية لا تحتوي على مواد كيميائية، حيث تعمل هذه المادة على تحويل المواد الهيدروكربونية إلى مواد مغذية للبكتيريا المتواجدة بالمنطقة، عن طريق تكسير الروابط الهيدروكربونية..
 - 2- تقوم المادة بالمعالجة السريعة دون الحاجة إلى إضافة أية مواد كيميائية أو مستحلبات.
 - 3- يزيل العفن ومنع تكون الطحالب.
 - 4- تتماشى مع المعايير ومقاييس وكالة حماية البيئة الأمريكية.
- وفي حال التخلص منها يجب عليكم التنسيق مع الهيئة العامة للبيئة - قسم التحكم بالمخلفات لإفادتكم بالطرق البيئية الآمنة، ويجب عدم صرفها إلى المجاري. هذا عللزم الإحاطة به.

وتفضلوا بقبول فائق الاحترام،،،

المدير العام


محمد بن أحمد بن محمد العنزي

لسم يوسف: م. /مهندس الإبراهيم
م. رئيس قسم التحكم بالمخلفات بإدارة: ص.ب: ٢٤٨٢٠٥٨٠
مدير إدارة طيف الصناعية بالآلية: م. /مهندس العنزي
كلت



**Environment Public Authority
State of Kuwait**

Office of the Director General

Date: 21.09.2010
Number: EPA/ 4634

Messrs/ Integrated Environmental Solutions

Dear Sirs,

P.O. Box 4098 Kuwait 13041
Telephone: 24610817/8 – 24610872
Fax: 24610819

Subject: Approval of the Environment Public Authority E-Safe

Based on your letter sent to us on July 6th 2010 with regard to your request to amend article (2) and our letter issued on July 8th 2010 numbered EPA/2886; having perused the papers presented by the company and having studied the same by the specialists at the Environment Public Authority, we would like to inform you that you have presented the catalogue with regard to E-safe product; and having reviewed the material safety data sheet (MSDS) of the said substance, we would like to inform you of the following:

1. It is an organic and liquid substance which does not contain any chemicals, as the same works on transforming the hydrocarbon material to material nutritious for bacteria in the area by means of breaking the hydrocarbon bonds;
2. The substance quickly treats, without the need for adding any chemicals or emulsifiers
3. It removes molds and does not allow for the formation of algae



Serious experience for serious times.™

Mr. Jim Hatcher
Plutus Environmental
June 21, 2007

Mr. Hatcher:

On January 2007, while working on a remediation project, HEPACO encountered a piece of equipment contaminated by ethyl acrylate. Ethyl acrylate is an odorous material that leaves a strong residual scent on any substance it comes in contact with. During the decontamination efforts on the affected piece of equipment, HEPACO attempted to utilize many various solutions, but to no avail. However, it was found that E-Safe, a surfactant, was effective in the suppression of chemical odors on the metal portion of the equipment, but ineffective on rubber or PVC.

Sincerely,

A handwritten signature in black ink, appearing to read "Dale Helton".

Dale Helton
HEPACO Remediation Manager

ENVIRONMENTAL CONTRACTORS

CORPORATE OFFICE • P.O. BOX 26308 • CHARLOTTE, NC 28221 • (704) 598-9782 • FAX (704) 598-7823

24 HOUR EMERGENCY 800-888-7681



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

27 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 "E-Safe®." After conducting our review, your data submissions have satisfied the requirements contained in Title 40 of the CFR section 300.915 of the NCP. "E-Safe®" 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 "E-Safe®" 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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LANDMARK INTERNATIONAL TRUCKS, INC

4550 Rutledge Pike
Knoxville, TN 37914

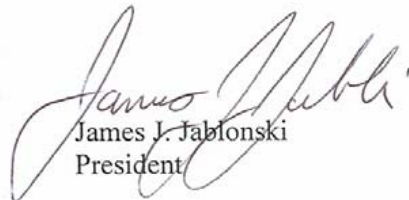
(800)968-9999
(865)637-4881
(865)522-0865

To: Who It May Concern

10/05/2007

Landmark International has used Plutus products on an on-going basis for many years. We utilize the E-Safe to clean up petroleum product spotting on our pavement and floors and we use their oil/water separator additive. The oil/water separator additive has allowed us to reduce the frequency of pumping and disposal of solids accumulated in the separator and. The use of the separator additive saves us down time, thru fewer services, as well as costly pumping fees.

Plutus' products have fulfilled our petroleum product maintenance needs; we continue to be a satisfied user of Plutus products.


James J. Jablonski
President

TEST SITE TREATMENT REPORT

Oroville, California USA
Vehicle Maintenance Site
Nov. 07, 2008

Historical background:

This site has been in continuous usage as a heavy vehicle maintenance facility since before 1940. During World War II the site was used by the US Military as a service yard for tanks, ACPs, trucks and other heavy equipment. Reportedly, used oils were dumped on the soil and left where they fell. Following the war, the site was occupied by a heavy construction equipment manufacturer as a service yard with the same use and policy as the military. After being used for approximately 10 years by the heavy equipment company, the property has been occupied by a series of independent service companies. These companies service and repair, oil well drilling equipment as well as road tractors and trailers.

Blueline Technologies, a Plutus Distributor, was asked to test treat the site in order to determine the feasibility of treating the site with Plutus E-Safe®. An acceptable contamination level of 1000 ppm TPH was required if the property ownership transfer was to be allowed.

November 07, 2008, A representative sample of one heavily contaminated area was collected for State Certified Laboratory analysis. Analysis revealed a TPH of 140,000 ppm. Following collection of the sample a treatment of 1 liter of E-Safe® per 5 square meters of contaminated surface was applied to the area.

November 09, 2008, A representative sample of the treated area was collected for State Certified Laboratory analysis. Analysis revealed a TPH of 44,000 ppm. The E-Safe® was allowed to act on the site without additional treatment.

November 11, 2008, A representative sample of the treated area was collected for State Certified Laboratory analysis. Analysis revealed a Diesel Range Organic (DRO) contamination of 740 ppm and a Motor Oil Range Organics (MORO) of 13,000 ppm with a TPH of 14,400 ppm. The E-Safe® was allowed to act on the site without additional treatment.

November 13, 2008, A representative sample of the treated area was collected for State Certified Laboratory analysis. Analysis revealed a DRO of 410 ppm and a MORO of 3800 ppm.

November 15, 2008, A representative sample of the treated area was collected for State Certified Laboratory analysis. Analysis revealed a TPH of 900 ppm. No additional treatment was required and the site was cleared for ownership transfer.

Electrical Transformer Coolant Oil Leak

Ringgold, GA
May, 2003

A transformer accident at Duke Energy released an undetermined amount of coolant mineral oil (estimated to be at least 30 gallons) into the surrounding plant compound. The leak was confined to a small area of the plant. HEPACO Environmental Services, Chattanooga, TN, was called for remediation of the contaminated area. The spill was located in an area that made excavation and removal of the contaminated soil impractical. The decision was made, by Duke Energy environmental personnel and HEPACO, to treat the spill in place.



Treatment:

55 gallons of E-SAFE© Environmentally Safe Cleaner were applied with a low pressure spray system. The spill area was thoroughly soaked with E-SAFE© so that deep penetration was assured. A heavy rainfall occurred shortly after E-SAFE© was applied.

Result:

Following treatment with E-SAFE©, core samples determined that contamination from the coolant oil had been eliminated. No further treatment was required.

Ref: Ken Moore, Mgr.
HEPACO
Knoxville, TN
Tel: 865 219 0853

Diesel Fuel Spill fro Tanker

August 2001

Dandridge, Tenn. — A fueling mishap resulted in 40 gallons of diesel fuel being discharged onto the parking area at a Travel Center located at I-40 exit 417.

The Travel Center owner ordered E-SAFE© Environmentally Safe Cleaner for the cleanup effort. Cleanup efforts by the company were under way when the 7 gallons of E-SAFE© was rushed to the spill scene. Absorbent granules had been applied to half the site when the E-SAFE© was delivered. The remaining area was treated with E-SAFE©.



TREATMENT: Company personnel applied E-SAFE© Environmentally Safe Cleaner to the site within one hour of the accident. The application process was to deliver the product, undiluted, directly to the spill surface via low pressure garden type sprayer. Approximately 7 gallons of E-SAFE© were used in the cleanup. The area was brushed with a stiff deck brush and then hosed down with clean water. No polluting residuals were recorded in the runoff water.



RESULT: After treatment with E-SAFE© no other action was required by Emergency Management personnel. Treated area of site declared to be clean and safe.

Train Derailment Diesel Spill

Knoxville tracks reopen after NS derailment
(The following story appeared on the Knoxville News Sentinel website on March 23.)

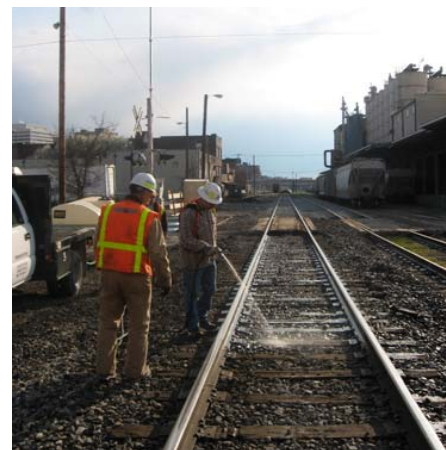
"KNOXVILLE, Tenn. — A Norfolk Southern train jumped the tracks around 7:15 p.m. Friday as it moved along rails parallel to Jackson Avenue. It was hauling 105 empty cars at the time, railroad spokeswoman Susan Terpay said. The lead engine separated from the rest of the train, and two other engines and two coal hopper cars were left tilted. Two other cars came completely off the rails at an angle, with their wheel mechanisms partially stripped.

The derailment spilled about *3,500 gallons of diesel fuel, about 50 gallons of which made it into a storm drain*, Knoxville Fire Department Capt. Brent Seymour said. Hazardous-materials teams worked to contain the spill, which didn't appear to cause any serious environmental damage. "

TREATMENT: The HAZMAT contractor , HEPACO Environmental Services, applied E-SAFE© Environmentally Safe Cleaner to the site within a few hours of the accident. The application process was to deliver the product directly, undiluted, to the spill surface via low pressure spray as shown at right. Approximately 8 drums of E-SAFE© were used in the cleanup of the 3500 gallon spill.

RESULT: After 6 months duration, no additional application has been required by Emergency Management personnel. Site appears to be clean and safe.

Ref: Ken Moore, Mgr.
HEPACO
Knoxville, TN
Tel: 865 219 0853



Maytag Manufacturing Plant Contamination Caused by Flood

Cleveland, Tenn. May, 2003— A extremely heavy rainfall caused flooding conditions at the Maytag Manufacturing Plant. Floodwater encroached into the plant building and covered the parking lot. Waste oil pits were flooded covering floors, walls, equipment and portions of the parking lot with a heavy layer of waste oil and grease.

Maytag management requested that 2 - 275 gallon totes of a popular microbial spill control product be ordered for the cleaning effort. Simultaneously, the HAZMAT contractor, HEPACO Environmental Services, ordered an equal volume of E-SAFE© Environmentally Safe Cleaner. The entire volume of microbial product was used to clean one large room in the plant. Slightly more than half of the E-SAFE© was used to clean the balance of the site, plus recleaning the large room. That room had some hydrocarbon residuals remaining after the microbial treatment and had to be treated with E-SAFE© .

TREATMENT: The HAZMAT contractor, HEPACO Environmental Services, applied E-SAFE© Environmentally Safe Cleaner to the site a few hours after the flood waters receded. The application process was to deliver the product directly, undiluted, to the spill surface via low pressure garden type sprayer. Approximately 330 gallons of E-SAFE© were used in the cleanup of the 2 acre spill site.

RESULT: After treatment with E-SAFE© no other action was required by Emergency Management personnel. Site declared to be clean and safe.

Ref: Ken Moore, Mgr.
HEPACO
Knoxville, TN
Tel: 865 219 0853

Traffic Accident with Gasoline and Diesel Spills

February 22, 2007

Sevier County, Tenn. — An early morning collision between a pickup truck and a tandem axle gravel delivery truck occurred at the intersection of Chapman Hwy (US 411-441) and Gist's Creek Road. The result was spillage of 25 gallons of gasoline on the highway surface and 40 gallons of diesel on the adjoining shoulder and ditch line.

The Sevier County Emergency Management Office requested E-SAFE© Environmentally Safe Cleaner for the cleanup effort. Time was critical as a rainstorm was approaching. 5 gallons of E-SAFE© was rushed to the accident scene.

TREATMENT: Emergency Management personnel applied E-SAFE© Environmentally Safe Cleaner to the site within one hour of the accident. The application process was to deliver the product, undiluted, directly to the spill surface via low pressure garden type sprayer. Approximately 2 gallons of E-SAFE© were used in the cleanup before heavy rainfall began. Treatment was suspended until rainfall ceased. Examination with monitoring equipment confirmed the treated runoff from the gasoline contaminated highway surface had destroyed the diesel contamination on the shoulder and in the ditch line.

RESULT: After treatment with E-SAFE© no other action was required by Emergency Management personnel. Site declared to be clean and safe.

Photos
Not Available



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



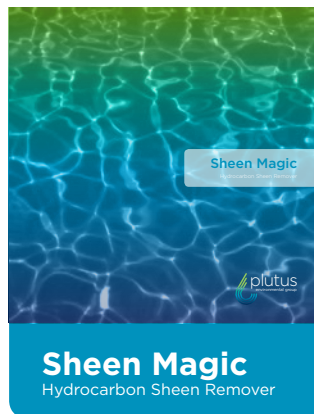
SAVE ON COSTLY CLEAN-UPS

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.plutuseg.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.



Sheen Magic

Our solution for hydrocarbon contaminated water. This product is almost instantly effective in the rapid removal of hydrocarbon sheen. It works to break down the spill into nutrients for the naturally occurring bacteria in the water to consume.



HEAD OFFICE

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Mahe / Republic of Seychelles

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