



Taking care of the world's hydrocarbon problems with environmentally responsible green solutions.

DETOXIFIES HYDROCARBONS (OILS, FUELS, ETC.) SO WELL THAT IN OVER 350+ LARGE OIL REMEDIATION PROJECTS POLLUTION WAS REDUCED TO NON-DETECTION OR NEGLIGENT READINGS!!

BOATS ♦ MARINAS ♦ YACHT CLUBS ♦ SHIPYARDS ♦ TUGS SPILL ♦ RESPONSE SHIPS ♦ BARGES YACHTS ♦ FUELING PATROL ♦ TOWING ♦ SALVAGE FLEET OPS ♦ PORT SECURITY TANK FARMS DRILLING RIGS ♦ REFINERIES ♦ FUEL & OIL TRANSFER FACILITIES ♦ EMERGENCY RESPONSE OIL SPILLS BEACH RESTORATION ♦ BEACH RESTORATION ♦ CONTAMINATED LAND & SEA

- ✓ On the EPA managed National Contingency Plan (NCP) list as a Surface Washing Agent
- ✓ ALL ingredients are recognized by FDA as Generally Regarded as Safe (GRAS)
- ✓ Nanotechnology degrades hydrocarbon chains up to C-40 into detoxified elements
- ✓ A superior cleaner that leaves no residue of oils / greases, etc. and no chemical traces
- ✓ Reduces surface tension making clean up tasks more efficient (no more sticking)
- ✓ Immediately removes nauseous fumes, odors and volatile vapors
- ✓ Used as a fire extinguisher by removing the flash point of oils, fuels, grease, etc.
- ✓ Optimizes conditions favoring biodegrading via pH balancing between 7.2-8.3
- ✓ Oils – raw, crude, refined, processed
- ✓ Fuels – gasoline, diesel, aviation, racing
- ✓ Trans ATF, brake, power steering, hydraulic
- ✓ Effective on benzene, Xylene, toluene, glycols, pesticides
- ✓ Remediation efforts report time reduced from 3-4 months to 4-6 weeks cleaning time
- ✓ Keeps working in water runoff in drains
- ✓ Forms an emulsified layer on top of water contaminated by oil spills
- ✓ Oil spills in soil are degraded and driven into the soil by surfactant properties to reach bacteria that biodegrade detoxified hydrocarbons
- ✓ Economical – Dilutes to 30:1

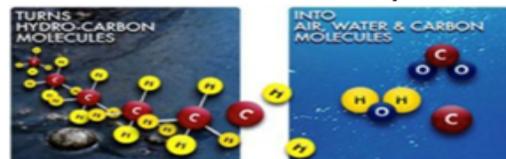


On the EPA managed NCP list as a Surface Washing Agent



- Water-based
- Non Flammable
- No Flash Point
- Non Dispersant
- Non Detergent
- Non Phosphate
- Non-Toxic
- Non-Butyl
- Non-Petroleum
- No Residue
- Non-Corrosive
- No Halogens
- No Noxious Odors
- No Volatile Vapors
- No Chlorinated Solvents
- Economical dilutes to 30:1
- Minimizes hazmat cleanup
- Biodegradable
- Nonirritant to Plant Life
- Nonirritant to Animal Life
- Low Toxicity Aquatic Life
- No Sinking Water Column
- Unlimited Shelf Life
- Ready-to-Use and Industrial Concentrate
- Comes in many easy to use sizes

Here's how De-Oil-It breaks down hydrocarbons



DE-OIL-IT works at the molecular level of petroleum breaking ("degrading") its hydrocarbon chains and rendering them no longer bio-available, eliminating the toxicity so natural occurring bacteria in nature can finalize the degrading process. What's left is a natural form of air, water, and carbon leaving the environment clean and safe. DE-OIL-IT is approved by the Greenworld Environmental Alliance (<http://GEA.solutions>)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

September 29, 2021

Mr. Ron McCarthy
CEO
Greenworld Innovations Corp.
3813 Highgate Drive
Valrico, FL 33594

OFFICE OF
LAND AND EMERGENCY
MANAGEMENT

Dear Mr. McCarthy:

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 "De-Oil-It Industrial Strength Concentrate." After conducting our review, your data submissions have satisfied the requirements contained in Title 40 of the CFR section 300.915 of the NCP. "De-Oil-It Industrial Strength Concentrate" will be listed on the NCP Product Schedule under the Surface Washing Agent 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 / Regulations Implementation Division / Oil Branch 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 "De-Oil-It Industrial Strength Concentrate" 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 or DeHaven.Leigh@epa.gov if you have any corrections, updates, or questions.

Sincerely,

Gioffre,
Patricia

Patricia J. Gioffre
Division Director
Regulations Implementation Division
Office of Emergency Management

Digitally signed by Gioffre,
Patricia
Date: 2021.09.29 13:47:34
-04'00'

DE-OIL-IT also eliminates RED TIDE ALGAE and the TOXIN "K. BREVIS"



aquatic analysis ... research ... consultation

Summary of Results

Table 5: Summary of results in ng/mL (ppb).

Sample ID	PbTx (ng/mL)
K. Brevis – DOI	ND
K. Brevis – Control	77
<i>MDL (ng/mL):</i>	25
<i>Analyst Initials:</i>	KC
<i>Date(s) Analyzed:</i>	2/23/2022

Interpretation:

Brevetoxins (PbTX) were detected in the K. Brevis – Control sample (77 ppb) above the method reporting limit of 25 ng/mL (ppb).

Submitted by:

Mark T. Aubel, Ph.D.

Date:

February 23, 2022

*The results in this report relate only to the samples listed above.
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DE-OIL-IT ELIMINATES HYDROCARBONS

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 Amarillo, TX 79109
 806-353-4425 • 800-423-9443
 Web Site: www.batlaboratoriesllc.com
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Refine Energy Services
 Work Order ID: 18-08-0077
 Date: 08/23/2018 17:15
 Page: 2 of 9

Analytical Report

BATLabs ID: 18080077-001

Customer ID: SB 1-10

Sample Collected: 08/21/2018 11:30

Analyte	Run	Result	Flag	Units	MQL	SQL	FAC	Analyst	Analysis Date	QC Batch ID
Percent Solids - Dry Weight		88.02		wt %	0.01%	0.01%		Juan	08/23/2018 11:50	PREP03-18-08-06

Data associated with this Sample is Dry Weight corrected unless otherwise flagged.

TX1005

Analyte	Run	Result	Flag	Units	MQL	SQL	FAC	Analyst	Analysis Date	QC Batch ID
TPH C6 - C12	1	ND		ma/Ka	57.5	57.5	2.53	Juan	08/23/2018 11:00	GCFID01-18-08-07
TPH C12 - C28	1	ND		ma/Ka	57.5	57.5	2.53	Juan	08/23/2018 11:00	GCFID01-18-08-07
TPH C28 - C35	1	ND		ma/Ka	144	144	2.53	Juan	08/23/2018 11:00	GCFID01-18-08-07
TPH C6 - C35	1	ND		ma/Ka	57.5	57.5	2.53	Juan	08/23/2018 11:00	GCFID01-18-08-07

Surrogates
 [1-Chlorooctadecane]
 [1-Chlorooctane]

Run	Result	Flag	Limits
1	114%		70% - 130%
1	98%		70% - 130%

Analyte

Analyte	Run	Result	Flag	Units	MQL	SQL	FAC	Analyst	Analysis Date	QC Batch ID
BTEX										
Benzene	1	ND		ma/Ka	0.02	0.016	9.61	DHN	08/22/2018	VOMS01-18-08-04
Toluene	1	ND		ma/Ka	0.02	0.014	9.61	DHN	08/22/2018	VOMS01-18-08-04
Ethyl Benzene	1	ND		ma/Ka	0.02	0.013	9.61	DHN	08/22/2018	VOMS01-18-08-04
m,p-Xylenes	1	ND		ma/Ka	0.04	0.027	9.61	DHN	08/22/2018	VOMS01-18-08-04
o-Xylene	1	ND		ma/Ka	0.02	0.013	9.61	DHN	08/22/2018	VOMS01-18-08-04

Surrogates
 1,2-Dichloroethane-d4
 Toluene-d8
 4-bromofluorobenzene

Run	Result	Flag	Limits
1	93%		70% - 130%
1	91%		70% - 130%
1	98%		70% - 130%

BATLabs ID: 18080077-002

Customer ID: SB 2-15

Sample Collected: 08/21/2018 11:55

Analyte	Run	Result	Flag	Units	MQL	SQL	FAC	Analyst	Analysis Date	QC Batch ID
Percent Solids - Dry Weight		78.46		wt %	0.01%	0.01%		Juan	08/23/2018 11:50	PREP03-18-08-06

Data associated with this Sample is Dry Weight corrected unless otherwise flagged.

TX1005

Analyte	Run	Result	Flag	Units	MQL	SQL	FAC	Analyst	Analysis Date	QC Batch ID
TPH C6 - C12	1	ND		ma/Ka	64.2	64.2	2.52	Juan	08/23/2018 11:00	GCFID01-18-08-07
TPH C12 - C28	1	ND		ma/Ka	64.2	64.2	2.52	Juan	08/23/2018 11:00	GCFID01-18-08-07
TPH C28 - C35	1	ND		ma/Ka	161	161	2.52	Juan	08/23/2018 11:00	GCFID01-18-08-07
TPH C6 - C35	1	ND		ma/Ka	64.2	64.2	2.52	Juan	08/23/2018 11:00	GCFID01-18-08-07

Surrogates
 [1-Chlorooctadecane]
 [1-Chlorooctane]

Run	Result	Flag	Limits
1	128%		70% - 130%
1	102%		70% - 130%

The results provided with this report solely reflect the analysis of the samples provided. B.A.T. Laboratories, LLC is not responsible for the use or characterization of this data as representative for any sample or material not specifically analyzed by the laboratory or its subcontractors.

Please Note: Liability and Damages. B.A.T. Laboratories, LLC liability and clients remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing received by B.A.T. Laboratories, LLC within thirty days of the applicable service. In no event shall B.A.T. Laboratories, LLC be liable for incidental or consequential damages, including those without limitation, business interruption, loss of use, or loss of profits incurred by the client, its subsidiaries, affiliates, or successors arising out of or related to the performance of services rendered by B.A.T. Laboratories, LLC regardless of whether such claim is based upon any of the preceding stated reasons or otherwise.



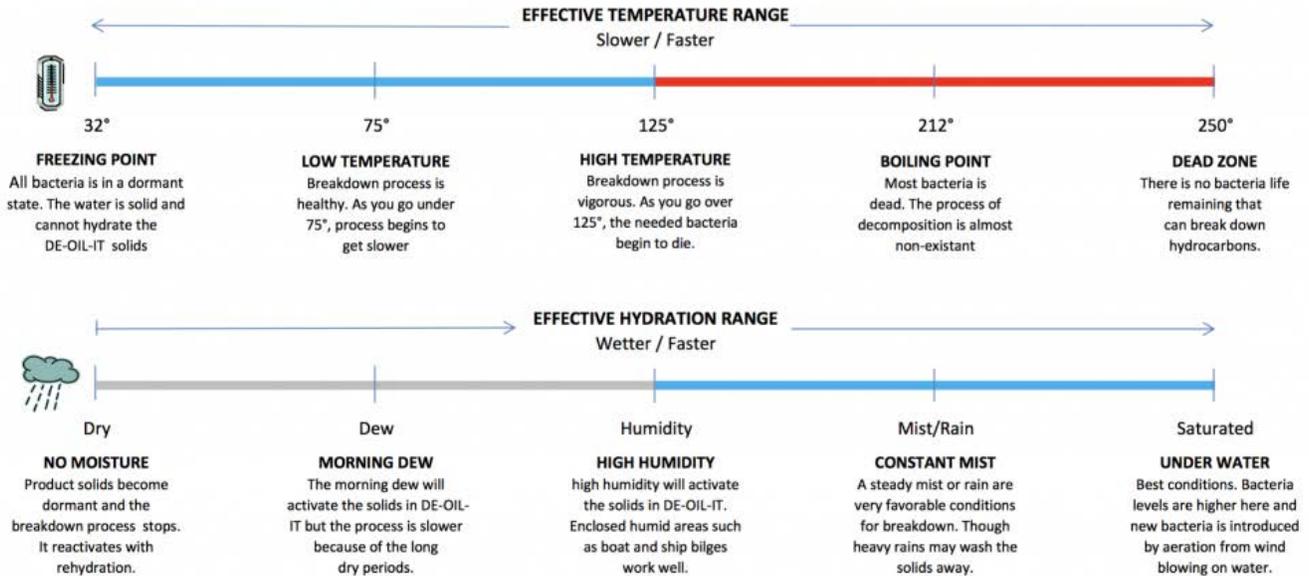
DE-OIL-IT "CONCENTRATE DILUTION GUIDE"

HOUSEHOLD	Ratio	MARINE	Ratio	AVIATION	Ratio				
Driveways	3 to 1	Boat Wash/Teak	30 to 1	Carbon Build-ups	2 to 1				
Pavers	4 to 1	Scuff Marks	5 to 1	Airport Runways	10 to 1				
Lawn equipment	2 to 1	Bilge Cleaner	2 to 1	Turbines	2 to 1				
Clothes, Shop rags	5 to 1	Bilge Pumps	2 to 1	Engine Parts	2 to 1				
Garage Floors	30 to 1	Carbon Build ups	3 to 1						
Shop Floors	30 to 1	Fuel Tanks	3 to 1	INDUSTRIAL	Ratio				
		Boat Docks	3 to 1	Metal Parts	4 to 1				
				Hydraulic Lines	2 to 1				
<th>AUTOMOTIVE</th>	AUTOMOTIVE	<th>Ratio</th>	Ratio	<th>REMEDIATION</th>	REMEDIATION	<th>Ratio</th>	Ratio	Gummed Deposits	1 to 1
Car Wash	30 to 1	On water	Uncut	Factory Floors	30 to 1				
Engine Cleaner	2 to 1	Beaches & Marshes	Uncut	Loading Docks	3 to 1				
Engine Parts	2 to 1	Land down to 100'	2 to 1						
Wheel Rim Cleaner	3 to 1	Retention Ponds	Uncut	<th>JANITORIAL</th>	JANITORIAL	<th>Ratio</th>	Ratio		
Car Debugger	5 to 1			Parking Garages	5 to 1				
		<th>ROADSIDE HAZARD</th>	ROADSIDE HAZARD	<th>Ratio</th>	Ratio	Commercial Floors	30 to 1		
<th>REFINERIES</th>	REFINERIES	<th>Ratio</th>	Ratio	Emergency Spills	2 to 1	Hospital Floors	30 to 1		
Drill Rigs	5 to 1	Fire prevention	1 to 1	Supermarket Floors	30 to 1				
Gas Station Platforms	6 to 1								

The dilution ratios listed are by "parts water" to "parts concentrate". These are estimates only. The actual ratio needed may change depending on the amount and viscosity of the petroleum present for your particular application. Generally, the stronger the concentrate, the better the results.

DE-OIL-IT PRODUCT PERFORMANCE GRAPH

DE-OIL-IT is water activated and temperature driven. The wetter and warmer it gets, the better it performs.



- 1. Temperature** - The top graph illustrates what temperatures DE-OIL-IT performs best in.
- 2. Moisture** - The bottom graph shows that the more hydrated DE-OIL-IT gets, the better it performs.
- 3. Decomposition** - Petroleum molecules kill the earth's natural decomposing bacteria on contact. The oil remains there indefinitely.
- 4. Chemical Reaction** - When DE-OIL-IT is applied to petroleum, it changes it's molecules enough to disarm their bacteria killing ability.
- 5. Bacteria Supply** - Once an area is treated, there must be enough fresh bacteria present to eat the petroleum. You find them in the air, water and soil. Sometimes enclosed areas such as storage tanks become a dead zone and need to have fresh air or water introduced during the remediation period.
- 6. Amount & Viscosity** - Results will also vary depending in the amount and viscosity of the petroleum being treated. Stronger levels of DE-OIL-IT concentrate may be required.

De-Oil-It Key Points – ENVIRONMENTALLY RESPONSIBLE !!

1. Superior Cleaner
 - a. Completely removes oil substances from surfaces
 - b. Leaves no residues
2. Detoxifies, Environmentally Responsible
 - a. Hydrocarbon contamination (oils, greases, lipids-fats, fuels) are decomposed to non-detect pollution levels and thereby detoxified
 - b. Biodegrading action completes the detoxification cycle
3. Non-Hazardous, Environmentally Safe
 - a. All ingredients on FDA GRAS list (Generally Recognized as Safe)
 - b. Domestic transportation non-hazardous code
4. Safe guards yours and ecosystem health by IMMEDIATELY REMOVING
 - a. Nauseous and toxic fumes, odors, volatile vapors
 - b. Flash point (contaminate will not catch fire or fire will be extinguished)
5. Optimizes and Enhances Conditions for Biodegrading
 - a. Biodegrading by EPA definition is the final step to detoxify completely via bacteria
 - b. De-Oil-It leaves treated hydrocarbons in a pH range 7.2-8.3, optimal biodegrading conditions for indigenous bacteria to complete decomposition of treated contamination
6. EPA
 - a. On the National Contingency Plan – “NCP LIST”
 - b. De-Oil-It is listed as a Surface Washing Agent
 - c. On EPA Small Business Innovation Research Program (SBIR), allows water runoff in drain

Accolades

- A. Over 350+ successful oil remediation cleanup projects supervised and closed by EPA; end results were either non-detect pollution levels or negligent readings of contamination
- B. Detoxifies and cleans wide range of hydrocarbon based contamination
 - OILS Raw, Crude, Refined, Processed
 - FUELS Gasoline, Diesel, Kerosene (heating and aviation / racing quality)
 - TCE Trichloroethylene
 - PCB Polychlorinated Bi-Phenyls
 - PAH Polycyclic Aromatic Hydrocarbons
 - Fluids Hydraulic, Transmission (ATF), Brake and Power Steering
 - Misc - 1 Benzene, Xylene, Toluene, Glycols, Pesticides
 - Misc - 2 Solvents, Paint, Thinners, Inks, Resins, Polishes, Lubricants

Trichloroethylene (TCE) is a volatile, colorless liquid organic chemical. TCE does not occur naturally and is created by chemical synthesis. It is used primarily to make refrigerants, hydro fluorocarbons that damage ozone layer, and degreasing solvents for metal equipment. TCE is carcinogenic

Polycyclic aromatic hydrocarbons (PAH) are a group of more than 100 chemicals that are also called polynuclear aromatic hydrocarbons released from burning coal, oil, gasoline, trash, tobacco, and wood.

Polychlorinated biphenyls (PCB) are a group of manmade chemicals. They are oily liquids or solids, clear to yellow in color, with no smell or taste. PCBs were used widely in electrical equipment like capacitors, transformers, fluorescent light bulbs and ballasts.

If anyone asks about the chemical technology used in De-Oil-It the following can be said and they can read about on our website

- We utilized “colloidal micelle” chemistry
- Pronounced CO-LOID-AL MY-CELL
- This surrounds degraded / decomposed / dissembled oil with a negative charge increasing the affinity to surrounding water molecules to completely remove off the surface; this is why NO RESIDUE is left behind on solid surfaces
- We also get asked if we are ANION or CATION surfactant cleaner with the answer being ANION (outer perimeter of micelle is all negatively charged)
- De-Oil-It has emulsification inducing ingredients translating to De-Oil-It treated oil on water stays on the surface (because of emulsifying properties degrade / decomposed / dissembled oil is encapsulated in the micelle formation and its mass density is reduced to float on water making clean up easier as treated oil will not for instance stick to vacuum apparatus designed for oil collection)
- The surfactant feature of De-Oil-It chemistry helps to dissolved and break apart smaller oil segments from a larger hydrocarbon chain. Furthermore on land / soil, surfactants drives the treated oil with De-Oil-It into the ground to assist getting closer to indigenous bacteria that competes full decomposition of oil into soluble carbon, hydrogen and oxygen – very safe to environment