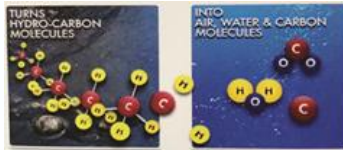




De-Oil-It is an organic cleaner that performs as a degreaser but without harsh chemicals such as solvents. De-Oil-It is made from highly purified alcohols creating a clear non-hazardous liquid which will degrade hydrocarbon pollutants such as OIL, FUEL and GREASE.



De-Oil-It degrades hydrocarbon chains rendering them no longer bio-available. What's left is an inert form; in this altered state the natural bacteria can now break down the petroleum waste to reintroduce back into the echo system clean, safe, and petroleum free.



**Volumes:**

- 22 oz spray bottle
- 1 gallon jug
- 5 gallon pail
- 55 gallon drum
- 275 gallon tote

DISCRIPTION		SIZE	UNIT	CASE			PALLET				
UPC Code	Item Name - Item #	Unit Liquid Contents	Unit Photo	Unit Size	Unit Weight	Pa cka ge d	Case / Pack Size	Unit Weight s	Pallet Configured	Pallet Sizes	Pallet Weight
	Ready-To-Use Driveway Stain Remover	22oz. Spray Bottle		L 4-1/2" W 2-1/4" H 11-1/2"	1.70 lbs.	12 Units	L 13-1/4" W 10" H 11-7/8"	22 lbs.	Block: 14 Tiers: 4 56 Cases	L 48" W 40" H 52-1/2"	1,272 lbs
7 93573 04793 9		650.6 ML.		Spray Bottle	kg.		cu.ft.	kg	672 Units	58.33cu. ft.	kg.
	Ready-To-Use Boat Bilge Cleaner	22oz. Spray Bottle		L 4-1/2" W 2-1/4" H 11-1/2"	1.70 lbs.	12 Units	L 13-1/4" W 10" H 11-7/8"	22 lbs.	Block: 14 Tiers: 4 56 Cases	L 48" W 40" H 52-1/2"	1,272 lbs.
7 93573 04794 6		650.6 ML.		Spray Bottle	kg.		cu.ft.	kg	672 Units	58.33cu. ft.	kg.
	Ready-To-Use Fuel & Oil Spill Eliminator	22oz. Spray Bottle		L 4-1/2" W 2-1/4" H 11-1/2"	1.70 lbs.	12 Units	L 13-1/4" W 10" H 11-7/8"	22 lbs.	Block: 14 Tiers: 4 56 Cases	L 48" W 40" H 52-1/2"	1,272 lbs.
7 93573 04795 3		650.6 ML.		Spray Bottle	kg.		cu.ft.	kg	672 Units	58.33cu. ft.	kg.
	Industrial Strength Concentrate	1-Gallon Jug		L 7-1/4" W 4" H 12-1/4"	8.80 lbs.	6 Units	L 16-1/4" W 14-1/8" H 12-1/2"	53 lbs.	Block: 9 Tiers: 4 36 Cases	H 48" W 40" H 55"	1,941 lbs.
7 93573 88933 1		L		Jug	kg.		cu.ft.	kg.	216 Units	61.11cu. ft.	kg.
	Industrial Strength Concentrate	5-Gallon Pail		R D 12" H 14.5"	45 lbs.	1 Unit	N/A N/A N/A	N/A	Block: 12 Tiers: 3 36 Pails	L 48" W 40" H 56"	1,680 lbs.
7 93573 88934 8		18.925 L		Pail	20.4 kg.		0.95 cu.ft.	21 kg.	180 Gallons	53.33 cu. ft.	343 kg.
	Industrial Strength Concentrate	55-Gallon Drum		R 23" D 75" H 34-1/2"	503 lbs.	1 Unit	N/A N/A N/A	N/A	Block: 24 Tiers: 1 4 Drums	L 48" W 40" H 39"	2,052 lbs.
7 93573 88935 5		208.175 L		Drum	17.72 kg.		9.1 cu.ft.	218 kg.	220 Gallons	33.17 cuft.	904 kg.
	Industrial Strength Concentrate	275-Gal. Caged Tote		L W H	2,200 lbs.	1 Unit	N/A N/A N/A	N/A	1 Tote	N/A N/A N/A	N/A
7 03573 03152 5		1,040.8 L		Tote	998 kg.		51 cu.ft.	998 kg.	275 Gallons	N/A	N/A

DE-OIL-IT "CONCENTRATE DILUTION GUIDE"			
<b>HOUSEHOLD</b>	<b>Ratio</b>	<b>MARINE</b>	<b>Ratio</b>
Driveways	3 to 1	Boat Wash	30 to 1
Pavers	4 to 1	Scuff Marks	5 to 1
Lawn equipment	2 to 1	Bilge Cleaner	2 to 1
Clothes, Shop rags	5 to 1	Bilge Pumps	2 to 1
Garage Floors	30 to 1	Carbon Build ups	3 to 1
Shop Floors	30 to 1	Fuel Tanks	3 to 1
		Boat Docks	3 to 1
<b>AUTOMOTIVE</b>	<b>Ratio</b>	<b>REMEDIATION</b>	<b>Ratio</b>
Car Wash	30 to 1	On water	1 to 0
Engine Cleaner	2 to 1	Beaches & Marshes	1 to 0
Engine Parts	2 to 1	Land down to 100'	2 to 1
Wheel Rim Cleaner	3 to 1	Retention Ponds	1 to 0
Car Debugger	5 to 1		
<b>REFINERIES</b>	<b>Ratio</b>	<b>ROADSIDE HAZARD</b>	<b>Ratio</b>
Drill Rigs	5 to 1	Emergency Spills	2 to 1
Gas Station Platforms	6 to 1	Fire prevention	1 to 1
<b>AVAIATION</b>	<b>Ratio</b>	<b>INDUSTRIAL</b>	<b>Ratio</b>
Carbon Build-ups	2 to 1	Metal Parts	4 to 1
Airport Runways	10 to 1	Hydraulic Lines	2 to 1
Turbines	2 to 1	Gummed Deposits	1 to 1
Engine Parts	2 to 1	Factory Floors	30 to 1
		Loading Docks	3 to 1
		<b>JANITORIAL</b>	<b>Ratio</b>
		Parking Garages	5 to 1
		Commercial Floors	30 to 1
		Hospital Floors	30 to 1
		Supermarket Floors	30 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.

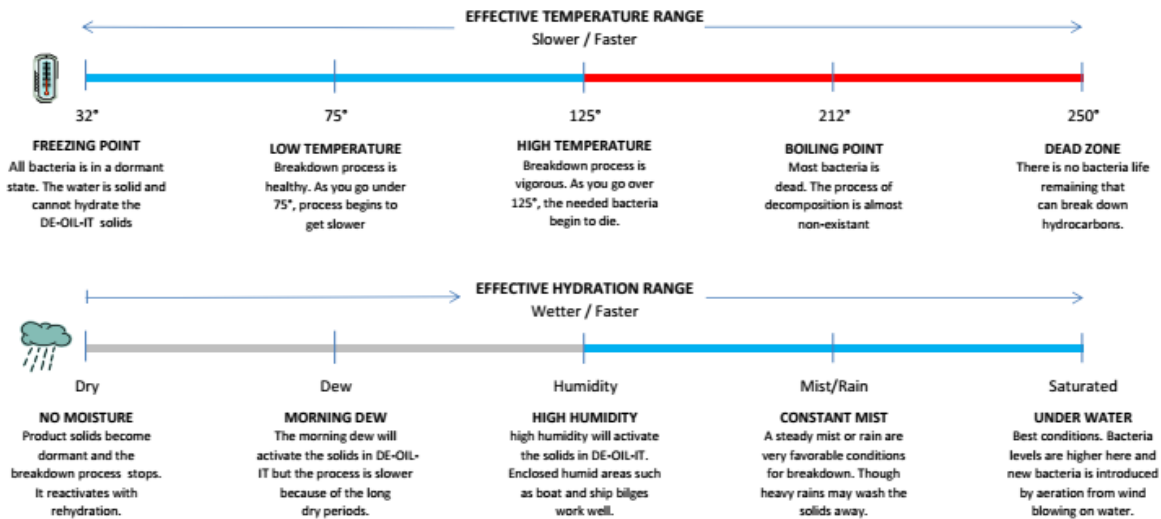
<u>dilution</u>	<u>water</u>	<u>De-Oil-It</u>	<u>total</u>	<u>55 gal drum makes</u>	<u>and covers</u>	<u>or # of usages/doses</u>
2:1	2 parts	1 part	3 parts	165 gallons	2578 sq ft	3520, 1320, 330
3:1	3 parts	1 part	4 parts	220 gallons	3437 sq ft	4693, 1760, 440
5:1	5 parts	1 part	6 parts	330 gallons	5156 sq ft	7040, 2640, 660
6:1	6 parts	1 part	7 parts	385 gallons	6015 sq ft	8213, 3080, 770
10:1	10 parts	1 part	11 parts	605 gallons	9453 sq ft	12906, 4840, 1210
30:1	30 parts	1 part	31 parts	1705 gallons	26640 sq ft	36373, 13640, 3410

"parts" typically are gallons  
 coverage = PER SQUARE FOOT  
 usage = application specific  
 small  
 med  
 large

small=6oz, med=16oz, large=64oz  
 clothing spots, small parts, hands, drip spills  
 cleaning engine, bilge, rims, wheels, spot spills  
 parking lots, floors, parking lots, accident spills  
 remediation on water, marches, and ponds is uncut

**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.

Greenworld Innovations Corp is the master international and USA distributor of De-Oil-It under exclusive terms with Malone Manufacturing.

De-Oil-It can be used as extensively as a tool for remediation bio-augmentation degrading large oil - fuel spills; or as generically as degreasing automobile engines, boat bilges, tractor hydraulic lines, parking lots, floors, and more; yet gentle and safe to clean your hands and clothes of oily grime. We do not replace remediation efforts; rather we assist and enhance remediation effectiveness.

We can assist you on product usage, call or email us today for price quote or product usage assistance.

Visit <http://www.deoilit.com> for an extensive overview of application areas: Marine, Automotive, Aviation, Residential / Household, Industrial, and Government.



## DE-OIL-IT PRODUCT SHEET

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### What is De-Oil-It

De-Oil-It is a clear liquid comprised of a bio-based formula created with highly purified alcohols that is designed to clean oil, fuel, and grease contaminated spills on water, soil, surfaces, drains, clothing, and hands.

Residential and industrial users of De-Oil-It use the product by following our recommended dilution guide; the product requires water and the presence of oxygen to activate the degrading / degreasing capabilities that clean hydrocarbon petroleum waste spills such as oil, fuel and grease.

De-Oil-It will continue to work as long as there is petroleum waste, De-Oil-It, water and oxygen; in this way as you wash away the degraded and cleaned waste, the process will continue to work in drains, soil, water, etc. De-Oil-It works best in time and certain temperature / humidity conditions.

### What is unique about De-Oil-It

- Performs as a degreaser without harsh chemicals and contains no solvents, no carcinogens
- As a remediation tool De-Oil-It will degrade hydrocarbons (breaks down the chain)
- Does not sink oil in water, instead we form an emulsified layer on top of water while also continuing to break down ("degrade") oil, fuel, grease ("hydrocarbons", "petroleum waste") – this emulsified layer is seen more readily on water, in soil De-Oil-It acts as a surfactant and will draw the layer into the soil. In either case the main benefit is the emulsified layer becomes a breeding ground for natural bacteria that have an affinity for eating the broken down oil resulting in a final decomposition of the emulsified layer
- De-Oil-It does not have a shelf life and can be diluted for a wide variety of cleaning purposes; you can add microbes / enzymes as a bio-augmentation procedure

### Characteristics / Specifications

- |  |  |
|--|--|
| • Non-Hazardous                            | No solvents, no carcinogens, no metals     |
| • No-Flash Point                           | Acts as a fire suppressant, removes fumes  |
| • HS Code 3402.90.90                       | International Shipping: Organic cleaner    |
| • NMFC Code 48580-3                        | Domestic Shipping: CLASS 55                |
| • EPA Surface Washing Agent                | Tested for National Contingency Plan (NCP) |
| • USDA Bio-Preferred                       | Tested as a bio-based product              |
| • SONCAP / SASO certificate                | SASO 494/1987, 21 CFR Part 80              |
| • Formulated with highly purified alcohols | Ethoxylate and Isopropyl alcohols          |

Ask your dealer how to properly apply De-Oil-It and please follow all posted regulations

Greenworld Innovations Corp  
De-Oil-It

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