

OILOFF

OVERVIEW

An advanced, highly water dilutable biological product for use in cleaning and degreasing a variety of porous surfaces such as concrete, brick and asphalt found in loading areas, hard standing, ballast, docks and quays and platforms. Also very effective for wash-down of hard surfaces such as sealed concrete floors and decking as well as machinery. The inclusion of bacteria selected for their ability to biodegrade oily hydrocarbons combined with a 'quick split' surfactant package makes this product an effective bioremediation tool.

TECHNICAL DESCRIPTION

OilOff combines non-petroleum and bio-based surfactants with oily hydrocarbon degrading bacteria to create an effective cleaning and bioremediation tool for multiple applications. It is primarily designed to treat porous surfaces where chemistry penetrates the structure changing the properties of bound oils thus making them easier to remove. The oily hydrocarbon degrading bacteria are then capable of producing their own biosurfactant to aid this process and then to degrade the oils *in situ* over time.

OilOff is effective immediately upon application and can be used to remove oils from on a variety of hard surfaces and can replace many existing products as an all-in-one cleaner

The formulation is readily biodegradable and with an excellent environmental profile. It is also non-corrosive to skin and does not require assignment of a UN number. The formulation also includes ingredients that actively reduce re-deposition of oils.

OilOff is not an oil dispersant. The 'quick split nature' of the formulation means that removed oils can be readily separated from wash liquor and disposed of via different waste streams as required. Also, OilOff will not interfere with the operation of land-based oily water interceptors nor bilge handing systems on ships.

**for non-porous, hard surfaces such as machine parts and floors it is recommended to use MicroClean Plus*

APPLICATIONS

Road Transport	Roads, hard standing, loading bays, repair shops, inspection pits
Rail Transport	Ballast, platforms, brickwork, inspection pits
Marine	Docks, Quays, landing stages
Facilities Management	Oil Spill removal, Car parks, forecourts, driveways,
Bioremediation	Soil washing, oil spill washdown
Institutional & Household	Driveways, car parks, misc degreasing

ADVANTAGES

Features	<ul style="list-style-type: none"> • Aqueous, water-dilutable formulation • Inoculates porous surfaces with oil degrading bacteria for ongoing bioremediation • Contains no petroleum distillates or solvents • Highly effective against a wide range of hydrocarbon soils • Contains no VOCs, solvents or phosphates • All ingredients are readily biodegradable
Benefits	<ul style="list-style-type: none"> • Unique and powerful degreaser for solubilisation and removal of any oil from porous surfaces • Fast Acting. Shortens clean-up time • Multi-purpose degreaser for all porous surfaces, thus replacing the need for several products • No removal or replacement of contaminated materials is necessary • Enhances biodegradation above and below ground surface when used as recommended • Low cost in use • Does not interfere with operation of oily water separators or bilge tanks

PRODUCT CHARACTERISTICS

Targeted compounds	Oily hydrocarbons, petrochemicals, fats, oils & greases	
Product type	Concentrated surfactant degreaser and biological remediation product	
Formula properties	Unfragranced (but mild fruit aroma) Viscous, white liquid Completely soluble in water Readily Biodegradable Neutral pH	
Performance properties	effective pH range: 8.0-10.0	temperature range: 5-80°C
Packaging	Available in 2x5L, 10L, 200L drums and 1000L IBC.	
Shelf Life	24 months in an original unopened container	

STORAGE AND HANDLING

Store in a cool, dry place. Wash hands with soap and water after use.

APPLICATION GUIDELINES

Where deposits have accumulated over time, first remove as much debris and solid material as possible

For Heavy Soil

Dilute up to 25% and scrub into surface. For optimum results, allow product to work for 20 – 30 minutes before rinsing off manually or with pressure washer. Ensure area being cleaned remains damp during the treatment time. For very porous surfaces and deep ingrained stains a repeated treatment may be necessary.



For Light Soil

Dilute up to 5% and apply as above.

Hard Surface Cleaning

Concrete, Asphalt and other Porous Surfaces

Dampen the contaminated surface with water and apply OilOff.

Use brush or scrubbing machine to work product into the stained and contaminated areas. Allow it to work for 20-30 minutes before rinsing off manually or with pressure washing equipment.

For maximum result keep the treated area damp during hot conditions (do not allow to dry) Very heavy or old contamination may require a repeat treatment.

Alternatively, OilOff may be auto-diluted *via* spray equipment

In this case with high pressure washing equipment, the application rate can be reduced to 1-2%

Painted/Sealed Floors, Walls and Equipment:

Dilute OilOff in a pump up sprayer, trigger spray or Bucket and apply to contaminated areas. Wipe off with mop or cloth.

For larger areas OilOff may be added to the water tank of scrubber driers at a rate of 1-5% depending on the application and equipment used.

Disclaimer

OilOff can be used on all surfaces that can be cleaned with water. However, as with all cleaning products, it is always wise to test for colour fastness and materials compatibility before cleaning an area not cleaned before with this product.

It is advisable to not use on water-based painted surfaces, transfers/stickers, signage