

S-Oil Treat

Bioremediation of Oil Contaminated Soil



A biological treatment system to remove oil from oil contaminated soils without the need for offsite excavation.

Degrades and digests oil pollution in-situ

KEY PROPERTIES

A unique blend of aerobic oil digesting bacteria proven to efficiently digest oil and produce no harmful by-products without risk to the environment

APPROVALS

- UK Environmental Agency report on the bacteria used in this product.
- Full Report: [download](#) - Summary Report: [download](#)
- Middle East Application: [download report](#)
- Remedios report on the bio-remediation in Kuwait of oil contaminated sand:
- [download report](#) (see page 27 for effectiveness of S-Oil Treat)

APPLICATION

- Isolate surrounding ground water from increasing contamination.
- For **small areas** the contaminated soil can be lifted onto a polythene sheet.
- For **larger areas**, trenches may have to be dug to collect run-off.
- Till the polluted area to break up the soil and aerate it and introduce S-Oil Treat at a level of 0.5 kg cubic metre of polluted soil.
- Spray the area with water to maintain damp conditions. Recycle run-off water to the soil to limit dispersal of oil and active bacteria.
- Once wet, the remediation process is supported by spraying dilute nutrient solution, typically 1% of Oil Technics's **Nutrient 8** solution in water, onto the soil using one of the packs supplied with the culture each week.
- If the soil is liable to compaction, it must be re-tilled to maintain aeration and may require additional culture and nutrient.
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- Keep the soil damp, aerated and fed with S-Oil Treat and Nutrient 8, recycling run-off water until the hydrocarbon content falls to acceptable levels.

TECHNICAL DATA

Appearance	Off-white powder	pH	Approx. 7.0
Bacteria Type	Euro Type 1	Bacterial Count	4.0 x 10 ⁹ cfu/ml

PACKAGING

10 kg, 5 kg Tubs.

SAFE HANDLING AND STORAGE

Store in original containers and avoid extremes of temperature.
For guidance on handling and disposal see Safety Data Sheet.

Manufactured and supplied by

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