

S-Oil Treat

Bioremediation of Oil Contaminated Soil

A biological treatment system to remove oil from oil contaminated soil 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

- Environmental Agency UK
- Middle East Trial

TECHNICAL DATA

Bacteria Type	Euro Type 1
Bacteria Count	4×10^9 cfu/g

PACKAGING

10 Kg, 5 Kg Tubs.

SAFE HANDLING

Store in original containers and avoid extremes of temperature.

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 Bio Technics Nutrient 8 solution in water, onto the soil to keep treated soil moist.
- If the soil is liable to compaction, it must be re-tilled to maintain aeration and may require additional culture and nutrient.
- 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.



For more information or to arrange a demonstration contact

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