

ABC 1500™

Hydrocarbon Remediation Microbial Consortium

ABC 1500™ is an advanced biological consortium combining spore-forming bacteria, vegetative microorganisms, and beneficial fungi into a multi-pathway biological architecture designed to support environmental remediation and hydrocarbon degradation. This integrated microbial system provides both rapid activation and sustained biological performance through the complementary action of active vegetative cells, resilient bacterial spores, and fungal organisms capable of colonizing and treating challenging contaminated environments.

ABC 1500™ is specifically designed for hydrocarbon-contaminated soils, petroleum wastewater, refinery operations, produced water systems, tank-bottom sludge treatment, drilling and completion activities, landfarming programs, petrochemical facilities, and environmental restoration projects. The consortium supports the biodegradation of fuels, oils, lubricants, petroleum residues, and other difficult-to-treat organic contaminants while contributing to odor reduction and improved environmental performance.

Features & Benefits

- Blend of vegetative and spore-forming microorganisms
- Rapid activation and sustained biological performance
- Accelerates biodegradation of petroleum hydrocarbons
- Supports degradation of fuels, oils, lubricants, and oily residues
- Assists reduction of hydrocarbon-associated odors
- Supports remediation of hydrocarbon-contaminated soils
- Suitable for formulation of environmental remediation products
- Designed for demanding industrial and petroleum applications

Specifications

Color & Appearance	Fine brownish powder
pH	5.0–7.5
Bacteria Count	5×10^{10} CFU/g
Shelf Life	2 years



Storage

Store in a cool, dry location. Keep containers tightly closed, before and after opening, to prevent moisture absorption and exposure to direct sunlight. Please follow the recommendations and use the product before the best before date. Contact Bionetix® with questions. Avoid inhalation, eye contact, and prolonged skin contact. Wash hands thoroughly after handling.

Typical Applications

- Hydrocarbon-contaminated soil treatment
- Environmental remediation products
- Petroleum refinery wastewater treatment
- Oil and gas production facilities
- Tank-bottom sludge treatment
- Drilling and completion operations
- Fracking and oilfield support applications
- Hydrocarbon storage terminals
- Fuel handling and transfer facilities
- Industrial wastewater containing hydrocarbons
- Petrochemical manufacturing facilities
- Landfarming and bioremediation projects

Directions for Use

Mix thoroughly prior to batch formulation. ABC 1500™ may be blended with carriers and complementary formulation ingredients to create customized hydrocarbon remediation and industrial biological treatment products. Dilution and application rates will vary depending on hydrocarbon concentration, contamination level, and site conditions. Contact Bionetix® for formulation and application guidance.