

Frequently Asked Questions

DISOL-ECO Hydrocarbon Remediation Technology

What is DISOL-ECO?

DISOL-ECO is an environmentally friendly hydrocarbon degrader designed to break down hydrocarbons at the molecular level. Unlike traditional dispersants that primarily break oil into smaller droplets, DISOL-ECO begins degrading hydrocarbons upon contact.

What types of hydrocarbons can DISOL-ECO treat?

DISOL-ECO is designed for a wide range of hydrocarbon contamination, including crude oil, refined petroleum products and other hydrocarbon-based pollutants.

Where can DISOL-ECO be used?

DISOL-ECO can be used in a variety of environments and applications, including industrial facilities and equipment, refineries and oil storage facilities, transportation equipment and tank cars, land-based spills, soil and vegetation, marine waters and shorelines, inland waterways, machinery, floors and tools.

How does DISOL-ECO work?

DISOL-ECO uses a chemical process that targets the bonds within hydrocarbon molecules. This initiates the breakdown of the hydrocarbons and helps transform them into simpler, non-toxic byproducts.

How quickly does DISOL-ECO work?

DISOL-ECO begins working immediately upon contact. Overall treatment time can vary depending on the type and concentration of the hydrocarbon, environmental conditions and the application method.

Is DISOL-ECO environmentally friendly?

According to DISOL-ECO product information, the technology has demonstrated non-toxicity and biodegradability testing and is designed to reduce the persistence of hydrocarbon pollutants in the environment.

Can DISOL-ECO be used around water?

Yes. DISOL-ECO is designed for applications that may include marine waters, shorelines and inland waterways. The appropriate application method should be determined based on the specific site and spill conditions.

How is DISOL-ECO applied?

Depending on the location and size of the affected area, DISOL-ECO can be applied by spraying, injection or manual application. A site-specific assessment is recommended to determine the appropriate application method.

Can DISOL-ECO be used for industrial cleaning?

Yes. DISOL-ECO can be used in areas affected by hydrocarbon contamination, including machinery, industrial floors, tools, equipment, storage facilities and other industrial environments.

How is DISOL-ECO different from bioremediation?

Bioremediation relies on microorganisms to degrade hydrocarbons. DISOL-ECO uses a chemical degradation process that begins working upon contact. According to the manufacturer, DISOL-ECO can also support the natural bioremediation process as part of a two-stage approach.

Does every hydrocarbon cleanup require the same treatment?

No. Every situation is different. The type of hydrocarbon, concentration, affected surface, environmental conditions and size of the contaminated area can influence the recommended treatment. Birchwood Business Networking Inc. can help evaluate the application and determine an appropriate approach for your project.

Can I request a consultation or product demonstration?

Yes. Contact Birchwood Business Networking Inc. to discuss your hydrocarbon contamination or industrial cleaning requirements and learn whether DISOL-ECO may be appropriate for your application.

Talk to Birchwood About Your Application

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