



iSorb® MioGel: VERTICAL

The Controllable Solution



Science that Sticks™



Did You Know?

It absolutely is possible to achieve effective bioremediation of hydrocarbon contamination on vertical and sloping surfaces. The difference-maker is the variable viscosities of our MioGel.



Bioremediation goes vertical.

What is iSorb® MioGel?

It is a patented formulation of natural ingredients that transforms water into a smart gel, loaded with trillions of hydrocarbon-consuming microbes. Available in variable viscosities that are just right for each application, iSorb® MioGel delivers faster results in fewer applications.

MioGel for Vertical Surfaces

MioGel sticks to vertical and sloping surfaces, revolutionizing the way you think about remediating hydrocarbon contamination. Our gels are formulated in application-specific viscosities, making the application process controllable. A controllable application ensures the connection between MioGel and the contaminant.

It all adds up to better results—in more places—because MioGel connects active microbes directly to the targeted contamination in an unrivaled way. For business looking to keep up with sustainability goals, it opens up a new world of possibilities.

Suggested Applications

- Drying Beds
- Retaining Walls
- Pumps and Valves
- Power Utility Transformers
- Hydrocarbon Stained Buildings
- Fuel Storage and Refilling Tanks



A Better Way for Industry

Powerful, safe, and environmentally compliant bio-cleaning

Where to Use

Until now, effective and efficient biological cleaning has been relegated only to open, flat surfaces. However, industrial sites, with many structures and even more equipment, have been unable to effectively clean hydrocarbon contamination and meet environmental benchmarks. Industry wants a better way.

Our high-viscosity gel makes industrial bio-cleaning viable. MioGel is the only treatment that is equally effective on flat, sloping, or vertical surfaces. It won't be disruptive to daily operations, and it won't create secondary contamination.

Use MioGel anywhere you never thought a bio-cleaner could work—and then use it everywhere else, too.

How to Apply

Remove any free oils from the surface to be treated. Based on your site-specific needs, brush or spray on a continuous coating of Factor 45 or Factor 72 MioGel. After seven days, wash off the treated surface. If any spot-cleaning is necessary,

apply a coat of MioGel to the specific area and leave for the natural cleaning process to occur.

Five gallons of MioGel will treat approximately 125 square feet of contaminated surface.

Popular Formulations

Standard formulations are extremely effective at remediating petroleum products, crude oils, diesel, gasoline, jet fuel, cutting and turbine oils, mineral spirits, mineral oil, and transformer and cable lubricating oils within soil with contamination levels below 50,000 parts per million.

Custom Formulations

If your project needs cannot be met by one of our popular treatments, talk to us about a custom formulation. We can customize based on viscosity and/or microbial blend. Blends are available to treat contaminants such as aromatic hydrocarbons, Creosote, chlorohydrocarbons, benzene, and more. Contact us to discuss your specific needs.

Technical Information

MioGel is all natural, non-hazardous, non-flammable, non-corrosive, non-toxic to humans, aquatic life, or the environment.

Appearance:	Off-white, semi-opaque gel
Regulatory:	MioGels are not regulated as hazardous materials
Application:	Apply by hand or automation (No mixing or diluting required)
Effective Temperature:	40F (5C) – 104F (40C)
Storage Temperature:	40F (5C) - 70F (20C)
pH Level:	7.2
Caution:	May cause slippery conditions. Use caution to avoid slips and falls.
Disposal:	Disposal of used product must comply with all federal, state/provincial, and local laws.

Product Effectiveness



Bioremediation is a natural process. Its effectiveness and speed are dependent on a variety of factors. For example: level of and the age of targeted contamination; substrate being treated; ambient temperature; and type of hydrocarbon being treated.

Not all hydrocarbons are the same; some take longer than others.

Every job site is unique. Contact us so we can help you develop a treatment plan to meet your specific needs and goals.



Before

After

MioGels for Vertical Surfaces

Product Code	Name	Description
VS4W4F45	Factor 45	Ideal for most vertical and sloping hard surfaces.
VS4WF72	Factor 72	Ideal for non-porous vertical or sloping hard surfaces.
VS4WC-5	Custom Blend	The microbial blend and/or viscosity can be customized to meet unique site requirements. Contact us for further details.

5 gal pail (19L), 24/pallet; 55 gal drum (208L), 4 /pallet; 275 gal tote (1041L), 1/pallet.