



iSorb® MioGel: AGGREGATES

The Controllable Solution



Science That Sticks™



Did You Know?

Successful biological cleaning depends on the treatment's ability to make and maintain contact with the targeted contamination.



Decontaminates loose gravels and hard surfaces.

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 Aggregates

MioGel for aggregates has been formulated in viscosities that make biological cleaning of hydrocarbon contamination from loose gravel, concrete, and other hard surfaces efficient and environmentally safe.

Suggested Applications

It all adds up to better results—in more places. For business looking to keep up with sustainability goals, it opens up a new world of possibilities.

- Track Ballast
- Loose Gravel
- Concrete/Asphalt
- Equipment Pads
- Spill Containment Pits



Evenly Spreads Cleaning Power

Never spreads contamination

Where to Use

iSorb® MioGels for aggregates are available in a range of viscosities. These gels surround, coat, and clean the 3-D surfaces of gravel—all sizes and all types. They are equally effective when combined with a MioMat or used alone on any hard, flat surface.

Factor 36 and 45 gels are typically used for loose gravels or in combination with a MioMat. Factor 18 is typically used on hard, flat surfaces.

How to Apply

Remove any loose material and free oils from the surface to be treated. When cleaning loose gravel, spray on MioGel. For use in conjunction with a MioMat or for cleaning a hard surface (such as a concrete floor), either spray or brush on MioGel—whichever best suits your needs. After seven days, wash off the treated surface. If surface is not sufficiently clean, reapply and treat for a second week. When using as part of the bio-exfoliation process, refer to MioMat instructions.

Five gallons of MioGel for aggregates will treat approximately 50 to 125 square feet of contaminated surface. Usage varies between gravel and flat surfaces. Contact us to determine your exact needs.

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.

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:	40°F (5°C) – 104°F (40°C)
Storage Temperature:	40°F (5°C) - 70°F (20°C)
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.



Before



After

MioGels for Aggregates

Product Code	Name	Description
H4WF18	Factor 18	Ideal for horizontal hard surfaces.
H4WF36	Factor 36	Ideal for loose gravel, hard surfaces, and for use with MioMat.
H4WF45	Factor 45	Ideal for larger aggregates/gravel.
H4WC	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

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.