

# EOS<sub>100</sub>

Water-mixable organic substrate  
excellent for barrier applications and  
high velocity aquifers



Water-mixable vegetable oil based organic  
substrate which provides a long-lasting source  
of carbon for enhanced *in situ* anaerobic  
bioremediation



## Product Advantages

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- Ideal for fractured rock
- Extended shelf life
- Food-grade and USDA certified
- 100% fermentable carbon
- Increased oil retention - longer life in biobarriers

**EOS**  
EOS Remediation



**Experience you can rely on,  
Products you can trust™**

### Description



EOS<sub>100</sub> is a water-mixable vegetable oil based organic substrate which provides a long-lasting source of carbon for enhanced *in situ* anaerobic bioremediation. EOS<sub>100</sub> is shipped as a concentrate; simply mix with water to instantly create an injection-ready oil solution.

EOS<sub>100</sub> benefits:

- 100% fermentable
- Employs the proven EOS® technology
- Larger droplet size for greater oil retention
- Excellent for barrier and fractured rock applications

Domestic supply made in the USA with US farmed soybeans.

### Chemical & Physical Properties

<u>Oil Concentrate: EOS<sub>100</sub></u>	<u>Typical</u>
Organic Carbon (% by wt.)	100
Refined and Bleached US Soybean Oil (% by wt.)	85
Slow Release Organics (% by wt.)	15
Specific Gravity	0.92 - 0.93

### Packaging

Shipped in 55-gallon drums, 275-gallon IBC totes or bulk tankers (40,000 lbs.)

### Handling & Storage

EOS<sub>100</sub> is shipped as concentrated oil that is diluted with water in the field to prepare a solution for easy injection. EOS<sub>100</sub> has a low viscosity and can be distributed with commonly available pumps or by continuous metering with a diluter (e.g., Dosatron™). Dilution ratios for EOS<sub>100</sub> typically range from 4:1 to 20:1 (water: EOS<sub>100</sub>) depending on site conditions. EOS<sub>100</sub> injections should be followed with additional chase water to maximize distribution of EOS<sub>100</sub> into the formation.

EOS<sub>100</sub> as shipped, has a shelf-life of  $\geq 2$  years depending on storage conditions.