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

**Product Advantages**

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

Experience you can rely on, Products you can trust™
EOS\textsuperscript{100} is a water-mixable vegetable oil based organic substrate which provides a long-lasting source of carbon for enhanced \textit{in situ} anaerobic bioremediation. EOS\textsuperscript{100} is shipped as a concentrate; simply mix with water to instantly create an injection-ready oil solution.

**EOS\textsuperscript{100} benefits:**
- 100% fermentable
- Employs the proven EOS\textsuperscript{®} 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.

**Oil Concentrate: EOS\textsuperscript{100}**

<table>
<thead>
<tr>
<th>Property</th>
<th>Typical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic Carbon (% by wt.)</td>
<td>100</td>
</tr>
<tr>
<td>Refined and Bleached US Soybean Oil (% by wt.)</td>
<td>85</td>
</tr>
<tr>
<td>Slow Release Organics (% by wt.)</td>
<td>15</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.92 - 0.93</td>
</tr>
<tr>
<td>Mass of Hydrogen Produced (lbs. H\textsubscript{2} per lb. EOS\textsuperscript{100})</td>
<td>0.40</td>
</tr>
</tbody>
</table>

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

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

EOS\textsuperscript{100} as shipped, has a shelf-life of ≥ 2 years depending on storage conditions.