

EOS 100		PRODUCT INFORMATION SHEET Emulsified Oils Family													
<p style="text-align: center;">Description</p> 	<p>EOS100 is a water-mixable vegetable oil based organic substrate which provides a long-lasting source of carbon for enhanced <i>in situ</i> anaerobic bioremediation. EOS100 is excellent for permeable reactive barrier applications and high velocity aquifers. EOS100 is shipped as a concentrate; simply mix with water to instantly create an injection-ready oil solution.</p> <p>EOS100 benefits:</p> <ul style="list-style-type: none"> • 100% fermentable • Employs the proven EOS[®] technology • Larger droplet size for greater oil retention • Excellent for barrier and fractured rock applications 														
<p style="text-align: center;">Chemical & Physical Properties</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Oil Concentrate: EOS100</u></th> <th style="text-align: right;"><u>Typical</u></th> </tr> </thead> <tbody> <tr> <td>Organic Carbon (% by wt.)</td> <td style="text-align: right;">100</td> </tr> <tr> <td>Refined and Bleached US Soybean Oil (% by wt.)</td> <td style="text-align: right;">85</td> </tr> <tr> <td>Slow Release Organics (% by wt.)</td> <td style="text-align: right;">15</td> </tr> <tr> <td>Specific Gravity</td> <td style="text-align: right;">0.92 - 0.93</td> </tr> <tr> <td>Mass of Hydrogen Produced (lbs. H₂ per lb. EOS100)</td> <td style="text-align: right;">0.40</td> </tr> </tbody> </table>			<u>Oil Concentrate: EOS100</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	Mass of Hydrogen Produced (lbs. H ₂ per lb. EOS100)	0.40
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<p style="text-align: center;">Packaging</p>	<p>Shipped in 55-gallon drums, 275-gallon IBC totes or bulk tankers (40,000 lbs.)</p>														
<p style="text-align: center;">Handling</p>	<p>EOS100 is shipped as concentrated oil that is diluted with water in the field to prepare a solution for easy injection. EOS100 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 EOS100 typically range from 4:1 to 20:1 (water: EOS100) depending on site conditions. EOS100 injections should be followed with additional chase water to maximize distribution of EOS100 into the formation.</p>														
<p style="text-align: center;">Storage</p>	<p>For best performance, use EOS100 within 180 days of delivery and store at a temperature between 4°C to 38°C.</p> <p>EOS100 has a shelf-life of ≥ 2 years depending on storage conditions.</p>														