


EOS 100		PRODUCT INFORMATION SHEET Emulsified Oils Family	
<p>Description</p> 	<p>EOS 100 is a water-mixable vegetable oil based organic substrate to provide a lasting source of carbon for enhanced <i>in-situ</i> anaerobic bioremediation. EOS 100 is shipped as a concentrate, simply mix with water to instantly create an injection friendly oil solution.</p> <p>EOS 100 benefits:</p> <ul style="list-style-type: none"> • 100% fermentable • Contains no water for reduced freight costs • Employs the same proven EOS® technology • Extended shelf-life • Greater oil retention – excellent for barrier applications or high velocity aquifers <p>Made in the USA with US farmed soybean oil.</p>		
<p>Chemical & Physical Properties</p>	<p>Oil Concentrate: EOS 100 Refined and Bleached US Soybean Oil (% by wt.) Other Organics (emulsifiers, food additives, etc.) (% by wt.) Specific Gravity Organic Carbon (% by wt.) Mass of Hydrogen Produced (lbs. H₂ per lb. EOS 100)</p>	<p>Typical 85 15 0.92 - 0.93 100 0.35</p>	
<p>Packaging</p>	<p>Shipped in 55-gallon drums, 275-gallon IBC totes or bulk tankers (40,000 lbs.)</p>		
<p>Handling & Storage</p>	<p>EOS 100 is shipped as concentrated oil that is diluted with water in the field to prepare a solution for easy injection. EOS 100 has a low viscosity and can be distributed with commonly available pumps or continuous metering with a diluter (e.g., Dosatron™). Dilution ratios for EOS 100 commonly range from 4:1 to 20:1 (water: EOS 100) depending on site conditions. EOS 100 injections should be followed with additional chase water to maximize distribution of EOS₁₀₀ into the formation.</p> <p>EOS 100 has a shelf-life of ≥ 2 years depending on storage conditions.</p>		

Distributed in Australia by:



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