

EOS QR	PRODUCT INFORMATION SHEET	
<p>Description</p>	<p>EOSQR is a quick release soluble substrate for rapid fermentation and short-lived electron donor addition. EOSQR is designed to pre-condition the aquifer creating a highly reducing redox state and initiate enhanced anaerobic dechlorination of contaminated groundwater. EOSQR serves as an excellent pre-treatment prior to an emulsified oil substrate (EOS[®]) injection.</p> <p>EOSQR benefits:</p> <ul style="list-style-type: none"> • A food grade substrate without sodium; ideal for salt-sensitive aquifers • Rapidly-biodegradable substrate to “jump start” bacterial growth • Soluble in water for excellent transport in the subsurface • Provides more electron equivalence per pound than sodium lactate 	
<p>Chemical & Physical Properties</p>	<p>Oil Emulsion Concentrate: EOSQR</p> <p>Rapidly Biodegradable Soluble Substrate (% by wt.)</p> <p>Specific Gravity</p> <p>Viscosity (at ambient temp.)</p> <p>Organic Carbon (% by wt.)</p> <p>Mass of Hydrogen Produced (lbs. H₂ per lb. EOSQR)</p>	<p>Typical</p> <p>99</p> <p>1.25 – 1.26</p> <p>~1,500 cP</p> <p>99</p> <p>0.15</p>
<p>Packaging</p>	<p>Shipped in 55-gallon drums, 275-gallon IBC totes</p>	
<p>Handling</p>	<p>EOSQR is shipped as a ready-to-use concentrate that can be diluted with water in the field. Dilution ratios for EOSQR typically range from 4:1 to 10:1 (water: EOSQR) depending on site conditions.</p>	
<p>Storage</p>	<p>For best performance, use EOSQR as shipped within 90 days of delivery and store at a temperature between 4°C to 38°C.</p>	