

BAC-9	PRODUCT INFORMATION SHEET Bioaugmentation Cultures & Media	
<p>Description</p>	<p>EOS Remediation introduces BAC-9 - an enriched bioaugmentation culture capable of degrading chlorinated solvents to innocuous compounds efficiently via halorespiration.</p> <p>Types of Application</p> <ul style="list-style-type: none"> • Direct injection for <i>in situ</i> treatment of chlorinated ethenes • Inoculation of on-site bioreactors <p>Application Results</p> <ul style="list-style-type: none"> • Degrades: tertachloroethylene (PCE), trichloroethene, (TCE), dichloroethene isomers (cis & trans-DCE), vinyl chloride (VC), Freon 113, hydrochlorofluorocarbons (HCFC), tetrafluoroethylene (TFE) and mixed plumes containing trichloroethane (1,1,1-TCA), carbon tetrachloride (CT) and chloroform • Rapidly and completely degrades DCE and VC to ethene • Degrades high concentrations of contaminants 	
<p>Chemical & Physical Properties</p>	<p>Bioaugmentation Culture: BAC-9</p> <p>Microbial consortium including <i>Dehalococcoides sp.</i> and enzymes in a water-based medium</p>	<p>Typical</p> <p>100</p>
<p>Packaging</p>	<p>Shipped in 20 liter pressurized soda keg; minimum quantity shipped is 19 liters. Orders greater than 19 liters are concentrated up to 10-fold to significantly reduce shipping and supply costs for your project. Actual volumes and concentration factor will be written on a hang tag attached with the keg.</p>	
<p>Handling & Storage</p>	<p>BAC-9 is shipped overnight direct to your site in a chilled cooler. Quick disconnects, with hose barbs for ¼" ID tubing are included with the kegs. All plumbing and tubing to expel the culture from the keg is included, additional tubing to reach the injection point must be supplied. An inert gas (Nitrogen or Argon) supply is required but not included. BAC-9 volumes can be measured for injection by the supplied delivery system which is provided in 1 liter, 2 liter or 3.5 liter total capacities.</p> <p>BAC-9 must be stored at 4°C (40°F) and can remain usable for up-to three weeks from delivery.</p>	

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