



EOS Asia Remediation Co., Ltd.

Experience you can rely on, Products you can trust

BAC-9	PRODUCT INFORMATION SHEET Bioaugmentation Cultures & Media	
Description	<p>BAC-9™ is an enriched bioaugmentation culture capable of degrading chlorinated solvents to innocuous compounds efficiently via halorespiration.</p> <p>Applications:</p> <ul style="list-style-type: none"> • Direct injection for <i>in situ</i> treatment of chlorinated ethenes • Inoculation of on-site bioreactors • Degrades: tetrachloroethylene (PCE), trichloroethene, (TCE), dichloroethene isomers (cis & trans-DCE), vinyl chloride (VC), Freon 113, mixed plumes containing trichloroethane (1,1,1-TCA & 1,1,2-TCA), dichloroethane isomers, carbon tetrachloride (CT), chloroform, and bromine compounds (carbon tetrabromide, bromoform, EDB and bromoethane) 	
Chemical & Physical Properties	<p>Bioaugmentation Culture: BAC-9</p> <p>Microbial consortium including <i>Dehalococcoides mccartyi</i> and enzymes in a water-based medium</p>	<p>Typical</p> <p>10¹¹ Cells/L</p>
Packaging	<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>	
Handling & Storage	<p>BAC-9 is shipped overnight direct to your site in a chilled cooler. Your BAC-9 delivery includes: instruction manual, delivery cylinder (1, 2 or 3.5 liter) with quick connects and ¼" ID tubing hose barbs. An inert gas (Nitrogen or Argon) cylinder, regulator, and additional tubing to reach the injection point are required but not included.</p> <p>BAC-9 must be stored at 4°C (40°F) and can remain usable for up-to three weeks from delivery.</p>	