

Bioaugmentation Cultures & Media

FAMILY OVERVIEW

EOS Remediation, LLC is a global leader for *in situ* remediation products and support. We offer a variety of products to meet client needs including a low-cost way to optimize and increase microbial activity by providing bioaugmentation cultures which can be injected directly into an aquifer or applied to onsite bioreactors. BAC-9 is a microbial consortium of *Dehalococcoides sp.* enriched to degrade PCE and TCE completely to ethene. Another microbial consortium of several dechlorinating bacteria, ENV-TCA20 is enriched to biodegrade chlorinated ethanes, carbon tetrachloride and chloroform. Custom cultures are also available. At EOS Remediation, we provide personal and reliable service, cost-effective products and proven results.

Name	Product Description
BAC-9	If chlorinated ethenes are your target, BAC-9 is a mixed microbial consortium specifically enriched for degrading chlorinated solvents like tetrachloroethylene (PCE), trichloroethylene (TCE), cis-1, 2-dichloroethylene (cis-DCE) and vinyl chloride (VC).
ENV-TCA20	If chlorinated ethanes are your target, ENV-TCA20 is a mixed microbial consortium specifically enriched for degrading chlorinated alkanes like trichloroethane (TCA), carbon tetrachloride (CT) and chloroform.
Custom Cultures	If indigenous <i>Dehalococcoides</i> organisms are present at low population densities, we are able to develop enrichments from site groundwater for use during bioaugmentation.
Storage & Handling	

Cultures are sold in 20 liter pressurized soda kegs. Keg concentration can be adjusted to meet project-specific requirements. Quick disconnects with hose barbs for ¼ inch tubing and an appropriately sized delivery system are included with the kegs. Culture kegs are shipped overnight in a chilled cooler direct to your site.

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