



Range of Treatable Contaminants Guide



Range of Treatable Contaminants

REGENESIS products have been used to effectively treat a broad range of groundwater contaminants from petroleum hydrocarbons, to chlorinated solvents, pesticides, and metals. Contact us to discuss the treatability of your contaminant of concern and site details so that we can recommend the most effective REGENESIS solution.

Contaminant treatable with REGENESIS Products

Range of Treatable Contaminants	LAC	ISCO			Aerobic Bio	Anaerobic Bio				ISCR
	PlumeStop®	RegenOx®	PetroCleanze®	PersulfOx®	ORC® Advanced	3DME®	HRC®	HRC-X®	BDI® Plus	CRS®
BTEX										
Benzene	✓	✓	✓	✓	✓					
Toluene	✓	✓	✓	✓	✓					
Ethylbenzene	✓	✓	✓	✓	✓					
Xylene	✓	✓	✓	✓	✓					
Petroleum Hydrocarbons										
Gasoline Range Organics (GRO) (C ₆ -C ₁₀₋₁₂)	✓	✓	✓	✓	✓					
Diesel Range Organics (DRO) (C ₈₋₁₂ -C ₂₄₋₂₆)	✓	✓	✓	✓	✓					
Oil Range Organics (ORO) (C ₂₂₋₃₂)	✓	✓	✓	✓	✓					
Creosote (coal tar)	✓	✓	✓	✓	✓					
Oxygenates										
Methyl tert-butyl ether (MTBE)	✓	✓	✓	✓	✓					
Tert-butyl alcohol (TBA)	✓	✓	✓	✓	✓					
Chlorinated Solvents										
Tetrachloroethylene (PCE)	✓	✓	✓	✓		✓	✓	✓	✓	✓
Trichloroethene (TCE)	✓	✓	✓	✓		✓	✓	✓	✓	✓
cis-1,2 Dichloroethene (DCE)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Vinyl chloride (VC)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tetrachloroethane	✓	✓	✓	✓		✓	✓	✓	✓	✓
Trichloroethane (TCA)	✓	✓	✓	✓		✓	✓	✓	✓	✓
Dichloroethane (DCA)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Carbon tetrachloride	✓	✓	✓	✓		✓	✓	✓	✓	✓
Chloroethane	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Chloroform	✓	✓	✓	✓		✓	✓	✓	✓	✓
Chloromethane	✓	✓	✓	✓		✓	✓	✓	✓	✓
Chlorotoluene	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Methylene chloride	✓	✓	✓	✓		✓	✓	✓	✓	✓
Dichloropropane	✓	✓	✓	✓		✓	✓	✓	✓	✓
Dichloropropene	✓	✓	✓	✓		✓	✓	✓	✓	✓
Hexachlorobutadiene	✓	✓	✓	✓		✓	✓	✓	✓	✓
Trichloropropane	✓	✓	✓	✓		✓	✓	✓	✓	✓
Bis(2-chloroethyl)ether	✓	✓	✓	✓		✓	✓	✓	✓	✓
Bis(2-chloroethoxy)methane	✓	✓	✓	✓		✓	✓	✓	✓	✓
PAHs										
Acenaphthene	✓	✓	✓	✓	✓					
Acenaphthylene	✓	✓	✓	✓	✓					
Anthracene	✓	✓	✓	✓	✓					
Benzo(a)anthracene	✓	✓	✓	✓	✓					
Benzo(a)pyrene	✓	✓	✓	✓	✓					
Benzo(b)fluoranthene	✓	✓	✓	✓	✓					
Benzo(ghi)perylene	✓	✓	✓	✓	✓					
Chrysene	✓	✓	✓	✓	✓					
Dibenzo(a,h)anthracene	✓	✓	✓	✓	✓					
Fluorene	✓	✓	✓	✓	✓					
Naphthalene	✓	✓	✓	✓	✓					
Phenanthrene	✓	✓	✓	✓	✓					
Pyrene	✓	✓	✓	✓	✓					
Aromatics										
2-chlorophenol	✓	✓	✓	✓	✓					
2,4-dichlorophenol	✓	✓	✓	✓	✓					
2,4-dinitrophenol	✓	✓	✓	✓	✓					
4-chloro-3-methyl phenol	✓	✓	✓	✓	✓					
4-iso-propyltoluene	✓	✓	✓	✓	✓					
4-nitrophenol	✓	✓	✓	✓	✓					

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	PlumeStop®	RegenOx®	PetroCleanze®	PersulfOx®	ORC® Advanced	3DME®	HRC®	HRC-X®	BDI® Plus	CRS®
Aromatics (continued)										
Chlorobenzene	✓	✓	✓	✓	✓					
Dichlorobenzene	✓	✓	✓	✓	✓					
N-butylbenzene	✓	✓	✓	✓	✓					
Nitrobenzene	✓	✓	✓	✓	✓					
Pentachlorophenol	✓	✓	✓	✓	✓	✓	✓	✓		✓
Phenol	✓	✓	✓	✓	✓					
Propylbenzene	✓	✓	✓	✓	✓					
Styrene	✓	✓	✓	✓	✓					
Trichlorobenzene	✓	✓	✓	✓	✓					
Trimethylbenzene	✓	✓	✓	✓	✓					
Haloalkanes										
Dichlorodifluoromethane (Freon 12)	✓					✓	✓	✓		✓
Trichlorofluoromethane (Freon 11)	✓					✓	✓	✓		✓
Trichlorofluoroethane (Freon 113)	✓					✓	✓	✓		✓
Pesticides & Herbicides										
α-Chlordane	✓					✓	✓	✓		✓
Heptachlor Epoxide	✓					✓	✓	✓		✓
Lindane (hexachlorocyclohexane)	✓					✓	✓	✓		✓
DDT, DDD, DDE	✓					✓	✓	✓		✓
Toxaphene	✓					✓	✓	✓		✓
Dieldrin	✓					✓	✓	✓		✓
2,4-D	✓					✓	✓	✓		✓
2,4,5-T	✓					✓	✓	✓		✓
Endrin	✓					✓	✓	✓		✓
Energetics										
TNT	✓	✓				✓	✓	✓		✓
DNT	✓	✓				✓	✓	✓		✓
Nitroglycerine	✓	✓				✓	✓	✓		✓
HMX	✓	✓				✓	✓	✓		✓
RDX	✓	✓				✓	✓	✓		✓
Miscellaneous										
Acetone	✓	✓	✓	✓	✓					
Bis(2-ethylhexyl)phthalate	✓	✓	✓	✓	✓					
4-methyl-2-pentanone	✓	✓	✓	✓	✓	✓				
Perchlorate						✓	✓	✓		✓
Polychlorinated biphenyls (PCBs)	✓					✓				
Nitrates						✓	✓	✓		✓
Carbon Disulfide (CS ₂)		✓	✓	✓		✓	✓	✓		
1,4-dioxane	✓			✓						
Heavy Metals										
Chromium (VI)						✓	✓	✓		✓

For additional questions or for a site review please call 949.366.8000

Results will depend on specific site conditions, please discuss your site with a REGENESIS Technical Manager. The information provided is for guidance only. It is recommended that a treatability study be performed to verify applicability to your specific contaminant and site conditions. REGENESIS makes no warranty or representation, expressed or inferred, and nothing herein should be construed as to guaranteeing actual results in field use, or permission or recommendation to infringe any patent.

TECHNOLOGY-BASED SOLUTIONS FOR SOIL AND GROUNDWATER REMEDIATION

REGENESIS® products and services have been used on over 25,000 projects worldwide. With visibility on 1,000's of projects annually, REGENESIS has exposure to a wide spectrum of sites.

Trust REGENESIS to be your remediation resource for your next project.



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