

DXO-88

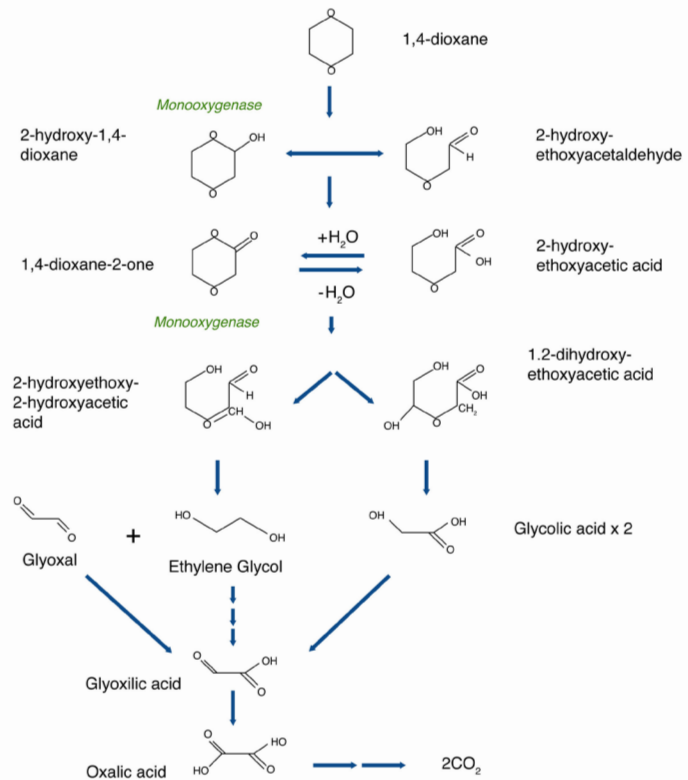
Bioaugmentation Culture



DXO-88™ is a culture developed for treatment of 1,4-dioxane. This aerobic culture can be used for both metabolic and cometabolic 1,4-dioxane bioremediation in groundwater or in ex-situ bioreactors. A key benefit of this culture is in its effectiveness to reduce 1,4-dioxane concentrations to low levels (i.e., less than 1 ppb). SiREM ships these cultures aerobically and closely coordinates delivery to coordinate with site activities for rapid injection.

This culture can be evaluated in bench scale batch and column testing for its applicability under site specific conditions and contaminant mixtures.

Additional information on 1,4-dioxane is available from SiREM, and additionally SiREM contributed to the writing of a key technical resource prepared by the ITRC <https://14d-1.itrcweb.org>, which provides fact sheets, a guidance document and regular technical training.



Contact SiREM for more information on our DXO-88 culture and 1,4-dioxane treatability study and Gene-Trac testing options

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Gene-Trac molecular tests applicable to 1,4-dioxane biodegradation include:

- Gene-Trac dxmB
- Cometabolic metabolism (Gene-Trac MMO and PMO)

For cometabolism biomarkers, please contact SiREM to select the appropriate GeneTrac test to match the cometabolic substrate being used.