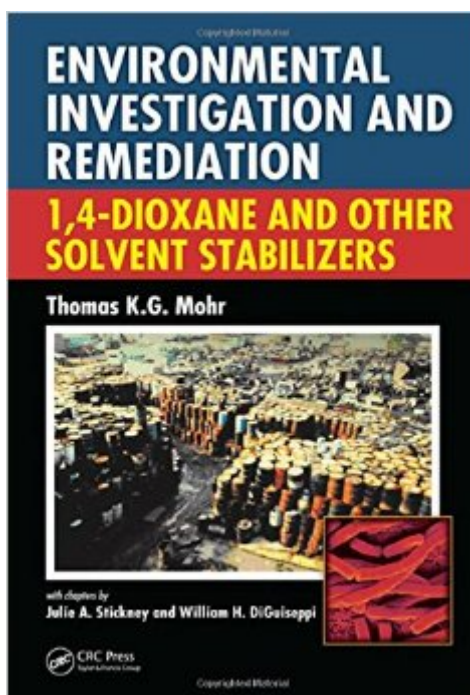


The book was found

# Environmental Investigation And Remediation: 1,4-Dioxane And Other Solvent Stabilizers



## Synopsis

A ubiquitous, largely overlooked groundwater contaminant, 1,4-dioxane escaped notice by almost everyone until the late 1990s. While some dismissed 1,4-dioxane because it was not regulated, others were concerned and required testing and remediation at sites they oversaw. Drawing years of 1,4-dioxane research into a convenient resource, *Environmental Investigation and Remediation: 1,4-Dioxane and other Solvent Stabilizers* profiles the nature of 1,4-dioxane and several dozen other solvent stabilizer compounds. The author takes an approach he calls "contaminant archeology", i.e., reviewing the history of the contaminating chemical's use in the industrial workplace at the site of release and how those uses impart chemical characteristics to the waste that affects its fate and transport properties. The book examines the uses, environmental fate, laboratory analysis, toxicology, risk assessment, and treatment of 1,4-dioxane in extensive detail. It provides case studies that document the contaminant migration, regulation, treatment, and legal aspects of 1,4-dioxane releases. It also describes the controversy over interpretation of 1,4-dioxane's toxicology and associated risk, as well as the corresponding disparity in state's regulation of 1,4-dioxane. A final chapter examines the policy implications of emerging contaminants like 1,4-dioxane, with discussion of opportunities to improve the regulatory and remedial response to this persistent contaminant in the face of toxicological uncertainty. Mobility, persistence, and treatment challenges combine to make 1,4-dioxane a particularly vexing contaminant. It is more mobile than any other contaminant you are likely to find at solvent release sites. Filled with case studies, equations, tables, figures, and citations, the book supplies a wide range of information on 1,4-dioxane. It then provides passive and active remediation strategies and treatment technologies for 1,4-dioxane in groundwater and provides you with the technical resources to help you decide which are appropriate for your site. For more information about Thomase Mohr and his book, go to <http://www.The14DioxaneBook.com>

## Book Information

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## Customer Reviews

Tom Mohr and his various co-authors have put together a very fact-filled and well researched book about solvent stabilizers. This is a must read for anyone working in the groundwater remediation/contamination marketplace. I would highly recommend it!!

I have spent over 19 years in the field of regulating hazardous waste, including landfill closure, enforcement, and contaminated site remediation oversight for the California Department of Toxic Substances Control. I am a licensed civil engineer in California, and have spent the last eight years as a project manager in the site cleanup program. I am currently involved in the investigation of a contaminated property where 1,4-Dioxane is present and have learned a tremendous amount about investigation and remediation of 1,4-D from Tomas Mohr's book. This is a towering reference work on a group of groundwater contaminants that are quite common, but because they are so different from other organic compounds, they have so far eluded substantial regulation or scrutiny. If you are interested in understanding and remediating contaminated soil and groundwater, this reference is unrivaled and indispensable. I cannot recommend this book more highly. If I could, I would give it 10 stars!! I checked it out on interlibrary loan from a university library, but had to return it after 6 weeks when it came due. I am coming here to because it is offered at a substantial discount from the publisher's price of \$179.00 + tax.

Tom Mohr is an environmental expert in 1,4-dioxane and he has written a book that provides the most comprehensive description of the assessment and remediation of the compound. Although 1,4-dioxane and other solvent stabilizers were originally overlooked by regulatory authorities when examining chlorinated solvent sites, Mr. Mohr was paying attention as regulator for an agency squarely in the center of the industrial solvent spills that occurred in Silicon Valley. He was one of the first regulators to realize there was a new and recalcitrant set of compounds that were not being evaluated or tested for in groundwater. The book reflects his expertise and professional focus on

1,4-dioxane and other solvent stabilizers.

This is exactly what I needed to for work and will use it for reference when needed. Thank you so much!

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