

Welcome

Technical Resources for Addressing Environmental Releases of 1,4-Dioxane



This Interstate Technology and Regulatory Council (ITRC) online documentation includes the 1,4-Dioxane Fact Sheets, Guidance Document, and six-part modular training courses prepared by the ITRC 1,4-Dioxane Team. Links within the online document help the reader locate interrelated topics. It is the intention of ITRC to periodically update the document as significant new information and regulatory approaches for 1,4-dioxane develop. The web-based nature of this document lends itself to updating of key information in this rapidly evolving subject. Each document can be downloaded as a PDF.

The documents are designed for state and federal environmental staff, project managers, and other stakeholders to gain knowledge of 1,4-dioxane history and potential sources, regulatory framework, environmental fate and transport, investigation strategies, sampling and analysis, toxicity and risk assessment, and remediation and treatment technologies. The document was developed by a team of over 200 environmental practitioners drawn from state and federal government, academia, industry, environmental consulting, and public interest groups. While every effort was made to keep the information accessible to a wide audience, it is assumed the reader has some basic technical background in chemistry, environmental sciences, risk assessment, and environmental remediation. ITRC also produced a [Risk Communications Toolkit](#) that can be applied to emerging contaminants and 1,4-dioxane issues.

Lists of [acronyms](#), [glossary](#) terms, and [references](#) cited in the documents are also available on this website.

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