

- ACS. 1929. Market Report – October 1929. edited by American Chemical Society.
- Adamson, David T., Phillip C. de Blanc, Shahla K. Farhat, and Charles J. Newell. 2016. "Implications of Matrix Diffusion on 1,4-Dioxane Persistence at Contaminated Groundwater Sites." *Science of The Total Environment* 562 (August):98-107.
- Adamson, David T., Shaily Mahendra, Kenneth L. Walker Jr., Sharon R. Rauch, Shayak Sengupta, and Charles J. Newell. 2014. "A Multisite Survey to Identify the Scale of the 1,4-Dioxane Problem at Contaminated Groundwater Sites." *Environmental Science & Technology Letters* 1 (5):254-258.
- Adamson, David T., Shaily Mahendra, Kenneth L. Walker Jr., Sharon R. Rauch, Shayak Sengupta, and Charles J. Newell. 2014. "A Multisite Survey to Identify the Scale of the 1,4-Dioxane Problem at Contaminated Groundwater Sites." *Environmental Science & Technology Letters* 1 (5):254-258.
- Aitchison, Eric W., Sara L. Kelley, Pedro J. J. Alvarez, and Jerald L. Schnoor. 2000. "Phytoremediation of 1,4-Dioxane by Hybrid Poplar Trees." *Water Environment Research* 72 (May/June):313-321.
- Anderson, Richard H., Janet K. Anderson, and Paul A. Bower. 2012. "Co-occurrence of 1, 4-Dioxane with Trichloroethylene in Chlorinated Solvent Groundwater Plumes at US Air Force Installations: Fact or Fiction." *Integrated Environmental Assessment and Management* 8 (4):731-737.
- Archer, Wesley L., and Violete L. Stevens. 1977. "Comparison of Chlorinated Aliphatic, Aromatic, and Oxygenated Hydrocarbons as Solvents." *Industrial & Engineering Chemistry, Product Research and Development* 16 (4):319-326.
- Astbury. 2004. "Hazards XVIII: Process Safety, Sharing Best Practice, Symposium Series 150."
- ATSDR. 2012. Toxicological Profile for 1,4 Dioxane. Agency for Toxic Substances and Disease Registry.
- ATSDR. 2012. Toxicological Profile for 1,4 Dioxane. Agency for Toxic Substances and Disease Registry.
- ATSDR. 2012. Toxicological Profile for 1,4 Dioxane. Agency for Toxic Substances and Disease Registry.
- Barajas-Rodriguez, Francisco J., and David L. Freedman. 2018. "Aerobic Biodegradation Kinetics for 1,4-Dioxane under Metabolic and Cometabolic Conditions." *Journal of Hazardous Materials* 350 (May):180-188. <https://doi.org/10.1016/j.jhazmat.2018.02.030>.
- Barajas-Rodriguez, Francisco J., and David L. Freedman. 2018. "Aerobic Biodegradation Kinetics for 1,4-Dioxane under Metabolic and Cometabolic Conditions." *Journal of Hazardous Materials* 350 (May):180-188. doi: <https://doi.org/10.1016/j.jhazmat.2018.02.030>.
- BCC. 2002. "Process Makes Purer Plastics Retardant – Business Communications Company." *Flame Retardancy News* 12 (8):1.
- Bell, Caitlin, Jeff McDonough, Kelly S. Houston, and Kathleen Gerber. 2016. "Stable Isotope Probing to Confirm Field-Scale Cometabolic Biodegradation of 1,4-Dioxane." *Remediation Journal* , 27 (December):47-59. doi: 10.1002/rem.21496.
- Bray, George A. 1960. "A Simple Efficient Liquid Scintillator for Counting Aqueous Solutions in a Liquid Scintillation Counter." *Analytical Biochemistry* 1 (4-5):279-285.
- California State Senate. 2017. Cleaning Product Right to Know Act. Senate Bill 258
2003. 2003. V-chip Cleaning and Coating Guide. Cornell Dubilier.
- Chen, Dong-Zhi, Xiao-Jun Jin, Jing Chen, Jie-Xu Ye, Ning-Xin Jiang, and Jian-Meng Chen. 2016. "Intermediates and Substrate Interaction of 1,4-Dioxane Degradation by Effective Metabolizer Xanthobacter Favus DT8." *International Biodeterioration and Biodegradation* 106 (January ):133-140. doi: 10.1016/j.ibiod.2015.09.018.
- Chiang, Sheau-Yun [Dora], Richard [Hunter] Anderson, Michael Wilken, and Claudia Walecka-Hutchison. 2016. "Practical Perspectives of 1, 4-Dioxane Investigation and Remediation." *Remediation Journal* 21 (1):7-27.
- CRC. 1987. Material Safety Data Sheet for 5089 Brakleen Aerosol FSC: 6850. CRC Chemicals.
- CWB. 2019. 1,4-Dioxane Water Quality Database. California Water Boards.
- Deng, Daiyong, Fei Li, and Mengyan Li. 2018. "A Novel Propane Monooxygenase Initiating Degradation of 1,4-Dioxane by Mycobacterium Dioxanotrophicus PH-06." *Environmental Science and Technology Letters* 5 (December):86-91. doi: 10.1021/acs.estlett.7b00504.
- DiGuseppi, W., D. Winter, J. Hatton, J. Field, K. Barzen-Hanson, and J. Bishop; D. Berggren. 2015. "Emerging Contaminant False Positives from Standard Groundwater Sampling Equipment and Procedures." Poster presented at 3rd International Symposium on Bioremediation and Sustainable Environmental Technologies.
- Doherty, Richard E. 2000. "A History of the Production and Use of Carbon Tetrachloride, Tetrachloroethylene, Trichloroethylene, and 1,1,1-Trichloroethane in the United States: Part 1—Historical Background; Carbon Tetrachloride and Tetrachloroethylene." *Journal of Environmental Forensics* 1 (2):69-81.

Drewes, Jörg E., Paul Anderson, Nancy Denslow, Walter Jakubowski, Adam Olivieri, Daniel Schlenk, and Shane Snyder. 2018. Monitoring Strategies for Constituents of Emerging Concern (CECs) in Recycled Water. Southern California Coastal Water Research Project.

2010. 2010. Screening Assessment for the Challenge, 1,4-Dioxane. Environment Canada, Health Canada.

2011. 2010. Screening Assessment for the Challenge, 1,4-Dioxane. Environment Canada, Health Canada.

ECB. 2002. European Union Risk Assessment Report for 1,4-Dioxane. edited by The Netherlands: Institute for Health and Consumer Protection: European Chemicals Bureau.

Estimation Programs Interface Suite for Microsoft Windows, v 4.11. Syracuse Research Corporation.

2000. 2000. Final Explanation of Significant Difference (ESD) IRP Sites 1,2, and 3 Remedial Action. Tucson, AZ: Earth Tech.

FDA. 1997. Letter from FDA Regarding Dioxane in Contraceptive Sponges. Food and Drug Administration.

Hatzinger, Paul B., Rahul Banerjee, Rachael Rezes, Sheryl H. Streger, Kevin McClay, and Charles E. Schaefer. 2017. "Potential for Cometabolic Biodegradation of 1,4-Dioxane in Aquifers with Methane or Ethane as Primary Substrates." *Biodegradation* 28 (December):453-468. doi: 10.1007/s10532-017-9808-7.

Hatzinger, Paul B., Rahul Banerjee, Rachael Rezes, Sheryl H. Streger, Kevin McClay, and Charles E. Schaefer. 2017. "Potential for Cometabolic Biodegradation of 1,4-Dioxane in Aquifers with Methane or Ethane as Primary Substrates." *Biodegradation* 28 (December):453-468. doi: 10.1007/s10532-017-9808-7.

2018. 2018. 1,4-Dioxane in Drinking Water: Guideline Technical Document for Public Consultation. edited by Health Canada:  
<https://www.canada.ca/content/dam/hc-sc/documents/programs/consultation-1-4-dioxane-drinking-water/pub-en-g.pdf>.

Hinchee, Robert E., Paul R. Dahalen, Paul C. Johnson, and David R. Burris. 2018. "1,4-Dioxane Soil Remediation Using Enhanced Soil Vapor Extraction: I. Field Demonstration." *NGWA Groundwater Monitoring & Remediation* 38 (Spring):40-48.

Hovenkamp, S. G., and J. P. Munting. 1970. "Formation of Glycol as a Side Reaction during Production of Polyethylene Terephthalate." *Journal of Polymer Science*:679-682.

HSDB. 2010. 1,4-Dioxane. Hazardous Substances Data Bank.

[https://www3.epa.gov/region1/npdes/remediation/FinalPermit\\_Rev1.pdf](https://www3.epa.gov/region1/npdes/remediation/FinalPermit_Rev1.pdf).

Huang, Huanlin, Dongsheng Shen, Na Li, Dan Shan, Jiali Shentu, and YuYang Zhou. 2014. "Biodegradation of 1,4-Dioxane by a Novel Strain and Its Biodegradation Pathway." *Water, Air, & Soil Pollution* 225 (September):2135-2146. doi: 10.1007/s11270-014-2135-2.

IARC. 1999. IARC Monographs on the Evaluation of Carcinogenic Risks to Humans: Volume 71. Lyon, France: International Agency for Research on Cancer.

ITRC. 2006. Technology Overview of Passive Sampler Technologies. Washington, DC: Interstate Technology & Regulatory Council.

Johnson, Wilbur Jr. 2001. "Final Report on the Safety Assessment of PEG-25 Propylene Glycol Stearate, PEG-75 Propylene Glycol Stearate, PEG-120 Propylene Glycol Stearate, PEG-10 Propylene Glycol, PEG-8 Propylene Glycol Cocoate, and PEG-55 Propylene Glycol Oleate." *International Journal of Toxicology* 20 (4):13-26.

Karges, Ursula, Johannes Becker, and Wilhelm Püttmann. 2018. "1, 4-Dioxane pollution at contaminated groundwater sites in western Germany and its distribution within a TCE plume." *Science of the Total Environment* (April):712-720.

Kelley, Sara L., Eric W. Aitchison, Milind Deshpande, Jerald L. Schnoor, and Pedro J. Alvarez. 2001. "Biodegradation of 1,4-Dioxane in Planted and Unplanted Soil: Effect of Bioaugmentation with *Amycolata* sp. CB119." *Water Research* 35 (November):3791-3800. doi: 10.1016/S0043-1354(01)00129-4.

Liu, Wei-Han, Miguel A. Medina Jr., Wayne Thomann, Warren T. Piver, and Timothy L. Jacobs. 2000. "Optimization of Intermittent Pumping Schedules for Aquifer Remediation Using a Genetic Algorithm." *Journal of the American Water Resources Association* 36 (6):1335-1348.

Lourenço, M. A.-V. 1863. "Recherches sur les composés polyatomiques [Research on the polyatomic compounds]." *Annales de Chimie et de Physique* 67:257-339.

Mahendra, Shaily, Ariel Grostern, and Lisa Alvarez-Cohen. 2013. "The Impact of Chlorinated Solvent Co-Contaminants on the Biodegradation Kinetics of 1,4-Dioxane." *Chemosphere* 91 (1):88-92. doi:

<https://doi.org/10.1016/j.chemosphere.2012.10.104>.

Mahendra, Shaily, Christopher J. Petzold, Edward E. Baidoo, Jay D. Keasling, and Lisa Alvarez-Cohen. 2007. "Identification of the Intermediates of in Vivo Oxidation of 1,4-Dioxane by Monoxygenase-Containing Bacteria." *Environmental Science & Technology Letters* 41 (November):7330–7336. doi: 10.1021/es0705745.

Matsumura, Hiroyuki, Syu Shimamoto, and Tohru Shibata. 1997. Tobacco smoke filter materials, fibrous cellulose esters, and production processes.

MEGLE. 2019. Rule 57 Surface Water Quality Values, Surface Water Assessment Section. Michigan: Michigan Department of Environment, Great Lakes, and Energy.

Mohr, Thomas K. G., William H. DiGuseppi, Janet Katherine Anderson, and James W. Hatton. 2020. *Environmental Investigation and Remediation: 1,4-Dioxane and Other Solvent Stabilizers* 2nd ed. Boca Raton, FL: CRC Press.

Mohr, Thomas K. G., William H. DiGuseppi, Janet Katherine Anderson, and James W. Hatton. 2020. *Environmental Investigation and Remediation: 1,4-Dioxane and Other Solvent Stabilizers* 2nd ed. Boca Raton, FL: CRC Press.

Mossman, H. W. 1937. "The Dioxane Technic." *Stain Technology* 12 (4):147–156.

NICNAS. 1998. 1,4-Dioxane Priority Existing Chemical No. 7: Full Public Report. Sydney: National Industrial Chemicals Notification and Assessment Scheme.

NYS. 2019. Proposed Rule Making: Maximum Contaminant Levels (MCLs). edited by New York State Register 41. Albany, NY: New York State.

NYSPI. 2017. Historic and Current Potential Sources of 1,4 dioxane – Research Summary. New York State Pollution Prevention Institute.

Ouyang, Ying. 2002. "Phytoremediation: Modeling Plant Uptake and Contaminant Transport in the Soil-Plant-Atmosphere Continuum." *Journal of Hydrology* 266 (September):66–82. doi: 10.1016/S0022-1694(02)00116-6.

Philippoff, W. . 2006. "Weissenberg's Contributions to Rheology." In Karl Weissenberg—The 80th Birthday Celebration Essays.

Priddle, Mark W., and Richard Ervin Jackson. 1991. "Laboratory Column Measurement of VOC Retardation Factors and Comparison with Field Values." *Groundwater* 2 (March ):260–266.

Proposition 65 No Significant Risk Levels for Carcinogens and Maximum Allowable Dose Levels for Chemicals Causing Reproductive Toxicity.

ProSystems. 2002. "Under the Scoop: Carburetors and Concepts." accessed May 14, 2019.

<https://prosystemsracing.com/carburetors-and-concepts>.

Pundlik, M. D., B. Sitharaman, and Inderjit Kaur. 2001. "Gas Chromatographic Determination of 1,4-Dioxane at Low Parts-per-Million Levels in Glycols." *Journal of Chromatographic Science* 39 (February):73–76.

RSC. 1992. "Union Carbide Sells Dioxane Business to Division of Ferro – Royal Society of Chemistry." *American Paint and Coatings Journal* 21 (1).

Schep, Leo J., Robin J. Slaughter, Wayne A. Temple, and D. Michael G. Beasley. 2009. "Diethylene glycol poisoning." *Clinical Toxicology* 47 (6):525-535. doi: 10.1080/15563650903086444.

Schep, Leo J., Robin J. Slaughter, Wayne A. Temple, and D. Michael G. Beasley. 2009. "Diethylene glycol poisoning." *Clinical Toxicology* 47 (6):525-535. doi: 10.1080/15563650903086444.

Shearer, T. P., and L. G. Hunsicker. 1980. "Rapid Method for Embedding Tissues for Electron Microscopy Using 1,4-Dioxane and Polybed 812." *Journal of Histochemistry and Cytochemistry* 28 (5):465–467.

Shen, WeiRong, Hong Chen, and Shanshan Pan. 2008. "Anaerobic Biodegradation of 1,4-Dioxane by Sludge Enriched with Iron-Reducing Microorganisms." *Bioresource Technology* 99 (7):2483-2487. doi:

<https://doi.org/10.1016/j.biortech.2007.04.054>

Simonich, Staci Massey, Ping Sun, Ken Casteel, Scott Dyer, Dave Wernery, Kevin Garber, Gregory Carr, and Thomas Federle. 2013. "Probabilistic Analysis of Risks to US Drinking Water Intakes from 1,4-Dioxane in Domestic Wastewater Treatment Plant Effluents." *Integrated Environmental Assessment and Management* 9 (October):554–559.

Simonich, Staci Massey, Ping Sun, Ken Casteel, Scott Dyer, Dave Wernery, Kevin Garber, Gregory Carr, and Thomas Federle. 2013. "Probabilistic Analysis of Risks to US Drinking Water Intakes from 1,4-Dioxane in Domestic Wastewater Treatment Plant Effluents." *Integrated Environmental Assessment and Management* 9 (October):554–559.

Stepan. 2006. Test Plan for Sodium 2-(2-Dodecyloxyethoxy) Ethyl Sulfate – Stepan Company. Washington, DC: USEPA High Production Volume Program.

Surprenant, Kenneth S. 2005. Dioxane, In Ullmann's Encyclopedia of Industrial Chemistry. Weinheim, Germany: Wiley

Interscience.

Thibodeaux, Louis J. 1979. Chemodynamics: Environmental Movement of Chemicals in Air, Water and Soil. New York: John Wiley and Sons.

1989. 1989. Material Safety Data Sheet for UCAR Aircraft Deicing Fluid 2-D, PM-6435. Bound Brook, NJ: Union Carbide.

USEPA. 1980. Part 261—Identification and Listing of Hazardous Waste. edited by U.S. Environmental Protection Agency: [https://www.ecfr.gov/cgi-bin/text-idx?SID=43a12e65fc62ad2c4af072873b86c581&mc=true&node=pt40.26.261&rgn=div5#se40.26.261\\_133](https://www.ecfr.gov/cgi-bin/text-idx?SID=43a12e65fc62ad2c4af072873b86c581&mc=true&node=pt40.26.261&rgn=div5#se40.26.261_133).

USEPA. 1999a. EPA Air Method TO-17, Second Edition: Determination of Volatile Organic Compounds in Ambient Air Using Active Sampling onto Sorbent Tubes. edited by USEPA Office of Research and Development. Cincinnati, OH: U.S. Environmental Protection Agency.

USEPA. 1999b. EPA Air Method, Toxic Organics-15 (TO-15): Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS). edited by USEPA Office of Research and Development. Cincinnati, OH: U.S. Environmental Protection Agency.

USEPA. 2000. Development Document for Final Effluent Limitations Guidelines and Standards for the Landfills Point Source Category. Washington, DC: U.S. Environmental Protection Agency - Office of Water.

USEPA. 2003. Emergency Administrative Order On Consent Sunbeam Products. edited by U.S. Environmental Protection Agency. Washington, DC: <https://sempub.epa.gov/work/03/2050633.pdf>.

USEPA. 2004. 40 CFR 302.4 Designation of Hazardous Substances. edited by U.S. Environmental Protection Agency. Washington, DC: <https://www.govinfo.gov/content/pkg/CFR-2004-title40-vol26/pdf/CFR-2004-title40-vol26-sec302-4.pdf>.

USEPA. 2005. Profile of the Rubber and Plastics Industry, 2nd Edition. Washington, DC: U.S. Environmental Protection Agency - Office of Compliance Sector Notebook Project.

USEPA. 2007. Administrative Order for Response Action Issued to U.S. Air Force and Raytheon Company. edited by U.S. Environmental Protection Agency. Washington, DC: <https://19january2017snapshot.epa.gov/www3/region9/water/drinking/files/af-raytheon-admin-order.pdf>.

USEPA. 2008. Drinking Water Contaminant Candidate List 3—Draft. edited by U.S. Environmental Protection Agency. Washington, DC: <https://www.govinfo.gov/content/pkg/FR-2008-02-21/pdf/E8-3114.pdf>.

USEPA. 2008. Method 522, Determination of 1,4-Dioxane in Drinking Water by Solid Phase Extraction (SPE) and Gas Chromatography/Mass Spectrometry (GC/MS) with Selected Ion Monitoring (SIM). edited by USEPA Office of Research and Development. Cincinnati, OH: U.S. Environmental Protection Agency.

USEPA. 2009. Drinking Water Contaminant Candidate List 3—Final edited by U.S. Environmental Protection Agency. Washington, DC <https://www.govinfo.gov/content/pkg/FR-2009-10-08/pdf/E9-24287.pdf>.

USEPA. 2010. Toxicological Review of 1,4-Dioxane (CAS No.123-91-1) - In Support of Summary Information on the Integrated Risk Information System (IRIS). edited by U.S. Environmental Protection Agency. Washington, DC: [https://cfpub.epa.gov/ncea/iris\\_drafts/recordisplay.cfm?deid=205170](https://cfpub.epa.gov/ncea/iris_drafts/recordisplay.cfm?deid=205170).

USEPA. 2012. Revisions to the Unregulated Contaminant Monitoring Regulation (UCMR 3) for Public Water Systems - Final Rule. edited by U.S. Environmental Protection Agency. Washington, DC: <https://www.govinfo.gov/content/pkg/FR-2012-05-02/pdf/2012-9978.pdf>.

USEPA. 2013. Toxicological Review of 1,4-Dioxane (with Inhalation Update). edited by U.S. Environmental Protection Agency. Washington, DC.

USEPA. 2013. Toxicological Review of 1,4-Dioxane (with Inhalation Update). edited by U.S. Environmental Protection Agency. Washington, DC.

USEPA. 2014. Technical Fact Sheet 1,4-Dioxane. Washington, DC: U.S. Environmental Protection Agency - Office of Land and Emergency Management.

USEPA. 2015a. Consolidated List of Chemicals Subject to the Emergency Planning and Community Right-To-Know Act (EPCRA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and Section 112(r) of the Clean Air Act. edited by U.S. Environmental Protection Agency. Washington, DC: [https://www.epa.gov/sites/production/files/2015-03/documents/list\\_of\\_lists.pdf](https://www.epa.gov/sites/production/files/2015-03/documents/list_of_lists.pdf).

USEPA. 2015b. TRI Factsheet: Chemical - 1,4-DIOXANE, 000123911. edited by U.S. Environmental Protection Agency. Washington, DC: <https://iaspub.epa.gov/triexplorer/chemical.html?pLoc=000123911&pYear=2015&pParent=TRI&pDataSet=TRIQ1&pPrint=1>.

USEPA. 2017. The Third Unregulated Contaminant Monitoring Rule (UCMR 3): Data Summary. Washington, DC: U.S.

Environmental Protection Agency – Office of Water.

USEPA. 2017a. Drinking Water Contaminant Candidate List 4—Final edited by U.S. Environmental Protection Agency. Washington, DC.

USEPA. 2017b. NPDES Permit No. MAG910000 and NHG910000. edited by U.S. Environmental Protection Agency. Washington, DC: [https://www3.epa.gov/region1/npdes/remediation/FinalPermit\\_Rev1.pdf](https://www3.epa.gov/region1/npdes/remediation/FinalPermit_Rev1.pdf)

USEPA. 2017c. Technical Fact Sheet: 1,4-Dioxane. edited by U.S. Environmental Protection Agency. Washington, DC: [https://www.epa.gov/sites/production/files/2014-03/documents/ffrro\\_factsheet\\_contaminant\\_14-dioxane\\_january2014\\_final.pdf](https://www.epa.gov/sites/production/files/2014-03/documents/ffrro_factsheet_contaminant_14-dioxane_january2014_final.pdf).

USEPA. 2017d. The Third Unregulated Contaminant Monitoring Rule (UCMR 3): Data Summary. Washington, DC: U.S. Environmental Protection Agency – Office of Water.

USEPA. 2018. Problem Formulation of the Risk Evaluation for 1,4-Dioxane. edited by U.S. Environmental Protection Agency – Office of Chemical Safety and Pollution Prevention. Washington, DC: EPA-740-R1-7012.

USEPA. 2018. Problem Formulation of the Risk Evaluation for 1,4-Dioxane. edited by U.S. Environmental Protection Agency – Office of Chemical Safety and Pollution Prevention. Washington, DC: EPA-740-R1-7012.

USEPA. 2018a. Edition of the Drinking Water Standards and Health Advisories Tables. edited by U.S. Environmental Protection Agency. Washington, DC: <https://www.epa.gov/sites/production/files/2018-03/documents/dwtable2018.pdf>.

USEPA. 2018a. Method 8260D, Revision 4, June 2018, Final Update VI to the Third Edition of the Test Methods for Evaluating Solid Waste, Physical/Chemical Methods. U.S. Environmental Protection Agency.

USEPA. 2018b. Method 8270E, Revision 6, June 2018, Final Update VI to the Third Edition of the Test Methods for Evaluating Solid Waste, Physical/Chemical Methods. U.S. Environmental Protection Agency.

USEPA. 2018b. Problem Formulation of the Risk Evaluation for 1,4-Dioxane. edited by U.S. Environmental Protection Agency – Office of Chemical Safety and Pollution Prevention. Washington, DC: EPA-740-R1-7012.

USEPA. 2018c. Regional Screening Level (RSL) Resident Tapwater Table (TR=1E-06, HQ=1). edited by U.S. Environmental Protection Agency. Washington, DC: <https://semspub.epa.gov/work/HQ/197434.pdf>.

USEPA. 2018d. Updated Guidance on Emergency Authority under Section 1431 of the Safe Drinking Water Act. edited by U.S. Environmental Protection Agency. Washington, DC: <https://www.epa.gov/sites/production/files/2018-09/documents/updatedguidanceonemergencyauthorityundersection1431swa.pdf>.

USEPA. 2019. Ecological Structure Activity Relationships (ECOSAR) Predictive Model v2.0. Washington, DC: U.S. Environmental Protection Agency.

USEPA. 2019a. 2017 TRI National Analysis. edited by U.S. Environmental Protection Agency. Washington, DC: [https://edap.epa.gov/public/extensions/TRINA\\_dashboard\\_2017/TRINA\\_dashboard\\_2017.html](https://edap.epa.gov/public/extensions/TRINA_dashboard_2017/TRINA_dashboard_2017.html).

USEPA. 2019b. Draft Risk Evaluation for 1,4-Dioxane. edited by U.S. Environmental Protection Agency. Washington, DC: [https://www.epa.gov/sites/production/files/2019-06/documents/1\\_14-dioxane\\_draft\\_risk\\_evaluation\\_06-27-2019.pdf](https://www.epa.gov/sites/production/files/2019-06/documents/1_14-dioxane_draft_risk_evaluation_06-27-2019.pdf).

USEPA. 2019c. Initial List of Hazardous Air Pollutants with Modifications. edited by U.S. Environmental Protection Agency. Washington, DC: <https://www.epa.gov/haps/initial-list-hazardous-air-pollutants-modifications>.

USEPA. 2019d. Regional Screening Levels (RSLs) What's New. edited by U.S. Environmental Protection Agency. Washington, DC: <https://www.epa.gov/risk/regional-screening-levels-rsls-whats-new>.

USEPA. 2019e. Water Pollution Search by Pollutant. edited by U.S. Environmental Protection Agency. Washington, DC: <https://echo.epa.gov/trends/loading-tool/water-pollution-search>.

Valvoline. 1991. Material Safety Data Sheet for Mac's Brake and Electric Motor Cleaner 4700. Valvoline Oil Company.

WHO. 2017. Guidelines for Drinking-water Quality: Fourth Edition Incorporating the First Addendum. Geneva: World Health Organization.

Wilke, Olaf, O. Jann, and Doris Brödner. 2004. "VOC- and SVOC-Emissions from Adhesives, Floor Coverings and Complete Floor Structures." *Indoor Air* 14 (S8):98-107.

Winsor, Leigh 2006. "Tissue Processing." In *In Laboratory Histopathology: A Complete Reference*, 4.2-1-4.2-42. New York: Churchill-Livingstone.

WRF. 2014. 1,4-Dioxane White Paper. Denver: Water Research Foundation.

Wurtz, A. 1863. "Mémoire sur l'oxyde d'éthylène et les alcools polyéthyléniques [Memorandum on the ethylene oxide and polyethylene alcohols]." *Annales de Chimie et de Physique* 69:317-355.

Wypych, George. 2001. *Handbook of Solvents*. Toronto, Ontario: Chemtec Publishing.

Zhang, Shu, Phillip B. Gedalanga, and Shaily Mahendra. 2016. "Biodegradation Kinetics of 1,4-Dioxane in Chlorinated Solvent Mixtures." *Environmental Science & Technology Letters* 50:9599–9607. doi: 10.1021/acs.est.6b02797.

Zhang, Shu, Phillip B. Gedalanga, and Shaily Mahendra. 2017. "Advances in Bioremediation of 1,4-Dioxane-Contaminated Waters." *Journal of Environmental Management* 204 (December). doi: <https://doi.org/10.1016/j.jenvman.2017.05.033>.