

CHAPTER 8. REFERENCES

- Alpert JR. 1982. Acute toxicity studies with 1,2,3-trichloropropane. Shell Oil Company. Submitted to the U.S. Environmental Protection Agency under TSCA Section 8D. OTS0515726.
- Atkinson R. 1987. A structure-activity relationship for the estimation of rate constants for the gas-phase reactions of OH radicals with organic compounds. *Int J Chem Kinet* 19(9):799-828. <http://doi.org/10.1002/kin.550190903>.
- ATSDR. 1989. Decision guide for identifying substance-specific data needs related to toxicological profiles; Notice. Agency for Toxic Substances and Disease Registry. *Fed Regist* 54(174):37618-37634. <https://www.loc.gov/item/fr054174/>. July 27, 2020.
- ATSDR. 1992. Toxicological profile for 1,2,3-trichloropropane. Agency for Toxic Substances and Disease Registry. PB93110872AS.
- ATSDR. 2019. 1,2,3-Trichloropropane. Full SPL data. Substance priority list (SPL) resource page. Agency for Toxic Substances and Disease Registry.
- Baier JH, Benjamin WL, Fronk CA, et al. 1987. Using reverse osmosis to remove agricultural chemicals from groundwater. *J Am Water Works Assoc* 79(8):55-60. <http://doi.org/10.1002/j.1551-8833.1987.tb02894.x>.
- Barnes DG, Dourson M. 1988. Reference dose (RfD): Description and use in health risk assessments. *Regul Toxicol Pharmacol* 8(4):471-486. [http://doi.org/10.1016/0273-2300\(88\)90047-5](http://doi.org/10.1016/0273-2300(88)90047-5).
- Brender JD, Shinde MU, Zhan FB, et al. 2014. Maternal residential proximity to chlorinated solvent emissions and birth defects in offspring: a case-control study. *Environ Health* 13:96. <http://doi.org/10.1186/1476-069X-13-96>.
- Burk T, Zarus G. 2013. Community exposures to chemicals through vapor intrusion: a review of past ATSDR public health evaluations. *J Environ Health* 75(9):36-41.
- California Water Boards. 2017. Groundwater information sheet: 1,2,3-trichloropropane (TCP). California State Water Resources Control Board. https://www.waterboards.ca.gov/gama/docs/coc_tcp123.pdf. December 18, 2020.
- Chroust K, Pavlova M, Prokop Z, et al. 2007. Quantitative structure-activity relationships for toxicity and genotoxicity of halogenated aliphatic compounds: wing spot test of *Drosophila melanogaster*. *Chemosphere* 67(1):152-159. <http://doi.org/10.1016/j.chemosphere.2006.09.020>.
- Clark DG. 1977. Acute toxicity, skin and eye irritancy and skin sensitizing potential of 1,2,3-trichloropropane. Shell Oil Company. Submitted to the U.S. Environmental Protection Agency under TSCA Section 8D. OTS0515731. 86-870001655. <https://ntrl.ntis.gov/NTRL/dashboard/searchResults/titleDetail/OTS0515731.xhtml>. May 19, 2020.
- Clewell HJ, Andersen ME. 1985. Risk assessment extrapolations and physiological modeling. *Toxicol Ind Health* 1(4):111-131. <http://doi.org/10.1177/074823378500100408>.
- Cohen SZ, Eiden C, Lorber MN. 1986. Monitoring ground water for pesticides. *ACS Symp Ser* 315:170-196. <http://doi.org/10.1021/bk-1986-0315.ch010>.
- Cohen SZ, Eiden C, Lorber MN. 1987. Monitoring ground water for pesticides in the U.S.A. *Schriften Ver Wasser Boden Lufthyg* 68:265-295.
- Crebelli R, Carere A, Leopardi P, et al. 1999. Evaluation of 10 aliphatic halogenated hydrocarbons in the mouse bone marrow micronucleus test. *Mutagenesis* 14(2):207-215. <http://doi.org/10.1093/mutage/14.2.207>.
- DeWalle FB, Chian ESK. 1978. Presence of trace organics in the Delaware River and their discharge by municipal and industrial sources. *Proc Ind Waste Conf* 32:908-919.
- Dilling WL. 1977. Interphase transfer processes. II. Evaporation rates of chloro methanes, ethanes, ethylenes, propanes, and propylenes from dilute aqueous solutions. Comparisons with theoretical predictions. *Environ Sci Technol* 11(4):405-409. <http://doi.org/10.1021/es60127a009>.
- Dix KM. 1979. Toxicity of fine chemicals: Preliminary studies for the detection of testicular changes in rats. Shell Oil Company. Submitted to the U.S. Environmental Agency under TSCA Section 8D.

8. REFERENCES

- OTS0510352. 878216424.
<https://ntrl.ntis.gov/NTRL/dashboard/searchResults/titleDetail/OTS0510352.xhtml>. May 19, 2020.
- DOE. 2018a. Table 3: Protective Action Criteria (PAC) Rev. 29a based on applicable 60-minute AEGLs, ERPGs, or TEELs. The chemicals are listed by CASRN. June 2018. Oak Ridge, TN: U.S. Department of Energy. https://edms.energy.gov/pac/docs/Revision_29A_Table3.pdf. April 12, 2020.
- DOE. 2018b. Protective Action Criteria (PAC) with AEGLs, ERPGs, & TEELs: Rev. 29A, June 2018. Oak Ridge, TN: U.S. Department of Energy. <https://edms.energy.gov/pac/>. April 12, 2020.
- DOI. 1977. Coal mine combustion products: Ingredients of conveyor belts. Bureau of mines report of investigations. U.S. Department of the Interior. PB271240.
<https://ntrl.ntis.gov/NTRL/dashboard/searchResults/titleDetail/PB271240.xhtml>. May 19, 2020.
- Drew RT, Patel JM, Lin FN. 1978. Changes in serum enzymes in rats after inhalation of organic solvents singly and in combination. *Toxicol Appl Pharmacol* 45(3):809-819. [http://doi.org/10.1016/0041-008x\(78\)90172-2](http://doi.org/10.1016/0041-008x(78)90172-2).
- Eisenreich SJ, Looney BB, Thornton JD. 1981. Airborne organic contaminants in the Great Lakes ecosystem. *Environ Sci Technol* 15(1):30-38. <http://doi.org/10.1021/es00083a002>.
- Ellerstein SM, Bertozzi ER. 1982. Polysulfides. In: Kirk-Othmer encyclopedia of chemical technology. 3rd ed. New York, NY: John Wiley and Sons, 814-815.
- EPA. 1984. GC/MS analysis of organics in drinking water concentrates and advanced waste treatment concentrates. Vol. 2. Computer-printed tabulations of compound identification results for large volume concentrates. Columbus, OH: U.S. Environmental Protection Agency. PB85128239. EPA600184020B. <https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=9100C266.txt>. May 19, 2020.
- EPA. 1985a. Exposure analysis modeling system: Reference manual for EXAMS II. Athens, GA: U.S. Environmental Protection Agency. PB85228138. EPA600385038.
<https://ntrl.ntis.gov/NTRL/dashboard/searchResults/titleDetail/PB85228138.xhtml>. May 19, 2020.
- EPA. 1985b. Removal of agricultural contaminants from ground water. Washington, DC: U.S. Environmental Protection Agency. EPA600D85136.
- EPA. 1986a. Method for the determination of organic compounds in finished drinking water and raw source water. Method Nos. 502.1, 524.1 and 524.2. Cincinnati, OH: U.S. Environmental Protection Agency. <https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=940034LY.txt>. May 19, 2020.
- EPA. 1986b. Test method for evaluating solid waste, physical/chemical methods, SW-846, Methods Nos. 5030 and 8010. Washington, DC: U.S. Environmental Protection Agency.
- EPA. 1987. Health and environmental effects document for trichloropropanes. Cincinnati, OH: U.S. Environmental Protection Agency. ECAOCIN010.
<https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=9100RGHE.txt>. July 27, 2020.
- EPA. 1988a. List of halogenated organic compounds regulated under 268.32. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 268 Appendix III.
<https://www.govinfo.gov/content/pkg/CFR-2013-title40-vol28/pdf/CFR-2013-title40-vol28-part268-appIII.pdf>. May 19, 2020.
- EPA. 1988b. Measurement of hydrolysis rate constants for evaluation of hazardous waste land disposal: Volume 3. Data on 70 chemicals. Washington, DC: U.S. Environmental Protection Agency. PB88234042AS. EPA600S388028. <https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=2000TILE.txt>. July 27, 2020.
- EPA. 1994. Methods for derivation of inhalation reference concentrations and application of inhalation dosimetry. Washington, DC: U.S. Environmental Protection Agency. EPA600890066F.
https://www.epa.gov/sites/production/files/2014-11/documents/rfc_methodology.pdf. May 19, 2020.
- EPA. 2005. Toxic chemical release inventory reporting forms and instructions: Revised 2004 version. Section 313 of the Emergency Planning and Community Right-to-Know Act (Title III of the Superfund Amendments and Reauthorization Act of 1986). U.S. Environmental Protection Agency. EPA260B05001.

8. REFERENCES

- EPA. 2009a. Toxicological review of 1,2,3-trichloropropane in support of summary information on the Integrated Risk Information System (IRIS). Washington, DC: U.S. Environmental Protection Agency. EPA635R08010F. https://cfpub.epa.gov/ncea/iris/iris_documents/documents/toxreviews/0200tr.pdf. August 31, 2017.
- EPA. 2009b. National primary drinking water regulations. Washington, DC: U.S. Environmental Protection Agency. EPA816F090004. https://www.epa.gov/sites/production/files/2016-06/documents/npwdr_complete_table.pdf. September 7, 2017.
- EPA. 2018a. 2018 Edition of the drinking water standards and health advisories. Washington, DC: U.S. Environmental Protection Agency. EPA822S12001. <https://www.epa.gov/sites/production/files/2018-03/documents/dwtable2018.pdf>. July 25, 2018.
- EPA. 2018b. Acute Exposure Guideline Levels (AEGs) values. U.S. Environmental Protection Agency. https://www.epa.gov/sites/production/files/2018-08/documents/compiled_aegls_update_27jul2018.pdf. April 12, 2020.
- FDA. 2020. Substances Added to Food. Washington, DC: U.S. Food and Drug Administration. <https://www.accessdata.fda.gov/scripts/fdcc/?set=FoodSubstances>. April 12, 2020.
- Gangal SV. 1980. Fluorinated ethylene-propylene copolymers. In: Kirk-Othmer encyclopedia of chemical technology. Vol. 11. 3rd ed. New York, NY: John Wiley and Sons, 24-25.
- Gushow TS, Quast JF. 1984. 1,2,3-Trichloropropane: Acute inhalation toxicity evaluation in male rats and mice. Dow Chemical Company. Submitted to the U.S. Environmental Protection Agency under TSCA Section 8D. OTS0510175. 868600023. <https://ntrl.ntis.gov/NTRL/dashboard/searchResults/titleDetail/OTS0510175.xhtml>. May 19, 2020.
- Han H. 2010. Acute 1,2,3-trichloropropane poisoning: a case report and literature review. *Basic Clin Pharmacol Toxicol* 107(6):988-990. <http://doi.org/10.1111/j.1742-7843.2010.00624.x>.
- Hawley GG. 1981. 1,2,3-Trichloropropane. In: Hawley's condensed chemical dictionary. 10th ed. New York, NY: Van Nostrand Reinhold Co., 1043.
- Haworth S, Lawlor T, Mortelmans K, et al. 1983. Salmonella mutagenicity test results for 250 chemicals. *Environ Mutagen* 5(Suppl 1):1-142. <http://doi.org/10.1002/em.2860050703>.
- Heikes DL, Jensen SR, Fleming-Jones ME. 1995. Purge and trap extraction with GC-MS determination of volatile organic compounds in table-ready foods. *J Agric Food Chem* 43:2869-2875. <http://doi.org/10.1021/jf00059a018>.
- Ho JS. 1989. A sequential analysis for volatile organics in water by purge-and-trap capillary column gas chromatography with photoionization and electrolytic conductivity detectors in series. *J Chromatogr Sci* 27(2):91-98. <http://doi.org/10.1093/chromsci/27.2.91>.
- IARC. 1995. 1,2,3-Trichloropropane. IARC Monographs on the evaluation of carcinogenic risks to humans. Volume 63. Dry cleaning, some chlorinated solvents and other industrial chemicals. Lyon, France: International Agency for Research on Cancer. <https://publications.iarc.fr/81>. May 18, 2020.
- IRIS. 2009. 1,2,3-Trichloropropane; CASRN 96-18-4. Integrated Risk Information System. Chemical assessment summary. Washington, DC: U.S. Environmental Protection Agency. https://cfpub.epa.gov/ncea/iris/iris_documents/documents/subst/0200_summary.pdf. June 15, 2017.
- Ivanetich KM, Lucas S, Marsh JA, et al. 1978. Organic compounds. Their interaction with and degradation of hepatic microsomal drug-metabolizing enzymes in vitro. *Drug Metab Dispos* 6(3):218-225.
- Jensen S, Lange R, Berge G, et al. 1975. On the chemistry of EDC-tar and its biological significance in the sea. *Proc R Soc Edinb [Biol]* 189(1096):333-343. <http://doi.org/10.1098/rspb.1975.0060>.
- Johannsen FR, Levinskas GJ, Rusch GM, et al. 1988. Evaluation of the subchronic and reproductive effects of a series of chlorinated propanes in the rat. I. Toxicity of 1,2,3-trichloropropane. *J Toxicol Environ Health* 25(3):299-315. <http://doi.org/10.1080/15287398809531211>.
- Kawasaki M. 1980. Experiences with the test scheme under the chemical control law of Japan: an approach to structure-activity correlations. *Ecotoxicol Environ Saf* 4(4):444-454. [http://doi.org/10.1016/0147-6513\(80\)90046-9](http://doi.org/10.1016/0147-6513(80)90046-9).

8. REFERENCES

- Keith LH, Garrison AW, Allen FR, et al. 1976. Identification of organic compounds in drinking water from thirteen U.S. cities. In: Keith LH, ed. Identification and analysis of organic pollutants in water. Ann Arbor, MI: Ann Arbor Press, 329-373.
- Kimura M, Mizukami S, Watanabe Y, et al. 2016. Disruption of spindle checkpoint function in rats following 28 days of repeated administration of renal carcinogens. *J Toxicol Sci* 41(1):91-104. <http://doi.org/10.2131/jts.41.91>.
- Krishnan K, Anderson ME, Clewell HJ, et al. 1994. Physiologically based pharmacokinetic modeling of chemical mixtures. In: Yang RSH, ed. Toxicology of chemical mixtures. Case studies, mechanisms, and novel approaches. San Diego, CA: Academic Press, 399-437.
- Kubo T, Urano K, Utsumi H. 2002. Mutagenicity characteristics of 255 environmental chemicals. *J Health Sci* 48(6):545-554. <http://doi.org/10.1248/jhs.48.545>.
- Lag M, Omichinski JG, Dybing E, et al. 1994. Mutagenic activity of halogenated propanes and propenes: effect of bromine and chlorine positioning. *Chem Biol Interact* 93(1):73-84. [http://doi.org/10.1016/0009-2797\(94\)90087-6](http://doi.org/10.1016/0009-2797(94)90087-6).
- Lewis RJ. 2007. 1,2,3-Trichloropropane. In: Hawley's condensed chemical dictionary. 15th ed. New York, NY: John Wiley & Sons, Inc., 1268.
- Lopez-Avila V, Heath N, Hu A. 1987. Determination of purgeable halocarbons and aromatics by photoionization and hall electrolytic conductivity detectors connected in series. *J Chromatogr Sci* 25(8):356-363. <http://doi.org/10.1093/chromsci/25.8.356>.
- Lyman WJ, Reehl WF, Rosenblatt DH. 1982. 1,2,3-Trichloropropane. In: Handbook of chemical property estimation methods. Environmental behavior of organic compounds. New York, NY: McGraw-Hill Book Co., 4-9, 5-5, 15-19 to 15-31.
- Mackay D, Bobra A, Chan DW, et al. 1982. Vapor-pressure correlations for low-volatility environmental chemicals. *Environ Sci Technol* 16(10):645-649. <http://doi.org/10.1021/es00104a004>.
- Mahmood NA, Overstreet D, Burka LT. 1991. Comparative disposition and metabolism of 1,2,3-trichloropropane in rats and mice. *Drug Metab Dispos* 19(2):411-418.
- McNeill WC. 1979. Trichloroethylene. In: Kirk-Othmer encyclopedia of chemical technology. Vol. 5. 3rd ed. New York, NY: John Wiley and Sons, 745.
- McOmie WA, Barnes TR. 1949. Acute and subacute toxicity of 1,2,3-trichloropropane in mice and rabbits. *Fed Proc* 8:319.
- Merrick BA, Robinson M, Condie LW. 1991. Cardiopathic effect of 1,2,3-trichloropropane after subacute and subchronic exposure in rats. *J Appl Toxicol* 11(3):179-187. <http://doi.org/10.1002/jat.2550110305>.
- Mersch-Sundermann V, Schneider U, Klopman G, et al. 1994. SOS induction in Escherichia coli and Salmonella mutagenicity: a comparison using 330 compounds. *Mutagenesis* 9(3):205-224. <http://doi.org/10.1093/mutage/9.3.205>
- Mi T, Han C, Wang Y, et al. 2013. Acute toxic leukoencephalopathy in migrant workers exposed to organic solvents in construction materials. *Occup Environ Med* 70(6):435-436. <http://doi.org/10.1136/oemed-2012-101302>.
- Miller RR, Quast JF, Gushow TS. 1986a. 1,2,3-Trichloropropane: 2-Week vapor inhalation study in rats and mice. Dow Chemical Corporation. Submitted to the U.S. Environmental Protection Agency under TSCA Section 8D. OTS0517050. 85870002250. <https://ntrl.ntis.gov/NTRL/dashboard/searchResults/titleDetail/OTS0517050.xhtml>. May 19, 2020.
- Miller RR, Quast JF, Momany-Pfruender JJ. 1986b. 1,2,3-Trichloropropane: 2-Week vapor inhalation study to determine the no-adverse-effect level in rats and mice. Dow Chemical Company. Submitted to the U.S. Environmental Protection Agency under TSCA Section 8D. OTS0517055. 86870002265. <https://ntrl.ntis.gov/NTRL/dashboard/searchResults/titleDetail/OTS0517055.xhtml>. May 19, 2020.

8. REFERENCES

- NAS/NRC. 1989. Report of the oversight committee. Biologic markers in reproductive toxicology. Washington, DC: National Academy of Sciences, National Research Council, National Academy Press. 15-35.
- NIOSH. 1981. Trichloropropanes. Report 4. Cincinnati, OH: National Institute for Occupational Safety and Health. PB83112870.
<https://ntrl.ntis.gov/NTRL/dashboard/searchResults/titleDetail/PB83112870.xhtml>. May 19, 2020.
- NIOSH. 1987. Manual of analytical methods. Cincinnati, OH: National Institute for Occupational Safety and Health. PB88204722.
- NIOSH. 1994. 1,2,3-Trichloropropane. Immediately Dangerous to Life or Health Concentrations (IDLH). Atlanta, GA: National Institute for Occupational Safety and Health.
<https://www.cdc.gov/niosh/idlh/96184.html>. May 18, 2020.
- NIOSH. 2019. 1,2,3-Trichloropropane. NIOSH pocket guide to chemical hazards. Atlanta, GA: National Institute for Occupational Safety and Health.
<https://www.cdc.gov/niosh/npg/npgd0631.html>. May 18, 2020.
- NLM. 2020. Pubchem: 1,2,3-Trichloropropane. National Library of Medicine.
<https://pubchem.ncbi.nlm.nih.gov/compound/7285>. May 20, 2020.
- NTP. 1990. 1,2,3-Trichloropropane reproduction and fertility assessment in Swiss CD-1 mice when administered via gavage. Final report. National Toxicology Program. PB129676.
<https://ntrl.ntis.gov/NTRL/dashboard/searchResults/titleDetail/PB91129676.xhtml>. May 19, 2020.
- NTP. 1993. Toxicology and carcinogenesis of 1,2,3-trichloropropane (CAS No. 96-18-4) in F344/N rats and B6C3F1 mice (gavage studies). National Toxicology Program. TR384.
https://ntp.niehs.nih.gov/ntp/htdocs/lt_rpts/tr384.pdf. May 19, 2020.
- NTP. 2016. 1,2,3-Trichloropropane. CAS No. 96-18-4. Report on carcinogens. Research Triangle Park, NC: National Toxicology Program.
<https://ntp.niehs.nih.gov/ntp/roc/content/profiles/trichloropropane.pdf>. June 15, 2017.
- NYDOH. 2013. Letter health consultation Mackenzie Chemical Works, Inc. Central Islip, Suffolk County, New York, EPA facility ID: NYD980753420. Atlanta, GA: New York State Department of Health. Agency for Toxic Substances and Disease Registry.
https://www.health.ny.gov/environmental/investigations/mackenzie/health_consult_2013.pdf. May 26, 2019.
- Oki DS, Giambelluca TW. 1987. DBCP, EDB, and TCP contamination of ground water in Hawaii. *Ground Water* 25:693-702. <http://doi.org/10.1111/j.1745-6584.1987.tb02210.x>.
- OSHA. 2019a. Occupational safety and health standards. Subpart Z - Toxic and hazardous substances. Air contaminants. Table Z-1: Limits for air contaminants. Occupational Safety and Health Administration. Code of Federal Regulations. 29 CFR 1910.1000. <https://www.osha.gov/laws-regs/regulations/standardnumber/1910/1910.1000TABLEZ1>. October 25, 2019.
- OSHA. 2019b. Occupational safety and health standards for shipyard employment. Subpart Z - Toxic and hazardous substances. Air contaminants. Occupational Safety and Health Administration. Code of Federal Regulations. 29 CFR 1915.1000. <https://www.osha.gov/laws-regs/regulations/standardnumber/1915/1915.1000>. October 25, 2019.
- OSHA. 2019c. Safety and health regulations for construction. Subpart D - Occupational health and environment controls. Gases, vapors, fumes, dusts, and mists. Occupational Safety and Health Administration. Code of Federal Regulations. 29 CFR 1926.55 Appendix A.
<https://www.osha.gov/laws-regs/regulations/standardnumber/1926/1926.55AppA>. October 25, 2019.
- Ratpan F, Plaumann H. 1988. Mutagenicity of halogenated propanes and their methylated derivatives. *Environ Mol Mutagen* 12(2):253-259. <http://doi.org/10.1002/em.2860120211>.
- RePORTER. 2020. 1,2,3-Trichloropropane. National Institutes of Health, Research Portfolio Online Reporting Tools. <http://projectreporter.nih.gov/reporter.cfm>. April 30, 2020.
- Riddick JA, Bunger WB, Sakano TK. 1986. Organic solvents. In: Physical properties and methods of purification. *Techniques of chemistry*. 4th ed. New York, NY: Wiley-Interscience, 524.

8. REFERENCES

- Roberts TR, Stoydin G. 1976. The degradation of (Z)- and (E)-,1,3dichloropropenes and 1,2dichloropropane in soil. *Pestic Sci* 7:325-335. <http://doi.org/10.1002/ps.2780070402>.
- Ruth JH. 1986. Odor thresholds and irritation levels of several chemical substances: a review. *Am Ind Hyg Assoc J* 47(3):A142-151. <http://doi.org/10.1080/15298668691389595>.
- Saito-Suzuki R, Teramoto S, Shirasu Y. 1982. Dominant lethal studies in rats with 1,2-dibromo-3-chloropropane and its structurally related compounds. *Mutat Res* 101(4):321-327. [http://doi.org/10.1016/0165-1218\(82\)90125-2](http://doi.org/10.1016/0165-1218(82)90125-2).
- Sakazaki H, Ueno H, Umetani K, et al. 2001. Immunotoxicological evaluation of environmental chemicals utilizing mouse lymphocyte mitogenesis test. *J Health Sci* 47(3):258-271. <http://doi.org/10.1248/jhs.47.258>.
- Salmon AG, Jones RB, Mackrodt WC. 1981. Microsomal dechlorination of chloroethanes: structure-reactivity relationships. *Xenobiotica* 11(11):723-734. <http://doi.org/10.3109/00498258109045876>.
- Shell Oil. 1983a. 120-Day toxicity gavage study of 1,2,3-trichloropropane in Fischer 344 rats. Shell Oil Company. Submitted to the U.S. Environmental Protection Agency under TSCA Section 8D. OTS0515720. 86870001644.
- Shell Oil. 1983b. Final report. 120-Day gavage toxicity study in B6C3F1 mice. 1,2,3-Trichloropropane. Shell Oil Company. Submitted to the U.S. Environmental Protection Agency under TSCA Section 8D. OTS0516158. 86-870001577.
- Silverman L, Schulte HF, First MW. 1946. Further studies on sensory response to certain industrial solvent vapors. *J Ind Hyg Toxicol* 28(6):262-266.
- Silverstein RM, Bassler GC, Merrill TC. 1974. 1,2,3-Trichloropropane. In: *Spectrometric identification of organic compounds*. 3rd ed. New York, NY: John Wiley and Sons, 239.
- Sipes IG, Carter DE, Volp RF. 1982. Pharmacokinetics of xenobiotics: 1,2,3-Trichloropropane. Submitted to the National Institute of Environmental Health Sciences.
- Smyth HF, Carpenter CP, Weil CS, et al. 1962. Range-finding toxicity data: List VI. *Am Ind Hyg Assoc J* 23(2):95-107. <http://doi.org/10.1080/00028896209343211>.
- Stolzenberg SJ, Hine CH. 1980. Mutagenicity of 2- and 3-carbon halogenated compounds in the Salmonella/mammalian-microsome test. *Environ Mutagen* 2(1):59-66. <http://doi.org/10.1002/em.2860020109>.
- Swann RL, Laskowski DA, McCall PJ, et al. 1983. A rapid method for the estimation of the environmental parameters octanol/water partition coefficient, soil sorption constant, water to air ratio, and water solubility. *Residue Rev* 85:17-28. http://doi.org/10.1007/978-1-4612-5462-1_3.
- Tabak HH, Quave SA, Mashni CI, et al. 1981. Biodegradability studies with organic priority pollutant compounds. *J Water Pollut Control Fed* 53(10):1503-1518.
- Tafazoli M, Kirsch-Volders M. 1996. In vitro mutagenicity and genotoxicity study of 1,2-dichloroethylene, 1,1,2-trichloroethane, 1,3-dichloropropane, 1,2,3-trichloropropane and 1,1,3-trichloropropene, using the micronucleus test and the alkaline single cell gel electrophoresis technique (comet assay) in human lymphocytes. *Mutat Res* 371(3-4):185-202. [http://doi.org/10.1016/s0165-1218\(96\)90107-x](http://doi.org/10.1016/s0165-1218(96)90107-x).
- Tonogai Y, Ito Y, Ogawa S, et al. 1986. Determination of dibromochloropropane and related fumigants in citrus fruit. *J Food Prot* 49(11):909-913. <http://doi.org/10.4315/0362-028X-49.11.909>.
- TRI18. 2020. 1,2,3-Trichloropropane. TRI explorer: Providing access to EPA's toxics release inventory data. Washington, DC: Toxics Release Inventory. U.S. Environmental Protection Agency. <http://www.epa.gov/triexplorer/>. May 11, 2020.
- Union Carbide. 1958. Range finding tests on 1,2,3-trichloropropane. Union Carbide Corporation. Submitted to the U.S. Environmental Protection Agency under TSCA Section 8D. OTS0515585. 86870001423. <https://ntrl.ntis.gov/NTRL/dashboard/searchResults/titleDetail/OTS0515585.xhtml>. May 19, 2020.
- Van Dyke RA, Wineman CG. 1971. Enzymatic dechlorination. Dechlorination of chloroethanes and propanes in vitro. *Biochem Pharmacol* 20(2):463-470. [http://doi.org/10.1016/0006-2952\(71\)90082-7](http://doi.org/10.1016/0006-2952(71)90082-7).

8. REFERENCES

- Villeneuve DC, Chu I, Secours VE, et al. 1985. Results of a 90-day toxicity study on 1,2,3- and 1,1,2-trichloropropane administered via the drinking water. *Sci Total Environ* 47:421-426. [http://doi.org/10.1016/0048-9697\(85\)90346-8](http://doi.org/10.1016/0048-9697(85)90346-8).
- Volp RF, Sipes IG, Falcoz C, et al. 1984. Disposition of 1,2,3-trichloropropane in the Fischer 344 rat: conventional and physiological pharmacokinetics. *Toxicol Appl Pharmacol* 75(1):8-17. [http://doi.org/10.1016/0041-008x\(84\)90070-x](http://doi.org/10.1016/0041-008x(84)90070-x).
- von der Hude W, Scheutwinkel M, Gramlich U, et al. 1987. Genotoxicity of three-carbon compounds evaluated in the SCE test in vitro. *Environ Mutagen* 9(4):401-410. <http://doi.org/10.1002/em.2860090406>.
- Wakeham SG, Goodwin JT, Davis AC. 1983. Distributions and fate of volatile organic compounds in Narragansett Bay, Rhode Island. *Can J Fish Aquat Sci* 40(S2):s304-s321. <http://doi.org/10.1139/f83-336>.
- Weast RC. 1985. 1,2,3-Trichloropropane. In: *CRC handbook of chemistry and physics*. 66th ed. Boca Raton, FL: CRC Press, Inc., C-444.
- Weber GL, Sipes IG. 1992. In vitro metabolism and bioactivation of 1,2,3-trichloropropane. *Toxicol Appl Pharmacol* 113(1):152-158. [http://doi.org/10.1016/0041-008x\(92\)90020-s](http://doi.org/10.1016/0041-008x(92)90020-s).
- WHO. 2010. Guidelines for indoor air quality: Selected pollutants. Geneva, Switzerland: World Health Organization. http://www.euro.who.int/__data/assets/pdf_file/0009/128169/e94535.pdf. April 25, 2012.
- WHO. 2017. Guidelines for drinking-water quality. Fourth edition incorporating the first addendum. Geneva, Switzerland: World Health Organization. <http://apps.who.int/iris/bitstream/10665/254637/1/9789241549950-eng.pdf?ua=1>. February 28, 2017.
- Williams PH. 1949. Chlorine compounds, organic. In: Kirk RE, Othmer DF, eds. *Kirk-Othmer encyclopedia of chemical technology*. 1st ed. New York, NY: Interscience Encyclopedia, Inc., 775-776, 838.
- WQP. 2020. 1,2,3-trichloropropane: Water quality data. Sampling parameter characteristics. Water Quality Portal. United States Geological Survey, Environmental Protection Agency, National Water Quality Monitoring Council. <https://www.waterqualitydata.us/portal/#characteristicName=1%2C2%2C3-Trichloropropane&mimeType=csv>. May 11, 2020.