ESTUDOS DE AVALIAÇÃO DE RISCO POR RESÍDUOS PERIGOSOS NO BAIRRO MANSÕES SANTO ANTÔNIO

MUNICÍPIO DE CAMPINAS – SÃO PAULO

IX. REFERÊNCIAS BIBLIOGRÁFICAS

2005

REFERÊNCIAS BIBLIOGRÁFICAS

Arnts RR, Seila RL, Bufalini JJ. 1989. Determination of room temperature OH rate constants for acetylene, ethylene dichloride, ethylene dibromide, p-dichlorobenzene, and carbon disulfide. J Air Pollut Contr Assoc 39:453-460.

Atkinson R. 1989. Kinetics and mechanisms of the gas-phase reactions of the hydroxyl radical with organic compounds. Journal of Physical and Chemical Reference Data. Monograph No. 1.

ATSDR (Agency for Toxic Substances and Disease Registry). 1992. Public Health Assessment Guidance Manual. Lewis Publishers. Boca Raton – Ann Arbor – London – Tokyo. 220 pp.

ATSDR– Toxicological Profile: Vinyl chloride (CAS 75-01-4) – Draft for Public Comment. Agency for Toxic Substances and Disease Registry / USA. Setembro/2004.
Disponível em: http://www.atsdr.cdc.gov/toxprofiles/tp20.html
Último acesso: 05/07/2005

ATSDR – Guidance manual for the assessment of joint toxic actions of chemical mixtures, 2001. Agency for Toxic Substances and Disease Registry. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.pp:2.
Disponível em: http://www.atsdr.cdc.gov/interactionprofiles/ipga.html
Última revisão: 27/05/2004. Último acesso: 07/07/2005.

ATSDR– Toxicological Profile: Carbon Tetrachloride (CAS 56-23-5). Agency for Toxic Substances and Disease Registry / USA. Setembro/2003.
Disponível em: http://www.atsdr.cdc.gov/toxprofiles/tp30.html
Último acesso: 07/07/2005

ATSDR – Toxicological Profiles for chloroform (CAS 67663). Agency for Toxic Substances and Disease Registry / USA. Maio / 2001.
Disponível em: http://www.atsdr.cdc.gov/toxprofiles/tp6.html
Último acesso: 08/07/2005

ATSDR - Toxicological Profile for Benzene. Agency for Toxic Substances and Disease Registry. Setembro/1997.
Disponível em: http://www.atsdr.cdc.gov/toxprofiles/tp3.html
Último acesso: 08/07/2005

ATSDR– Toxicological Profile: Trichloroethylene (CAS 79-01-6) – Draft for Public Comment. Agency for Toxic Substances and Disease Registry / USA. Set/1997
Disponível em: http://www.atsdr.cdc.gov/toxprofiles/tp19.html
Último acesso: 06/07/2005

ATSDR– Toxicological Profile: Tetrachloroethylene (CAS 127-18-4). Agency for Toxic Substances and Disease Registry / USA. Setembro/1997
Disponível em: http://www.atsdr.cdc.gov/toxprofiles/tp18.html
Último acesso: 06/07/2005

Back NH, Jaffe PR, Shingal N. 1990. Simulating the degradation of TCE under methanogenesis. J Environ Sci Health A25:987-1005.

Barber LB II, Thurman EM, Schroeder MP, et al. 1988. Long-term fate of organic micropollutants in sewage-contaminated groundwater. Environ Sci Technol 22:205-211.

Barrio-Lage G, Parsons FZ, Nassar RS, et al. 1986. Sequential dehalogenation of chlorinated ethenes. Environ Sci Tech 20:96-98.

Boublik T, Fried V, Hala E. 1984. The vapor pressures of pure substances: Seleeted values of the temperature dependence of the vapor pressures of some pure substances in the normal and low-pressure region. Volume 17. Amsterdam, Netherlands: Elsevier Scientific Publications.

Bourg ACM, Mouvet C, Lemer DN. 1992. A review of the attenuation of trichloroethylene in soils and aquifers. Q J Eng Geol25:359-370.

Bradley PM, Chapelle FH. 1996. Anaerobic mineralization of vinyl chloride in Fe(III)-reducing aquifer sediments. Environ Sci Technol 30:2084-2086.

Carbon Tetrachloride (CAS 56-23-5). IARC (International Agency for Research on Cancer) , 71 (vol.), p. 401, 1999. Última revisão: 08/04/1999.
Disponível em: http://www-cie.iarc.fr/htdocs/monographs/vol71/011-carbontetrac.htm. Último acesso: 07/07/2005.

Carbon Tetrachloride (CAS 56-23-5). IRIS (Integrated Risk Information System), Environmental Protection Agency (EPA) / USA. Última revisão: 10/01/1992.
Disponível em: http://www.epa.gov/iris/subst/0020.htm
Último acesso: 07/07/2005.

Chen C, Puhakka JA, Ferguson JF. 1996. Transformations of 1,1,2,2-tetrachloroethane under methanogenic conditions. Environ Sci Technol 30:542-547.

Chiang CY, Salanitro JP, Chai EY, et al. 1989. Aerobic biodegradation of benzene, toluene, and xylene in a sandy aquifer-data analysis and computer modeling. Ground Water 27:823-834.

Class T, Ballschmiter K. 1986. Chemistry of organic traces in air VI: Distribution of chlorinated Cl-C4 hydrocarbons in air over the Northern and Southern Atlantic Ocean. Chemosphere 15:413-427.

Cline PV, Viste DR. 1985. Migration and degradation patterns of volatile organic compounds. Waste Manage Res 3:351-360.

Crume RV, Ryan WM, Peters TA, et al. 1990. Risk analysis on air from groundwater aeration. J Water Poll Control Fed 62:119-123.

Davis DD, Schmidt JF, Neeley CM, et al. 1975. Effect of wavelength in the gas-phase photolysis of carbon tetrachloride at 253.7, 184.9, 147, and 106.7 nm. J Phys Chem 79:11-17.

de Best JH, Salminen E, Doddema HJ, et al. 1998. Transformation of carbon tetrachloride under sulfate reducing conditions. Biodegradation 8(6):429-436

DeWalle FB, Chian ESK. 1981. Detection of trace organics in well water near a solid waste landfill. J Am Water Works Assoc 73:206-211.

Cis – 1,2 - Dichloroethylene (CAS 156-59-2). IRIS (Integrated Risk Information System), Environmental Protection Agency (EPA) / USA.
Última revisão: 02/01/1995.
Disponível em: http://www.epa.gov/iris/subst/0418.htm
Último acesso: 07/07/2005

Trans – 1,2 - Dichloroethylene (CAS 156-60-5). IRIS (Integrated Risk Information System), Environmental Protection Agency (EPA) / USA.
Última revisão: 01/01/1989.
Disponível em: http://www.epa.gov/iris/subst/0314.htm
Último acesso: 07/07/2005

Doong RA, Wu SC. 1992. Reductive dechlorination of chlorinated hydrocarbons in aqueous solutions containing ferrous and sulfide ions. Chemosphere 24:1063-1075.

EPA - Environmental Protection Agency. 1979. Water-related environmental fate of 129 priority pollutants. Volume II. Washington, DC: U.S. Environmental Protection Agency. EPA4404790298, 49-1 to 49-10.

EPA - Environmental Protection Agency. 1980. Fate of toxic and hazardous materials in the air environment. Research Triangle Park, NC: Environmental Sciences Research Laboratory, Office of Research and Development, US Environmental Protection Agency. PB80-221948

Eisenreich SJ, Looney BB, Thornton JD. 1981. Airborne organic contaminants of the Great Lakes ecosystem. Environ Sci Tech 15:30-38.

EPA - Environmental Protection Agency, 1982. Aquatic fate process data for rganic priority pollutants. Washington, DC: U.S. Environmental Protection Agency, Office of Water Regulations and Standards, 155-156, 409-433. EPA440481014.

EPA - Environmental Protection Agency. 1982a. Aquatic fate process data for organic priority pollutants. Washington, DC: US Environmental Protection Agency, Office of Water Regulations and Standards. EPA-440/4-s 1-014.

EPA - Environmental Protection Agency, 1983. Measurements of hazardous organic chemicals in the ambient atmospheric. Menlo Park, CA: SRI International, 99. (authors: Singh HB, et al.) EPA-600/3-83-002.

EPA - Environmental Protection Agency. 1984. Health assessment document for carbon tetrachloride. Cincinnati, OH: U.S.Environmental Protection Agency, Office of Research and Development. EPA-600/8-82-001F.

EPA - Environmental Protection Agency.1985. Survey of trichloroethylene emission sources. Washington, DC: U.S. Environmental Protection Agency, l-l to 2-8,2-12. EPA-450/3-85-021.

EPA - Environmental Protection Agency. 1987. Land disposal restrictions for certain California list hazardous wastes and modifications to the framework. Federal Register 52:25760-25767.

EPA - Environmental Protection Agency. 1993. A literature review of atmospheric transformation products of clean air act title III hazardous air pollutants. Research Triangle Park, NC: U.S. Environmental Protection Agency. EPA/600/R-94/088.

Fogel MM, Taddeo AR, Fogel S. 1986. Biodegradation of chlorinated ethenes by a methane-utilizing mixed culture. Appl Environ Microbial 51:720-724.

Galbally IE. 1976. Man-made carbon tetrachloride in the atmosphere. Science 193:573-576.

Garbarini DR, Lion LW. 1986. Influence of the nature of soil organics on the sorption of toluene and trichloroethylene. Environmental Science and Technology 20: 1263-1269.

Geyer H, Politzki G, Freitag D. 1984. Prediction of ecotoxicological behavior of chemicals: relationship between n-octanol/water coefficient and bioaccumulation of organic chemicals by alga Chlorella. Chemosphere 13(2):269-284.

Gibson DT. 1977. Biodegradation of aromatic petroleum hydrocarbons. In: Wolfe DA, ed. Fate and effects of petroleum hydrocarbons in marine ecosystems and organisms. New York, NY: Pergamon, 36-46.

Goodman MA, Tuazon EC, Atkinson R, et al. 1986. A study of the atmospheric reactions of chloroethanes with OH radicals. In: ACS Div Environ Chem 192nd Nat1 Mtg 26: 169- 171.

Gossett RW, Brown DA, Young DR. 1983. Predicting the bioaccumulation of organic compounds in marine organisms using octanoVwater partition coefficients. Marine Poll Bull 14 (10):387-392.

Hall LC, Mallon B, Hsieh P, et al. 1989. Health risk assessment of trans-1,2-dichloroethylene in California drinking water. Environmental Sciences Division, Lawrence Livermore National Laboratory, Livermore, CA.

Hallen RT, Pyne JW, Molton PM. 1986. Transformation of chlorinated ethenes and ethanes by anaerobic microorganisms. Abstract. Presented before the Division of Environmental Chemistry, American Chem Sot. 192nd Ann Meeting, Anaheim, CA. Sept. 7-12, 1986. p. 344-346.

Hallenbeck, W.H. Quantitative risk assessment for environmental and occupational health (2nd ed.). ISBN 0-87371-801-1. Lewis Publis.,INC. London: 1993, pp. 23.

Hampson RF. 1980. Chemical kinetic and photochemical data sheets for atmospheric reactions. Washington, DC: U.S. Department of Transportation.

Howard PH, ed. 1990. Handbook of environmental fate and exposure data. Vol. II. Chelsea, MI: Lewis Publishers, Inc., 85-91.

HSDB. Hazardous Substances Databank. 1995. National Library of Medicine, National Toxicology Information Program (via TOXNET),. Bethesda, MD. October 1995.

HSDB. 1996. Hazardous Substances Data Bank. National Library of Medicine, National Toxicology Program (via TOXNET), Bethesda, MD. January 1996.

IARC – International Agency for Research on Cancer, 1999.
Disponível em: http://www-cie.iarc.fr/monoeval/studiesanimals.html.
Data da última atualização: 05/01/1999.

IPCS – International Programme on Chemical Safety. General Scientific Principles of Chemical Safety. Training Module No. 4. World Health Organization, 2000.

IRIS - Integrated Risk Information System. Trichloromethane. Carcinogenicity Assessment for Lifetime Exposure. Última revisão: 19/10/2001.

IRIS - Integrated Risk Information System. Reference Dose (RfD): Description and Use in Health Risk Assessments. Background Document 1A. March 15,1993.

IUPAC – International Union of Pure and Applied Chemistry. *Pure Appl.Chem.*,1993, 65 (9), pp. 2003 – 2122.
Disponível em: http://sunsite.tus.ac.jp/pub/academic/chemistry/iupac/Download/reports/1993/6509duffus/
Página atualizada em 11/09/2001.

Jung WT, Fujita M, Sohn DH. 1992. Levels of volatile halogenated hydrocarbons in Tokyo rain and their seasonal, time-series changes. Eisei Kagaku 38:490-497.

Kawamura K, Kaplan IR. 1983. Organic compounds in the rainwater of Los Angeles. Environ Sci Technol 17:497-501.

Karickhoff SW. 1981. Semi-empirical estimation of sorption of hydrophobic pollutants on natural sediments and soils. Chemosphere 10:833-846.

Kenaga EE. 1980. Predicted bioconcentration factors and soil sorption coefficients of pesticides and other chemicals. Ecotoxicol Environ Safety 4:26-38.

Klecka GM, Gonsior SJ. 1983. Nonenzymatic reductive dechlorination of chlorinated methanes and ethanes in aqueous solution. Report ES-645. Dow Chemical USA Environmental Research Lab, 32 p.

Kosson DS, Dienemann EA, Ahlert RC. 1985. Characterization and treatability studies of an industrial landfill leachate (Kin-But I). Proceedings of the Industrial Waste Conference 39:329-341.

Lesage S, Jackson RE, Priddle MW, et al. 1990. Occurrence and fate of organic solvent residues in anoxic groundwater at the Gloucester Landfill, Canada. Environmental Science and Technology 24(4):559-566.

Lorah MM, Olsen LD. 1999. Degradation of 1,1,2,2-tetrachloroethane in a freshwater tidal wetland: Field and laboratory evidence. Environ Sci Technol 33:227-234.

Lyman WJ. 1982.. Adsorption coefficient for soils and sediments. In: Lyman WJ, Reeh1 WF, Rosenblatt DH, eds. Handbook of chemical property estimation methods. New York, NY: McGraw Hill Book Co., 4-1-4-33.

Mabey WR, Barich V, Mill T. 1983. Hydrolysis of polychlorinated alkanes. In: Symp Amer Chem Sot Div Environ Chem 186th Nat1 Mtg. Washington DC. 23:359-361.

Mackay D, Leinonen PJ. 1975. Rate of evaporation of low-solubility contaminants from water bodies to atmosphere. Environ Sci Technol 9:1178-l180.

McAllister PM, Chiang CY. 1994. A practical approach to evaluating natural attenuation of contaminants in ground water. Ground Water Monitoring and Remediation 14:161-173.

McCarty PL, Siegrist H, Vogel TM, et al.1986. Biotransformation of groundwater contaminants: Final report. Department of Civil Engineering, Stanford University, Stanford, CA.

Molton PM, Hallen RT, Pyne JW. 1987. Study of vinyl chloride formation at landfill sites in California. Report BNWL-2311206978. Richland, WA: Batelle Pacific Northwest Laboratories. (PB87-161278).

MRL (Minimal Risk Level). [Texto on line] 2003.
Disponível em URL: http://www.atsdr.cdc.gov/mrls.html.

Pankow JF, Rosen ME. 1988. Determination of volatile compounds in water by purging directly to a capillary column with whole column cry&rapping. Environ Sci Technol 22(4):398-405.

Park KS, Sorensen DL, Sims JL, et al. 1988. Volatilization of wastewater trace organics in slow rate land treatment systems. Haz Waste Haz Mat 5 (3):219-229.

Parsons F, Wood PR, DeMarco J. 1984. Transformations of tetrachloroethene and trichloroethane in microcosms and groundwater. J Am Water Works Association 76:56-59.

Pearson CR, McConnell G. 1975. Chlorinated Cl and C2 hydrocarbons in the marine environment. Proc R Soc Lond [Biol] 189:305-332.

Reinhard M, Goodman NL, Barker JF. 1984. Occurrence and distribution of organic chemicals in two landfill leachate plumes. Environmental Science and Technology 18:953-961.

Sabljic A. 1984. Prediction of the nature and strength of soil sorption of organic pollutants by molecular topology. J Agric Food Chem 32:243-246.

Sahel GV, Clark TP. 1984. Volatile organic compounds as indicators of municipal solid waste leachate contamination. Waste Manag Res 2: 119-130.

Salanitro JP. 1993. The role of bioattenuation in the management of aromatic hydrocarbon plumes in aquifers. Ground Water Monitoring and Remediation 13: 150-161.

Sawhney BL. 1989. Movement of organic chemicals through landfill and hazardous waste disposal sites. In: Reactions and movement of organic chemicals in soils. SSSA special publication no 22, 447-474.

Schultz B, Kjeldsen P. 1986. Screening of organic matter in leachates from sanitary landfills using gas chromatography combined with mass spectrometry. Water Res 20:967-970.

Seip HM, Alstad J, Carlberg GE, et al. 1986. Measurement of mobility of organic compounds in soils. Sci Total Environ 50:87-101.

Shah JJ, Heyerdahl EK. 1988. National ambient volatile organic compounds (VOCs) data base update. Research Triangle Park, NC: U.S. Environmental Protection Agency, Office of Research and Development. PB88-195631.

Singh HB, Salas LJ, Smith A, et al. 1980. Measurements of some potentially hazardous organic chemicals in urban environments. Atmos Environ 15:601-612.

Singh HB, Salas JL, Smith AJ. 1981. Measurements of some potentially hazardous chemicals in urban environments. Atmos Environ 15:601-612.

Smith LR, Dragun J. 1984. Degradation of volatile chlorinated aliphatic priority pollutants in groundwater. Environ Int 10:291-298.

Stevens VL. 1979. 1,2-Dichloroethylene. In: Grayson M, Eckroth D, eds. Kirk-Othmer encyclopedia of chemical technology, 3rd ed., Vol. 5. New York, NY: John Wiley and Sons, 742-745.

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. Res Rev 85:17-28.

Tancrede M, Yanagisawa Y, Wilson R. 1992. Volatilization of volatile organic compounds from showers - I. Analytical method and quantitative assessment. Atmos Environ 26a:1103-1111.

1,1,2 - Trichloroethene (CASRN 79-00-5). IRIS (Integrated Risk Information System), Environmental Protection Agency (EPA) / USA.
Última revisão: 01/02/1994.
Disponível em: http://www.epa.gov/iris/subst/0198.htm. Último acesso: 08/07/2005

Trichloroethylene (CAS 79-01-6). IARC (International Agency for Research on Câncer) , 63 (vol.), p. 75, 1995. Última revisão: 20/05/1997.
Disponível em: http://www-ie.iarc.fr/htdocs/monographs/vol63/trichloroethylene.htm
Último acesso: 06/07/2005.

Tetrachloroethylene (CAS 127-18-4). IARC (International Agency for Research on Câncer) , 63 (vol.), p. 159, 1995. Última revisão: 20/05/1997.
Disponível: http://www-cie.iarc.fr/htdocs/monographs/vol63/tetrachloroethylene.htm
Último acesso: 06/07/2005.

TOXNET – National Library of Medicine – SIS – Specialized Information Services
Disponível: http://toxnet.nlm.nih.gov/
Último acesso: 13/07/2005

Uchrin CG, Mangels G. 1987. Sorption equilibria of benzene and toluene on two New Jersey coastal plain ground water aquifer solids. J Environ Sci Health [A] 22:743-758.

Urano K, Murata C. 1985. Adsorption of principal chlorinated organic compounds on soil. Chemosphere 14:293-299.

Vinyl chloride (CASRN 75-01-4). IRIS (Integrated Risk Information System), Environmental Protection Agency (EPA) / USA. Última revisão: 08/07/2000.
Disponível em: http://www.epa.gov/iris/subst/1001.htm
Último acesso: 06/07/2005

Verschueren K. 1983. Handbook of environmental data of organic chemicals. 2nd ed. New York, NY: Van Nostrand Reinhold Co., 487-488.

Vogel TM, Criddle CS, McCarty PL. 1987. Transformations of halogenated aliphatic compounds. Environ Sci Technol 21:722-736.

Wallace LA. 1986. Personal exposures, indoor and outdoor air concentrations and exhaled breath concentrations of selected volatile organic compounds measured for 600 residents of New Jersey, North Dakota, North Carolina and California. Toxicol Environ Chem 12:215-236.

Wilson JT, Enfield CG, Dunlap WJ, et al. 1981. Transport and fate of selected organic pollutants in a sandy soil. J Environ Qual 10:501-506.

Zytner RG, Biswas N, Bewtra JK. 1989. Adsorption and desorption of perchloroethylene in soils, peat moss, and granular activated carbon. Canadian Journal of Civil Engineering 16:798-806.