

9. REFERENCES

- Acey R, Healy P, Unger TF, et al. 1987. Growth and aggregation behavior of representative phytoplankton as affected by the environmental contaminant di-*n*-butyl phthalate. *Bull Environ Contam Toxicol* 39:1-6.
- ACGIH. 1986. Documentation of the threshold limit values and biological exposure indices. 5th ed. American Conference of Governmental Industrial Hygienists. Cincinnati, OH.
- ACGIH. 1998. Documentation of the threshold limit values and biological exposure indices. 6th ed. American Conference of Governmental Industrial Hygienists. Cincinnati, OH.
- *ACGIH. 2000. Documentation of the threshold limit values and biological exposure indices. American Conference of Governmental Industrial Hygienists. Cincinnati, OH.
- *Adinolfi M. 1985. The development of the human blood-CSF-brain barrier. *Dev Med Child Neurol* 27:532-537.
- *Adlercreutz H. 1995. Phytoestrogens: Epidemiology and a possible role in cancer protection. *Environ Health Perspect Suppl* 103(7):103-112.
- *Agarwal DK, Lawrence WH, Nunez LJ, et al. 1985. Mutagenicity evaluation of phthalic acid esters and metabolites in *Salmonella typhimurium* cultures. *J Toxicol Environ Health* 16:61-69.
- Albaiges J, Casado F, Ventura F. 1986. Organic indicators of groundwater pollution by a sanitary landfill. *Water Res* 20:1153-1159.
- *Albro PW, Moore B. 1974. Identification of the metabolites of simple phthalate diesters in rat urine. *J Chromatogr* 94:209-218.
- Albro PW, Jordan S, Corbett JT, et al. 1984. Determination of total phthalate in urine by gas chromatography. *Anal Chem* 56:247-250.
- Albro PW, Thomas R, Fishbein L. 1973. Metabolism of diethylhexyl phthalate by rats isolation and characterization of the urinary metabolites. *J Chromatogr* 76:321-330.
- *Allsopp M, Vianello G. 1992. Poly(vinyl chloride). In: Elvers B, Hawkins S, Schultz G, eds. *Ullman's Encyclopedia of Industrial Chemistry* vol. A21. Weinheim, Germany: VCH Verlagsgesellschaft, 717-742.
- *Al-Omran LA, Preston MR. 1987. The interactions of phthalate esters with suspended particulate material in fresh and marine waters. *Environ Pollut* 46:177-186.
- *Altman PL, Dittmer DS, eds. 1974. *Biological handbooks: Biology data book*. Vol. III, 2nd ed. Bethesda, MD: Federation of American Societies for Experimental Biology, 1987-2008.

*Cited in text

9. REFERENCES

- Amacher DE, Schomaker SJ, Burkhardt JE. 1998. The relationship among microsomal enzyme induction, liver weight and histological change in rat toxicology studies. *Food Chem Toxicol* 36:831-839.
- *Andersen ME, Kirshnan K. 1994. Relating *in vitro* to *in vivo* exposures with physiologically based tissue dosimetry and tissue response models. In: Salem H, ed. *Animal test alternatives: Refinement, reduction, replacement*. New York, NY: Marcel Dekker, Inc., 9-25.
- *Andersen ME, Clewell HJ 3rd, Gargas ML, et al. 1987. Physiologically based pharmacokinetics and the risk assessment process for methylene chloride. *Toxicol Appl Pharmacol* 87:185-205.
- *Ashford R. 1994. Dibutyltin dichloride. In: Ashford R, ed. *Ashford's Dictionary of Industrial Chemicals*. London, England: Wavelength Publications Ltd., 279.
- *Astill BD. 1989. Metabolism of DEHP: Effects of prefeeding and dose variation, and comparative studies in rodents and the cynomolgus monkey (CMA studies). *Drug Metab Rev* 21(1):35-53.
- *Atlas E, Giam CS. 1981. Global transport of organic pollutants: Ambient concentrations in the remote marine atmosphere. *Science* 211:163-165.
- Atlas E, Velasco A, Sullivan K, et al. 1983. A radio tracer study of air-water exchange of synthetic organic compounds. *Chemosphere* 12:1251-1258.
- *ATSDR. 1989. Decision guide for identifying substance-specific data needs related to toxicological profiles. Atlanta, GA: Agency for Toxic Substances and Disease Registry, Division of Toxicology.
- *Aurela B, Kulmala H, Söderhjelm L. 1999. Phthalates in paper and board packaging and their migration into Tenax and sugar. *Food Addit Contam* 16(12):571-577.
- Bakale G, McCreary RD. 1987. A physico-chemical screening test for chemical carcinogens: The k_c test. *Carcinogenesis* 8:253-264.
- *Barber ED, Astill BD, Moran EJ, et al. 1987. Peroxisome induction studies on seven phthalate esters. *Toxicol Ind Health* 3(2):7-22.
- *Barber ED, Cifone M, Rundell J, et al. 2000. Results of the L5178Y mouse lymphoma assay and the Balb/3T3 cell *in vitro* transformation assay for eight phthalate esters. *J Anal Toxicol* 20:69-80.
- *Barber L. 1992. Hierarchical analytical approach to evaluating the transport and biogeochemical fate of organic compounds in sewage-contaminated groundwater, Cape Cod, MA. In: Lesage S, Jackson R, eds. *Groundwater contamination and analysis at hazardous waste sites*. New York, NY: Marcel Dekker, Inc., 73-120.
- *Barber LB, Thurman EM, Schroeder MP, et al. 1988. Long-term fate of organic micro pollutants in sewage-contaminated groundwater. *Environ Sci Technol* 22:205-211.
- *Barnes DG, Dourson M. 1988. Reference dose (RfD) Description and use in health risk assessments. *Regul Toxicol Pharmacol* 8:471-486.

9. REFERENCES

- *Baue MJ, Herrmann R. 1997. Estimation of the environmental contamination by phthalic acid esters leaching from household wastes. *Sci. Total Environ.* 208:49-57.
- Bedding ND, McIntyre AE, Perry R, et al. 1982. Organic contaminants in the aquatic environment: 1. Sources and occurrence. *Sci Total Environ* 25:143-167.
- *Bell FP. 1982. Effects of phthalate esters on lipid metabolism in various tissues, cells and organelles in mammals. *Environ Health Perspect* 45:41-50.
- *Berger G. 1994. Epidemiology of endometriosis. In: Nezhath CR, Berger GS, Nezhath CH, et al., eds. *Modern surgical management of endometriosis*. New York, NY: Springer-Verlag.
- Bernstein ME. 1984. Agents affecting the male reproductive system: Effects of structure on activity. *Drug Metab Rev* 15:941-996.
- *BIBRA. 1986. A 21 day feeding study of di-*n*-butyl phthalate to rats: Effects on the liver and liver lipids. Report to Chemical Manufacturers Association, Washington, DC. Carshalton, Surrey, UK: The British Industrial Biological Research Association. CMA Reference PE 28.0-BT-BIB.
- *Bisesi MS. 1994. Esters. In: Clayton GD, Clayton FE, eds. *Patty's industrial hygiene and toxicology*. New York, NY: John Wiley & Sons, Inc., 2967-3118.
- *Blount BC, Milgram KE, Silva MJ, et al. 2000. Quantitative detection of eight phthalate metabolites in human urine using HPLC-APCI-MS/MS. *Anal Chem* 72:4127-4134.
- *BNA. 2001. Environment and safety: States and territories. Bureau of National Affairs. <http://www.bna.com/>. February 13, 2001.
- Bove JL, Dalven P. 1981. A GC/MS method of determining airborne di-*n*-butyl- and di-(2-ethylhexyl) phthalates. *Int J Environ Anal Chem* 10:189-196.
- *Bove JL, Dalven P, Kukreja VP. 1978. Airborne di-butyl and di-(2-ethylhexyl)-phthalate at three New York, NY: City air sampling stations. *Int J Environ Anal Chem* 5:189-194.
- Bower RK, Haberman S, Minton PD. 1970. Teratogenic effects in the chick embryo caused by esters of phthalic acid. *J Pharmacol Exp Ther* 171:314-324.
- *Bruns-Weller E, Pfordt J. 2000a. [Determination of phthalic acid esters in foodstuffs and mother's milk]. *Z Ernährungswiss* 1(1):25-28. (German)
- *Bruns-Weller E, Pfordt J. 2000b. [Determination of phthalic acid esters in foodstuffs, mother's milk, dust, and textiles]. *UmweltwissSchadst-Forsch* 12(3):125-130. (German)
- *Budavari S. 1996. *n*-Butyramide. In: Budavari S, O'Neil M, Smith S, et al., eds. *The Merck index*. Whitehouse Station, NJ: Merck & Co., Inc., 1628.
- Burmester DE. 1982. The new pollution: Groundwater contamination. *Environment* 24:7-13, 33-36.

9. REFERENCES

- *Cadogan D, Howick C. 1992. Plasticizers. In: Elvers B, Hawkins S, Schultz G, eds. Ullmann's encyclopedia of industrial chemistry. 5th ed. Vol A20: Photography to plastics, processing. Weinheim, Germany: VCH Verlagsgesellschaft, 439-457.
- *Cadogan D, Howick C. 1996. Plasticizers. In: Kroschwitz J, Howe-Grant, eds. Kirk-Othmer encyclopedia of chemical technology. Vol 19. New York, NY: John Wiley & Sons Inc., 258-290.
- Cagianut B. 1954. Keratitis erosiva and nephritis toxica nach einnahme von dibutylphthalat. Schweiz Med Wochenschr 35:1243-1244.
- Calnan CD. 1975. Dibutyl phthalate. Contact Dermatitis 1:388.
- Cater BR, Cook MW, Gangolli SD. 1976. Zinc metabolism and dibutyl phthalate-induced testicular atrophy in the rat. Biochem Soc Trans 4:652-653.
- *Cater BR, Cook MW, Gangolli SD, et al. 1977. Studies on dibutyl phthalate-induced testicular atrophy in the rat: Effect on zinc metabolism. Toxicol Appl Pharmacol 41:609-618.
- CCTTE. 1988. Computerized Listing of Chemicals Being Tested for Toxic Effects. Geneva, Switzerland: United Nations Environment Programme, International Programme on Chemical Safety, International Register of Potentially Toxic Chemicals. .
- *CDC. 1999. Kansas. Center for Disease Control & Prevention. <http://search.cdc.gov/shd/search2.html>. May 25, 1999.
- *Chan PKL, Meek ME. 1994. Di-*n*-butyl phthalate: Evaluation of risks to health from environmental exposure in Canada. J Environ Sci Health C Environ Carcinog Ecotoxicol Rev 12(2):257-268.
- Chapin RE, Gulati D, Barnes L. 1997. Di-*n*-butyl phthalate, rats. Environ Health Perspect Suppl 105:249-250.
- Chapin RE, Sloane RA, Haseman JK. 1998. Reproductive endpoints in general toxicity studies: Are they predictive? Reprod Toxicol 12:489-494.
- *Ching NP, Jham GN, Subbarayan C, et al. 1981a. Gas chromatographic-mass spectrometric detection of circulating plasticizers in surgical patients. J Chromatogr 222:171-177.
- Ching NP, Jham GN, Subbarayan C, et al. 1981b. Gas chromatographic quantitation of two plasticizers contaminating IV fluids stored in plastic containers. J Chromatogr B Biomed Sci Appl 225:196-201.
- Chrostek WJ, Moshell AN. 1984. Health hazard evaluation report no. HETA 81-275-1122, General Telephone Company, York, Pennsylvania. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control, National Institute for Occupational Safety and Health.
- Chung HY. 1999. Volatile components in crabmeats of *charybdis feriatus*. J Agric Food Chem 47:2280-2287.
- *CIS. 1999. The Chemical Information System. <http://www.oxmol.com/prods/cis>. May 24, 1999.

9. REFERENCES

- Clansky KB, ed. 1986. Chemical guide to the OSHA hazard communication standard. Burlingame, CA: Roytech Publications, Inc., 57, 653-656.
- Clark JR, Patrick JM Jr, Moore JC, et al. 1987. Waterborne and sediment-source toxicities of six organic chemicals to grass shrimp (*Palaemonetes pugio*) and amphioxus (*Branchiostoma caribaeum*). Arch Environ Contam Toxicol 16:401-407.
- Clayton GD, Clayton FE, eds. 1981. Patty's industrial hygiene and toxicology, third revised edition, volume 2A, toxicology. New York, NY: John Wiley and Sons, 2344-2347.
- *Clewell HJ III, Andersen ME. 1985. Risk assessment extrapolations and physiological modeling. Toxicol Ind Health 1(4):111-113.
- CLPSD. 1988. Contract Laboratory Program Statistical Database. Viar and Company, Management Services Division. Alexandria, VA. December 22, 1988.
- *Coldham NG, Dave M, Sauer MJ. 1998. Analysis of di-*n*-butyl phthalate biotransformation in cattle by liquid chromatography/ion trap mass spectrometry/mass spectrometry. J Mass Spectrom 33:803-810.
- *Colón I, Caro D, Bourdony CJ, et al. 2000. Identification of phthalate esters in the serum of young Puerto Rican girls with premature breast development. Environ Health Perspect 108(9):895-900.
- Cook JC, Klinefelter GR, Hardisty JF, et al. 1999. Rodent leydig cell tumorigenesis: A review of the physiology, pathology, mechanisms, and relevance to humans. Crit Rev Toxicol 29(2):169-261.
- *Cosmetic Ingredient Review Committee. 1985. Final report on the safety assessment of dibutyl phthalate, dimethyl phthalate, and diethyl phthalate. J Am Coll Toxicol 4(3):267-303.
- Cote MG, Plaa GL, Valli VE, et al. 1985. Subchronic effects of a mixture of "persistent" chemicals found in the Great Lakes. Bull Environ Contam Toxicol 34:285-290.
- Cripe CR, Walker WW, Pritchard PH, et al. 1987. A shake-flask test for estimation of biodegradability of toxic organic substances in the aquatic environment. Ecotoxicol Environ Saf 14:239-251.
- *Crump DR. 1995. Volatile organic compounds in indoor air. In: Hester RE, Harrison RM, ed. Volatile organic compounds in the atmosphere. Issues in environmental science and technology 4th ed. Cambridge: Royal Society of Chemistry, 109-124.
- Cummings A, Gray LE Jr. 1987. Dibutyl phthalate: Maternal effects versus fetotoxicity. Toxicol Lett 39:43-50.
- Cummings A, Harris S. 1990. Identifying sites of maternally mediated early pregnancy loss in the rat. Toxicologist 10:224.
- Daniel JW. 1978. Toxicity and metabolism of phthalate esters. Clin Toxicol 13:257-268.
- Daniel JW. 1979. Toxicity and metabolism of phthalate esters. In: Winek L, Shanor SP, eds. Toxicology annual: Vol. 3. New York, NY: Marcel Dekker, Inc., 257-268.

9. REFERENCES

- *Dannenber E, Paquin L, Gwinnell H. 1992. Carbon (carbon black). In: Kroschwitz J, Howe-Grant M, eds. Kirk-Othmer encyclopedia of chemical technology. New York, NY: John Wiley & Sons Inc., 1044-1045, 1072-1074.
- David RM, Moore MR, Cifone MA, et al. 1999. Chronic peroxisome proliferation and hepatomegaly associated with the hepatocellular tumorigenesis of di(2-ethylhexyl)phthalate and the effects of recovery. *Toxicol Sci* 50:195-205.
- *de Bruijn J, Busser F, Seinen W, et al. 1989. Determination of octanol/water partition coefficients for hydrophobic organic chemicals with the "slow-stirring" method. *Environ Toxicol Chem* 8:499-512.
- DeFoe DL, Holcombe GW, Hammermeister DE, et al. 1990. Solubility and toxicity of eight phthalate esters to four aquatic organisms. *Environ Toxicol Chem* 9:623-636.
- *DeLeon IR, Byrne CJ, Peuler EA, et al. 1986. Trace organic and heavy metal pollutants in the Mississippi River. *Chemosphere* 15(6):795-805.
- *Desideri P, Lepri L, Checchini L, et al. 1994. Organic compounds in surface and deep antarctic snow. *Int J Environ Anal Chem* 55:33-46.
- Desideri PG, Lepri L, Udisti R, et al. 1998. Analysis of organic compounds in Antarctic snow and their origin. *Int J Environ Anal Chem* 71(3-4):331-351.
- *DeVault DS. 1985. Contaminants in fish from Great Lakes harbors and tributary mouths. *Arch Environ Contam Toxicol* 14:587-594.
- *Deyrup C. 1999. Chemical imports. *Chemical Market Reporter* 255(1):38-39.
- Di Bella G, Saitta M, Pellegrino M, et al. 1999. Contamination of Italian citrus essential oils: Presence of phthalate esters. *J Agric Food Chem* 47:1009-1012.
- *Donovan S. 1996. New method for estimating vapor pressure by the use of gas chromatography. *J Chromatogr A* 749:123-129.
- DOT. 1998. Department of Transportation. Code of Federal Regulations. Title 49, vol. 2, parts 100-185.
- *DOT. 2001a. List of hazardous substances and reportable quantities. U.S. Department of Transportation. Code of Federal Regulations 49 CFR 171.101, Appendix A. <http://www.dot.gov>. April 3, 2001.
- *DOT. 2001b. List of marine pollutants. U.S. Department of Transportation. Code of Federal Regulations. 49 CFR 171.101. Appendix B. <http://www.dot.gov>. April 3, 2001.
- *Eastman Chemical Company. 1999a. Kingsport, TN: Eastman Chemical Company, <http://www.eastman.com/ProductCat/producthome.asp?Product=60&EastmanDotCom=True>. August 5, 1999.

9. REFERENCES

- *Eastman Chemical Company. 1999b. Kingsport, TN: Eastman Chemical Company, <http://www.eastman.com/ProductCat/ListApplications.asp?productid=60&EastmanDotCom=True>. July 30, 1999.
- Eaton RW, Ribbons DW. 1982. Metabolism of dibutyl phthalate and phthalate by *Micrococcus* sp. strain 12B. *J Bacteriol* 151:48-57.
- *Eckel W, Ross B, Isensee R. 1993. Pentobarbital found in ground water. *Ground Water* 31(5):801-803.
- Eckel W, Ross B, Isensee R. 1994. Reply to the preceding discussion by Douglas C. Bailey of "pentobarbital found in ground water". *Ground Water* 32:150-151.
- *Edelman IS, Leibman J. 1959. Anatomy of body water and electrolytes. *Am J Med* 27:256-277.
- *Eisenreich SJ, Looney BB, Thornton JD. 1981. Airborne organic contaminants in the Great Lakes ecosystem. *Environ Sci Technol* 15(1):30-38.
- Ekwall B, Nordensten C, Albanus L. 1982. Toxicity of 29 plasticizers to HeLa cells in the MIT-24 system. *Toxicology* 24:199-210.
- *Ellenhorn MJ, ed. 1997. Plastics, plasticizers, and epoxy resins. In: *Ellenhorn's medical toxicology: Diagnosis and treatment of human poisoning*. Baltimore, Maryland: Williams & Wilkins, 1677-1680.
- *Elsisi AE, Carter DE, Sipes IG. 1989. Dermal absorption of phthalate diesters in rats. *Fundam Appl Toxicol* 12:70-77.
- *Ema M, Amano H, Itami T, et al. 1993. Teratogenic evaluation of di-*n*-butyl phthalate in rats. *Toxicol Lett* 69:197-203.
- *Ema M, Amano H, Ogawa Y. 1994. Characterization of the developmental toxicity of di-*n*-butyl phthalate in rats. *Toxicology* 86:163-174.
- *Ema M, Harazono A, Miyawaki E, et al. 1997a. Developmental effects of di-*n*-butyl phthalate after a single administration in rats. *J Appl Toxicol* 17(4):223-229.
- *Ema M, Harazono A, Miyawaki E, et al. 1997b. Embryo lethality following maternal exposure to dibutyl phthalate during early pregnancy in rats. *Bull Environ Contam Toxicol* 58:636-643.
- *Ema M, Kurosaka R, Amano H, et al. 1995a. Comparative developmental toxicity of *n*-butyl benzyl phthalate and di-*n*-butyl phthalate in rats. *Arch Environ Contam Toxicol* 28:223-228.
- Ema M, Kurosaka R, Amano H, et al. 1995b. Developmental toxicity evaluation of mono-*n*-butyl phthalate in rats. *Toxicol Lett* 78:101-106.
- *Ema M, Kurosaka R, Harazono A, et al. 1996. Phase specificity of developmental toxicity after oral administration of mono-*n*-butyl phthalate in rats. *Arch Environ Contam Toxicol* 31:170-176.
- *Ema M, Miyawaki E, Kawashima K. 1998. Further evaluation of developmental toxicity of di-*n*-butyl phthalate following administration during late pregnancy in rats. *Toxicol Lett* 98:87-93.

9. REFERENCES

- *Ema M, Miyawaki E, Kawashima K. 2000a. Critical period for adverse effects on development of reproductive system in male offspring of rats given di-*n*-butyl phthalate during late pregnancy. *Toxicol Lett* 111:271-278.
- *Ema M, Miyawaki E, Kawashima K. 2000b. Effects of dibutyl phthalate on reproductive function in pregnant and pseudopregnant rats. *Reprod Toxicol* 14:13-19.
- EMMI. 1999. EPA environmental monitoring methods index: Detail analyte. Version I. PC no. 4082. Rockland, MD: Government Institutes.
- Engelhardt G, Wallnofer PR. 1978. Metabolism of di- and mono-*n*-butyl phthalate by soil bacteria. *Appl Environ Microbiol* 35:243-246.
- Engelhardt G, Walln fer PR, Hutzinger O. 1975. The microbial metabolism of di- *n*-butyl phthalate and related dialkyl phthalates. *Bull Environ Contam Toxicol* 13(3):342-347.
- EPA. 1979. Water-related environmental fate of 129 priority pollutants: Volume I: Introduction and technical background, metals and inorganics, pesticides and PCBs. Washington, DC: U.S. Environmental Protection Agency, Office of Water Planning and Standards. EPA-440/4-79-029a. NTIS No. PB 80-204373.
- EPA. 1980a. U.S. Environmental Protection Agency. *Federal Register*. 45:33084-33133.
- *EPA. 1980b. Ambient water quality criteria for: Phthalate esters. Washington, DC: U.S. Environmental Protection Agency, Environmental Criteria and Assessment Office. EPA-440/5-80-067. NTIS No. PB81-117780.
- *EPA. 1981. An exposure and risk assessment for phthalate esters: Washington, DC: U.S. Environmental Protection Agency, Office of Water Regulations and Standards. EPA-440/4-81-020. NTIS No. PB85-211936.
- EPA. 1982a. Aquatic fate process data for organic priority pollutants. Washington, DC: U.S. Environmental Protection Agency, Office of Water Regulations and Standards. EPA 440/4-81-014.
- EPA. 1982b. Test method: Phthalate esters-method 606. In: Longbottom JE, Lichtenberg JJ, eds. *Test methods: Methods for organic chemical analysis of municipal and industrial wastewater*. Cincinnati, OH: U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory. EPA-600/4-82-057.
- EPA. 1982c. Test method: Base/neutrals and acids-method 625. In: Longbottom JE, Lichtenberg JJ, eds. *Test methods: Methods for organic chemical analysis of municipal and industrial wastewater*. Cincinnati, OH: U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory. EPA-600/4-82-057.
- EPA. 1982d. U.S. Environmental Protection Agency. *Federal Register*. 47:26992-27008.
- EPA. 1983a. Reportable quantity document for 1,2-benzene dicarboxylic acid, dibutyl ester (dibutyl phthalate). Washington, DC: U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. External Review Draft. ECAO-CIN-R039.

9. REFERENCES

- EPA. 1983b. Treatability manual: Volume I. Treatability data. Washington, DC: U.S. Environmental Protection Agency, Office of Research and Development. EPA-600/2-82-001a.
- *EPA. 1984a. Development of a fate/toxicity screening test. Gulf Breeze, FL: U.S. Environmental Protection Agency, Office of Research and Development. EPA-600/4-84-074. NTIS No. PB84-246370.
- *EPA. 1984b. U.S. Environmental Protection Agency. Federal Register. 49:209.
- EPA. 1984c. GC/MS analysis of organics in drinking water concentrates and advanced waste treatment concentrates: Volume I: Analysis results for 17 drinking water, 16 advanced waste treatment and 3 process blank concentrates. Research Triangle Park, NC: U.S. Environmental Protection Agency, Office of Research and Development. EPA-600/1-84-020a. NTIS No. PB85-128221.
- EPA. 1985. U.S. Environmental Protection Agency: Part II. Federal Register 50:13456-13522.
- *EPA. 1986a. Method 8060: Phthalate esters. In: Test methods for evaluating solid waste. 3rd ed. SW-846. Washington, DC: U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response.
- EPA. 1986b. Method 8250: Gas chromatography/mass spectrometry for semivolatile organics: Packed column technique. In: Test methods for evaluating solid waste. 3rd ed. SW-846. Washington, DC: U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response.
- EPA. 1986c. Method 8270: Gas chromatography/mass spectrometry for semivolatile organics: capillary column technique. In: Test methods for evaluating solid waste. 3rd ed. SW-846. Washington, DC: U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response.
- EPA. 1986d. Method 8410: Capillary column analysis of semivolatile organic compounds by gas chromatography/fourier transform infrared (GC/FT-IR) spectrometry. In: Test methods for evaluating solid waste. 3rd ed. SW-846. Washington, DC: U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response.
- EPA. 1986e. Method 8060: Gas chromatography/ mass spectrometry for semivolatile organics: Capillary column technique. In: Test methods for evaluating solid waste. 3rd ed. SW-846. Washington, DC: U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response.
- EPA. 1986f. Toxic and priority organics in municipal sludge land treatment systems. Cincinnati OH: U.S. Environmental Protection Agency, Office of Research and Development. EPA/600/2-86/010. NTIS No. PB86-150208.
- *EPA. 1986g. Broad scan analysis of the FY82 national human adipose tissue survey specimens: Volume I-Executive summary. Washington, DC: U.S. Environmental Protection Agency, Office of Toxic Substances. EPA 560/5-86-035.
- EPA. 1987a. U.S. Environmental Protection Agency: Part II. Federal Register. 52:13378-13410.
- EPA. 1987b. U.S. Environmental Protection Agency: Part II. Federal Register. 52:25942-25953.

9. REFERENCES

- *EPA. 1987c. Health effects assessment for selected phthalic acid esters. Cincinnati, OH: U.S. Environmental Protection Agency, Environmental Criteria and Assessment Office. EPA/600/8-88/053. NTIS No. PB88-178934.
- EPA. 1987d. U.S. Environmental Protection Agency. Federal Register. 52:48073-48074.
- EPA. 1987e. Reference dose (RfD): Description and use in health risk assessments. Volume I, Appendix A: Integrated Risk Information System supportive documentation. Washington, DC: U.S. Environmental Protection Agency, Office of Health and Environmental Assessment. EPA/600/8-86/032a.
- EPA. 1988a. U.S. Environmental Protection Agency: Part II. Federal Register. 53:31138-31222.
- EPA. 1988b. U.S. Environmental Protection Agency: Part II. Federal Register. 53:4500-4539.
- EPA. 1988c. U.S. Environmental Protection Agency: Part V. Federal Register. 53:38642-38654.
- EPA. 1989a. Interim Methods for Development of Inhalation Reference Doses. Washington, DC: U.S. Environmental Protection Agency, Office of Health and Environmental Assessment. EPA 600/8-88/066F.
- EPA. 1989b. U.S. Environmental Protection Agency: Part II. Federal Register. 54:1056-1120.
- EPA. 1989c. U.S. Environmental Protection Agency. Federal Register. 54:618-621.
- *EPA. 1989d. Hydrolysis rate constants for enhancing property-reactivity relationships. Athens, GA: U.S. Environmental Protection Agency, Office of Research and Development. PB 89-220479.
- *EPA. 1990a. Characterization of municipal waste combustion ash, ash extracts, and leachates. Washington, DC: U.S. Environmental Protection Agency. EPA530-SW-90-029A.
- *EPA. 1990b. Interim methods for the development of inhalation reference concentrations. Washington, DC: U.S. Environmental Protection Agency, Office of Health and Environmental Assessment. EPA 600/8-90/066A.
- *EPA. 1992. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR260-299.
- *EPA. 1993. Reference guide to odor thresholds for hazardous air pollutants listed in the clean air act amendments of 1990. Washington, DC: U.S. Environmental Protection Agency. PB92-239516.
- *EPA. 1994a. Method 8250A: Semivolatile organic compounds by gas chromatography/mass spectrometry (GS/MS). Washington, DC: U.S. Environmental Protection Agency.
- *EPA. 1994b. Method 8410: Gas chromatography/fourier transform infrared (GC/FT-IR) spectrometry for semivolatile organics: Capillary column. Washington, DC: U.S. Environmental Protection Agency.
- *EPA. 1996a. Drinking Water Regulations and Health Advisories. Washington, DC: U.S. Environmental Protection Agency, Office of Water. EPA 822-B-96-002.

9. REFERENCES

- *EPA. 1996b. Method 8061A: Phthalate esters by gas chromatography with electron capture detection (GC/ECD). Washington, DC: U.S. Environmental Protection Agency.
- *EPA. 1997. Special report on environmental endocrine disruption: An effects assessment and analysis. Washington, DC: U.S. Environmental Protection Agency. EPA/630/R-96/012.
- EPA. 1998a. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 372.65.
- EPA. 1998b. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 266.
- EPA. 1998c. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 116.4.
- EPA. 1998d. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 264.
- EPA. 1998e. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 302.4.
- EPA. 1998f. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 467.2.
- EPA. 1998g. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 465.02.
- EPA. 1998h. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 433.11.
- EPA. 1998i. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 413.02.
- EPA. 1998j. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 469.12.
- EPA. 1998k. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 414.101.
- EPA. 1998l. U.S. Method 8270: Semivolatile organic compounds by gas chromatography/mass spectrometry (GS/MS). Washington, DC: U.S. Environmental Protection Agency.
- *EPA. 1999a. Washington, DC: U.S. Environmental Protection Agency, Office of Pesticide Programs <http://www.epa.gov/opprd001/inerts/list2inerts.html>. August 5, 1999.
- *EPA. 1999b. Washington, DC: U.S. Environmental Protection Agency, Office of Pesticide Programs <http://www.epa.gov/oppmsd1/DataSubmittersList/dslchem.htm>. August 5, 1999.
- *EPA. 1999c. National recommended water quality criteria-correction. Washington, DC: U.S. Environmental Protection Agency, Office of Water. EPA 822-Z-99-001.
- EPA. 1999d. Toxic chemical release reporting: Community right-to-know: Chemicals and chemical categories to which this part applies. U.S. Environmental Protection Agency. Code of Federal Regulations. http://www.access.gpo.gov/nara/cfr/waisidx_99/40cfr372_99.html. February 8, 2001.
- *EPA. 1999e. Identification of specific chemical substance and mixture testing requirements: Testing consent orders for substances and mixtures with chemical abstract service registry numbers. U.S. Environmental Protection Agency. Code of Federal Regulations. http://www.access.gpo.gov/nara/cfr/waisidx_99/40cfr799_99.html. February 8, 2001.

9. REFERENCES

- EPA. 2000a. Designation of hazardous substances. U.S. Environmental Protection Agency. Code of Federal Regulations. http://www.access.gpo.gov/nara/cfr/waisidx_00/40cfr14_00.html. October 25, 2000.
- EPA. 2000b. Identification and listing of hazardous waste: Discarded commercial chemical products, off-specification species, container residues and spill residues thereof. U.S. Environmental Protection Agency. Code of Federal Regulations. http://www.access.gpo.gov/nara/cfr/waisidx_00/40cfr261_00.html. February 8, 2001.
- EPA. 2000c. National drinking water contaminant occurrence database. Envirofacts Warehouse. U.S. Environmental Protection Agency. <http://www.epa.gov:9966>.
- *EPA. 2001a. Applicability: description of the bulk organic chemicals subcategory. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 414.70, Appendix C. http://www.access.gpo.gov/nara/cfr/...1_00/Title_40/40cfr414_main_00.html. April 3, 2001.
- *EPA. 2001b. Chemicals and chemical categories to which this part applies. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 372.65. http://www.access.gpo.gov/nara/cfr/...1_00/Title_40/40cfr372main_00.html. April 5, 2001.
- *EPA. 2001c. Designation of hazardous substances. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 116.4. http://www.access.gpo.gov/nara/cfr/...100/Title_40/40cfr116_main_00.html. April 5, 2001.
- *EPA. 2001d. Designation of hazardous substances. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 302.4. http://www.access.gpo.gov/nara/cfr/...1_00/Title_40/40cfr302_main_00.html. April 5, 2001.
- *EPA. 2001e. Di-*n*-butyl phthalate: 84-74-2. U.S. Environmental Protection Agency. Office of Air Quality Planning and Standards. <http://www.epa.gov/ttnuatwl/hlthef/di-n-but.html>. January 8, 2001.
- *EPA. 2001f. Discarded commercial chemical products, off-specification species, container residues, and spill residues thereof. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 261.33. http://www.access.gpo.gov/nara/cfr/...1_00/Title_40/40cfr261_main_00.html. April 5, 2001.
- *EPA. 2001g. General definitions. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 264, Appendix IX. http://www.access.gpo.gov/nara/cfr/...1_00/Title_40/40cfr465_main_00.html. April 5, 2001.
- *EPA. 2001h. General definitions. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 467.02. http://www.access.gpo.gov/nara/cfr/...1_00/Title_40/40cfr467_main00.html. April 5, 2001.
- *EPA. 2001i. General definitions. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 264, Appendix IX. http://www.access.gpo.gov/nara/cfr/...1_00/Title_40/40cfr264_main_00.html. April 5, 2001.
- *EPA. 2001j. List of hazardous inorganic and organic constituents 1. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 258, Appendix II. http://www.access.gpo.gov/nara/cfr/...1_00/Title_40/40cfr258_main_00.html. April 3, 2001.

9. REFERENCES

- *EPA. 2001k. Listed constituents. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 192, Appendix I.
http://www.access.gpo.gov/nara/cfr/...1_00/Title_40/40cfr192_main_00.html. April 3, 2001.
- EPA. 2001l. NPDES permit testing requirements. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 122.21, Appendix D.
http://www.access.gpo.gov/nara/cfr/...1_00/Title40/40cfr122_main_00.html. April 3, 2001.
- EPA. 2001m. NPDES permit testing requirements for publicly owned treatment works. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 122.21, Appendix J.
http://www.access.gpo.gov/nara/cfr/...1_00/Title_40/40cfr403_main_00.html. April 3, 2001.
- *EPA. 2001n. Pollutants eligible for a removal credit. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 403, Appendix G.
http://www.access.gpo.gov/nara/cfr/...1_00/Title_40/40cfr403_main_00.html. April 3, 2001.
- *EPA. 2001o. Priority pollutants. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 423, Appendix A.
http://www.access.gpo.gov/nara/cfr/...1_00/Title_40/40cfr266_main_00.html. April 4, 2001.
- *EPA. 2001p. Reference air concentrations. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 266, Appendix IV.
http://www.access.gpo.gov/nara/cfr/...1_00/Title_40/40cfr266_main_00.html. April 3, 2001.
- *EPA. 2001q. Specialized definitions. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 433.11.
http://www.access.gpo.gov/nara/cfr/...1_00/Title_40/40cfr433.11_main00.html. April 3, 2001.
- *EPA. 2001r. Substances and listed mixtures with chemical abstract service registry numbers. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 716.120.
http://www.access.gpo.gov/nara/cfr/...1_00/Title_40/40cfr716.120_main_00.html. April 5, 2001.
- *EPA. 2001s. Testing consent orders for substances and mixtures with chemical abstract service registry numbers. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 799.5000.
http://www.access.gpo.gov/nara/cfr/...1_00/Title_40/40cfr799.5000_main_00.html. April 5, 2001.
- *EPA. 2001t. Toxic criteria for those states not complying with Clean Water Act section 303(c)(2)(B). U.S. Environmental Protection Agency. Code of Federal Regulations 40 CFR 131.36.
http://www.access.gpo.gov/nara/cfr/..1_00/Title_40/40cfr131.36_main_00.html. April 3, 2001.
- *EPA. 2001u. Toxic pollutants effluent limitations and standards for direct discharge point sources that use end-of-pipe biological treatment. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 414.91.
http://www.access.gpo.gov/nara/cfr/...1_00/Title_40/40cfr414.91_main_00.html. April 3, 2001.
- *EPA. 2001v. Toxic pollutant effluent limitations and standards for direct discharge point sources that do not use end-of-pipe biological treatment. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 414.101.
http://www.access.gpo.gov/nara/cfr/..1_00/Title_40/40cfr414.101_main_00.html. April 3, 2001.

9. REFERENCES

- *EPA. 2001w. Toxic pollutant standards for indirect discharge point sources. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 414.111.
<http://www.access.gpo.gov/nara/cfr/...100/Title40/40cfr414.111main00.html>. April 3, 2001.
- *EPA. 2001x. Universal treatment standards. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 268.48.
<http://www.access.gpo.gov/nara/cfr/...100/Title40/40cfr268.48main00.html>. April 3, 2001.
- *Fallon ME, Horvath FJ. 1985. Preliminary assessment of contaminants in soft sediments of the Detroit River. *J Great Lakes Res* 11(3):373-378.
- FDA. 1998a. Food and Drug Administration. Code of Federal Regulations. 21 CFR 177.2600.
- FDA. 1998b. Food and Drug Administration. Code of Federal Regulations. 21 CFR 177.1200.
- FDA. 1998c. Food and Drug Administration. Code of Federal Regulations. 21 CFR 175.105.
- FDA. 1998d. Food and Drug Administration. Code of Federal Regulations. 21 CFR 176.170.
- *FDA. 1999. Indirect food additives: Paper and paperboard components: Components of paper and paperboard in contact with aqueous and fatty foods. Food and Drug Administration. Code of Federal Regulations. 21 CFR 176.170. http://www.access.gpo.gov/nara/cfr/waisidx_99/21cfr176_99.html. February 2, 2001.
- *FDA. 2000a. Indirect food additives: Adhesives and components of coatings: Adhesives. Food and Drug Administration. Code of Federal Regulations. 21 CFR 175.105.
http://www.access.gpo.gov/nara/cfr/waisidx_00/21cfr175_00.html. February 2, 2001.
- *FDA. 2000b. Indirect food additives: Polymers: Cellophane. Food and Drug Administration. Code of Federal Regulations. 21 CFR 177.1200.
http://www.access.gpo.gov/nara/cfr/waisidx_00/21cfr177_00.html. February 2, 2001.
- *FDA. 2000c. Indirect food additives: Polymers: Substances for use only as components of articles intended for repeated use: Rubber articles intended for repeated use. Food and Drug Administration. Code of Federal Regulations. 21 CFR 177.2600.
http://www.access.gpo.gov/nara/cfr/waisidx_00/21cfr177_00.html. February 2, 2001.
- *FDA. 2000d. Components of paper and paperboard in contact with aqueous and fatty food. National Archives and Records Administration. Code of Federal Regulations. 21 CFR 176.170.
http://www.access.gpo.gov/nara/cfr/waisidx_00/21cfr176.00.html. April 5, 2001.
- *FDA. 2000e. Polyester resins, cross-linked. National Archives and Records Administration. Code of Federal Regulations. 21 CFR 177.2420, Appendix B.
http://www.access.gpo.gov/nara/cfr/waisidx_00/21cfr175_00.html. April 3, 2001.
- *FDA. 2000f. Resinous and polymeric coatings. National Archives and Records Administration. Code of Federal Regulations. 21 CFR 175.300.
http://www.access.gpo.gov/nara/cfr/waisidx_00/21cfr175_00.html. April 3, 2001.

9. REFERENCES

- *FDA. 2000g. Slimicides. National Archives and Records Administration. Code of Federal Regulations 21 CFR 176.300, Appendix D. http://www.access.gpo.gov/nara/cfr/waisidx_00/21cfr176_00.html. April 3, 2001.
- *FEDRIP. 1999. Federal Research in Progress: Di-*n*-butyl Phthalate. Dialog Information Services, Inc. Palo Alto, CA. February 1992.
- *FEDRIP. 2000. Federal Research in Progress: Di-*n*-butyl Phthalate. Dialog Information Services, Inc. Palo Alto, CA.
- *Feiler HD, Storch PJ, Southworth R. 1980. Organics in municipal sludges survey of forty cities. Natl Conf Munic Ind Sludge Util Disposal [pap.], 53-57.
- *Felthouse TR, Burnett JC, Mitchell SF, et al. 1995. Maleic anhydride, maleic and fumaric acid. In: Kroschwitz JJ, Howe-Grant M, eds. Kirk-Othmer encyclopedia of chemical technology. New York, NY: John Wiley & Sons, 902-928.
- *Ferrario JB, DeLeon IR, Tracy RE. 1985. Evidence for toxic anthropogenic chemicals in human thrombogenic coronary plaques. Arch Environ Contam Toxicol 14:529-534.
- Fishbein L. 1984. Toxicity of the components of styrene polymers: Polystyrene, acrylonitrile-butadiene-styrene (ABS) and styrene-butadiene-rubber (SBR). Reactants and additives. In: Jarvisalo J, Pfaffli P, Vainio H, eds. Industrial hazards of plastics and synthetic elastomers. New York, NY: Alan R. Liss, Inc., 239-262.
- *Fishbein L. 1992. Exposure from occupational versus other sources. Scand J Work Environ Health 18(suppl 1):5-16.
- *Florin I, Rutberg L, Curvall M, et al. 1980. Screening of tobacco smoke constituents for mutagenicity using the Ames' test. Toxicology 18:219-232.
- *Fomon SJ. 1966. Body composition of the infant. Part I: The male "reference infant". In: Falkner F, ed. Human Development. Philadelphia, PA: WB Saunders, 239-246.
- *Fomon SJ, Haschke F, Ziegler EE, et al. 1982. Body composition of reference children from birth to age 10 years. Am J Clin Nutr 35:1169-1175.
- *Foster PM, Cook MW, Thomas LV, et al. 1982. Differences in urinary metabolic profile from di-*n*-butyl phthalate-treated rats and hamsters: A possible explanation for species differences in susceptibility to testicular atrophy. Drug Metab Dispos 11(1):59-61.
- Foster PM, Lake BG, Cook MW, et al. 1981. Structure-activity requirements for the induction of testicular atrophy by butyl phthalates in immature rats: Effect on testicular zinc content. In: Snyder R, Parke DV, Kocsis JJ, et al., eds. Biological reactive intermediates-II: Chemical mechanisms and biological effects, Part A. New York, NY: Plenum Press, 445-452.
- Foster PM, Thomas LV, Cook MW, et al. 1980. Study of the testicular effects and changes in zinc excretion produced by some *n*-alkyl phthalates in the rat. Toxicol Appl Pharmacol 54:392-398.

9. REFERENCES

- *Fricker C, Hardy J. 1990. Characterization of commercially available coffee filter papers. *J Environ Sci Health Part A* 25(8):927-936.
- FSTRAC. 1988. Summary of state and federal drinking water standards and guidelines. Washington, DC: Federal-State Toxicology and Regulatory Alliance Committee, Chemical Communication Subcommittee.
- *Fukuoka M, Kobayashi T, Hayakawa T. 1994. Mechanism of testicular atrophy induced by di-*n*-butyl phthalate in rats. VI. A possible origin of testicular iron depletion. *Biol Pharm Bull* 17(12):1609-1612.
- *Fukuoka M, Kobayashi T, Hayakawa T. 1995. Mechanism of testicular atrophy induced by di-*n*-butyl phthalate in rats. Part 5. Testicular iron depletion and levels of ferritin, hemoglobin and transferrin in the bone marrow, liver and spleen. *J Appl Toxicol* 15(5):379-386.
- *Fukuoka M, Kobayashi T, Zhou Y, et al. 1993. Mechanism of testicular atrophy induced by di-*n*-butyl phthalate in rats. Part 4. Changes in the activity of succinate dehydrogenase and the levels of transferrin and ferritin in the sertoli and germ cells. *J Appl Toxicol* 13(4):241-246.
- *Fukuoka M, Tanimoto T, Zhou Y, et al. 1989. Mechanism of testicular atrophy induced by di-*n*-butyl phthalate in rats. Part 1. *J Appl Toxicol* 9(4):277-283.
- *Fukuoka M, Zhou Y, Tanaka A, et al. 1990. Mechanism of testicular atrophy induced by di-*n*-butyl phthalate in rats. Part 2. The effects on some testicular enzymes. *J Appl Toxicol* 10(4):285-293.
- Gangolli SD. 1982. Testicular effects of phthalate esters. *Environ Health Perspect* 45:77-84.
- Geissert JO. 1977. Technical assistance report no. TA-76-66. Cincinnati, OH: National Institute for Occupational Safety and Health. NTIS No. PB82-189747.
- *Germain A, Langlois C. 1988. Contamination des eaux et des sediments en suspension du fleuve saint-laurent par les pesticides organochlores, les biphenyles polychlores et d'autres contaminants organiques prioritaires. *Water Pollut Res J Can* 23(4):602-614.
- Gesler RM. 1973. Toxicology of di-2-ethylhexyl phthalate and other phthalic-acid ester plasticizers. *Environ Health Perspect* 3:73-79.
- *Giam CS, Wong MK. 1987. Plasticizers in food. *J Food Prot* 50(9):769-782.
- *Giam CS, Atlas E, Chan HS, et al. 1980. Phthalate esters, PCB and DDT residues in the Gulf of Mexico atmosphere. *Atmos Environ* 14:65-69.
- Giam CS, Chan HS, Neff GS. 1978a. Phthalate ester plasticizers, DDT, DDE and polychlorinated biphenyls in biota from the Gulf of Mexico. *Mar Pollut Bull* 9:249-251.
- Giam CS, Chan HS, Neff GS, et al. 1978b. Phthalate ester plasticizers: A new class of marine pollutant. *Science* 199:419-421.
- *Giwerzman A, Carlsen E, Keiding N, et al. 1993. Evidence for increasing incidence of abnormalities of the human testis: A review. *Environ Health Perspect Suppl* 101(2):65-71.

9. REFERENCES

- Goncharuk EI, Sidorenko GI, Golubchikov MV. 1990. [Use of the mother-fetus-newborn infant system of combined effects of pesticides and other chemicals]. *Gig Sanit Jun*(6):4-7. (Russian)
- Gosselin RE, Smith RP, Hodge HC, et al, eds. 1984. *Clinical toxicology of commercial products*. 5th ed. Baltimore, MD: Williams and Wilkins, II-204.
- Gothe R. 1974. Oxidation with tetrabutylammonium permanganate for quantitation of DDT residues in GLC determination of chlorinated hydrocarbons. *Bull Environ Contam Toxicol* 11:451-455.
- Gray LE, Ostby JS, Mylchreest E, et al. 1998. Dibutyl phthalate (DBP) induces antiandrogenic but not estrogenic in vivo effects in LE Hooded rats. *Toxicologist* 42(1-S):176.
- Gray LE, Ostby J, Sigmon R J, et al. 1988. The development of a protocol to assess reproductive effects of toxicants in the rat. *Reprod Toxicol* 2:281-287.
- *Gray LE, Wolf C, Lambright C, et al. 1999. Administration of potentially antiandrogenic pesticides (procymidone, linuron, iprodione, chlozolate, *p,p'*-DDE, and ketoconazole) and toxic substances (dibutyl- and diethylhexyl phthalate, PCB 169, and ethane dimethane sulphonate) during sexual differentiation produces diverse profiles of reproductive malformations in the male rat. *Toxicol Ind Health* 15(1-2):94-118.
- *Gray TJ, Gangolli SD. 1986. Aspects of the testicular toxicity of phthalate esters. *Environ Health Perspect* 65:229-235.
- *Gray TJ, Rowland IR, Foster PM, et al. 1982. Species differences in the testicular toxicity of phthalate esters. *Toxicol Lett* 11:141-147.
- Green DR, Le Pape D. 1987. Stability of hydrocarbon samples on solid-phase extraction columns. *Anal Chem* 59:699-703.
- *Grollert C, Kasper A, Puxbaum H. 1997. Organic compounds in high alpine snow. *Int J Environ Anal Chem* 67:213-222.
- Gulati DK, Hope E, Teague J, et al. 1991. Reproductive toxicity assessment by continuous breeding in Sprague-Dawley rats: A comparison of two study designs. *Fundam Appl Toxicol* 17:270-279.
- *Guzelian PS, Henry CJ, Olin SS. 1992. *Similarities and Differences between children and adults: Implications for risk assessment*. Washington, DC: International Life Sciences Institute Press.
- Haley TJ. 1975. Vinyl chloride: How many unknown problems? *J Toxicol Environ Health* 1:47-73.
- Hall DE, Austin P, Fairweather FA. 1966. Acute (mouse and rat) and short-term (rat) toxicity studies on dibutyl(diethylene glycol bisphthalate). *Food Cosmet Toxicol* 4:383-388.
- *Hannah SA, Austern BM, Eralp AE, et al. 1986. Comparative removal of toxic pollutants by six wastewater treatment processes. *J Water Pollut Control Fed* 58(1):27-34.
- Hannah SA, Austern BM, Eralp AE, et al. 1988. Removal of organic toxic pollutants by trickling filter and activated sludge. *J Water Pollut Control Fed* 60:1281-1283.

9. REFERENCES

- *Hansch C, Leo A, Hoekman D, eds. 1995. Exploring QSAR; Hydrophobic, electronic, and steric constants. Washington, DC: American Chemical Society, 144.
- *Hardin BD. 1987. A recommended protocol for the Chernoff/Kavlock preliminary developmental toxicity test and a proposed method for assigning priority scores based on results of that test. *Teratog Carcinog Mutagen* 7:85-94.
- *Hardin BD, Schuler RL, Burg JR, et al. 1987. Evaluation of 60 chemicals in a preliminary developmental toxicity test. *Teratog Carcinog Mutagen* 7:29-48.
- *Harris CA, Henttu P, Parker MG, et al. 1997. The estrogenic activity of phthalate esters *in vitro*. *Environ Health Perspect* 105(8):802-811.
- Harsanyi BB, Foong WC, Jones DW. 1988. Implantation of denture soft polymers into hamster cheek pouch [Abstract]. *J Dent Res* 67:263.
- Hauser TR, Bromberg SM. 1982. EPA's monitoring program at Love Canal 1980. *Environ Monit Assess* 2:249-271.
- Hawker DW, Connell DW. 1986. Bioconcentration of lipophilic compounds by some aquatic organisms. *Ecotoxicol Environ Saf* 11:184-197.
- Hawthorne SB. 1988. 1988 workshop on supercritical fluid chromatography. *American Laboratory* (August 1988):6-8.
- *HazDat. 1999. Agency for Toxic Substances and Disease Registry(ATSDR). Results of HazDat searches for group 13 chemicals. Atlanta, GA.
- *HazDat. 2001. Agency for Toxic Substances and Disease Registry(ATSDR). Results of HazDat searches for group 13 chemicals. Atlanta, GA.
- *Hazleton Biotechnologies. 1986. Mutagenicity of IC in a mouse lymphoma mutation assay: Final report. Hazleton Biotechnologies Company, Kensington, MD. HB Project No. 20989.
- *Heitkamp MA, Johnson B. 1984. Impact of an oil field effluent on microbial activities in a Wyoming river. *Can J Microbiol* 30:786-792.
- *Ho C-T, Lee KN, Jin QZ. 1983. Isolation and identification of volatile flavor compounds in fried bacon. *J Agric Food Chem* 31:336-342.
- *Hoel DG, Davis DL, Miller AB, et al. 1992. Trends in cancer mortality in 15 industrialized countries, 1969-1986. *J. Natl Cancer Inst* 84(5):313-320.
- *Hoff RM, Chan K-W. 1987. Measurement of polycyclic aromatic hydrocarbons in the air along the Niagara River. *Environ Sci Technol* 21:556-561.
- Horton R. 2000. Retraction: Interferon alfa-2b... in Behçet's disease. *Lancet* 356:1292-1299.

9. REFERENCES

- *Howard PH, ed. 1989. Handbook of environmental fate and exposure data of environmental chemicals. Vol. 1. Large production and priority pollutants. Chelsea, MA: Lewis Publishing Inc., 217-228.
- Howard PH, Banerjee S, Robillard KH. 1985. Measurement of water solubilities, octanol/water partition coefficients and vapor pressures of commercial phthalate esters. *Environ Toxicol Chem* 4:653-661.
- Howarth JA, Price SC, Dobrota M, et al. 2001. Effects on male rats of di-(2-ethylhexyl) phthalate and di-n-hexylphthalate administered alone or in combination. *Toxicol Lett* 121:35-43.
- HSDB. 1988. Hazardous Substances Data Bank. National Library of Medicine, National Toxicology Information Program, Bethesda, MD. December 1988.
- HSDB. 1999. Hazardous Substances Data Bank. National Library of Medicine, National Toxicology Information Program, Bethesda, MD. May 17, 1999.
- HSDB. 2000. Hazardous Substances Data Bank. National Library of Medicine, National Toxicology Information Program, Bethesda, MD. December 2000.
- *HSDB. 2001. Hazardous Substances Data Bank. National Library of Medicine, National Toxicology Information Program, Bethesda, MD. <http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB>. February 2001.
- Hudson RA, Austerberry CF, Bagshaw JC. 1981. Phthalate ester hydrolases and phthalate ester toxicity in synchronously developing larvae of the brine shrimp (*Artemia*). *Life Sci* 29:1865-1872.
- Hudson VW. 1982. TSCA interagency testing committee actions related to phthalates. *Environ Health Perspect* 45:135-136.
- Husain SL. 1975. Dibutyl phthalate sensitivity. *Contact Dermatitis* 1:395.
- Hutchins SR, Tomson MB, Ward CH. 1983. Trace organic contamination of ground water from a rapid infiltration site: A laboratory-field coordinated study. *Environ Toxicol Chem* 2:195-216.
- Imajima T, Shono T, Zakari O, et al. 1997. Prenatal phthalate causes cryptorchidism postnatally by inducing transabdominal ascent of testis in fetal rats. *J Pediatr Surg* 32(1):18-21.
- *Inman JC, Strachan SD, Sommers LE, et al. 1984. The decomposition of phthalate esters in soil. *J Environ Sci Health B19(2):245-257*.
- *Inouye B, Ogino Y, Ishida T, et al. 1978. Effects of phthalate esters on mitochondrial oxidative phosphorylation in the rat. *Toxicol Appl Pharmacol* 43:189-198.
- IRIS. 1999. Dibutyl phthalate. Integrated Risk Information System, U.S. Environmental Protection Agency. <http://www.epa.gov/IRIS/subst/0038.htm>. April 19, 1999.
- *IRIS. 2001. Dibutyl phthalate. Integrated Risk Information System, U.S. Environmental Protection Agency. <http://www.epa.gov/IRIS/subst/0038.htm>. January 8, 2001.
- *IRDC. 1984. Study of fertility and general reproductive performance in rats (IR-83-145). International Research and Development Corporation: Mattawan, MI.
- IRPTC. 1989. IRPTC data profile on: Dibutyl phthalate. International Register of Potentially Toxic Chemicals, United Nations Environment Programme, Geneva, Switzerland. January 1989.

9. REFERENCES

- *Ishida M, Suyama K, Adachi S. 1981. Occurrence of dibutyl and di(2-ethylhexyl) phthalate in chicken eggs. *J Agric Food Chem* 29:72-74.
- *Ishidate M Jr, Odashima S. 1977. Chromosome tests with 134 compounds on Chinese hamster cells *in vitro*—a screening for chemical carcinogens. *Mutat Res* 48:337-353.
- Jansson B, Jensen S, Olsson M, et al. 1975. Identification by GC-MS of phenolic metabolites of PCB and p,p'-DDE isolated from Baltic guillemot and seal. *Ambio* 4:93-97.
- *Jay K, Steiglitz L. 1995. Identification and quantification of volatile organic components in emissions of waste incineration plants. *Chemosphere* 30(7):1249-1260
- Jianlong W, Lujun C, Hanchang S, et al. 2000. Microbial degradation of phthalic acid esters under anaerobic digestion of sludge. *Chemosphere* 41:1245-1248.
- Jianlong W, Ping L, Hanchang S, et al. 1997. Biodegradation of phthalic acid ester in soil by indigenous and introduced microorganisms. *Chemosphere* 35(8):1747-1754.
- *Jobling S, Reynolds T, White R, et al. 1995. A variety of environmentally persistent chemicals, including some phthalate plasticizers, are weakly estrogenic. *Environ Health Perspect* 103(6):582-587.
- *Johanson CE. 1980. Permeability and vascularity of the developing brain: cerebellum vs cerebral cortex. *Brain Res* 190:3-16.
- John JA, Wroblewski DJ, Schwetz BA. 1984. Teratogenicity of experimental and occupational exposure to industrial chemicals. *Issues Rev Terat* 2:267-324.
- *Johnson BT, Lulves W. 1975. Biodegradation of di-*n*-butyl phthalate and di-2-ethylhexyl phthalate in fresh water hydrosol. *J Fisher Res Board Can* 32(3):333-339.
- *Johnson BT, Heitkamp MA, Jones JR. 1984. Environmental and chemical factors influencing the biodegradation of phthalic acid esters in freshwater sediments. *Environ Pollut (Series B)* 8:101-118.
- Johnson BT, Stalling DL, Hogan JW, et al. 1977. Dynamics of phthalic acid esters in aquatic organisms. In: Suffet IH, ed. *Fate of pollutants in the air and water environments: Part 2. Chemical and biological fate of pollutants in the environment*. New York, NY: John Wiley and Sons, 283-300.
- Johnson EM, Gabel BE. 1983. An artificial embryo for detection of abnormal developmental biology. *Fundam Appl Toxicol* 3:243-249.
- Johnson EM, Newman LM, Gabel BE, et al. 1988. An analysis of the Hydra assay's applicability and reliability as a developmental toxicity prescreen. *J Am Coll Toxicol* 7:111-126.
- Jones AE, Kahn RH, Groves JT, et al. 1975. Phthalate ester toxicity in human cell cultures. *Toxicol Appl Pharmacol* 31:283-289.
- *Jones D, Burklin C, Seaman J. 1996. Models to estimate volatile organic hazardous air pollutant emissions from municipal sewer systems. *J Air Waste Manag Assoc* 46:657-666.

9. REFERENCES

- Jury WA, Winer AM, Spencer WF, et al. 1987. Transport and transformations of organic chemicals in the soil-air-water ecosystem. *Rev Environ Contam Toxicol* 99:119-164.
- Kamiya A, Ose Y. 1987. Mutagenic activity and PAH analysis in municipal incinerators. *Sci Total Environ* 61:37-49.
- Kaneshima H, Yamaguchi T, Itoh K. 1978a. Studies on the effects of phthalate esters on the biological system: (Part 3). The *in vitro* metabolism of dibutyl phthalate in the small intestines of rats. *Bull Environ Contam Toxicol* 20:725-728.
- *Keys DA, Wallace DG, Kepler TB, et al. 1999. Quantitative evaluation of alternative mechanisms of blood and testes disposition of di(2-ethylhexyl) phthalate and mono(2-ethylhexyl) phthalate in rats. *Toxicol Sci* 49:172-185.
- Kaneshima H, Yamaguchi T, Okui T, et al. 1978b. Studies on the effects of phthalate esters on the biological system (Part 2) *In vitro* metabolism and biliary excretion of phthalate esters in rats. *Bull Environ Contam Toxicol* 19:502-509.
- *Kaplan W, ed. 1998. Trade names and designations of plasticizers. *Modern Plastics Encyclopedia* 1999. 75(12):c111, c115.
- Kawamura K, Kaplan IR. 1983. Organic compounds in the rainwater of Los Angeles. *Environ Sci Technol* 17:497-501.
- *Kawano M. 1980a. [Toxicological studies on phthalate esters. 1. Inhalation effects of dibutyl phthalate (DBP) on rats.] *Nippon Eiseigaku Zasshi (Jpn J Hyg)* 35:684-692. (Japanese).
- *Kawano M. 1980b. [Toxicological studies on phthalate esters. 2. Metabolism, accumulation and excretion of phthalate esters in rats.] *Nippon Eiseigaku Zasshi (Jpn J Hyg)* 35:693-701. (Japanese)
- *Kawashima Y, Hanioka N, Matsumura M, et al. 1983. Induction of microsomal stearyl-CoA desaturation by the administration of various peroxisome proliferators. *Biochim Biophys Acta* 752:259-264.
- *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 Science Publishers, Inc., 329-362.
- Kerster HW, Schaeffer DJ. 1983. Brine shrimp (*Artemia salina*) Nauplii as a teratogen test system. *Ecotoxicol Environ Saf* 7:342-349.
- *Keys DA, Wallace DG, Kepler TB, et al. 2000. Quantitative evaluation of alternative mechanisms of blood disposition of di(*n*-butyl) phthalate and mono(*n*-butyl) phthalate in rats. *Toxicol Sci* 53:173-184.
- Killinger JM, Basaran AH, Mezza LE, et al. 1988a. Prechronic dosed feed study of dibutyl phthalate (CAS No. 84-74-2) in B6C3F₁ mice (phase I - maximum perinatal dose). Report to National Toxicology Program, Research Triangle Park, NC, by Battelle, Columbus, OH.
- Killinger J, Basaran A, Mezza L, et al. 1989. Perinatal dose study of dibutyl phthalate in rats and mice. *Toxicologist* 9(1):273.

9. REFERENCES

- Killinger LM, Basaran AH, Persing RL, et al. 1988b. Maximum perinatal dose feed study of dibutyl phthalate (CAS No. 84-74-2) in Fischer 344 rats. Research Triangle Park: National Toxicology Program.
- Killinger JM, Melnick R, Basaran A, et al. 1991. Effect of dibutyl phthalate on the F344 rat with and without in utero exposure. *Toxicologist* 11:341.
- *Kinman R, Nutini D, Carson D. 1995. Evaluation of leachate and gas from sanitary landfills with and without HHW components. *Proc Ind Waste Conf* 49:263-269.
- *Kleissner NH, Kastenbauer ER, Weissacher H, et al. 2000. Phthalates demonstrate genotoxicity on human mucosa of the upper aerodigestive tract. *Environ Mol Mutagen* 35:9-12.
- Kluwe WM. 1982. Overview of phthalate ester pharmacokinetics in mammalian species. *Environ Health Perspect* 45:3-9.
- Knudsen FR, Pottinger TG. 1999. Interaction of endocrine disrupting chemicals, singly and in combination, with estrogen-, androgen-, and corticosteroid-binding sites in rainbow trout (*oncorhynchus mykiss*). *Aquat Toxicol* 44:159-170.
- *Kodama T, Takai Y. 1974. [Determination of phthalate esters.] *Kogai lo saroaku* 10:977-980. (Japanese).
- *Komori M, Nishio K, Kitada M, et al. 1990. Fetus-specific expression of a form of cytochrome P-450 in human livers. *Biochemistry* 29:4430-4433.
- Kool HJ, van Kreijl CF, Zoeteman BC. 1982. Toxicology assessment of organic compounds in drinking water. *CRC Crit Rev Environ Control* 12:307-357.
- Korhonen A, Hemminki K, Vainio H. 1983. Embryotoxic effects of phthalic acid derivatives, phosphates and aromatic oils used in the manufacturing of rubber on 3 day chicken embryos. *Drug Chem Toxicol* 6:191-208.
- *Krauskopf LG. 1973. Studies of the toxicity of phthalates via ingestion. *Environ Health Perspect* 3:61-72.
- *Krishnan K, Andersen ME. 1994. Physiologically based pharmacokinetic modeling in toxicology. In: Hayes AW, ed. *Principles and methods of toxicology* 3rd ed. New York, NY: Academic Press, 399-437.
- *Krishnan K, Andersen ME, Clewell H 3rd, et al. 1994. Physiologically based pharmacokinetic modeling of chemical mixtures. In: Yang R, ed. *Toxicology of chemical mixtures*. New York, NY: Raven Press, 149-188.
- Kurane R. 1986. Microbial degradation of phthalate esters. *Microbiol Sci* 3:92-95.
- Kurane R, Suzuki T, Takahara Y. 1979. Microbial population and identification of phthalate ester-utilizing microorganisms. *Agric Biol Chem* 43:907-917.

9. REFERENCES

Lake BG, Cook WM, Worrell NR, et al. 1991. Dose-response relationships for induction of hepatic peroxisome proliferation and testicular atrophy by phthalate esters in the rat [Abstract]. *Hum Exp Toxicol* 10:67-68.

*Lake BG, Phillips JC, Linnell JC, et al. 1977. The *in vitro* hydrolysis of some phthalate esters by hepatic and intestinal preparations from various species. *Toxicol Appl Pharmacol* 39:239-248.

*Lamb JC, Chapin RE, Teague J, et al. 1987. Reproductive effects of four phthalic acid esters in the mouse. *Toxicol Appl Pharmacol* 88:255-269.

Lamb JC, Reel J, Lawton AD, et al. 1997. Di-*n*-butyl phthalate, mice. *Environ Health Perspect Suppl* 105:247-248.

Lao RC, Oja H, Thomas RS, et al. 1973. Assessment of environmental problems using the combination of gas chromatography and quadrupole mass spectrometry. *Sci Total Environ* 2:223-233.

Lawrence WH, Malik M, Turner JE, et al. 1975. A toxicological investigation of some acute, short-term, and chronic effects of administering di-2-ethylhexyl phthalate (DEHP) and other phthalate esters. *Environ Res* 9:1-11.

Layton DW, Mallon BJ, Rosenblatt DH, et al. 1987. Deriving allowable daily intakes for systemic toxicants lacking chronic toxicity data. *Regul Toxicol Pharmacol* 7:96-112.

Layton DW, McKone TE, Hall CH, et al. 1986. Demilitarization of conventional ordinance: Priorities for data-base assessments of environmental contaminants. Fort Detrick, Frederick, MD: U.S. Army Medical Research and Development Command. ADA 182922.

*LBI. 1985a. Evaluation of IC in the *in vitro* transformation of BALB/3T3 cells assay: Final Report. Litton Bionetics, Inc. Chemical Manufacturers Association, Washington, DC. LBI Project No. 20992.

LBI. 1985b. Evaluation of IC in the mouse lymphoma toxicity assay: Final report. Litton Bionetics, Inc. Chemical Manufacturers Association, Washington, DC. LBI Project No. 20989.

*Leeder JS, Kearns GL. 1997. Pharmacogenetics in pediatrics: Implications for practice. *Pediatr Clin North Am* 44(1):55-77.

LeFaux R, ed. 1968. Practical toxicology of plastics. Cleveland, OH: The Chemical Rubber Co., 137-138, 346-349, 412-419.

*Lehman AJ. 1955. Insect repellents. *Assoc of Food and Drug Officials. Quarterly Bulletin* 19:87-99.

*Leung H-W. 1993. Physiologically-based pharmacokinetic modelling. In: Ballentine B, Marro T, Turner P, eds. *General and applied toxicology*. New York, NY: Stockton Press, 153-164.

*Lewis R. 1993. Dibutylphenyl phosphate. In: Lewis R, ed. *Hawley's condensed chemical dictionary*. New York, NY: Van Nostrand Reinhold Company, 374.

Ligocki MP, Pankow JF. 1985. Assessment of absorption/solvent extraction with polyurethane foam and adsorption/thermal desorption with Tenax-GC for the collection and analysis of ambient organic vapors. *Anal Chem* 57:1138-1144.

9. REFERENCES

- Ligocki MP, Leuenberger C, Pankow JF. 1985. Trace organic compounds in rain-II. Gas scavenging of neutral organic compounds. *Atmos Environ* 19:1609-1617.
- Lindner V. 1991a. Explosives and propellants (explosives). In: Kroschwitz JI, Howe-Grant M, eds. *Kirk-Othmer encyclopedia of chemical technology*. New York, NY: John Wiley & Sons, 21, 56.
- Lindner V. 1991b. Explosives and propellants (propellants). In: Kroschwitz JI, Howe-Grant M, eds. *Kirk-Othmer encyclopedia of chemical technology*. New York, NY: John Wiley & Sons, 69, 115.
- *Lindner V. 1993a. Explosives and propellants (explosives). In: Kroschwitz J, Howe-Grant M, eds. *Kirk-Othmer encyclopedia of chemical technology* 4th ed. New York, NY: John Wiley & Sons, Inc., 21, 56-68.
- *Lindner V. 1993b. Explosives and propellants (propellants). In: Krowschwitz J, Howe-Grant, eds. *Kirk-Othmer encyclopedia of chemical technology* 4th ed. New York, NY: John Wiley & Sons Inc., 69, 115-125.
- *Livingston, AL. 1978. Forage plant estrogens. *J Toxicol Environ Health* 4:301-324.
- Lock EA, Mitchell AM, Elcombe CR. 1989. Biochemical mechanisms of induction of hepatic peroxisome proliferation. *Ann Rev Pharmacol Toxicol* 29:145-163.
- *Lygre H, Solheim E, Gjerdet N, et al. 1993. Leaching of organic additives from dentures in vivo. *Acta Odontol Scand* 51:45-51.
- *Lyman WJ. 1982. Adsorption coefficient for soils and sediments. In: Lyman WJ, Reehl WF, Rosenblatt DH, eds. *Handbook of chemical property estimation methods; Environmental behavior of organic compounds*. New York, NY: McGraw-Hill Book Co., 4-1 - 4-3.
- *MAFF. 1995. Food surveillance information sheet. MAFF-UK - Phthalates in paper and board packaging. Ministry of Agriculture, Fisheries, and Food. <http://www.foodstandards.gov.uk/maff>. October 16, 2000.
- *MAFF. 1996a. Food surveillance information sheet. MAFF-UK - Phthalates in food. Ministry of Agriculture, Fisheries, and Food. <http://www.foodstandards.gov.uk/maff>. October 16, 2000.
- *MAFF. 1996b. Food surveillance information sheet. MAFF-UK - Phthalates in infant formula. Ministry of Agriculture, Fisheries, and Food. <http://www.foodstandards.gov.uk/maff>. October 16, 2000.
- *MAFF. 1998. Food surveillance information sheet. MAFF-UK - Phthalates in infant formula - follow-up survey. Ministry of Agriculture, Fisheries, and Food. <http://www.foodstandards.gov.uk/maff>. October 16, 2000.
- *Matsuda K, Schnitzer M. 1971. Reactions between fulvic acid, a soil humic material and dialkyl phthalates. *Bull Environ Contam Toxicol* 6(3):200-204.
- *Mayr U, Butsch A, Schneider S. 1992. Validation of two in vitro test systems for estrogenic activities with zearalenone, phytoestrogens and cereal extracts. *Toxicology* 74:135-149.

9. REFERENCES

- *McFall JA, Antoine, SR, DeLeon IR. 1985a. Base-neutral extractable organic pollutants in biota and sediments from Lake Pontchartrain. *Chemosphere* 14(10):1561-1569.
- *McFall JA, Antoine SR, DeLeon IR. 1985b. Organics in the water column of Lake Pontchartrain. *Chemosphere* 14(9):1253-1265.
- *Melnick RL, Schiller CM. 1985. Effect of phthalate esters on energy coupling and succinate oxidation in rat liver mitochondria. *Toxicology* 34:13-27.
- *Mes J, Coffin DE, Campbell DS. 1974. Di-*n*-butyl and di-2-ethylhexyl phthalate in human adipose tissue. *Bull Environ Contam Toxicol* 12(6):721-725.
- Metcalf RL. 1991. Insect control technology. In: Kroschwitz JI, Howe-Grant M, eds. *Kirk-Othmer encyclopedia of chemical technology*. New York, NY: John Wiley & Sons, 590, 600.
- *Meylan W, Howard P. 1993. Computer estimation of the atmospheric gas-phase reaction rate of organic compounds with hydroxyl radicals and ozone. *Chemosphere* 26(12):2293-2299.
- Michael LC, Pellizari ED. 1988. Development and evaluation of a procedure for determining volatile organics in water. *Environ Sci Technol* 22:565-570.
- *Milkov LE, Aldyreva MV, Popova TB, et al. 1973. Health status of workers exposed to phthalate plasticizers in the manufacture of artificial leather and films based on PVC resins. *Environ Health Perspect* 3:175-178.
- *Milligan SR, Balasubramanian AV, Kalita JC. 1998. Relative potency of xenobiotic estrogens in an acute *in vivo* mammalian assay. *Environ Health Perspect* 106(1):23-26.
- *Moody DE, Reddy JK, Lake BG, et al. 1991. Peroxisome proliferation and nongenotoxic carcinogenesis: Commentary on a symposium. *Fund Appl Toxicol* 16(2):233-248.
- Morrissey RE, Lamb JC, Schwetz BA, et al. 1988. Association of sperm, vaginal cytology, and reproductive organ weight data with results of continuous breeding reproduction studies in Swiss (CD-1) mice. *Fundam Appl Toxicol* 11:359-371.
- *Morselli PL, Franco-Morselli R, Bossi L. 1980. Clinical pharmacokinetics in newborns and infants: Age-related differences and therapeutic implications. *Clin Pharmacokin* 5:485-527.
- *Murakami K, Nishiyama K, Higuti T. 1986a. Toxicity of dibutyl phthalate and its metabolites in rats. *Nippon Eiseigaku Zasshi (Jpn J Hyg)* 41(4):775-781.
- *Murakami K, Nishiyama K, Higuti T. 1986b. Mitochondrial effect of orally administered dibutyl phthalate in rats. *Nippon Eiseigaku Zasshi (Jpn J Hyg)* 41(4):769-774.
- *Murature DA, Tang SY, Steinhardt G, et al. 1987. Phthalate esters and semen quality parameters. *Biomed Environ Mass Spectrom* 14:473-477.
- *Murray HE, Ray LE, Giam CS. 1981. Analysis of marine sediment, water and biota for selected organic pollutants. *Chemosphere* 10(11/12):1327-1334.

9. REFERENCES

- Mylchreest E, Cattley RC, Foster PMD. 1998a. Di(*n*-butyl) phthalate disrupts prenatal androgen-regulated male reproductive development in a manner different from flutamide. *Toxicologist* 42(1-S):176.
- *Mylchreest E, Cattley RC, Foster PMD. 1998b. Male reproductive tract malformations in rats following gestational and lactational exposure to di(*n*-butyl) phthalate: An antiandrogenic mechanism? *Toxicol Sci* 43:47-60.
- *Mylchreest E, Sar M, Cattley RC, et al. 1999. Disruption of androgen-related male reproductive development by di(*n*-butyl) phthalate during late gestation in rats is different from flutamide. *Toxicol Appl Pharm* 156:81-95.
- *Mylchreest E, Wallace DG, Cattley RC, et al. 2000. Dose-dependent alterations in androgen-regulated male reproductive development in rats exposed to di(*n*-butyl) phthalate during late gestation. *Toxicol Sci* 55:143-151.
- NAS. 1977. Drinking water and health. Washington, DC: National Academy of Sciences.
- *NAS/NRC. 1989. Report of the oversight committee. In: Biologic markers in reproductive toxicology. National Academy of Sciences/National Research Council. Washington, DC: National Academy Press, 15-35.
- NATICH. 1988. NATICH data base report on state, local and EPA air toxics activities. Research Triangle Park, NC: U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards, National Air Toxics Information Clearinghouse. EPA-450/5-88-007. NTIS No. PB 89-106983.
- Natusch DF, Tomkins BA. 1978. Isolation of polycyclic organic compounds by solvent extraction with dimethyl sulfoxide. *Anal Chem* 50:1429-1434.
- Nematollahi J, Guess WL, Autian J. 1967. Plasticizers in medical application. I. Analysis and toxicity evaluation of dialkyl benzenedicarboxylates. *J Pharm Sci* 56:1446-1453.
- Nerín C, Cacho J, Gancedo P. 1993. Plasticizers from printing inks in a selection of food packagings and their migration to food. *Food Addit Contam* 10(4):453-460.
- *NIEHS. 1994. Prestart toxicokinetic study report: Di-*n*-butyl phthalate (DBP) in rodent plasma. Research Triangle Park, NC: National Institute of Environmental Health Sciences. NIH contract no. N01-ES-15307.
- *NIEHS. 1995. Toxicokinetic study report: The Toxicokinetics and metabolism of di-*n*-butyl phthalate. Research Triangle Park, NC: National Institute of Environmental Health Sciences. NIH contract no. NIH contract no. N01-ES-15307.
- *NIH. 1999. Toxicology and environmental health information. National Institute of Health, National Library of Medicine. <http://chem.sis.nlm.nih.gov>. May 23, 1999.
- *Nikonorow M, Mazur H, Piekacz H. 1973. Effect of orally administered plasticizers and polyvinyl chloride stabilizers in the rat. *Toxicol Appl Pharmacol* 26:253-259.

9. REFERENCES

- NIOSH. 1977. Health hazard evaluation/toxicity determination report 76-92-363, Jeffery Bigelow Design Group, Inc., Washington, DC. Cincinnati, OH: National Institute for Occupational Safety and Health. NIOSH-TR-HHE-76-92-36. NTIS No. PB-273913.
- NIOSH. 1985a. NIOSH pocket guide to chemical hazards. Washington, DC: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control, National Institute for Occupational Safety and Health.
- NIOSH. 1985b. Dibutyl phthalate and di(2-ethylhexyl) phthalate - method 5020. In: NIOSH manual of analytical methods. 3rd ed. Cincinnati, OH: National Institute for Occupational Safety and Health.
- *NIOSH. 1988a. National occupational exposure survey. Cincinnati, OH: National Institute for Occupational Safety and Health.
- NIOSH. 1988b. National occupational hazard survey. Cincinnati, OH: National Institute for Occupational Safety and Health.
- *NIOSH. 1994. National occupational exposure survey. Cincinnati, OH: National Institute for Occupational Safety and Health.
- NIOSH. 1995. National occupational exposure survey. Cincinnati, OH: National Institute for Occupational Safety and Health.
- *NIOSH. 1997. National occupational exposure survey. Cincinnati, OH: National Institute for Occupational Safety and Health.
- NIOSH. 1999a. Acute toxicity data. Cincinnati, OH. National Institute for Occupational Safety and Health.
- NIOSH. 1999b. Pocket guide to chemical hazards. Washington DC: National Institute for Occupational Safety and Health, U.S. Department of Health and Human Services.
- *NIOSH. 2001. Pocket guide to chemical hazards. National Institute for Occupational Safety and Health. <http://www.cdc.gov/niosh/npg/npgd0187.html>. January 8, 2001.
- *Nishikawa H, Katami T, Takahara Y, et al. 1992. Emission of organic compounds by combustion of waste plastics involving chloride polymer. *Chemosphere* 25(12):1953-1960.
- NLM. 1988. Chemline. National Library of Medicine, Bethesda, MD. December 1988.
- Norpoth K. 1983. Phthalates. In: Parmeggiani L, ed. *Encyclopedia of occupational health and safety*. 3rd ed. Vol. 2. Geneva, Switzerland: International Labour Office, 1690-1693.
- *NRC. 1993. *Pesticides in the diets of infants and children*. National Research Council. Washington, DC: National Academy Press.
- *NTP. 1984. Di(*n*-butyl) phthalate: Reproduction and fertility assessment in CD-1 mice when administered in the feed. Research Triangle Park, NC: National Institute of Environmental Health Science, National Toxicology Program. NTP 84-411. NTIS No. PB85-144798.

9. REFERENCES

- *NTP. 1995. Toxicity studies of dibutyl phthalate (CAS no. 84-74-2) administered in feed to F344/N and B6C3F1 mice. National Toxicology Program Toxicity Report Series, 30. Research Triangle Park, NC: National Toxicology Program/National Institutes of Health.
- *NTP. 2000. NTP-CERHR expert panel report on di*n*butyl phthalate. Alexandria, VA: Center for the Evaluation of Risks to Human Reproduction, U.S. Department of Health and Human Services, National Toxicology Program. NTP-CERHR-DBP-00.
- *Nyssen GA, Miller ET, Glass TF, et al. 1987. Solubilities of hydrophobic compounds in aqueous-organic solvent mixtures. *Environ Monit Assess* 9:1-11.
- Oehme M. 1985. Negative ion chemical ionization mass spectrometry—a useful technique for the selective detection of polar substituted polycyclic aromatic hydrocarbons with mutagenic properties. *Chemosphere* 14:1285-1297.
- *O'Grady DP, Howard PH, Werner AF. 1985. Activated sludge biodegradation of 12 commercial phthalate esters. *Appl Environ Microbiol* 49(2):443-445.
- Ohta Y, Nakamoto M. 1979. Metabolism of di-*n*-butyl phthalate by *Aeromonas sp.* *Hakko Kogaku Kaishi* 57:50-53.
- *Oishi S, Hiraga K. 1980a. Effect of phthalic acid esters on mouse testes. *Toxicol Lett* 5:413-416.
- *Oishi S, Hiraga K. 1980b. Testicular atrophy induced by phthalic acid esters: Effect on testosterone and zinc concentrations. *Toxicol Appl Pharmacol* 53:35-41.
- Okada S, Tamemasa O. 1978. [Distribution and metabolism of di-(*n*-butyl)-phthalate in mice and its interaction with nucleic acids and proteins.] *Yakugaku Zasshi* 98:1229-1235. (Japanese)
- OSHA. 1989. U.S. Department of Labor. Occupational Safety and Health Administration: Part III. *Federal Register*. 54:2332-2983.
- OSHA. 1998a. Occupational Safety and Health Administration. Code of Federal Regulations. 29 CFR 1910.1000.
- OSHA. 1998b. Occupational Safety and Health Administration. Code of Federal Regulations. 29 CFR 1926.55.
- OSHA. 1998c. Occupational Safety and Health Administration. Code of Federal Regulations. 29 CFR 1915.1000.
- OSHA. 1999. Safety and health regulations for construction: Gases, vapors, fumes, dusts, and mists. Occupational Safety and Health Administration. Code of Federal Regulations. http://www.access.gpo.gov/nara/cfr/waisidx_99/29cfr1926_99.html. February 2, 2001.
- OSHA. 2000a. Occupational safety and health standards: Air contaminants. Occupational Safety and Health Administration. Code of Federal Regulations. http://www.access.gpo.gov/nara/cfr/waisidx_99/29cfr1910a_99.html. February 2, 2001.

9. REFERENCES

- OSHA. 2000b. Occupational safety and health standards for shipyard employment: Air contaminants. Occupational Safety and Health Administration. Code of Federal Regulations. http://www.access.gpo.gov/nara/cfr/waisidx_00/29cfr1915_00.html. February 7, 2001.
- *OSHA. 2001a. Air contaminants. Occupational and Safety & Health Administration. U.S. Department of Labor. Code of Federal Regulations. 29 CFR 1915.1000. http://www.osha.slc.gov/OshStd_data/1915_1000.html. April 5, 2001.
- *OSHA. 2001b. Gases, vapors, fumes, dusts, and mists. Occupational Safety & Health Administration. U.S. Department of Labor. Code of Federal Regulations. 29 CFR 1926.55, Appendix A. http://www.osha.slc.gov/OshStd_toc/OSHA_Std_toc_1926.html. April 5, 2001.
- *OSHA. 2001c. Limits for air contaminants. Occupational and Safety & Health Administration. U.S. Department of Labor. Code of Federal Regulations. 29 CFR 1910.1000, (Table Z-1). http://www.osha-slc.gov/OshStd_data/1910_1000_TABLE_Z-1.html. April 5, 2001.
- *Otson R, Davis C, Fellin P, et al. 1991. Source apportionment for PAH in indoor air (northern climates). In: Cooke M, et al., eds. Polynuclear aromatic hydrocarbons: Measurement, means, and metabolism, International Symposium, 11th ed. Columbus, OH: Battelle Press, 667-685.
- Overcash MR, Weber JB, Miles ML. 1982. Behavior of organic priority pollutants in the terrestrial system: Di-*n*-butyl phthalate ester, toluene, and 2,4-dinitrophenol. Raleigh, NC: North Carolina State University, Water Resources Research Institute. UNC-WRRI-82-171.
- Overturf ML, Druilhet RE, Liehr JG, et al. 1979. Phthalate esters in normal and pathological human kidneys. *Bull Environ Contam Toxicol* 22:536-542.
- *Owen GM, Brozek J. 1966. Influence of age, sex, and nutrition on body composition during childhood and adolescence. In: Falkner F, ed. *Human Development*. Philadelphia, PA: WB Saunders, 222-238.
- Packham RF, Beresford SA, Fielding M. 1981. Health related studies of organic compounds in relation to re-use in the United Kingdom. *Sci Total Environ* 18:167-186.
- Pancorbo OC, Varney TC. 1986. Fate of synthetic organic chemicals in soil-groundwater systems. *Vet Hum Toxicol* 28:127-143.
- *Pankow JF, Ligocki MP, Rosen ME, et al. 1988. Adsorption/thermal desorption with small cartridges for the determination of trace aqueous semivolatile organic compounds. *Anal Chem* 60:40-47.
- Petrasek AC, Kugelman IJ, Austern BM, et al. 1983. Fate of toxic organic compounds in wastewater treatment plants. *J Water Pollut Control Fed* 55(10):1286-1296.
- PHRED. 1988. Public Health Risk Evaluation Database. U.S. Environmental Protection Agency, Washington, DC. March 1988.
- Pizzoli M, Scandola M, Ceccorulli G, et al. 1985. Rate of absorption of di-*n*-butyl phthalate in glassy poly(vinylchloride). *Polym Comm* 26:107-109.
- *Pocius AV. 1991. Adhesives. In: Kroschwitz JI, Howe-Grant M, eds. *Kirk-Othmer encyclopedia of chemical technology*. Vol 1. New York, NY: John Wiley & Sons, 445-466.

9. REFERENCES

- *Popp JA, Marsman DS, Cattley RC, et al. 1989. Hepatocarcinogenicity and peroxisome proliferation. *CIIT Activities* 9(3):1-7.
- *Preston MR, Al-Omaran LA. 1986. Dissolved and particulate phthalate esters in the River Mersey Estuary. *Marine Pollut Bull* 17(12):548-553.
- *Preston MR, Al-Omaran LA. 1989. Phthalate ester speciation in estuarine water, suspended particulates and sediments. *Environ Pollut* 48:183-193.
- *Poulin P, Krishnan K. 1995. An algorithm for predicting tissue: Blood partition coefficients of organic chemicals from *n*-octanol: water partition coefficient data. *J Toxicol Environ Health* 46:117-129.
- *Pugh GJ, Isenberg JS, Kamendulis LM, et al. 2000. Effects of di-isononyl phthalate, di-2-ethylhexyl phthalate, and clofibrate in cynomolgus monkeys. *Toxicol Sci* 2000:181-188.
- *Ramsey JC, Andersen ME. 1984. A physiologically based description of the inhalation pharmacokinetics of styrene in rats and humans. *Toxicol Appl Pharmacol* 73:159-175.
- Rao MS, Reddy JK. 1987. Peroxisome proliferation and hepatocarcinogenesis. *Carcinogenesis* 8:631-636.
- *Rastogi SC. 1998. Gas chromatographic analysis of phthalate esters in plastic toys. *Chromatographia* 47(784):724-726.
- *Ray LE, Murray HE, Giam CS. 1983. Organic pollutants in marine samples from Portland, Maine. *Chemosphere* 12(7/8):1031-1038.
- Reddy JK, Rao MS, Lalwani ND, et al. 1987. Induction of hepatic peroxisome proliferation by xenobiotics. In: Fahimi HD, Sies H, eds. *Peroxisomes in biology and medicine*. Heidelberg, West Germany: Springer-Verlag, 255-262.
- *Rhodes C, Orton TC, Pratt IS, et al. 1986. Comparative pharmacokinetics and subacute toxicity of di(2-ethylhexyl) phthalate (DEHP) in rats and marmosets: Extrapolation of effects in rodents to man. *Environ Health Perspect* 65:299-308.
- Rieger MM. 1991. Cosmetics. In: Kroschwitz JI, Howe-Grant M, eds. *Kirk-Othmer encyclopedia of chemical technology*. New York, NY: John Wiley & Sons, 607, 616.
- *Ritsema R, Cofino WP, Frintrop PLM, et al. 1989. Trace-level analysis of phthalate esters in surface water and suspended particulate matter by means of capillary gas chromatography with electron-capture and mass-selective detection. *Chemosphere* 18(11/12):2161-2175.
- Rosenbaum AS, Axelrad DA, Woodruff TJ, et al. 1999. National estimates of outdoor air toxics concentrations. *J Air Waste Manage Assoc* 49:1138-1152.
- Rowland IR, Cottrell RC, Phillips JC. 1977. Hydrolysis of phthalate esters by the gastro-intestinal contents of the rat. *Food Cosmet Toxicol* 15:17-21.
- *Roy WR. 1994. Groundwater contamination from municipal landfills in the U.S.A.. In: Adriano DC, ed. *Contaminated groundwaters*. Northwood, UK: Sci Rev, 411-446.

9. REFERENCES

- *RTECS. 1999. Registry of Toxic Effects of Chemical Substances. National Institute for Occupational Safety and Health. April 19, 1999.
- *Rubin RJ, Kozumbo W, Kroll R. 1979. Ames mutagenic assay of a series of phthalic acid esters: Positive response of the dimethyl and diethyl esters in TA 100 [Abstract]. *Toxicol Appl Pharmacol* 48:A133.
- *Russell DJ, McDuffie B. 1986. Chemodynamic properties of phthalate esters: partitioning and soil migration. *Chemosphere* 15(8):1003-1021.
- Saido K, Motohashi S, Kuroki T. 1980. Studies on the thermal decomposition of phthalic acid esters. Thermal decomposition of di-*n*-butyl phthalate and analysis of its decomposed products. *Nihon Daigaku Yakugaku Kenkyu Hokoku* 20:1-10.
- *Saillenfait AM, Payan JP, Fabry JP, et al. 1998. Assessment of developmental toxicity, metabolism, and placental transfer of di-*n*-butyl phthalate administered to pregnant rats. *Toxicol Sci* 45:212-224.
- Salthouse TN, Matlaga BF, O'Leary RK. 1973. Microspectrophotometry of macrophage lysosomal enzyme activity: A measure of polymer implant tissue toxicity. *Toxicol Appl Pharmacol* 25:201-211.
- *Sanders HO, Mayer FL, Jr, Walsh DF. 1973. Toxicity, residue dynamics, and reproduction effects of phthalate esters in aquatic invertebrates. *Environ Res* 6:84-90.
- Sandmeyer EE, Kirwin CJ Jr. 1981. Esters. In: Clayton GD, Clayton FE, eds. *Patty's industrial hygiene and toxicology*. 3rd ed. Volume 2A: Toxicology. New York, NY: John Wiley and Sons, 2344-2412.
- Sax NI, Lewis RJ Sr, eds. 1987. *Hawley's condensed chemical dictionary*. 11th ed. New York, NY: Van Nostrand Reinhold Company, 372.
- *Schilling K, Kaufman W, Hildebrand B. 1992. Study on the oral toxicity of dibutyl phthalate in Wistar rats—administration via the diet over 3 months. BASF Corporation. Ludwigshafen, Germany. Microfiche No. OTS0535640; Document ID 86-920000903.
- Schmid P, Schlatter C. 1985. Excretion and metabolism of di(2-ethylhexyl)-phthalate in man. *Xenobiotica* 15(3):251-256.
- *Scholz N, Diefenbach R, Rademacher I, et al. 1997. Biodegradation of DEHP, DBP, and DINP: Poorly water soluble and widely used phthalate plasticizers. *Bull Environ Contam Toxicol* 58:527-534.
- *Schouten MJ, Peereboom JW, Brinkman U. 1979. Liquid chromatographic analysis of phthalate esters in Dutch river water. *Int J Environ Anal Chem* 7:13-23.
- *Schulsinger C, Mollgaard K. 1980. Polyvinyl chloride dermatitis not caused by phthalates. *Contact Dermatitis* 6:477-480.
- *Scott RC, Dugard PH, Ramsey JD, et al. 1987. *In vitro* absorption of some α -phthalate esters through human and rat skin. *Environ Health Perspect* 74:223-227.

9. REFERENCES

- *Seed JL. 1982. Mutagenic activity of phthalate esters in bacterial liquid suspension assays. *Environ Health Perspect* 45:111-114.
- *Setchell BP, Waites GMH. 1975. The blood testis barrier. In: Creep RO, Astwood EB, Geiger SR, eds. *Handbook of Physiology: Endocrinology V*. Washington, DC: American Physiological Society, 143-172.
- Seth PK. 1982. Hepatic effects of phthalate esters. *Environ Health Perspect* 45:27-34.
- Shafer KH, Cooke M, DeRoos F, et al. 1981. WCOT capillary column GC/FT-IR and GC/MS for identifying toxic organic pollutants. *Appl Spectrosc* 35:469-472.
- *Shahin MM, Von Borstel RC. 1977. Mutagenic and lethal effects of alpha-benzene hexachloride, dibutyl phthalate and trichloroethylene in *Saccharomyces cerevisiae*. *Mutat Res* 48:173-180.
- Shanker R, Ramakrishna C, Seth PK. 1985. Degradation of some phthalic acid esters in soil. *Environ Pollut (Series A)* 39:1-7.
- *Shea PJ, Weber JB, Overcash MR. 1982. Uptake and phytotoxicity of di-*n*-butyl phthalate in corn (*Zea mays*). *Bull Environ Contam Toxicol* 29:153-158.
- *Sheldon LS, Hites RA. 1979. Sources and movement of organic chemicals in the Delaware River. *Environ Sci Technol* 13(5):574-579.
- *Shelton DR, Tiedje JM. 1984. General method for determining anaerobic biodegradation potential. *Appl Environ Microbiol* 47(4):850-857.
- *Shibata K, Motooka K, Murata K, et al. 1982. Increase in growth rate and activity of the tryptophan-NAD pathway caused by di-*n*-butyl phthalate in rats fed on a tryptophan-limited diet. *J Nutr Sci Vitaminol* 28:173-177.
- Shibko SI, Blumenthal H. 1973. Toxicology of phthalic acid esters used in food-packaging material. *Environ Health Perspect* 3:131-137.
- *Shiota K, Nishimura H. 1982. Teratogenicity of di(2-ethylhexyl) phthalate (DEHP) and di-*n*-butyl phthalate (DBP) in mice. *Environ Health Perspect* 45:65-70.
- Shiota K, Chou MJ, Nishimura H. 1980. Embryotoxic effects of di-2-ethylhexyl phthalate (DEHP) and di-*n*-butyl phthalate (DBP) in mice. *Environ Res* 22:245-253.
- *Shiu WY, Ma KC, Mackay D, et al. 1990. Solubilities of pesticide chemicals in water part II: Data compilation. *Rev Environ Contam Toxicol* 116:15-187.
- Shono T, Suita S. 2000. Letter to the editor. *Toxicol Appl Pharmacol* 164:336.
- Shono T, Kai H, Suita S, et al. 2000. Time-specific effects of mono-*n*-butyl phthalate on the transabdominal descent of the testis in rat fetuses. *BJU Int* 86(1):121-125.
- *Short RD, Robinson EC, Lington AW, et al. 1987. Metabolic and peroxisome proliferation studies with di(2-ethylhexyl)phthalate in rats and monkeys. *Toxicol Ind Health* 3(1):185-195.

9. REFERENCES

- Singh AR, Lawrence WH, Autian J. 1972. Teratogenicity of phthalate esters in rats. *J Pharm Sci* 61:51-55.
- Singh AR, Lawrence WH, Autian J. 1973. Embryonic-fetal toxicity and teratogenic effects of adipic acid esters in rats. *J Pharm Sci* 62:1596-1600.
- Sittig M, ed. 1985. Handbook of toxic and hazardous chemicals and carcinogens. 2nd ed. Park Ridge, NJ: Noyes Publications, 311-312.
- *Smith CC. 1953. Toxicity of butyl stearate, dibutyl sebacate, dibutyl phthalate, and methoxyethyl oleate. *AMA Arch Ind Hyg Occup Med* 7:310-318.
- *Smith RM. 1988. Supercritical fluid chromatography. *Anal Chem* 60(24):1394A.
- SRI. 1985. Directory of chemical producers. Stanford Research Institute. United States of America. Menlo Park, CA: SRI International, 799.
- SRI. 1986. Directory of chemical producers. Stanford Research Institute. United States of America. Menlo Park, CA: SRI International, 9055.
- SRI. 1987. Directory of chemical producers. Stanford Research Institute. United States of America. Menlo Park, CA: SRI International, 889.
- SRI. 1988. Directory of chemical producers. Stanford Research Institute. United States of America. Menlo Park, CA: SRI International, 870.
- *SRI. 1998. Directory of chemical producers. Stanford Research Institute. United States of America. Menlo Park, CA: SRI International, 870.
- *SRI. 2000. Directory of chemical producers. Stanford Research Institute. United States of America. Menlo Park, CA: SRI International.
- *Srivastava S, Singh GB, Srivastava SP, et al. 1990. Testicular toxicity of di-*n*-butyl phthalate in adult rats: Effect on marker enzymes of spermatogenesis. *Indian J Exp Biol* 28:67-70.
- Stahlschmidt-Allner P, Allner B, Rombke J, et al. 1997. Endocrine disrupters in the aquatic environment. *Environ Sci Pollut Res Int* 4:155-162
- *Stalling DL, Hogan JW, Johnson JL. 1973. Phthalate ester residues—their metabolism and analysis in fish. *Environ Health Perspect* 3:159-173.
- Staples CA, Parkerton TF, Peterson DR. 2000. A risk assessment of selected phthalate esters in North American and Western European surface waters. *Chemosphere* 40:885-891.
- *Staples C, Peterson D, Parkerton T, et al. 1997. The environmental fate of phthalate esters: A literature review. *Chemosphere* 35(4):667-749.
- *STAPPA/ALAPCO. 1999. State and Territorial Air Pollution Program Administrators/Association of Local Air Pollution Control Officials. Washington, D.C. <http://www.4cleanair.org/states.html#NorthC>. May 6, 1999.

9. REFERENCES

- Steen WC, Paris DF, Baughman GL. 1980. Effects of sediment sorption on microbial degradation of toxic substances. *Contaminants and Sediments* 1:477-482.
- Streufert JM, Jones JR, Sanders HO. 1980. Toxicity and biological effects of phthalate esters on midges (*Chironomus plumosus*). *Trans Mo Acad Sci* 14:33-40.
- Stott WT. 1988. Chemically induced proliferation of peroxisomes: Implications for risk assessment. *Regul Toxicol Pharmacol* 8:125-159.
- *Stubin A, Bronsnan T, Porter K, et al. 1996. Organic priority pollutants in New York City municipal wastewaters: 1989-1993. *Water Environ Res* 68(6):1037-1044.
- Sugawara N. 1974. Toxic effect of a normal series of phthalate esters on the hatching of shrimp eggs. *Toxicol Appl Pharmacol* 30:87-89.
- *Sullivan KF, Atlas EL, Giam C-S. 1982. Adsorption of phthalic acid esters from seawater. *Environ Sci Technol* 16:428-432.
- *Swann R, Laskowski D, McCall P, 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* 85:18-28.
- *Swartz RC, Schults DW, Ditsworth GR, et al. 1983. Sediment toxicity, contamination, and macrobenthic communities near a large sewage outfall. In: Boyle TP, ed. *Validation and predictability of laboratory methods for assessing the fate and effects of contaminants in aquatic ecosystems*. Philadelphia, PA: ASTM, 152-175.
- Tabak HH, Quave SA, Mashni CI, et al. 1981. Biodegradability studies with organic priority pollutant compounds. *J Water Pollut Control Fed* 53:1503-1518.
- Tagatz ME, Plaia GR, Deans CH. 1986. Toxicity of dibutyl phthalate-contaminated sediment to laboratory- and field-colonized estuarine benthic communities. *Bull Environ Contam Toxicol* 37:141-150.
- *Takahashi T, Tanaka A. 1989. Biochemical studies on phthalic esters. V. Comparative studies on in vitro hydrolysis of di-*n*-butyl phthalate isomers in rats. *Arch Toxicol* 63:72-74.
- *Tanaka A, Matsumoto A, Yamaha T. 1978. Biochemical studies on phthalic esters. III. Metabolism of dibutyl phthalate (DBP) in animals. *Toxicology* 9:109-123.
- *Tanino M, Ikemoto I, Tanaka A. 1987. Enzyme levels in rat testis damaged experimentally with dibutyl phthalate. *Jikeikai Med J* 34:245-252.
- Tavares IA, Vine ND. 1985. Phthalic acid esters inhibit arachidonate metabolism by rat peritoneal leucocytes. *J Pharm Pharmacol* 37:67-68.
- Tavares IA, Bennett A, Gaffen JD, et al. 1984. The biological activities of phthalate esters on rat gastric muscle. *Eur J Pharmacol* 106:449-452.
- Taylor BF, Curry RW, Corcoran EF. 1981. Potential for biodegradation of phthalic acid esters in marine regions. *Appl Environ Microbiol* 42(4):590-595.

9. REFERENCES

- Tesk JA, Antonucci JM, Eichmiller FC, et al. 1991. Dental materials. In: Kroschwitz JI, Howe-Grant M, eds. Kirk-Othmer encyclopedia of chemical technology. New York, NY: John Wiley & Sons, 1002, 1014.
- *Tesk JA, Antonucci J, Eichmiller F, et al. 1993. Dental materials. In: Kroschwitz, ed. Kirk-Othmer encyclopedia of chemical technology. New York, NY: John Wiley & Sons Inc., 1002-1022
- Thomas JA, Wienckowski DB, Gillies BA, et al. 1986. Effects of phthalic acid esters (PAEs) on the neonate and aspects of teratogenic actions. *Environ Health Perspect* 65:243-248.
- *Thurén A. 1986. Determination of phthalates in aquatic environments. *Bull Environ Contam Toxicol* 36:33-40.
- *Thurén A, Larsson P. 1990. Phthalate esters in the Swedish atmosphere. *Environ Sci Technol* 24:554-559.
- Timofievskaya LA, Balynina ES. 1979. [Neurotoxic action of some o-phthalic acid esters.] *Toksikol Nov Prom Khim Veshchestv* 15:123-128. (Russian)
- *Towae,FK, Enke,W,J, Jäckh,R, Bhargava,N. 1992. Phthalic acid and derivatives. In: Elvers B, Hawkins S, Schultz G, eds. Ullmann's encyclopedia of industrial chemistry. 5th ed., Volume A20. Weinheim, Germany: VCH Verlagsgesellschaft, 439-457.
- TRI96. 1999. Toxic Chemical Release Inventory. National Library of Medicine, national Toxicology Information Program, Bethesda, MD.
- *TRI98. 2000. TRI Explorer: Providing access to EPA's toxics release inventory data. Washington, DC: Office of Information Analysis and Access, Offices of Environmental Information. U.S. Environmental Protection Agency. Toxic Release Inventory. <http://www.epa.gov/triexplorer/>. May 16, 1999.
- *TRI99. 2001. TRI Explorer: Providing access to EPA's toxics release inventory data. Washington, DC: Office of Information Analysis and Access, Offices of Environmental Information, U.S. Environmental Protection Agency. Toxic Release Inventory. <http://www.epa.gov/triexplorer/>. May 15, 2001.
- *UATW. 1999. Unified Air Toxics Website. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. <http://www.epa.gov/ttnuatw1/uatwn.html>. May 6, 1999.
- Urushigawa Y, Yonezawa Y. 1979. Chemico-biological interactions in biological purification systems: VI. Relation between biodegradation rate constants of di-n-alkyl phthalate esters and their retention times in reverse phase partition chromatography. *Chemosphere* 8:317-320.
- *USC. 2001. Hazardous air pollutants. U.S. Code. 42USC4712. <http://www.4law.cornell.edu/uscode/42/7412.text.html>. April 4, 2001.
- USDC. 1994. United States Department of Commerce. U.S. merchandise trade: exports, general imports, and imports for consumption: January 1994. FT925/94-1.

9. REFERENCES

- *USITC. 1980. Synthetic organic chemicals- United States production and sales, 1979. Washington, DC: U.S. International Trade Commission. USITC Pub. No. 1099.
- *USITC. 1981. Synthetic organic chemicals- United States production and sales, 1980. Washington, DC: U.S. International Trade Commission. USITC Pub. No. 1183.
- *USITC. 1982. Synthetic organic chemicals- United States production and sales, 1981. Washington, DC: U.S. International Trade Commission. USITC Pub. No. 1292.
- *USITC. 1983. Synthetic organic chemicals- United States production and sales, 1982. Washington, DC: U.S. International Trade Commission. USITC Pub. No. 1422.
- *USITC. 1984. Synthetic organic chemicals- United States production and sales, 1983. Washington, DC: U.S. International Trade Commission. USITC Pub. No. 1588.
- *USITC. 1985. Synthetic organic chemicals- United States production and sales, 1984. Washington, DC: U.S. International Trade Commission. USITC Pub. No. 1745.
- *USITC. 1986a. Synthetic organic chemicals- United States production and sales, 1985. Washington, DC: U.S. International Trade Commission. USITC Pub. No. 1892.
- *USITC. 1986b. Synthetic organic chemicals- United States production and sales, 1986. Washington, DC: U.S. International Trade Commission. USITC Pub. No. 2009.
- *USITC. 1987. Synthetic organic chemicals- United States production and sales, 1987. Washington, DC: U.S. International Trade Commission. USITC Pub. No. 2118.
- *USITC. 1988. Synthetic organic chemicals - United States production and sales, 1987. Washington, DC: U.S. International Trade Commission. USITC Pub. No. 2219.
- *USITC. 1989. Synthetic organic chemicals - United States production and sales, 1989. Washington, DC: U.S. International Trade Commission. USITC Pub. No. 2338.
- *USITC. 1990. Synthetic organic chemicals - United States production and sales, 1990. Washington, DC: U.S. International Trade Commission. USITC Pub. No. 2470.
- *USITC. 1991. Synthetic organic chemicals - United States production and sales, 1991. Washington, DC: U.S. International Trade Commission. USITC Pub. No. 2607.
- *USITC. 1992. Synthetic organic chemicals - United States production and sales, 1992. Washington, DC: U.S. International Trade Commission. USITC Pub. No. 2720.
- *USITC. 1993. Synthetic organic chemicals - United States production and sales, 1993. Washington, DC: U.S. International Trade Commission. USITC Pub. No. 2810.
- *USITC. 1994. Synthetic organic chemicals- United States production and sales, 1994. Washington, DC: U.S. International Trade Commission. USITC Pub. No. 2810.
- *USITC. 1995. Synthetic organic chemicals- United States production and sales, 1994. Washington, DC: U.S. International Trade Commission. USITC Pub. No. 2810.

9. REFERENCES

- van Wezel AP, van Vlaardigen P, Posthumus R, et al. 2000. Environmental risk limits for two phthalates, with special emphasis on endocrine disruptive properties. *Ecotoxicol Environ Saf* 46:305-321.
- Verschueren K, ed. 1983. Handbook of environmental data on organic chemicals. 2nd ed. New York, NY: Van Nostrand Reinhold Company, 468-471.
- *Verschueren K, ed. 1996. Dibutylphenylphosphate. In: Handbook of environmental data on organic chemicals 3rd ed. New York, NY: Van Nostrand Reinhold, 641-646.
- Vicedo JL, Pellin M, Vilanova E. 1985. Phthalates and organophosphorus compounds as cholinesterase inhibitors in fractions of industrial hexane impurities. *Arch Toxicol* 57:46-52.
- *Vieira I, Sonnier M, Cresteil T. 1996. Developmental expression of CYP2E1 in the human liver: Hypermethylation control of gene expression during the neonatal period. *Eur J Biochem* 238:476-483.
- VIEW Database. 1989. Agency for Toxic Substances and Disease Registry (ATSDR), Office of External Affairs, Exposure and Disease Registry Branch, Atlanta, GA. June 20, 1989.
- Virgin HI. 1988. Accumulation of di-*n*-butyl phthalate in plants and its effect on pigment and protein content. *Physiologia Plantarum* 72:190-196.
- Wahl HG, Hoffmann A, Häring H-U, et al. 1999. Identification of plasticizers in medical products by a combined direct thermodesorption-cooled injection system and gas chromatography-mass spectrometry. *J Chromatogr A* 847:1-7.
- Wallace D. 1999. Consumer exposures to plasticizers and other migrants. *Organohalogen Compounds* 44:285-288.
- Walseth F, Nilsen OG. 1981. Reversibility of the effects of dibutyl phthalate (DBP) on rat liver and lung microsomal enzyme activities and serum protein levels. *Acta Pharmacol Toxicol* 49(Part 1):90.
- *Walseth F, Nilsen OG. 1984. Phthalate esters: II. Effects of inhaled dibutyl phthalate on cytochrome P-450 mediated metabolism in rat liver and lung. *Arch Toxicol* 55:132-136.
- *Walseth F, Nilsen OG. 1986. Phthalate esters: Effects of orally administered dibutylphthalate on cytochrome P-450 mediated metabolism in rat liver and lung. *Acta Pharmacol Toxicol* 59:263-269.
- *Walters SM. 1986. Cleanup of samples. In: Zweig G, Sherma J, eds. Analytical methods for pesticides and plant growth regulators. Vol 15. Principles, statistics, and applications. New York, NY: Academic Press, Inc., 67-110.
- Wang Z, Zhang Y. 1989. [The study of toxicity of DBP to testis in rats. I. Target cell and time-effect relation.] *Weisheng Dulixue Zazhi* 3:25-28. (Chinese).
- Ward JA. 1990. Studies of age-related testicular and reproductive endocrine toxicity of di-*n*-butyl phthalate in rats (testicular atrophy). [Abstract]. *Diss Abstr Int B* 52:782.
- Weast RC, ed. 1985. CRC handbook of chemistry and physics. Boca Raton, FL: CRC Press Inc., C-430.

9. REFERENCES

- *Weiss G, ed. 1986. Dibutyl phthalate. In: Hazardous Chemicals Data Book 2nd ed. Park Ridge, NJ: Noyes Data Corporation, 347.
- *Weschler C, Sheilds H, Rainer D. 1990. Concentrations of volatile organic compounds at a building with health and comfort complaints. *Am Ind Hyg Assoc J* 51(5):261-268.
- *West JR, Smith HW, Chasis H. 1948. Glomerular filtration rate, effective renal blood flow, and maximal tubular excretory capacity in infancy. *J Pediatr* 32:10-18.
- White RD, Carter DE, Earnest D, et al. 1980. Absorption and metabolism of three phthalate esters by the rat small intestine. *Food Cosmet Toxicol* 18:383-386.
- *White RD, Earnest DL, Carter DE. 1983. The effect of intestinal esterase inhibition on the *in vivo* absorption and toxicity of di-*n*-butyl phthalate. *Food Chem Toxicol* 21(1):99-101.
- *Widdowson EM, Dickerson JWT. 1964. Chapter 17: Chemical composition of the body. In: Comar CL, Bronner F, eds. *Mineral metabolism: An advanced treatise. Volume II: The elements Part A.* New York, NY: Academic Press, 1-247.
- *Wieboldt RC, Adams GE, Later DW. 1988. Sensitivity improvement in infrared detection for supercritical fluid chromatography. *Anal Chem* 60:2422-2427.
- Wilbourn J, Montesano R. 1982. An overview of phthalate ester carcinogenicity testing results: The past. *Environ Health Perspect* 45:127-128.
- Wilkinson SM, Beck MH. 1992. Allergic contact dermatitis from dibutyl phthalate, propyl gallate and hydrocortisone in Timodine. *Contact Dermatitis* 27:197.
- *Williams DT. 1973. Dibutyl- and di-(2-ethylhexyl) phthalate in fish. *J Agric Food Chem* 21(6):1128-1129.
- *Williams DT, Blanchfield BJ. 1975. The retention, distribution, excretion and metabolism of dibutyl phthalate-7-¹⁴C in the rat. *J Agric Food Chem* 23(5):854-858.
- Windholz M, Budavari S, eds. 1983. *The Merck index: An encyclopedia of chemicals, drugs, and biologicals.* 10th ed. Rahway, NJ: Merck and Company, Inc., 219.
- Wine R, Li L, Barnes L, et al. 1997. Reproductive toxicity of di-*n*-butyl phthalate in a continuous breeding protocol in Sprague-Dawley rats. *Environ Health Perspect* 105:102-107.
- *Wisconsin DNR. 2001. Draft working list: September 2000 NR 445 chemicals list. Wisconsin Department of Natural Resources. <http://www.dnr.state.wi.us/org/aw/air/hot/nr445rev/draftchemlist092000.xls>. February 8, 2001.
- *Wofford HW, Wilsey CD, Neff GS, et al. 1981. Bioaccumulation and metabolism of phthalate esters by oysters, brown shrimp, and sheepshead minnows. *Ecotoxicol Environ Saf* 5:202-210.
- Wolfe NL, Burns LA, Steen WC. 1980b. Use of linear free energy relationships and an evaluative model to assess the fate and transport of phthalate esters in the aquatic environment. *Chemosphere* 9:393-402.

9. REFERENCES

- Wolfe NL, Paris DF, Steen WC, et al. 1980a. Correlation of microbial degradation rates with chemical structure. *Environ Sci Technol* 14:1143-1146.
- Yamamoto S, Nakadate T, Aizu E, et al. 1990. Anti-tumor promoting action of phthalic acid mono-*n*-butyl ester cupric salt, a biomimetic superoxide dismutase. *Carcinogenesis* 11:749-754.
- Yanagita T, Enomoto N, Kuzuhara S. 1986. Effects of phthalate esters on liver lysosomal acid lipase and acid esterase *in vitro*. *Agric Biol Chem* 50:1653-1654.
- Young LY, O'Connor O, Rivera MD. 1986. Toxic organic chemicals in waste streams: Anaerobic bioconversion to methane. Washington, DC: U.S. Department of Energy. DOE/CE/40657-1.
- *Zacharewski TR, Meek MD, Clemons JH, et al. 1998. Examination of the *in Vitro* and *in Vivo* estrogenic activities of eight commercial phthalate esters. *Toxicol Sci* 46:282-293.
- *Zeiger E, Haworth S, Mortelmans K, et al. 1985. Mutagenicity testing of di (2-ethylhexyl) phthalate and related chemicals in *Salmonella*. *Environ Mutagen* 7:213-232.
- Zeiger E, Haworth S, Speck W. 1982. Phthalate ester testing in the National Toxicology Program's environmental mutagenesis test development program. *Environ Health Perspect* 45:99-101.
- *Zhou Y, Fukuoka M, Tanaka A. 1990. Mechanisms of testicular atrophy induced by di-*n*-butyl phthalate in rats. Part 3. Changes in the activity of some enzymes in the sertoli and germ cells, and in the levels of metal ions. *J Appl Toxicol* 10(6):447-453.
- *Ziegler E, Edwards BB, Jensen RL et al. 1978. Absorption and retention of lead by infants. *Pediatr Res* 12:29-34.
- Zlatkis A, Kim K. 1976. Column elution and concentration of volatile compounds in biological fluids. *J Chromatogr* 126:475-485.