9. REFERENCES

*Abe S, Sasaki M. 1977. Chromosome aberrations and sister chromatid exchanges in Chinese hamster cells exposed to various chemicals. J Natl Cancer Inst 58:1635-1641.

ACGIH. 1990. Threshold limit values for chemical substances and physical agents and biological exposure indices. American Conference of Governmental Industrial Hygienists. Cincinnati, OH.

ACGIH. 1999. American Conference of Governmental Industrial Hygienists. TLVs and BELs: Threshold limit values for chemical substances and physical agents, 32. Cincinnati, OH.

*ACGIH. 2001. Threshold limit values for chemical substances and physical agents and biological exposure indices. American Conference of Governmental Industrial Hygienists. Cincinnati, OH.

Acott PD, Murphy MG, Ogborn MR, et al. 1987. Measurement of phthalates in small samples of mammalian tissue. Bull Environ Contam Toxicol 38:363-368.

*Adinehzadeh M, Reo NV. 1998. Effects of peroxisome proliferators on rat liver phospholipids Sphingomyelin degradation may be involved in hepatotoxic mechanism of perfluorodecanoic acid. Chem Res Toxicol 11:428-440.

*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. 1986. [Letters to the editor.] Toxicol Appl Pharmacol 83:383-387.

Agarwal DK, Agarwal S, Seth PK. 1982a. Effect of di(2-ethylhexyl)phthalate on drug metabolism, lipid peroxidation, and sulfhydryl content of rat liver. Drug Metab Dispos 10:77-80.

*Agarwal DK, Agarwal S, Seth PK. 1982b. Interaction of di-(2-ethylhexyl) phthalate with the pharmacological response and metabolic aspects of ethanol in mice. Biochem Pharmacol 31(21):3419-3423.

*Agarwal DK, Eustis S, Lamb JC, et al. 1986. Effects of di-(2-ethylhexyl)phthalate on the gonadal pathophysiology, sperm morphology, and reproductive performance of male rats. Environ Health Perspect 65:343-350.

*Ahmed RS, Price SC, Grasso P, et al. 1989. Effects of intermittent feeding of rats with di-2-ethylhexylphthalate. Biochem Soc Trans 17:1073-1074.

*AK DEC. 1999. Alaska Department of Environmental Conservation. Drinking water. http://www.state.ak.us/local/akpages/ENV.CONSERV/title18/18aacdn1.htm. May 31, 2000.

*Cited in text

Alarie Y, Iwasaki M, Stock MF, et al. 1989. Effects of inhaled municipal refuse incinerator fly ash in the guinea pig. J Toxicol Environ Health 28:13-25.

*Albro PW. 1986. Absorption, metabolism and excretion of di(2-ethylhexyl)phthalate by rats and mice. Environ Health Perspect 65:293-298.

*Albro PW, Corbett JT. 1978. Distribution of di-mono-(II-ethylhexyl) phthalate in human plasma. Transfusion 18:750-755.

*Albro PW, Chapin RE, Corbett JT, et al. 1989. Mono-2-ethylhexyl phthalate, a metabolite of di-(2-ethylhexyl)phthalate, causally linked to testicular atrophy in rats. Toxicol Appl Pharmacol 100:193-200.

*Albro PW, Corbett JT, Schroeder JL, et al. 1982a. Pharmacokinetics, interactions with macromolecules and species differences in metabolism of DEHP. Environ Health Perspect 45:19-25.

*Albro PW, Corbett JT, Schroeder JL, et al. 1987. Beta-oxidation of 2-ethyl-5-carboxypentyl phthalate in rodent liver. Biochim Biophys Acta 923:196-205.

Albro PW, Hass JR, Peck CC, et al. 1981. Identification of the metabolites of di(2-ethylhexyl)phthalate in urine from the African green monkey. Drug Metab Dispos 9:223-225.

*Albro PW, Hass JR, Peck CC, et al. 1982b. Applications of isotope differentiation for metabolic studies with di(2-ethylhexyl)phthalate. J Environ Sci Health B 17:701-714.

*Albro PW, Jordan S, Gorbett 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.

*Albro PW, Tondeur I, Marbury D, et al. 1983. Polar metabolites of di(2-ethylhexyl)phthalate in the rat. Biochim Biophys Acta 760:283-292.

Aldrich. 1987. Aldrich chemical catalog. Aldrich Chemical Company.

*Al-Omran LA, Preston MR. 1987. The interactions of phthalate esters with suspended particulate material in fresh and marine waters. Environmental Pollution 46:177-186.

*Altman PL, Dittmer DS. 1974. In: Biological handbooks: Biology data book. Vol. III. 2nd ed. Bethesda, MD: Federation of American Societies for Experimental Biology, 1987-2008, 2041.

*Andersen ME, Krishnan 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: Marcel Dekker, Inc., 9-25.

*Andersen ME, Clewell HJ III, Gargas ML, et al. 1987. Physiologically based pharmacokinetics and the risk assessment process for methylene chloride. Toxicol Appl Pharmacol 87:185-205.

Anderson HR, Nielsen JB, Grandjean P. 2000. Toxicologic evidence of developmental neurotoxicity of environmental chemicals. Toxicology 144:121-127.

*Anderson SP, Cattley RC, Corton JC. 1999. Hepatic expression of acute-phase protein genes during carcinogenesis induced by peroxisome proliferators. Mol Carcinog 26:226-238.

*APHA. 1989. Standard methods for the examination of water and wastewater. 17th ed. Washington, DC: American Public Health Association.

*Arcadi FA, Costa C, Imperatore C, et al. 1998. Oral toxicity of bis(2-ethylhexyl) phthalate during pregnancy and suckling in the Long-Evans rat. Food Chem Toxicol 36:963-970.

Arcos JC, Woo Y-T, Lai DY. 1988. Database on binary combination effects of chemical carcinogens. J Environ Sci Health Part C Environ Carcinog Rev V-XIV, 1-150.

Ashby J. 1986. The prospects for a simplified and internationally harmonized approach to the detection of possible human carcinogens and mutagens. Mutagenesis 1:3-16.

*Ashby J, Brady A, Elcombe CR, et al. 1994. Summary. Hum Exp Toxicol 13(Suppl 2):S1-S117.

Ashby J, de Serres FJ, Draper M, et al. 1985. Overview and conclusions of the IPCS collaborative study on in vitro assay systems. Progress in Mutation Research 5:117-174.

*Astill BD. 1989. Metabolism of DEHP: Effects of prefeeding and dose variation, and comparative studies in rodents and the Cynomolgus monkey (CMS studies). Drug Metab Rev 21:35-53.

*Astill D, Barber E, Lington A, et al. 1986. Chemical industry voluntary test program for phthalate esters: Health effects study. Environ Health Perspect 65:329-336.

*Atlas E, Giam CS. 1981. Global transport of organic pollutants: Ambient concentrations in the remote marine atmosphere. Science 211:163-165.

*ATSDR. 1989. Agency for Toxic Substances and Disease Registry. Decision guide for identifying substance-specific data needs related to toxicological profiles; Notice. Federal Register 54(174):37618-37634.

*Autian J. 1982. Antifertility effects and dominant lethal assays for mutagenic effects of DEHP. Environ Health Perspect 45:115-118.

Badr MZ, Handler JA, Whittaker M, et al. 1990. Interactions between plasticizers and fatty acid metabolism in the perfused rat liver and *in vivo*: Inhibition of ketogenesis by 2-ethylhexanol. Biochem Pharmacol 39:715-722.

Bailey GL. 1977. The sick kidney and sex. New Engl J Med 296:1288-1289.

Baker RW. 1978. Gel filtration of phthalate esters. J Chromatogr 154:3-11.

Bannai M, Mazda T, Ishikawa Y, et al. 1987. The effect of di-(2-ethylhexyl)phthalate, a chemical leached from blood bags on platelet adenosine diphosphate aggregability. Chem Pharm Bull 35:4328-4331.

*Barber ED, Astill BD, Moran EJ, et al. 1987. Peroxisome induction studies on seven phthalate esters. Toxicol Ind Health 3:7-24.

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 Appl Toxicol 20:69-80.

*Barber ED, Fox JA, Giordano CJ. 1994. Hydrolysis, absorption and metabolism of di(2-ethylhexyl) terephthalate in the rat. Xenobiotica 24(5):441-450.

*Barber ED, Teetsel NM, Kolberg KF, et al. 1992. A comparative study of the rates of in vitro percutaneous absorption of eight chemicals using rat and human skin. Fund Appl Toxicol 19:493-497

*Barnes DG, Dourson M. 1988. Reference dose (RfD): Description and use in health risk assessments. Regul Toxicol Pharmacol 8:471-486.

*Barrows ME, Tetrocelli SR, Macek KJ, et al. 1980. Bioconcentration and elimination of selected water pollutants by bluegill sunfish (*Lepomis macrochirus*). In: Haque R, ed. Dynamics, exposure and hazard assessment of toxic chemicals. Ann Arbor, MI: Ann Arbor Science Publishers, Inc., 379-393.

*Barry YA, Labow RS, Keon WJ, et al. 1989. Perioperative exposure to plasticizers in patients undergoing cardiopulmonary bypass. J Thorac Cardiovasc Surg 97:900-905.

*Barry YA, Labow RS, Keon WJ, et al. 1990. Atropine inhibition of the cardiodepressive effect of mono(2-ethylhexyl)phthalate on human myocardium. Toxicol Appl Pharmacol 106:48-52.

*Bartles JR, Khoun S, Lin X, et al. 1990. Peroxisome proliferator-induced alterations in the expression and modification of rat hepatocyte plasma membrane proteins. Cancer Res 506:669-676.

*Bauer MJ, Herrmann R. 1997. Estimation of the environmental contamination by phthalic acid esters leaching from household wastes. Sci Total Environ 208:49-57.

Bauer MJ, Hermann R, Martin A, et al. 1998. Chemodynamics, transport behaviour and treatment of phthalic acid esters in municipal landfill leachates. Water Sci Technol 38(2):185-192.

*Bell FP. 1980. Effect of di-2-ethylhexyl phthalate in the female rat: Inhibition of hepatic and adrenal sterologenesis *in vitro*. Bull Environ Contam Toxicol 24:54-58.

*Bell FP. 1982. Effects of phthalate esters on lipid metabolism in various tissues, cells and organelles in mammals. Environ Health Perspect 45:41-50.

*Bell FP, Buthala DA. 1983. Biochemical changes in liver of rats fed the plasticizer di(2-ethylhexy)phthalate. Bull Environ Contam Toxicol 21:177-182.

Benford DJ, Patel S, Reavy HJ, et al. 1986. Species differences in the response of cultured hepatocytes to phthalate esters. Food Chem Toxicol 24:799-800.

*Bentley P, Calder I, Elcombe C, et al. 1993. Hepatic peroxisome proliferation in rodents and its significance for humans. Food Chem Toxicol 31(11):857-907.

*Berger GS. 1994. Epidemiology of endometriosis. In: Berger GS, ed. Endometriosis: Advanced management and surgical techniques. New York, NY: Springer-Verlag.

*Berman E, Schlicht M, Moser VC, et al. 1995. A multidisciplinary approach to toxicological screening: I. Systemic toxicity. J Toxicol Environ Health 45:127-143.

Berman FP, Hbert EV. 1995. A multidisciplinary approach to toxicological screening: I. Systemic toxicity. J Toxicol Environ Health 108:979-982.

Bickers DR, Dutta-Choudhury T, Mukhtar H. 1982. Epidermis: A site of drug metabolism in neonatal rat skin. Studies on cytochrome P-450 content and mixed-function oxidase and epoxide hydrolase activity. Mol Pharmacol 21:239-247.

Birnbaum LS. 1987. Age-related changes in carcinogen metabolism. J Am Geriatr Soc 35:51-60.

Bledon RJ, Desroches CM, Benson JM. 2001. CDC reports higher levels of other phthalates than of DEHP in humans, despite greater environmental exposure. Am J Health-Syst Pharm 58:857-858.

*Blom A, Ekman E, Johannisson A, et al. 1998. Effects of xenoestrogenic environmental pollutants on the proliferation of a human breast cancer cell line (MCF-7). Arch Environ Contam Toxicol 34:306-310.

*Blount BC, Silva MJ, Caudill SP, et al. 2000a. Levels of seven urinary phthalate metabolites in a human reference population. Environ Health Perspect 108(1):979-982.

*Blount BC, Blount K, Milgtam E et al. 2000b. Quantitative detection of phthalate metabolites in human urine HPLC-APCi-MS/MS. Anal Chem 72:4127-4134.

*Bluthgen A. 2000. Organic migration agents into milk at farm level (illustrated with diethylhexyl phthalate). Bull Int Dairy Fed 356:39-42.

*BNA. 2001. Environment and Safety Library on the Web. States and Territories. Washington, D.C: http://www.esweb.bna.com/. Bureau of National Affairs, Inc.

*Boekelheide K, Lee J, Shipp EB, et al. 1998. Expression of Fas system-related genes in the testis during development and after toxicant exposure. Toxicol Lett 102-103:503-508.

*Bommer J, Ritz E, Andrassy K. 1985. Side effects due to material used in hemodialysis equipment. In: Grunfeld JP, Maxwell MH, eds. Advances in nephrology. Chicago, IL: Year Book Publishing, 409-431.

Booker SM. 2001. NTP center reports on phthalate concerns. Environ Health Perspect 109(6):A260-A261

Bove JL, Dalven T. 1981. A GC/MF method of determining airborne di-*n*-butyl-di-(2-ethylhexyl)phthalate. 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 City air sampling stations. Int J Environ Anal Chem 5:189-194.

*Boylan JL, Egle JL, Guzelian PD. 1978. Cholestyramine: Use as a new therapeutic approach for chlordecone (kepone) poisoning. Science 199:893-895.

Branson DR. 1980. Prioritization of chemicals according to degree of hazard in the aquatic environment. Environ Health Perspect 34:133-138.

Bridges JW. 1986. Use of toxicity data - a case study of di-(2-ethylhexyl)phthalate. In: Richardson ML, ed. Toxic hazard assessment of chemicals. London, England: The Royal Society of Chemistry, 233-546.

Brodsky J, Andersson JT, Ballschmiter K. 1986. Chemical degradation of xenobiotics II. Simulation of the biotic transformation of bis(2-ethylhexyl)phthalate and dioctylphthalate by abiotic means. Chemosphere 15:139-148.

*Brown GK, Zaugg SD, Barber LB. 1999. U.S. geological survey toxic substances hydrology program proceedings of the technical meeting, Charleston, South Carolina, 431-435.

*Brown KW, Donnelly KC. 1988. An estimation of the risk associated with the organic constituents of hazardous and municipal waste landfill leachates. Haz Waste Haz Mater 5:1-30.

Budavari S, O'Neil MJ, Smith A, et al. 1989. The Merck index: An encyclopedia of chemicals, drugs, and biologicals. 11th ed. Rahway, NJ: Merck and Co., Inc., 194.

*Busser M-T, Lutz WK. 1987. Stimulation of DNA synthesis in rat and mouse liver by various tumor promoters. Carcinogenesis 8:1433-1437.

*Butterworth BE. 1984. The genetic toxicology of di(2-ethylhexyl)phthalate. Chemical Industry Institute of Toxicology (CIIT) 4:1-8.

Butterworth BE. 1987. Genetic toxicology of di(2-ethylhexyl)phthalate. Banbury Report 25:257-276.

*Butterworth BE, Bermudez E, Smith-Oliver T, et al. 1984. Lack of genotoxic activity of di(2ethylhexyl)phthalate (DEHP) in rat and human hepatocytes. Carcinogenesis 5(10):1329-1335.

Butterworth BE, Loury DJ, Smith-Oliver T, et al. 1987. The potential role of chemically induced hyperplasia in the carcinogenic activity of the hypolipidemic carcinogens. Toxicol Ind Health 3:129-149.

*Butterworth BE, Smith-Oliver T, Earle L, et al. 1989. Use of primary cultures of human hepatocytes in toxicology studies. Cancer Res 49:1075-1084.

Büyüksönmez F, Rynk R, Hess TF, et al. 2000. Occurrence, degradation and fate of pesticides during composting. Compost Sci Util 5(1):61-81.

*CA DHS. 2000. California Department of Health Services. California safe drinking water act and related laws. 7th edition. http://www.dhs.cahwnet.gov/ps/ddwem/publications/lawbook.htm. April 7, 2000.

*Cadogan D, Howick C. 1996. Plasticizers. In: Kroschwitz J, Howe-Grant M, eds. Kirk-Othmer encyclopedia of chemical technology. New York: John Wiley & Sons Inc., 258-290.

*Cadogan DF, Papez M, Poppe AC, et al. 1994. An assessment of the release, occurrence and possible effects of plasticisers in the environment. Prog Rubber Plast Technol 10:1-19.

Cairns T, Chiu KS, Siegmund EG, et al. 1986. Levels of plasticizer in the frequent plasma donor. Biomed Environ Mass Spectrom 13:357-360.

Caldwell DJ. 1999. Review of mononuclear cell leukemia in F-344 rat bioassays and its significance to human cancer risk: A case study using alkyl phthalates. Regul Toxicol Pharmacol 30:45-53.

Calley D, Autian J, Guess W. 1966. Toxicology of a series of phthalate esters. J Pharm Sci 55:158-161.

*Canter LW, Sabatini DA. 1994. Contamination of public ground water supplies by Superfund sites. Int J Environ Stud 46:35-57.

*Carpenter CP, Weil CS, Smyth HF. 1953. Chronic oral toxicity of DEHP for rats, guinea pigs, and dogs. AMA Arch Ind Hyg 8:219-226.

Carter JH, Carter HW, Deangelo AB, et al. 1989. Sub-lethal autolysis in livers of rats exposed to phthalates. J Cell Biol 109:182A.

*Cartwright CD, Thompson IP, Burns G. 2000. Degradation and impact of phthalate plasticizers on soil microbial communities. Environ Toxicol Chem 19(5):1253-1261.

*Castillo M, Oubina A, Barcelo D. 1998. Evaluation of ELISA kits followed by liquid chromatographyatmospheric pressure chemical ionization-mass spectometry for the determination of organic pollutants in industrial effluents. Environ Sci Technol 32:2180-2184.

*Castle L, Mayo A, Gilbert J. 1989. Migration of plasticizers from printing inks into food. Food Addit Contam 6:437-443.

Castle L, Mercer AJ, Startin JR, et al. 1988. Migration from plasticized film into foods. 3. Migration of phthalate, sebacate, citrate and phosphate esters from films used for retail food packaging. Food Addit Contam 5:9-20.

*Cattley RC, Glover SE. 1993. Elevated 8-hydroxydeoxyguanosine in hepatic DNA of rats following exposure to peroxisome proliferators: relationship to carcinogenesis and nuclear localization. Carcinogenesis 14(12):2495-2499.

*Cattley RC, Roberts RA. 2000. Peroxisome proliferators and carcinogenesis: editorial perspectives. Mutat Res 448:117-119.

*Cattley RC, Conway JG, Popp JA. 1987. Association of persistent peroxisome proliferation and oxidative injury with hepatocarcinogenicity in female F-344 rats fed di(2-ethylhexyl)phthalate for 2 years. Cancer Lett 38:15-21.

*Cattley RC, DeLuca J, Elcombe C, et al. 1998. Do peroxisome proliferating compounds pose a hepatocarcinogenic hazard to humans? Regul Toxicol Pharmacol 27:47-60.

*Cattley RC, Smith-Oliver T, Butterworth BE, et al. 1988. Failure of the peroxisome proliferator WY-14,643 to induce unscheduled DNA synthesis in rat hepatocytes following *in vivo* treatment. Carcinogenesis 9:1179-1183.

CCRIS. 1990. Chemical Carcinogenesis Research Information System. National Library of Medicine, National Toxicology Information Program, Bethesda, MD. July 6, 1990.

*CDC. 2001. CDC reports higher levels of other phthalates than of DEHP in humans, despite greater environmental exposure. Am J Health-Syst Pharm. 58:857-858.

*Cerbulis J, Byler DM. 1986. Isolation and detection of dialkyl phthalates from pork. J Agric Food Chem 34:198-200.

*Chapin RE, Gray TJ, Phelps JL, et al. 1988. The effects of mono-(2-ethylhexyl)-phthalate on rat Sertoli cell-enriched primary cultures. Toxicol Appl Pharmacol 92:467-479.

Chemical Regulations and Guidelines. 1990. Dialog Information Systems, Inc., Palo Alto, CA. July 19, 1990.

*ChemExpo. 1999. 2-Ethylhexanol. http://www.chemexpo.com/news/PROFILEdec9.cfm. March 26, 2002.

Chemline. 1990. Chemical dictionary online. National Library of Medicine, National Toxicology Information Program, Bethesda, MD. July 5, 1990.

*Cheng HF, Lin JG. 2000. Biodegradation of di-(2-ethylhexyl)phthalate in sewage sludge. Water Sci Technol 41(12):1-6.

*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 Biomed Appl 225:196-201.

CHRIS. 1978. Chemical Hazard Response Information System. Data manual. U.S. Coast Guard.

*Cimini A, Sulli A, Stefanini S, et al. 1994. Effects of di-(2-ethylhexyl)phthalate on peroxisomes of liver, kidney and brain of lactating rats and their pups. Cell Mol Biol 40(8):1063-1076.

*Clayton CG, Clayton FE, eds. 1981. Patty's industrial hygiene and toxicology. 3rd rev. ed. Vol. IIA. 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):111-131.

CLPSD. 1990. Contract Laboratory Program Statistical Database. Viar & Company, Management Service Division, Alexandria, VA. July, 1990.

*CMA. 1986. Analysis of bis(2-ethylhexyl)phthalate (DEHP) by gas chromatography-mass spectrometry in dairy and meat products. Hazleton Laboratories America, Inc., Madison, Wisconsin.

*CO DPHE. 1999. Colorado Department of Public Health and Environment. Ground water quality classifications and standards. http://www.cdphe.state.co.us/cdphereg.asp. June 1, 2000.

Cohen AJ, Grasso P. 1981. Review of the hepatic response to hypo-lipidemic drugs in rodents and assessment of its toxicological significance to man. Food Cosmet Toxicol 19:585-606.

*Cohen H, Charrier C, Sarfaty J. 1991. Extraction and identification of a plasticizer, di-(2ethylhexyl)phthalate, from a plastic bag containing contaminated corn. Arch Environ Contam Toxicol 20:437-440. Colborn T, Clement C, eds. 1992. Chemically-induced alterations and functional development: The wildlife-human connection. In: Advances in modern environmental toxicology, Vol. XXI, Princeton, NJ: Princeton Scientific Publishing.

Colburn NH, Smith BM, Wendel EJ, et al. 1988. Comparison of mouse pro-1 and pro-2 transfectants for responses to tumor promoters and antipromoters. Cancer Res 48:6076-6080.

*Cole RH, Frederick RE, Healy RP, et al. 1984. Preliminary findings of the priority pollutant monitoring project of the nationwide urban runoff program. J Water Pollut Control Fed 56:898-908.

*Cole RS, Tocchi M, Wye E, et al. 1981. Contamination of commercial blood products by 2diethylhexyl phthalate and mono-2-ethylhexylphthalate. Vox Sang 40:317-322.

*Consumer Product Safety Commission. 1998. The risk of chronic toxicity associated with the exposure to diisononyl phthalate (DINP) in children's products. http://www.cpsc.gov/phth/execsum.pdf. March 26, 2000.

*Consumer Product Safety Commission. 1999a. Proposed collection of information; Mouthing behavior study; Comment request. Fed Reg 64(47):12153-12154.

*Consumer Product Safety Commission. 1999b. Proposed collection of information; Mouthing behavior study; Comment request. Correction. Fed Reg 64(54):13854.

*Consumer Product Safety Commission. 1999c. Proposed collection of information under OMB review; Mouthing behavior study. Fed Reg 64(146):41397-41398.

*Consumer Product Safety Commission. 1999d. CPSC releases study on phthalates in teethers, rattles and other children's products. http://www.cpsc.gov/cpspub/prerel/prhtm199/99031.html. March 19, 2000.

*Consumer Product Safety Commission. 2001. Chronic Hazard Advisory Panel on Diisononyl Phthalate (DINP). http://www.cpsc.gov/LIBRARY/FOIA/Foia01/os/dinp.pdf. March 26, 2002.

*Contreras TJ, Sheibley RH, Valeri CR. 1974. Accumulation of di-2-ethylhexyl phthalate (DEHP) in whole blood, platelet concentrates and platelet-poor plasma. Transfusion 14:34-46.

*Conway JG, Tomaszewski KE, Olson MJ, et al. 1989. Relationship of oxidative damage to the hepatocarcinogenicity of the peroxisome proliferators di(2-ethylhexyl)phthalate and Wy-14,643. Carcinogenesis 10:513-519.

Corton JC, Bocos C, Moreno ES, et al. 1997. Peroxisome proliferators alter the expression of estrogenmetabolizing enzymes. Biochimie 79:151-162. CPSC. 1985. Report to the U.S. Consumer Product Safety Commission by the Chronic Hazard Advisory Panel on DEHP. U.S. Consumer Product Safety Commission.

*Creasy DM, Foster JR, Foster PMD. 1983. The morphological development of di-*n*-pentyl phthalate induced testicular atrophy in the rat. J Pathol 139:309-321.

*Creasy DM, Jones HB, Beech LM, et al. 1986. The effects of two testicular toxins on the ultrastructural morphology of mixed cultures of Sertoli and germ cells: A comparison with *in vivo* effects. Food Chem Toxicol 24:655-656.

Crebelli R, Carere A. 1987. Chemical and physical agents assayed in tests for mitotic intergenic and intragenic recombination in *Aspergillus nidulans* diploid strains. Mutagenesis 2:469-476.

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 Safety 14:239-251.

CRIS/USDA. 1990. Current Research Information System, U.S. Department of Agriculture. Dialog Information Systems, Inc., Palo Alto, CA. July 6, 1990.

CRISP. 1990. Computer Retrieval of Information on Scientific Projects. National Institutes of Health, Division of Research Grants, Bethesda, MD. July 16, 1990.

*Crisp TM, Clegg ED, Cooper RL, et al. 1998. Environmental endocrine disruption: An effects assessment and analysis. Environ Health Perspect 106(Suppl. 1):11-56.

*Crocker JF, Safe SH, Acott P. 1988. Effects of chronic phthalate exposure on the kidney. J Toxicol Environ Health 23:433-444.

*Dabholkar AS. 1988. Peroxisomes in the rat brain and the effects of di-(2-ethyl)hexyl phthalate during postnatal development: An electron-microscopic study. Acta Anat 131:218-221.

Dalgaard M, Nellemann C, Lam HR, et al. 2001. The acute effects of mono(2-ethylhexyl)phthalate (MEPH) on tests of prepubertal wistar rats. Toxicol Lett 122:69-79.

*Dalton SR, Jirtle RL, Meyer SA. 2000. EGF receptors of heptaocytes from rats treated with phenobarbital in culture. Toxicol Appl Pharm. 165: 115-126.

DART. 1990. Developmental and Reproductive Toxicology. National Library of Medicine, National Toxicology Information Program, Bethesda, MD. July 6, 1990.

*Daston GP, Gooch JW, Breslin WJ, et al. 1997. Environmental estrogens and reproductive health: A discussion of the human and environmental data. Reprod Toxicol 1(4):465-481.

*David RM. 2000. Exposure to phthalate esters. Environ Health Perspect 108(10):A440.

*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.

*David RM, Moore MR, Finney DC, et al. 2000a. Chronic toxicity of di(2-ethylhexyl)phthalate in rats. Toxicol Sci 55:433-443.

*David RM, Moore MR, Finney DC, et al. 2000b. Chronic toxicity of di(2-ethylhexyl)phthalate in mice. Toxicol Sci 58:377-385.

*Davis BJ, Maronpot RR, Heindel JJ. 1994a. Di-(2-ethylhexyl) phthalate suppresses estradiol and ovulation in cycling rats. Toxicol Appl Pharmacol 128:216-223.

*Davis BJ, Weaver R, Gaines LJ, et al. 1994b. Mono-(2-ethylhexyl) phthalate suppresses estradiol production independent of FSH-cAMP stimulation in rat granulosa cells. Toxicol Appl Pharmacol 128:224-228.

DeAngelo AB, Chavis C. 1990. Phthalate ester inhibition of glucocorticoid receptor (GR) binding activity in B6C3F1 mouse liver [abstract]. Proceedings of the Annual Meeting of the American Association for Cancer Research 31:86.

DeAngelo AB, Daniel FB, McMillan L, et al. 1989. Species and strain sensitivity to the induction of peroxisome proliferation by chloroacetic acids. Toxicol Appl Pharmacol 101:285-298.

*DeAngelo AB, Garrett CT, Manolukas LA, et al. 1986. Di-n-octyl phthalate (DOP), a relatively ineffective peroxisome-inducing straight chain isomer of the environmental contaminant di-(2-ethylhexyl)phthalate, enhances the development of putative preneoplastic lesions in rat liver. Toxicology 41:279-88.

DeAngelo AB, Garrett CT, Queral AE, et al. 1985a. Phosphorylation of specific rat plasma membrane proteins during promotion of gamma-glutamyl transpeptidase-positive hepatic foci and inhibition by DEHP. Cancer Res 45:2654-2660.

DeAngelo AB, Queral AE, Garrett CT. 1985b. Concentration-dependent inhibition of development of GGT positive foci in rat liver by the environmental contaminant di(2-ethylhexyl)phthalate. Environ Health Perspect 60:381-385.

De La Iglesia FA, Sturgess JM, Feuer G. 1982. New approaches for the assessment of hepatotoxicity by means of quantitative functional-morphological interrelationships. In: Plaa G, Hewitt WR, eds. Toxicology of the liver. New York, NY: Raven Press, 47-102.

Dees JH, Gazouli M, Papadopoulos V. 2001. Effect of mono-ethylhexyl phthalate on MA-10 leydig tumor cells. Reprod Toxicol 15:171-187.

De Flora S, Bennicelli C, Camoirano A, et al. 1985. *In vivo* effects of N-acetylcysteine on glutathione metabolism and on the biotransformation of carcinogenic and/or mutagenic compounds. Carcinogenesis 6:1735-45.

*Deisinger PJ, Barber ED, Schum DB, et al. 1991. A combined *in vitro/in vivo* model for estimating the dermal absorption of di(2-ethylhexyl)phthalate (DEHP) in man from contact with PVC film. Toxicologist 11:95.

*Deisinger PJ, Perry LG, Guest D. 1998. *In vivo* percutaneous absorption of [¹⁴C]DEHP from [¹⁴C]DEHP-plasticized polyvinyl chloride film in male Fischer 344 rats. Food Chem Toxicol 36:521-527.

*DeLeon IR, Byrne CJ, Peuler EA, et al. 1986. Trace organic and heavy metal pollutants in the Mississippi River. Chemosphere 15:795-805.

*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 7(3-4):331-351.

*DeVault DS. 1985. Contaminant in fish from Great Lakes harbors and tributary mouths. Arch Environ Contam Toxicol 14:587-594.

*Dine T, Luyckx M, Cazin M, et al. 1991. Rapid determination by high performance liquid chromatography of di-2-ethylhexyl phthalate in plasma stored in plastic bags. Biomed Chromatogr 5:94-97.

*Dine T, Luychx M, Gressier B, et al. 2000. A pharmacokinetic interpretation of increasing concentrations of DEHP in haemodialysed patients. 22:157-165

*Diwan BA, Ward JM, Rice JM, et al. 1985. Tumor-promoting effects of di(2-ethylhexyl)phthalate in JB6 mouse epidermal cells and mouse skin. Carcinogenesis 6:343-397.

Doelman CJ, Borm PJ, Bast A. 1990. Plasticisers and bronchial hyperreactivity [letter]. Lancet 335:725.

*Dostal LA, Chapin RE, Stefanski SA, et al. 1988. Testicular toxicity and reduced Sertoli cell numbers in neonatal rats by di(2-ethylhexyl)phthalate and the recovery of fertility as adults. Toxicol Appl Pharmacol 95:104-121.

*Dostal LA, Jenkins WL, Schwetz BA. 1987a. Hepatic peroxisome proliferation and hypolipidemic effects of di(2-ethylhexyl)phthalate in neonatal and adult rats. Toxicol Appl Pharmacol 87:81-90.

*Dostal LA, Weaver RP, Schwetz BA. 1987b. Transfer of di(2-ethylhexyl)phthalate through rat milk and effects on milk composition and the mammary glands. Toxicol Appl Pharmacol 91:315-325.

*DOT. 1999. Category D NLSs other than oil-like Category D NLSs that may be carried under this part. Department of Transportation. Code of Federal Regulations. 33 CFR 157.47.

*Douglas GR, Hugenholtz AP, Blakey DH. 1986. Genetic toxicology of phthalate esters: Mutagenic and other genotoxic effects. Environ Health Perspect 65:255-62.

*Doull J, Cattley R, Elcombe C, et al. 1999. A cancer risk assessment of di(2-ethylhexyl)phthalate: Application of the new U.S. EPA risk assessment guidelines. Regul Toxicol Pharmacol 29:327-357.

*Eagon PK, Chandar N, Epley MJ, et al. 1994. Di(2-ethylhexyl)phthalate-induced changes in liver and estrogen metabolism and hyperplasia. Int J Cancer 58:736-743.

*Eckel W, Ross B, Isensee R. 1993. Pentobarbitol found in ground water. Ground Water 31:801-803.

*Edelman IS, Leibman J. 1959. Anatomy of body water and electrolytes. Am J Med 27:256-277.

*Edlund C, Ericsson J, Dallner G. 1987. Changes in hepatic dolichol and dolichyl monophosphate caused by treatment of rats with inducers of the endoplasmic reticulum and peroxisomes and during ontogeny. Chem-Biol Interact 62:191-208.

Egestad B, Sjoberg P. 1988. Analysis by fast atom bombardment mass spectrometry of conjugated metabolites of bis(2-ethylhexyl) phthalate. Biomed Environ Mass Spectrom 16:151-154.

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

*Elcombe CR, Mitchell AM. 1986. Peroxisome proliferation due to di(2-ethylhexyl) phthalate (DEHP): Species differences and possible mechanisms. Environ Health Perspect 70:211-219.

*Ellington JJ. 1996. Octanol/water partition coefficients and water solubilities of phthalate esters. J Chem Eng Data 44:1414-1418

*Elliott BM, Elcombe CR. 1985. Effects of reactive oxygen species produced by peroxisome proliferation in the livers of rats. Proc Am Assoc Cancer Res 26:72.

*Elliott BM, Elcombe CR. 1987. Lack of DNA damage or lipid peroxidation measured *in vivo* in the rat liver following treatment with peroxisomal proliferators. Carcinogenesis 8:1213-1218.

Elsisi AE, Carter DE, Sipes IG. 1985. Dermal absorption and tissue distribution of phthalate diesters [abstract]. Toxicologist 5:246.

*Elsisi AE, Carter DE, Sipes IG. 1989. Dermal absorption of phthalate diesters in rats. Fundam Appl Toxicol 12:70-77.

Elzerman AW, Coates JT. 1987. Hydrophobic organic compound on sediments: Equilibria and kinetics of sorption. In: Hites RA, Eisenreich SJ, eds. Sources and Fates of Aquatic Pollutants. Advances in Chemistry Series 216. Washington, DC: American Chemical Society, 263-317.

*EPA. 1979. Water-related environmental fate of 129 priority pollutants. Vol. II. Halogenated aliphatic hydrocarbons, halogenated ethers, monocyclic aromatics, phthalate esters, polycyclic aromatic hydrocarbons, nitrosamines, and miscellaneous compounds. U.S. Environmental Protection Agency, Office of Water Planning and Standards. Washington, DC, EPA-440/4-79-029a. PB80-204373.

*EPA. 1980a. Ambient water quality criteria for phthalate esters. Washington, DC: U.S. Environmental Protection Agency, Office of Water Regulations and Standards. EPA 440/5-80-067.

EPA. 1980b. An exposure and risk assessment for phthalate esters. Washington, DC: U.S. Environmental Protection Agency.

EPA. 1980c. U.S. Environmental Protection Agency. Federal Register. 45:33132-33133.

EPA. 1980d. U.S. Environmental Protection Agency: Federal Register. Part V. 45:79339.

*EPA 1981. An exposure and risk assessment for phthalate esters: Di(2-ethylhexyl) phthalate, di-nbutyl phthalate, dimethyl phthalate, diethyl phthalate, di-n-octyl phthalate, butyl benzyl phthalate. Washington, DC: U.S. Environmental Protection Agency, Office of Water Regulations and Standards. EPA-440/4-81-020. PB85-211936.

EPA. 1982. 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. 1982a. Base/neutrals and acids-method 625. In: Longbotten 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. 1982b. Phthalate esters-method 606. In: Longbotten 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. U.S. Environmental Protection Agency. Federal Register 47:26992, 27007-27008.

EPA. 1983a. Methods for chemical analysis of water and wastes. Cincinnati, OH: U.S. Environmental Protection Agency, Office of Research and Development, Environmental Monitoring and Support Laboratory. EPA-600/4-79-020.

EPA. 1983b. Treatability manual. Vol. I. Treatability data. Washington, DC: U.S. Environmental Protection Agency, Office of Research and Development. EPA-600/2-82-001a.

*EPA. 1984. 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. PB85-128221.

EPA. 1985. Summary of environmental profiles and hazard indices for constituents of municipal sludge. Washington, DC: U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response.

*EPA. 1986. 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. PB86-150208.

EPA. 1986a. Drinking water criteria document for phthalic acid esters (PAE)s. External Review Draft. Cincinnati, OH: U.S. Environmental Protection Agency ECAO-CIN-D009.

EPA. 1986b. Evaluation of the potential carcinogenicity of bis(2-ethylhexyl) phthalate. Draft Report. Washington, DC: U.S. Environmental Protection Agency, Office of Health and Environmental Assessment, Carcinogen Assessment Group. OHEA-C-073-45.

*EPA. 1986c. Gas chromatography/mass spectrometry for semivolatile organics: Capillary column technique-method 8270. 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. Phthalate esters-method 8060. 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. U.S. Environmental Protection Agency. Federal Register 51:33992-34003.

*EPA. 1986f. Broad scan analysis of FY82 national human adipose tissue survey specimens: Vol. III. Semi-volatile organic compounds. Washington, DC: U.S. Environmental Protection Agency, Office of Toxic Substances. EPA 560/5-86-035.

EPA. 1986g. Broad scan analysis of the FY82 national human adipose tissue survey specimens: Vol. I. Executive summary. Washington, DC: U.S. Environmental Protection Agency, Office of Toxic Substances. EPA 560/5-86-035.

EPA. 1987a. 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. PB88-178934.

EPA. 1987b. U.S. Environmental Protection Agency: Part II. Federal Register 52:25942-25953.

*EPA. 1988a. Determination of organic compounds in drinking water by liquid-solid extraction and capillary column gas chromatography/mass spectrometry-method 525. In: Methods for the determination of organic compounds in drinking water. Cincinnati, OH: U.S. Environmental Protection Agency, Environmental Monitoring Systems Laboratory. EPA-600/4-88/039.

EPA. 1988b. Drinking water criteria document for phthalic acid esters (PAEs). Cincinnati, OH: U.S. Environmental Protection Agency, Office of Drinking Water.

EPA. 1988c. U.S. Environmental Protection Agency: Part II. Federal Register 53:31138-31142, 31211-31222.

*EPA. 1988d. U.S. Environmental Protection Agency: Part II. Federal Register 53:4500-4501.

EPA. 1988e. U.S. Environmental Protection Agency: Part V. Federal Register 53:38642-38653.

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. NHATS broad scan analysis: Population estimates from fiscal year 1982 specimens. Washington, DC: U.S. Environmental Protection Agency, Office of Toxic Substances. EPA 569/5-90-001.

EPA. 1989c. U.S. Environmental Protection Agency. Federal Register 54:618-621.

EPA. 1989d. U.S. Environmental Protection Agency. Part III. Federal Register 54:26594, 26647-26652.

EPA. 1989e. U.S. Environmental Protection Agency: Part V. Federal Register 54:33426, 33452.

EPA. 1990a. Toxics in the community. 1988. National and local perspectives. Washington, DC: U.S. Environmental Protection Agency, Office of Toxic Substances, Economics and Technology Division.

EPA. 1990b. U.S. Environmental Protection Agency: Part II. Federal Register 55:22520-22536, 22683-22714.

EPA. 1990c. U.S. Environmental Protection Agency: Part II. Federal Register 55:30370-30373, 30398-30400.

*EPA. 1990d. U.S. Environmental Protection Agency: Part III. Federal Register 55:47229-47231.

*EPA. 1990e. Interim methods for development of inhalation reference concentrations. Washington, DC: U.S. Environmental Protection Agency, Office of Health and Environmental Assessment, Office of Research and Development, Environmental Criteria and Assessment Office. EPA 600/8-90/066A.

EPA. 1992. U.S. Environmental Protection Agency. Federal Register:57(138):31776-31849.

*EPA. 1997. Special report on environmental endocrine disruption: An effects assessment and analysis. Washington, DC: U.S. Environmental Protection Agency, Risk Assessment Forum. EPA/630/R-96/012.

EPA. 1999a. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 141.61: Maximum contaminant levels for organic contaminants.

EPA. 1999b. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 141.50: Maximum contaminant level goals for organic contaminants.

EPA. 1999c. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 141.32: Public notification.

EPA. 1999d. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 261.133: Discarded commercial products, off-specification species, container residues, and spill residues thereof.

EPA. 1999e. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 372.65: Chemicals and chemical categories to which this part applies.

EPA. 1999f. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 302.4: Designation of hazardous substances.

EPA. 1999g. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 716.120: Substances and listed mixtures to which this subpart applies.

*EPA. 1999h. National Recommended water quality criteria-correction. Washington, DC: U.S. Environmental Protection Agency, Office of Water. EPA 822-Z-99-001.

*EPA. 2000. Drinking water standards and health advisories. Environmental Protection Agency. Office of Water. EPA 822-B-00-001.

*EPA. 2001a. Designation, reportable quantities, and notification. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 302.4. http://frwebgate.access.gpo.gov/cgi-bin. September 18, 2001.

*EPA. 2001b. Drinking water standards. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 141.32(e)(62). http://ecfr.access.gpo.gov/otcgi/cfr/. November 28, 2001.

*EPA. 2001c. Groundwater monitoring list. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 264, Appendix IX. http://ecfrback.access.gpo.gov/otcgi/cfr/. September 24, 2001.

*EPA. 2001d. Health based limits for exclusion of waste-derived residues. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 266, Appendix VII. http://ecfrback.access.gpo.gov/otcgi/cfr. September 24, 2001.

*EPA. 2001e. Identification and listing of hazardous waste. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 261.33(e). http://ecfrback.access.gpo.gov/otcgi/cfr...8&RGN=BSECCT&SUBSET=SUBSET&FROM=1&ITEM=1 September 24, 2001. *EPA. 2001f. Maximum contaminant levels for organic contaminants. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 141.61(c). http://ecfr.access.gpo.gov/otcgi/cfr/. November 28, 2001.

*EPA. 2001g. Maximum contaminant level goals for organic contaminants. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 141.50(a)(21). http://ecfr.access.gpo.gov/otcgi/cfr/otf. November 28, 2001.

*EPA. 2001h. Risk specific doses. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 266, Appendix V. http://ecfrback.access.gpo.gov/otcgi/cfr/. September 24, 2001.

*EPA. 2001i. Toxic chemical release reporting; Community right-to-know. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 372.65. http://ecfrback.access.gpo.gov/otcgi/cfr...4&RGN=BSECCT&SUBSET=SUBSET&FROM=1&ITEM=1 September 24, 2001.

*EPA. 2001j. Toxic substances control act. Health and safety data reporting. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 716.120(c). http://ecfrback.access.gpo.gov/otcgi/cfr. December 10, 2001.

*EPA. 2001k. Toxic substances control act. Testing consent order. U.S. Environmental Protection Agency. Code of Federal Regulations. 40 CFR 799.5000. http://ecfrback.access.gpo.gov/otcgi/cfr. December 10, 2001.

*Eriksson P, Darnerud PO. 1985. Distribution and retention of some chlorinated hydrocarbons and a phthalate in the mouse brain during the preweaning period. Toxicology 37:189-203.

*Fahrig R, Steinkamp-Zucht A. 1996. Co-recombinogenic and anti-mutagenic effects of diethylphthalate, inactiveness of pentachlorophenol in the spot test with mice. Mutat Res 354:59-67.

Falkovich AH, Rudich Y. 2001. Analysis of semivolatile organic compounds in atmospheric aerosols by direct sample introduction thermal desorption CC/MS. Environ Sci Technol 35:2326-2333.

*Fallon ME, Horvath FJ. 1985. Preliminary assessment of contaminants in soft sediments of the Detroit River. J Great Lakes Res 11:373-378.

*Fan C-Y, Pan J, Usuda N, et al. 1998. Steatohepatitis, spontaneous peroxisome proliferation and liver tumors in mice lacking peroxisomal fatty acyl-CoA oxidase. J Biol Chem 273(25):15639-15645.

*Faouzi MA, Dine T, Gressier B, et al. 1999. Exposure of hemodialysis patients to di-2-ethylhexyl phthalate. Int J Pharm 180:113-121.

*Faouzi MA, Dine T, Luyckx M, et al. 1994. Leaching of diethylhexyl phthalate from PVC bags into intravenous teniposide solution. Int J Pharm 105:89-93.

Fawell JK, Sheahan D, James HA, et al. 2001. Oestrogens and oestrogenic activity in raw and treated water in severn trent water. Water Res 35(5):1240-1244.

*Fayad NM, Sheikheldin SY, Al-Malack MH, et al. 1997. Migration of vinyl chloride monomer (VCM) and additives into PVC bottled drinking water. J Environ Sci Health Part A A32(4):1065-1083.

FDA. 1990. The relationship between carcinogenesis and peroxisome proliferation in rodent liver after exposure to the plasticizer DEHP and DEHA. U.S. Food and Drug Administration.

*FDA. 1999a. U.S. Food and Drug Administration. Code of Federal Regulations. 21 CFR 175.105: Adhesives.

*FDA. 1999b. U.S. Food and Drug Administration. Code of Federal Regulations. 21 CFR 177.1200: Cellophane.

*FDA. 1999c. U.S. Food and Drug Administration. Code of Federal Regulations. 21 CFR 177.1010: Acrylic and modified acrylic plastics, semirigid and rigid.

*FDA. 1999d. U.S. Food and Drug Administration. Code of Federal Regulations. 21 CFR 178.3910: Surface lubricants used in the manufacture of metallic articles.

*FDA. 1999e. U.S. Food and Drug Administration. Code of Federal Regulations. 21 CFR 176.210: Defoaming agents used in the manufacture of paper and paper-board.

FDA. 1999f. U.S. Food and Drug Administration. Code of Federal Regulations. 21 CFR 181.27: Plasticizers.

*FDA. 1999g. U.S. Food and Drug Administration. Code of Federal Regulations. 21 CFR 175.300: Resinous and polymeric coatings.

*FDA. 2001a. Indirect food additives. Adhesives. U.S. Food and Drug Administration. Code of Federal Regulations. 21 CFR 175.105(c)(5). http://frwebgate.access.gpo.gov/cgi-bin/. December 10, 2001.

*FDA. 2001b. Indirect food additives. Acrylic and modified acrylic plastics, semirigid and rigid. U.S. Food and Drug Administration. Code of Federal Regulations. 21 CFR 177.1010(c). http://frwebgate.access.gpo.gov/cgi-bin/. December 10, 2001.

*FDA. 2001c. Indirect food additives. Cellophane. U.S. Food and Drug Administration. Code of Federal Regulations. 21 CFR 177.1200(a)(8). http://frwebgate.access.gpo.gov/cgi-bin/. December 10, 2001.

*FDA. 2001d. Indirect food additives. Defoaming agents used in the manufacture of paper and paperboard. U.S. Food and Drug Administration. Code of Federal Regulations. 21 CFR 176.210(d)(3). http://frwebgate.access.gpo.gov/cgi-bin/. December 10, 2001.

*FDA. 2001e. Indirect food additives. Resinous and polymeric coatings. U.S. Food and Drug Administration. Code of Federal Regulations. 21 CFR 175.300(b)(3). http://frwebgate.access.gpo.gov/cgi-bin/. December 10, 2001.

*FDA. 2001f. Indirect food additives. Surface lubricants used in the manufacture of metallic articles. U.S. Food and Drug Administration. Code of Federal Regulations. 21 CFR 178.3910(a)(2). http://frwebgate.access.gpo.gov/cgi-bin/. December 10, 2001.

*FDA. 2001g. Prior-sanctioned food ingredients. Plasticizers. U.S. Food and Drug Administration. Code of Federal Regulations. 21 CFR 181.27. http://frwebgate.access.gpo.gov/cgi-bin/. December 10, 2001.

*FDA. 2001h. Safety assessment of di(2-ethylhexyl)phthalate (DEHP) released from PVC medical devices. Rockville, MD: Center for Devices and Radiological Health, U.S. Food and Drug Administration. http://www.fda.gov/cdrh/ost/dehp-pvc.pdf.

FEDRIP. 2000. Federal Research In Progress. May 2000.

*FEDRIP. 2001. Federal Research in Progress. May 2001.

Feiler HD, Storch TJ, Southworth R. 1980. Organics in municipal sludges: Survey of forty cities. In: Proceedings of the national conference on municipal industrial sludge utility disposal, 53-57.

Fernandez AC, Vedanarayanan PV, Bai MV. 1987. A simple and sensitive method to monitor the presence of di(2-ethylhexyl)phthalate (DEHP) in I.V. fluids. Curr Sci 56:1230.

Flaminio LM, Bergia R, De Angelis L, et al. 1988. The fate of leached di-2(ethylhexyl)phthalate (DEHP) in patients on chronic hemodialysis. Int J Artif Organs 11:428-434.

*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. 1989. M-Dinitrobenzene: Studies on its toxicity to the testicular Sertoli cell. Arch Toxicol (Suppl 13):3-17.

*Foster PMD, Foster JR, Cook MW, et al. 1982. Changes in ultrastructure and cytochemical localization of zinc in rat testis following the administration of di-*n*-pentyl phthalate. Toxicol Appl Pharmacol 63:120-132.

Foster PMD, Mylchreest E, Gaido KW, et al. 2001. Effects of phthalate esters on the developing reproductive tract of male rats. 7(3):231-235.

*Friedman GM, Mukhopadhyay PK, Moch A, et al. 2000. Waters and organic-rich waste near dumping grounds in New York bight. International Journal of Coal Geology. 42:325-355.

FSTRAC. 1990. Summary of state and federal drinking water standards and guidelines. Washington, DC. U.S. Environmental Protection Agency. Chemical Communications Subcommittee, Federal-State Toxicology and Regulatory Alliance Committee.

FSTRAC. 1999. Summary of state and federal drinking water standards and guidelines, 1998-1999. Washington, DC: Federal-State Toxicology and Risk Analysis Committee (FSTRAC), Data Bank Update Committee.

*Furuya S, Kumamoto Y Sugiyama S. 1978. Fine structure and development of steroli junctions in human testis. Arch Androl 1:211-219.

Gangolli SD. 1982. Testicular effects of phthalate esters. Environ Health Perspect 45:77-84.

*Ganning AE, Brunk U, Dallner G. 1984. Phthalate esters and their effect on the liver. Hepatology 4:541-547.

*Ganning AE, Brunk U, Edlund C, et al. 1987. Effects of prolonged administration of phthalate ester on the liver. Environ Health Perspect 73:251-258.

*Ganning AE, Olsson MJ, Brunk U, et al. 1991. Effects of prolonged treatment with phthalate ester on rat liver. Pharmacol Toxicol 68:392-401.

*Ganning AE, Olsson MJ, Peterson E, et al. 1989. Fatty acid oxidation in hepatic peroxisomes and mitochondria after treatment of rats with di(2-ethylhexyl)phthalate. Pharmacol Toxicol 65:265-268.

Garman JR, Fieund T, Lawless EW. 1987. Testing for groundwater contamination at hazardous waste sites. J Chromatogr Sci 25:328-337.

*Garvey LK, Swenberg JA, Hamm TE Jr, et al. 1987. Di(2-ethylhexyl)phthalate: Lack of initiating activity in the liver of female F-344 Rats. Carcinogenesis 8:285-290.

Gaylor DW. 1989. Preliminary estimates of the virtually safe dose for tumors obtained from the maximum tolerated dose. Regul Toxicol Pharmacol 9:101-108.

*Geilsbjerg B, Klinge C, Madsen T. 2001. Mineralization of organic contaminants in sludge-soil mixtures. Environ Toxicol Chem 20(4):698-705.

*Gerbracht U, Einig C, Oesterle D, et al. 1990. Di(2-ethylhexyl)phthalate alters carbohydrate enzyme activities and foci incidence in rat liver. Carcinogenesis 11(12):2111-2115.

Gerlai I, Pinter J, Pick J. 1987. Determination of DEHP in blood products stored in plastic bags by HPLC. Chromatographia 24:403-406.

Germolec DR, Yang R SH, Ackermann MF, et al. 1989. Toxicology studies of a chemical mixture of 25 groundwater contaminants. II. Immunosuppression in B6C3F1 mice. Fundam Appl Toxicol 13:377-387.

Geyer H, Scheunert I, Korte F. 1986. Bioconcentration potential of organic environmental chemicals in humans. Regul Toxicol Pharmacol 6:313-347.

*Ghassemi M, Quinlivan S, Bachmaier J. 1984. Characteristics of leachates from hazardous waste landfills. J Environ Sci Health 19:579-620.

*Giam CS, Atlas E. 1980. Accumulation of phthalate ester plasticizers in Lake Constance sediments. Naturwissenschaften 67:598.

*Giam CS, Wong MK. 1987. Plasticizers in food. J Food Prot 50:769-782.

*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. 1975. Sensitive method for determination of phthalate ester plasticizers in open-ocean biota samples. Anal Chem 47:2225-2228.

*Giam CS, Chan HS, Neff GS, et al. 1978a. Phthalate ester plasticizers: A new class of marine pollutant. Science 199:419-21.

Giam CS, Chan HS, Neff GS. 1978b. Phthalate ester plasticizers, DDT, DDE and polychlorinated biphenyls in biota from the Gulf of Mexico. Marine Pollution Bulletin 9:249-251.

Gill SS, Kaur S. 1987. Hepatic epoxide hydrolase activities and their induction by clofibrate and diethylhexylphthalate in various strains of mice. Biochem Pharmacol 36:4221-4227.

*Giust JA, Seipelt CT, Anderson BK, et al. 1990. Determination of bis(2-ethylhexyl) phthalate in cows milk and infant formula by high-performance liquid chromatography. J Agric Food Chem 38:415-418.

*Giwercman 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.

*Goll V, Alexander E, Viollen-Abadie C, et al. 1999. Comparison of the effects of various peroxisome proliferators on peroxisomal enzyme activities, DNA synthesis, and apoptosis in rat and human hepatocyte cultures. Toxicol Appl Pharmacol 160:21-32.

Gollamudi R, Prasanna HR, Rado RH, et al. 1983. Impaired metabolism of di(2-ethylhexyl)phthalate (DEHP) in old rats--An *in vitro* study. J Toxicol Environ Health 12:623-632.

Gollamudi R, Rao RH, Lawrence WH, et al. 1985. Effects of phthalic acid esters on drug metabolizing enzymes of rat liver. J Appl Toxicol 5:368-371.

Goodman MA. 1997. Vapor pressure of agrochemicals by the Knudsen effusion method using a quartz crystal microbalance. J Chem Eng Data 42:1227-1231.

Gosselin RE, Smith RP, Hodge HC. 1984. Clinical toxicology of commercial products. 5th ed. Baltimore, MD: Williams and Wilkins, II:204.

Govner K. 2001. Guidelines establishing test procedures for the analysis of pollutants under the Clean Water act; national primary drinking water regulations; and national secondary drinking water regulations; methods update. Fed Regist 66(10):3466-3497.

*Gramiccioni L, Milana MR, DiMarzio S, et al. 1990. Experimental evaluation about the actual release of DEHP from caps to packaged foods. Rass Chim 42:3-7.

*Grasso P, Heindel JJ, Powell CJ, et al. 1993. Effects of mono(2-ethylhexyl) phthalate, a testicular toxicant, on follicle-stimulating hormone binding to membranes from cultured rat Sertoli cells. Biol Reprod 48:454-459.

*Gray LE, Ostby J, Furr J, et al. 2000. Perinatal exposure to the phthalates DEHP, BBP, and DINP, but not DEP, DMP, or DOTP, alters sexual differentiation of the male rat. Toxicol sci 58:350-365.

*Gray LE, Wolf C, Lambright C, et al. 1999. Administration of potentially antiandrogenic pesticides (procymidone, linuron, iprodione, chlozolinate, 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 malformation in the male rat. Toxicol Ind Health 15:94-118.

Gray TJ. 1986. Testicular toxicity *in vitro*: Sertoli-germ cell co-cultures as a model system. Food Chem Toxicol 24:601-605.

*Gray TJB, Beamand JA. 1984. Effect of some phthalate esters and other testicular toxins on primary cultures of testicular cells. Food Chem Toxicol 22(2):123-131.

*Gray TJ, Butterworth KR. 1980. Testicular atrophy produced by phthalate esters. Arch Toxicol (Suppl 4):452-455.

*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 S. 1995. PPAR: a mediator of peroxisome proliferator action. Mutat Res 333:101-109.

*Gupta C, Hattori A, Shinozuka H. 1988. Suppression of EGF binding in the rat liver by the hypolipidemic peroxisome proliferators, 4-chloro-6-(2,3-xylidino)-2-pyrimidinylthio-(*n*-beta-hydroxyethyl)acetamide and di(2-ethylhexyl)phthalate. Carcinogenesis 9:167-170.

*Gupta RC, Goel SK, Earley K, et al. 1985. ³²P-postlabeling analysis of peroxisome proliferator-DNA adduct formation in rat liver *in vivo* and hepatocytes *in vitro*. Carcinogenesis 6(6):933-936.

*Guzelian PS, Henry CJ, Olin SS, eds. 1992. Similarities and differences between children and adults: Implications for risk assessment. Washington, DC: International Life Sciences Institute Press.

*Hagiwara A, Tamano S, Ogiso T, et al. 1990. Promoting effect of the peroxisome proliferator, clofibrate, but not di(2-ethylhexyl)phthalate, on urinary bladder carcinogenesis in F344 rats initiated by n-butyl-n-(4-hydroxybutyl)nitrosamine. Jpn J Cancer Res 81:1232-1238.

Hannah FA, Austern DN, Eralp AE, et al. 1986. Comparative removal of toxic pollutants by six wastewater treatment processes. J Water Pollut Control Fed 58:27-34.

*Hardwick JP, Song BJ, Huberman E, et al. 1987. Isolation complementary DNA sequence and regulation of rat hepatic lauric acid omega-hydroxylase (cytochrome P-450LA omega): Identification of new cytochrome P-450 gene family. J Biol Chem 262:801-810.

*Harris CA, Henttu P, Parker MG, et al. 1997. The estrogenic activity of phthalate esters *in vitro*. Environ Health Perspect 105:802-811.

Harris RS, Hodge HC, Maynard EA, et al. 1956. Chronic oral toxicity of 2-ethylhexyl phthalate in rats and dogs. Arc Ind Health 13:259-264.

Haseman JK. 1983. Patterns of tumor incidence in two-year cancer bioassay feeding studies in Fischer 344 rats. Fundam Appl Toxicol 3:1-9.

Haseman JK. 1985. Issues in carcinogenicity testing: dose selection. Fundam Appl Toxicol 5:66-78.

*Hasmall SC, James NH, Macdonald N, et al. 2000. Species differences in response to diethylhexylphthalate: suppression of apoptosis, induction of DNA synthesis and peroxisome proliferator activated receptor alpha-mediated gene expression. Arch Toxicol 74:85-91.

*Hauck RS, Wegner C, Blumtritt P, et al. 1990. Asymmetric synthesis and teratogenic activity of (R)and (S)-2-ethylhexanoic acid, a metabolite of the plasticizer di-(2-ethylhexyl)phthalate. Life Sci 46:513-518.

*Hauser TR, Bromberg SM. 1982. EPA's monitoring program at Love Canal 1980. Environ Monitor Assess 2:249-271.

Havel RJ, Kane JP. 1973. Drugs and lipid metabolism. Ann Rev Pharmacol 13:287-308.

*Hayashi F, Motoki Y, Tamura H, et al. 1998. Induction of hepatic poly(ADP-ribose) polymerase by peroxisome proliferators, non-genotoxic hepatocarcinogens. Cancer Lett 127:1-7.

*Hayashi F, Tamura H, Yamada J, et al. 1994. Characteristics of the hepatocarcinogenesis cause by dehydroepiandrosterone, a peroxisome proliferator, in male F-344 rats. Carcinogenesis 15(10):2215-2219.

HazDat. 1992. Agency for Toxic Substances and Disease Registry (ATSDR), Atlanta, GA. October 30, 1992.

HazDat. 2000. Agency for Toxic Substance and Disease Registry, Atlanta, GA. http://www.atsdr.cdc.gov/hazdat.html. May 9, 2000.

HazDat 2001. Agency for Toxic Substances and Disease Registry, Atlanta, GA. http://www.atsdr.cdc.gov/hazdat.html.

*HazDat. 2002. Agency for Toxic Substances and Disease Registry, Atlanta, GA. http://www.atsdr.cdc.gov/hazdat.html. June 2002.

*Health Canada. 1998. Risk assessment on diisononyl phthalate in vinyl children's products. http://www.hc-sc.gc.ca/english/protection/warnings/1998/risk.html. March 19, 2002.

HEAST. 1990. Health Effects Assessment Summary Table. Third Quarter FY-1990. Washington, DC: U.S. Environmental Protection Agency.

*Heindel JJ, Chapin RE. 1989. Inhibition of FSH-stimulated cAMP accumulation by mono(2-ethylhexyl) phthalate in primary rat Sertoli cell cultures. Toxicol Appl Pharmacol 97:377-385.

Heindel JJ, Gulati DK, Mounce RC, et al. 1989. Reproductive toxicity of three phthalic acid esters in a continuous breathing protocol. Fundam Appl Toxicol 12:508-518.

*Hellwig J, Freudenberger H, Jäckh R. 1997. Differential prenatal toxicity of branched phthalate esters in rats. Food Chem Toxicol 35:501-512.

*Helmig D, Bauer A, Muller J, et al. 1990. Analysis of particulate organics in a forest atmosphere by thermodesorption GC/MS. Atmos Environ 24A(1):179-184.

Hertwich EG, Mckone TE. 2001. Pollutant-specific scale of multimedia models and its implications for the potential dose. Environ Sci Technol 2001(35):142-148.

*Hill SS, Shaw BR, Wu AHB. 2001. The clinical effects of plasticizers, antioxidants, and other contaminants in medical polyvinylchloride tubing during respiratory and non-respiratory exposure. Clinica Chimica Acta 304:1-8.

*Hillman LS, Goodwin SL, Sherman WR. 1975. Identification and measurement of plasticizer in neonatal tissues after umbilical catheters and blood products. N Engl J Med 292:381-386.

*Hinton RH, Mitchell FE, Mann A, et al. 1986. Effects of phthalic acid esters on the liver and thyroid. Environ Health Perspect 70:195-210.

*Hites RA. 1973. Analysis of trace organic compounds in New England river. J Chromatogr Sci 11:570-574.

Ho CT, Lee KN, Jin QZ. 1983. Isolation and identification of volatile flavor compounds in fried bacon. J Agric Food Chem 31:336-342.

Hodge HC. 1943. Acute toxicity for rats and mice of 2-ethylhexanol and di(2-ethylhexyl)phthalate. Proc Soc Exp Biol Med 53:20-23.

*Hodgson JR. 1987. Results of peroxisome induction studies on tri(2-ethylhexyl)trimellitate and 2-ethylhexanol. Toxicol Ind Health 3:49-61.

*Hodgson JR, Myhr BC, McKeon M, et al. 1982. Evaluation of di-(2-ethylhexyl)phthalate and its major metabolites in the primary rat hepatocyte unscheduled DNA synthesis assay. Environ Mutagen 4:388.

*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 KW. 1987. Measurement of polycyclic aromatic hydrocarbons in the air along the Niagara River. Environ Sci Technol 21:556-561.

Hopkins J. 1983. Is diethylhexyl phthalate genotoxic? Food Chem Toxicol 21:684-687.

*Hosokawa M, Hirata K, Nakata F, et al. 1994. Species differences in the induction of hepatic microsomal carboxylesterases caused by dietary exposure to di(2-ethylhexyl)phthalate, a peroxisome proliferator. Drug Metab Dispos 22(6):889-894.

*Howard PH. 1989. Handbook of environmental fate and exposure data of environmental chemicals. Vol. 1. Large production and priority pollutants. Chelsea, MA: Lewis Publishers Inc., 279-285.

*Howard PH, Meylan WM. 1997. Handbook of physical properties of organic chemicals. Boca Raton, FL: Lewis Publishers.

*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, Dobrota M, Price SC, et al. 1999. Changes induced in rats following administration of a mixture of di-n-hexyl phthalate and di-2-ethylhexyl phthalate. Toxicol Sci 18(12):763.

Howarth JA, Price SC, Dobroto M, et al. 2000. Effects on male rats of di-(ethylhexyl)phthalate and di-n-hexylphthalate administered alone or in combination. Toxicol Lett 121:35-43.

Howd RA, Brown JP, Morry DW, et al. 2000. Development of California public health goals (PHGs) for chemicals in drinking water. J Appl Toxicol 20:365-380

HSDB. 1990. Hazardous Substances Data Bank. National Library of Medicine, National Toxicology Information Program, Bethesda, MD. July 18, 1990.

HSDB. 1992. Hazardous substance data bank. Bethesda, MD: National Library of Medicine, National Toxicology Information System. June 1992.

HSDB. 2000. Hazardous substance data bank. Bethesda, MD: National Library of Medicine, National Toxicology Information System.

*HSDB. 2001. Bis(2-ethylhexyl)phthalate. Hazardous Substances Data Bank. http://toxnet.nlm.nih.gov/cgi-bin/sis/search. September 05, 2001.

*Huber WW, Grasl-Kraupp B, Schulte-Hermann R. 1996. Hepatocarcinogenic potential of di(2-ethylhexyl)phthalate in rodents and its implications on human risk. Crit Rev Toxicol 26(4):365-481.

*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.

*Iannuzzi TJ, Huntley SL, Schmidt CW, et al. 1997. Combined sewer overflows (CSOs) as sources of sediment contamination in the lower Passaic river, New Jersey. I. Priority pollutants and inorganic chemicals. Chemosphere 34(2):213-231.

*IARC. 1982. IARC monographs on the evaluation of the carcinogenic risk of chemicals to humans: Some industrial chemicals and dyestuffs. Vol. 29. International Agency for Research on Cancer, Lyon, France, 269-294.

IARC. 1987. IARC monograph on the evaluation of carcinogenic risks of chemicals to humans. Suppl 7. Overall evaluations of carcinogenicity: An updating of IARC monographs Vols. 1 to 42. World Health Organization, International Agency for Research on Cancer, Lyon, France, 29-33,62.

IARC. 1998. International Agency for Research on Cancer. Di(2-ethylhexyl) phthalate. http://193.51.164.11/htdocs/Mongr...129/Di(2-Ethylhexyl)Phthalate.html. April 13, 2000.

IARC. 2000. International Agency for Research on Cancer. Some industrial chemicals. http://193.51.164.11/htdocs/announcements/Vol77.htm

*IARC. 2001. Di(2-ethylhexyl)phthalate. International Agency for the Research on Cancer. Http://193.51.164.11/htdocs/Monographs/Vol77/77-01.html. December 10, 2001.

*ID DHW. 1999. Idaho Department of Health and Welfare. Air pollution control. http://www2.state.id.us/adm/adminrules/rules/idapa16/16index.htm. May 30, 2000.

*IJC. 1983. An inventory of chemical substances identified in the Great Lakes ecosystem. Vol 1. Summary. Report to the Great Lakes Water Quality Board by the International Joint Commission, Windsor, Ontario.

*Ikeda GJ, Sapienza PP, Couvillion JL, et al. 1980. Comparative distribution, excretion and metabolism of di-(2-ethylhexyl)phthalate in rats, dogs and miniature pigs. Food Cosmet Toxicol 18:637-642.

Inman JC, Strachan SD, Sommers LE, et al. 1984. A decomposition of phthalate esters in soil. J Environ Sci Health B19:245-257.

*IPCS. 1985. International Programme on Chemical Safety. Evaluation of short-term tests for carcinogens. Report of the international programme on chemical safety's collaborative study on *in vitro* assays. Prog Mutat Res 5:1-752.

*IPCS. 1992. International Programme on Chemical Safety. Diethylhexyl phthalate. EHC 131. Geneva, Switzerland: World Health Organization.

IRIS. 1990. Integrated Risk Information System. Washington, DC: U.S. Environmental Protection Agency. July 23, 1990.

IRIS. 2000. Integrated Risk Information System. Washington, DC: U.S. Environmental Protection Agency. May 2000. http://www.epa.gov/iris/subst/0014.htm. May 1, 2000.

*IRIS. 2001. Di(2-ethylhexyl)phthalate. Integrated Risk Information System. http://www.epa.gov/iris/subst/0014.htm. September 05, 2001.

IRPTC. 1990. International Register of Potentially Toxic Chemicals. United Nations Environment Programme, Geneva, Switzerland. July 1990.

*Isenburg JS, Kamendulis LM, Ackley DC, et al. 2001. Reversibility and persistence of di-2-ethylhexyl phthalate (DEHP)- and phenobarbital-0-induced hepatocellular changes in rodents. Toxicol Sci. 64: 192-199.

*Isenberg JS, Kamendulis LM, Smith JH, et al. 2000. Effects of Di-2-Ethlhexyl phthalate (DEHP) on gap-junctional intercellular communication (GJIC), DNA synthesis, and peroxisomal beta oxidation (PBOX) in rat, mouse, and hamster liver. Toxicol Sci 56:73-85.

*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.

*Ishihara M, Itoh M, Miyamoto K, et al. 2000. Spermatogenic disturbance induced by di-(2-ethylhexyl) phthalate is significantly prevented by treatment with antioxidant vitamins in the rat. Int J Androl 23:85-94.

*Issemann I, Green S. 1990. Activation of a member of the steroid hormone receptor superfamily by peroxisome proliferators. Nature 208:856-859.

*Issemann I, Green S. 1991. Cloning of novel members of the steroid hormone receptor superfamily. J Steroid Biochem Mol Biol. 40:263-269.

*Issemann I, Prince RA, Tugwood JD, et al. 1993. The peroxisome proliferator-activated receptor: retinoid X receptor heterodimer is activated by fatty acids and fibrate hypolipidaemic drugs. J Mol Endocrinol 11:37-47.

Iwahashi H, Takahasi Y. 2000. Bioassay for chemical toxicity using yeast Saccharomyces cerevisiae. Water Sci Technol 42:269-276.

Jacobson MS, Kevy SV, Grand RJ. 1977. Effects of a plasticizer leached from polyvinyl chloride on the subhuman primate: A consequence of chronic transfusion therapy. J Lab Clin Med 89:1066-1079.

*Jaeger RJ, Rubin RJ. 1972. Migration of a phthalate ester plasticizer from polyvinyl chloride blood bags into stored human blood and its localization in human tissues. N Engl J Med 287:1114-1118.

*James NH, Soames AR, Roberts RA. 1998. Suppression of hepatocyte apoptosis and induction of DNA synthesis by the rat and mouse hepatocarcinogen diethylhexylphthalate (DEHP) and the mouse hepatocarcinogen 1,4-dichlorobenzene (DCB). Arch Toxicol 72:784-790.

*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 103:582-587.

*Johanson CE. 1980. Permeability and vascularity of the developing brain: Cerebellum vs cerebral cortex. Brain Res 190:3-16.

Johanson M, Stenberg B, Torstensson L. 1999. Microbiological and chemical changes in two arable soils after long-term sludge amendments. Biol Fertil Soils 30:160-167.

*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.

*Jones DL, Burklin CE, Seaman JC, et al. 1996. Models to estimate volatile organic hazardous air pollutant emissions from municipal sewer systems. J Air Waste Manage Assoc 46:657-666.

*Jones HB, Garside DA, Liu R, et al. 1993. The influence of phthalate esters on Leydig cell structure and function *in vitro* and *in vivo*. Exp Mol Pathol 58:179-193.

*Juberg DR, Alfano K, Coughlin RJ, et al. 2001. An observational study of object mouthing behavior by young children. Pediatrics 107:135-142.

*Kambia K, Dine T, Gressier B, et al. 2001. High-performance liquid chromatographic method for the determination of di(2-ethylhexyl) phthalate in total parenteral nutrition and in plasma. J Chromatogr B755:297-303.

Kappus H. 1986. Overview of enzymes involved in bioreduction of drugs and in redox cycling. Biochem Pharm 35:1-6.

*Karle VA, Short BL, Martin GR, et al. 1997. Extracorporeal membrane oxygenation exposes infants to the plasticizer, di(2-ethylhexyl)phthalate. Crit Care Med 25:696-703.

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., 329-373.

Keller BJ, Yamanaka H, Liang D, et al. 1990. O_2 -dependent hepatotoxicity due to ethylhexanol in the perfused rat liver: Mitochondria as a site of action. J Pharmacol Exp Ther 252:1355-1360.

Kelley M, Groth-Watson A, Knoble D, et al. 1991. Induction of peroxisomal enzymes by a tetrazolesubstituted 2-quinolinylmethoxy leukotriene D_4 antagonist [abstract]. Toxicologist 11:184.

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

*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.

King JW. 1989. Fundamentals and applications of supercritical fluid extraction in chromatographic science. J Chromatogr Sci 27:355-364.

*Kirby PE, Pizzarello RF, Lawlor TE, et al. 1983. Evaluation of di-(2-ethylhexyl)phthalate and its major metabolites in the Ames test and L5178Y mouse lymphoma mutagenicity assay. Environ Mutagen 5:657-663.

Klaassen CD. 1990 Chapter 3: Principles of toxicology. In: Gilman AG, Rall TW, Nies AS, et al., eds. The pharmacological basis of therapeutics, 8th edition. New York, NY: Pergamon Press, 49-61.

Klaunig JE, Ruch RJ, DeAngelo AB, et al. 1988. Inhibition of mouse hepatocyte intercellular communication by phthalate monoesters. Cancer Lett 43:65-71.

Klein RG, Schanezer P, Schmahl D. 1987. Long-term inhalation study in Syrian golden hamsters with phthalic acid, bis(2-ethylhexyl)ester (DEHP) in relevant concentrations [abstract]. J Cancer Res Clin Oncol 113:S24.

*Klimisch HJ, Hellwig J, Kaufmann W, et al. 1991. Di-(2-ethylhexyl)phthalate (DEHP): Investigation of inhalation toxicity in rats after repeated exposure (28 d). Human Exp Toxicol 10:68.

Kluwe WM. 1986. Carcinogenic potential of phthalic acid esters and related compounds: Structure-activity relationships. Environ Health Perspect 65:271-278.

*Kluwe WM, Haseman JK, Douglas JF, et al. 1982a. The carcinogenicity of dietary di(2-ethylhexyl)phthalate in Fischer 344 rats and B6C3F₁ mice. J Toxicol Environ Health 10:797-815.

Kluwe WM, Haseman JK, Huff JE. 1983. The carcinogenicity of di(2-ethylhexyl)phthalate (DEHP) in perspective. J Toxicol Environ Health 12:159-169.

Kluwe WM, McConnell EE, Huff JE, et al. 1982b. Carcinogenicity testing of phthalate esters and related compounds by the National Toxicology Program and the National Cancer Institute. Environ Health Perspect 45:129-134.

Kodeikh N. 1985. [Kinetic study of phthalate accumulation and elimination in a model of inhalational exposure in volunteers]. Probl Khig 10:81-87. (Bulgarian)

*Kohn M, Parham F, Masten S, et al. 2000. Human exposure estimates for phthalates. Environ Health Perspect 108(10):A440-A442.

*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.

Konishi N, Diwan BA, Ward JM. 1989. Levels of DNA synthesis induced by di(2-ethylhexyl)-phthalate (DEHP) in the kidney or liver of the B6C3F1 mouse initiated prenatally with n-nitrosoethylurea (NEU) do not correlate with tumor promoting activity of DEHP [abstract]. Proc Am Assoc Cancer Res 30:212.

Kool HJ, van Kreijl CF, Zoeteman DC. 1982. Toxicology assessment of organic compounds in drinking water. CRC Crit Rev Environ Control 12:307-350.

Kopfler FC, Melton RG, Mullaney JL, et al. 1977. Human exposure to water pollutants. Adv Environ Sci Technol 8:419-433.

*Kornbrust DJ, Barfknecht TR, Ingram P, et al. 1984. Effect of di(2-ethylhexyl)phthalate on DNA repair and lipid peroxidation in rat hepatocytes and on metabolic cooperation in Chinese hamster V-79 cells. J Toxicol Environ Health 13:99-116.

*Kozumbo WJ, Kroll R, Rubin RJ. 1982. Assessment of the mutagenicity of phthalate esters. Environ Health Perspect 45:103-109.

Krauskopf LG. 1973. Studies on the toxicity of phthalates via ingestion. Environ Health Perspect 3:61-72.

*Krempien B, Ritz E. 1980. Acquired cystic transformation of the kidneys of haemodialyzed patients. Virchows Arch A Path L Anat Histol 386:189-200.

*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: Raven Press, Ltd., 149-188.

*Krishnan K, Andersen ME, Clewell HJ III, et al. 1994. Physiologically based pharmacokinetic modeling of chemical mixtures. In: Yang RSH, ed. Toxicology of chemical mixtures: Case studies, mechanisms, and novel approaches. San Diego, CA: Academic Press, 399-437.

*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 esterutilizing microorganisms in activated sludge inoculated with microorganisms. Agric Biol Chem 43:907-917.

*Kurata Y, Kidachi F, Yokoyama M, et al. 1998. Subchronic toxicity of di(2-ethylhexyl)phthalate in common marmosets: Lack of hepatic peroxisome proliferation, testicular atrophy, or pancreatic acinar cell hyperplasia. Toxicol Sci 42:49-56.

*Kurokawa Y, Takamura N, Matushima Y, et al. 1988. Promoting effect of peroxisome proliferators in two-stage rat renal tumorigenesis. Cancer Lett 43:145-149.

Labow RS, Card RT, Rock G. 1987. The effect of the plasticizer di(2-ethylhexyl)phthalate on red cell deformability. Blood 70:19-323.

*Lake BG. 1995. Mechanisms of hepatocarcinogenicity of peroxisome-proliferating drugs and chemicals. Annu Rev Pharmacol Toxicol 35:483-507.

Lake BG, Gray TJ. 1985. Species differences in hepatic peroxisome proliferation. Biochem Soc Trans 13:859-861.

*Lake BG, Gray TJ, Foster JR, et al. 1984a. Comparative studies on di(2-ethylhexyl)phthalate induced hepatic peroxisome proliferation in the rat and hamster. Toxicol Appl Pharm 72:46-60.

*Lake BG, Gray TJ, Gangolli SD. 1986. Hepatic effects of phthalate esters and related compounds - *in vivo* and *in vitro* correlations. Environ Health Perspect 67:283-90.

*Lake BG, Kozlen SL, Evans JG, et al. 1987. Effect of prolonged administration of clofibric acid and di-(2-ethylhexyl)phthalate on hepatic enzyme activities and lipid peroxidation in the rat. Toxicology 44:213-228.

Lake BG, Rijcken WR, Gray TJ, et al. 1984b. Comparative studies of the hepatic effects of di- and mono-<u>n</u>-octyl phthalates, di(2-ethylhexyl)phthalate and clofibrate in the rat. Acta Pharm Toxicol 54:167-176.

Lake BG, Tredger JM, Gray TJ, et al. 1984c. The effect of peroxisome proliferators on the metabolism and spectral interaction of endogenous substrates of cytochrome P-450 in rat hepatic microsomes. Life Sci 35:2621-2626.

Lalwani ND, Fahl WE, Reddy JK. 1983. Detection of a nafenopin-binding protein in rat liver cytosol associated with the induction of peroxisome proliferation by hypolipidemic compounds. Biochem Biophys Res Commun 116:388-393.

*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.

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

*Lapinskas PJ, Corton JC. 1997. Phthalate ester plasticizers differentially activate the peroxisome proliferator-activated receptors. Toxicologist 36:144.

*Latini G. 2000. Potential hazards of exposure to di-(2-ethylhexyl)-phthalate in babies. Biol Neonate 78:269-276.

*Latini G, Avery GB. 1999. Materials degradation in endotracheal tubes: a potential contributor to bronchopulmonary dysplasia. Acta Paediatr 88:1174-1175.

Lawrence WH, Malik M, Turner JE, et al. 1974. A toxicological investigation of the acute, subchronic, and chronic effects of administering di-2-ethylhexyl phthalate (DEHP) and other phthalate esters. Toxicol Appl Pharmacol 29:87-88.

Lawrence W, Malik M, Turner J, et al. 1975. A toxicological investigation of some acute, short-term and chronic effects of administering DEHP and other phthalate esters. Environ Res 9:1-11.

*Lay JO, Miller BJ. 1987. Plasticizers in pacifiers: Direct determination by FAB-MS. Anal Chem 59:1323-1325.

*Lazarow PB, deDuve C. 1976. A fatty acyl-CoA oxidizing system in rat liver peroxisomes; enhancement by clofibrate, a hypolipidemic drug. Proc Natl Acad Sci 73:2043-2046.

*Lee J, Richburg JH, Shipp EB, et al. 1999. The Fas system, a regulator of testicular germ cell apoptosis, is differentially up-regulated in sertoli cell *versus* germ cell injury of the testis. Endocrinology 140:852-858.

*Lee P-C, Borysewicz R, Struve M, et al. 1993. Development of lipolytic activity in gastric aspirates from premature infants. J Pediatr Gastroenterol Nutr 17(3):291-297.

*Lee S-H, Lee Y-C, Kim J-O, et al. 1997. Lack of the initiation of benzo[a]pyrene-induced mouse forestomach neoplasia by di(2-ethylhexyl)phthalate (DEHP). J Food Sci Nutr 2(2):96-100.

*Lee SST, Pineau T, Drago J, et al. 1995. Targeted disruption of the alpha isoform of the peroxisome proliferator-activated receptor gene in mice results in abolishment of the pleiotropic effects of peroxisome proliferators. Mol Cell Biol 15(6):3012-3022.

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

*Leung H-W. 1993. Physiologically-based pharmacokinetic modelling. In: Ballentine B, Marro T, Turner P, eds. General and applied toxicology. Vol. 1. New York, NY: Stockton Press, 153-164.

*Lewis LM, Flechtner TW, Kerkay J, et al. 1978. Bis(2-ethylhexyl)phthalate concentrations in the serum of hemodialysis patients. Clin Chem 24(5):741-746.

*Levy G. 1982. Gastrointestinal clearance of drugs with activated charcoal. N E Journal Med 307:676-677.

*Leyder F, Boulanger P. 1983. Ultraviolet absorption, aqueous solubility, and octanol-water partition for several phthalates. Bull Environ Contam Toxicol 30:152-157.

*Lhuguenot JC, Mitchell AM, Elcombe CR. 1988. The metabolism of mono-(2-ethylhexyl)phthalate (MEHP) and liver peroxisome proliferation in the hamster. Toxicol Ind Health 4:431-441.

*Lhuguenot JC, Mitchell AM, Milner G, et al. 1985. The metabolism of di(2-ethylhexyl)phthalate (DEHP) and mono(2-ethylhexyl)phthalate (MEHP) in rats: *in vivo* and *in vitro* dose and time dependency of metabolism. Toxicol Appl Pharmacol 80:11-22.

*Li L-H, Jester WF, Laslett A, et al. 2000. A single dose of Di-(2-ethylhexl) phthalate in neonatal rats alters gonocytes, reduces sertoli cell proliferation, and decreases cyclin D2 expression. Toxicol Appl Pharmacol 166:222-229.

*Li L-H, Jester WFJ, Orth JM. 1998. Effects of relatively low levels of mono-(2-ethylhexyl) phthalate on cocultured Sertoli cells and gonocytes from neonatal rats. Toxicol Appl Pharmacol 153:258-265.

Ligocki MP, Pankow JF. 1985. Assessment of adsorption/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.

*Ligocki MP, Leuenberger C, Pankow JF. 1985a. Trace organic compounds in rain. II. Gas scavenging of neutral organic compounds. Atmos Environ 19:1609-1617.

*Ligocki MP, Leuenberger C, Pankow JF. 1985b. Trace organic compounds in rain-III. Particle scavenging of neutral organic compounds. Atmos Environ 19(10):1619-1626.

Lindgren I, Lindquist NG, Lyden A, et al. 1982. A whole body autoradiographic study on the distribution of 14C-labelled di(2-ethylhexyl)phthalate in mice. Toxicology 23:149-58.

*Liss GM, Albro PW, Hartle RW, et al. 1985. Urine phthalate determinations as an index of occupational exposure to phthalic anhydride and di(2-ethylhexyl)phthalate. Scand J Work Environ Health 11:381-387.

*Livingston, AL. 1978. Forage plant estrogens. J Toxicol Environ Health 4:301-324.

*Lloyd SC, Foster PMD. 1988. Effect of mono-(2-ethylhexyl)phthalate on follicle-stimulating hormone responsiveness of cultured rat Sertoli cells. Toxicol Appl Pharmacol 95:484-489.

*Loff S, Kabs F, Witt K, et al. 2000. Polyvinylchloride infusion lines expose infants to large amounts of toxic plazticizers. J Pediatr Surg 35(12):1775-1781.

*Lopes TJ, Furlong T. 2001. Occurrence and potential adverse effects of semivolatile organic compounds in streambed sediment, United States, 1992-1995. Environ Toxicol Chem 20:727-737.

*Lopes TJ, Furlong ET, Pritt JW. 1997. Occurrence and distribution of semivolatile organic compounds in stream bed sediments, United States, 1992-95. In: Little EE, Greenberg BM, DeLonay AJ, eds. Environmental toxicology and risk assessment: 7th volume. West Conshohocken, PA: ASTM, 105-119.

Lovekamp TN, Davis BJ. 2001. Mono-(2-ethlhexyl) phthalate suppresses armotase transcript levels and estradial production in cultured rat granulosa cells. Toxicol Appl Pharmacol 172:217-224.

*Lutz WK. 1986. Investigation of the potential for binding of di(2-ethylhexyl)phthalate (DEHP) to rat liver DNA *in vivo*. Environ Health Perspect 65:267-269.

*Malcolm AR, Mills LJ. 1983. Inhibition of metabolic cooperation between Chinese hamster V79 cells by tumor promoters and other chemicals. Ann NY Acad Sci. 407:488-450.

*Malcolm AR, Mills LJ. 1989. Inhibition of gap-functional intercellular communication between Chinese hamster lung fibroblasts by di(2- ethylhexyl)phthalate (DEHP) and trisodium nitrilotriacetate monohydrate (NTA). Cell Biol Toxicol 5:145-153

*Maloney EK, Waxman DJ. 1999. Trans-activation of PPAR α and PPAR γ by structurally diverse environmental chemicals. Toxicol Appl Pharmacol 161:209-218.

Mangham BA, Foster JR, Lake BG. 1981. Comparison of the hepatic and testicular effects of orally administered di(2-ethylhexyl)phthalate and dialkyl 79 phthalate in the rat. Toxicol Appl Pharmacol 61:205-214.

Mannsville Chemical Products Corp. 1990. Chemical products synopsis: Dioctyl phthalate. Mansville Chemical Products Corp., Asbury Park, NJ.

*Mannsville Chemical Products Corporation. 1999. Chemical products synopsis: Dioctyl phthalate. Mannsville Chemical Products Corp., Adams, NY.

*Marsman DS, Cattley RC, Conway JG, et al. 1988. Relationship of hepatic peroxisome proliferation and replicative DNA synthesis to the hepatocarcinogenicity of the peroxisome proliferators di(2-ethylhexyl)phthalate and [4-chloro-6-(2,3-xylidino)-2-pyrimidinylthio]acetic acid (Wy-14,643) in rats. Cancer Res 48:6739-6744.

*Marsman DS, Goldsworthy TL, Popp JA. 1992. Contrasting hepatocytic peroxisome proliferation, lipofuscin accumulation and cell turnover for the hepatocarcinogens Wy-14,643 and clofibric acid. Carcinogenesis 13(6):1011-1017.

*Maruyama H, Amanuma T, Tsutsumi M, et al. 1994. Inhibition by catechol and di(2ethylhexyl)phthalate of pancreatic carcinogenesis after initiation with N-nitrosobis(2hydroxypropyl)amine in Syrian hamsters. Carcinogenesis 15(6):1193-1196.

*Marx J. 1990. Animal carcinogen testing challenged. Science 250:743-745.

Mathur S. 1974. Phthalate esters in the environment: Pollutants or natural products? J Environ Quality 3:189.

*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.

*McDowell DC, Metcalfe CD. 2001. Phthalate esters in sediments near a sewage treatment plant outflow in Hamilton Harbour, Ontario: SFE extraction and environmental distribution. J Great Lakes Res 27(1):3-9.

*McFall JA, Antoine, SR, DeLeon IR. 1985a. Base-neutral extractable organic pollutants in biota and sediments from Lake Pontchartrain. Chemosphere 14:1561-1569.

*McFall JA, Antoine SR, DeLeon IR. 1985b. Organics in the water column of Lake Pontchartrain. Chemosphere 14:1253-1265.

*McGilvery RW, Goldstein GW. 1983. Biochemistry, a functional approach. 3rd ed. Philadelphia, PA: W.B. Saunders Co., 416, 456-457.

McKee RH. 2000. The role of inhibition of gap junctional intercellular communication in rodent tumor induction by phthalates: review on selected phthalates and the potential relevance to man. Regul Toxicol Pharmacol 32:51-55.

McMurray WC. 1982. A synopsis of human biochemistry with medical applications. Philadelphia, PA: Harper and Row, Publishers, 167-182.

Medeiros AM, Devlin D, Keller LH. 1999. Evaluation of skin sensitization response of dialkyl (C6-C13) phthalate esters. Contact Dermatitis 41:287-289.

*Mehrotra K, Morgenstern R, Ahlberg MB, et al. 1999. Hypophysectomy and/or peroxisome proliferators strongly influence the levels of phase II xenobiotic metabolizing enzymes in rat testis. Chem Biol Interact 122:73-87.

*Mehrotra K, Morgenstern R, Lundqvist G, et al. 1997. Effects of peroxisome proliferators and/or hypothyroidism on xenobiotic-metabolizing enzymes in rat testis. Chem Biol Interact 104:131-145.

*Melnick RL. 2001. Is peroxisome proliferation an obligatory precursor step in the carcinogenicity of di(2-ethylhexyl) phthalate (DEHP)? Environ Health Perspect 109(5):437-442.

Melnick RL, Schiller CM. 1985. Effect of phthalate esters on energy coupling and succinate oxidation in rat liver mitochondria. Toxicology 34:13-27.

*Melnick RL, Morrissey RE, Tomaszewski KE. 1987. Studies by the National Toxicology Program on di(2-ethylhexyl)phthalate. Toxicol Ind Health 3:99-118.

Menzer RE, Nelson JO. 1986. Water and soil pollutants. In: Klaassen CD, Amdur MO, Doull J, eds. Casarett and Doull's Toxicology, 3rd ed., New York: Macmillan, 841-842.

*Merkle J, Klimisch H-J, Jackh R. 1988. Developmental toxicity in rats after inhalation exposure of di-2-ethylhexylphthalate (DEHP). Toxicol Lett 42:215-223.

*Mes J, Coffin DE, Campbell DS. 1974. Di-n-butyl- and di-2-ethylhexyl phthalate in human adipose tissue. Bull Environ Contam Toxicol 12:721-725.

*Meylan B, Howard P. 1993. Atmospheric oxidation program. Syracuse Research Corporation Syracuse, NY.

Michael LC, Pellizzari ED, Wiseman RW. 1988. Development and evaluation of a procedure for determining volatile organics in water. Environ Sci Technol 22:565-570.

Michael PR, Adams WJ, Werner AF, et al. 1984. Surveillance of phthalate esters in surface waters and sediments in the U.S. Environmental Toxicology and Chemistry 3:377.

*Mikalsen S-O, Holen I, Sanner T. 1990. Morphological transformation and catalase activity of Syrian hamster embryo cells treated with hepatic peroxisome proliferators, TPA and nickel sulphate. Cell Biol Toxicol 6(1):1-14.

*Ministry of Agriculture, Fisheries and Foods. 1990. Plasticisers: continuing surveillance. The thirtieth report of the Steering Group on Food Surveillance. The Working Party on Chemical Contaminants from Food Contact Materials: Sub-group on Plasticisers. London: Edinburgh Press, 1-53.

*Mitchell AM, Lhuguenot JC, Bridges JW, et al. 1985a. Identification of the proximate peroxisome proliferator(s) derived from di(2-ethylhexyl)phthalate. Toxicol Appl Pharmacol 80:23-32.

*Mitchell FE, Price SC, Hinton RH, et al. 1985b. Time and dose-response study of the effects on rats of the plasticizer di(2-ethylhexyl)phthalate. Toxicol Appl Pharmacol 81:371-392.

Miyamoto Y. 2000. Is tumor necrosis factor a trigger for the initiation of endometrial prostalandin F2 release at luteolysis in cattle? Biol Reprod. 62(5):183-185.

*Mocchiutti NO, Bernal CA. 1997. Effects of chronic di(2-ethylhexyl) phthalate intake on the secretion and removal rate of triglyceride-rich lipoproteins in rats. Food Chem Toxicol 35:1017-1021.

*Montgomery JH, Welkom LM. 1990. Groundwater chemicals desk reference. Chelsea, MI: Lewis Publishers, Inc., 93-95.

*Morelli-Cardoso MHW, Lachter ER, Tabak D, et al. 1999. Determination of the specific migration of DEHP into food stimulants using high performance liquid chromatography. J High Resolut Chromatogr 22(1):70-72.

*Moore RW, Rudy TA, Lin T-M, et al. 2001. Abnormalities of sexual development in male rats with *in utero* and lactational exposure to the antiandrogenic plasticizer. Environ Health Perspect 109:229-237.

*Moore NP. 2000. The oestrogenic potential of the phthalate esters. Reprod Toxicol 14:183-192.

*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.

Morton SJ. 1979. Hepatic effects of dietary DEHP. Ph.D. Thesis at Johns Hopkins. Baltimore, MD.

*Moser VC, Cheek BM, MacPhail RC. 1995. A multidisciplinary approach to toxicological screening: III. Neurobehavioral toxicity. J Toxicol Environ Health 45:173-210.

Moss EJ, Cook MW, Thomas LV, et al. 1988. The effect of mono-(2-ethylhexyl) phthalate and other phthalate esters on lactate production by Sertoli cells *in vitro*. Toxicol Lett 40:77-84.

Mountcastle VB. 1980. Medical Physiology Vol. 2, 14th edition. St. Louis, MO: C.V. Mosby Company.

*Muhlenkamp CR, Gill SS. 1998. A glucose-regulated protein, GRP58, is down-regulated in C57B6 mouse liver after diethylhexyl phthalate exposure. Toxicol Appl Pharmacol 148:101-108.

*Mukherjee R, Jow L, Noonan D, et al. 1994. Human and rat peroxisome proliferator activated receptors (PPARs) demonstrate similar tissue distribution but different responsiveness to PPAR activators. J Steroid Biochem Mol Biol 51(3/4):157-166.

Murature DA, Tang SY, Steinhardt G, et al. 1987. Phthalate esters and semen quality parameters. Biomed Environ Mass Spectrom 14:473-478.

*Murray HE, Ray LE, Giam CS. 1981. Analysis of marine sediment, water and biota for selected organic pollutants. Chemosphere 10:1327-1334.

*Nagata S, Goldstein P. 1995. The fas death factor. Science 267: 1449-1456.

*Nair N, Kurup CK. 1986. Investigations on the mechanism of the hypocholesterolemic action of diethylhexylphthalate in rats. Biochem Pharmacol 35:3441-3448.

*Nair N, Kurup CK. 1987a. Effect of administration of diethylhexyl phthalate on the function and turnover of rat hepatic mitochondria. Biochem Biophys Acta 925:332-340.

*Nair N, Kurup CK. 1987b. Increase in hepatic ubiquinone on administration of diethylhexyl phthalate to the rat. Journal of Bioscience 11:391-397.

Nakamura Y, Yasuoki Y, Tomita I, et al. 1979. Teratogenicity of di(2-ethylhexyl)phthalate in mice. Toxicol Lett 4:113-117.

*Narotsky MG, Weller EA, Chinchilli VM, et al. 1995. Nonadditive development toxicity in mixtures of trichloroethylene, di(2-ethylhexyl)phthatate, and heptochlor in a 5 X 5 X 5 design. Fundam Appl Toxicol 27:203-216.

NAS. 1977. Drinking water and health. Washington, DC: National Academy of Sciences, 726-729.

*NAS/NRC. 1989. Report of the oversight committee. In: Biologic markers in reproductive toxicology. Washington, DC: National Academy of Sciences, National Research Council, National Academy Press.

Nassberger L, Arbin A, Ostelius J. 1987. Exposure of patients to phthalates from polyvinyl chloride tubes and bags during dialysis. Nephron 45:286-290.

*Nasu M, Goto M, Oshima Y, et al. 2001. Study on endocrine disrupting chemicals in wastewater treatment plants. Water Sci Technol 43(2):101-208.

NATICH. 1989. National Air Toxics Information Clearinghouse: NATICH database 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. EPA-450/3-89-29.

Needham LL, Blount B, Rogers S, et al. 2000. Levels of selected nonpersistant endocrine disrupters in humans. In: Analysis of environmental endocrine disrupters. American Chemical Society, Washington, DC, 147-157.

NFPA. 1978. Fire protection guide for hazardous materials.

*Niino T, Ishibashi T, Itho T, et al. 2001. Monoester formation by hydrolysis of dialkyl phthalate migrating from polyvinyl chloride products in human saliva. J Health Sci 47(3):318-322.

*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.

NIOSH. 1977. NIOSH manual of analytical methods. 2nd ed. Vol. 2. Cincinnati, OH: U.S. Department of Health and Human Services, National Institute for Occupational Safety and Health, S40-1-S40-9.

*NIOSH. 1985a. Dibutyl phthalate and di(2-ethylhexyl) phthalate - method 5020. In: NIOSH manual of analytical methods. 3rd ed. Cincinnati, OH: U.S. Department of Health and Human Services, National Institute for Occupational Safety and Health.

*NIOSH. 1985b. NIOSH pocket guide to chemical hazards. Washington, DC: U.S. Department of Health and Human Services, National Institute for Occupational Safety and Health.

NIOSH. 1992. NIOSH recommendations for occupational safety and health: Compendium of policy documents and statements. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control, National Institute of Occupational Safety and Health, Division of Standards Developmental and Technology Transfer.

NIOSH. 2000. NIOSH pocket guide to chemical hazards: Di-sec octyl phthalate. National Institute of Occupational Safety and Health. http://www.cdc.gov/niosh/npg/npgd0236.html. April 13, 2000.

*NIOSH. 2001. Di-sec octyl phthalate. NIOSH pocket guide to chemical hazards. National Institute for Occupational Safety and Health. http://www.cdc.gov/niosh/npg/npgd0236.html. December 10, 2001.

*NJ DEP. 1993. New Jersey Department of Environmental Protection. Ground water quality standards. N.J.A.C. 7:9-6. http://www.state.nj.us/dep/dwq/rules.htm. May 7, 2000.

*NOES. 1990. National Occupational Exposure Survey. Cincinnati, OH: National Institute of Occupational Safety and Health. July 16, 1990.

NOHS. 1990. National Occupational Hazard Survey. Cincinnati, OH: National Institute of Occupational Safety and Health. July 16, 1990.

*Northup S, Martis L, Ulbricht R, et al. 1982. Comment on the carcinogenic potential of bis(2-ethylhexyl)phthalate. J Toxicol Environ Health 10:493-518.

*NRC. 1993. National Research Council. Pesticides in the diets of infants and children. Washington, DC: National Academy Press.

*NTP. 1982a. National Toxicology Program. Carcinogenesis bioassay of di(2-ethylhexyl)phthalate (CAS No. 117-81-7) in F344 rats and B6C3F₁ mice (feed study). Research Triangle Park, NC: U.S. Department of Health and Human Services, Public Health Services, National Institute of Health. NTP publication no. 217.

NTP. 1982b. Diethylhexyl phthalate (DEHP): Reproduction and fertility assessment in CD-1 mice when administered in the feed. National Toxicology Program, Research Triangle Park, NC. NTP-82-FACB003.

*NTP. 1989. National Toxicology Program. Fifth Annual Report on Carcinogens: Summary 1989. National Institute of Environmental Health Sciences, Research Triangle Park, NC.

*NTP. 2000a. National Toxicology Program. Eighth Report on Carcinogens. http://ntp-server.niehs.gov/NewHomeRoc/RAHC_list.html.

*NTP. 2000b. *NTP-CERHR expert panel report on di(2-ethylhexyl)phthalate*. NTP-CERHR-DEHP-00. U.S. Department of Health and Human Services, National Toxicology Program, Center for the Evaluation of Risks to Human Reproduction available at http://cerhr.niehs.nih.gov/news/index.html. May 11, 2000.

*Nyssen GA, Miller ET, Glass TF, et al. 1987. Solubilities of hydrophobic compounds in aqueousorganic solvent mixtures. Environ Monit Assess 9:1-11.

*O'Connor GA. 1996. Organic compounds in sludge-amended soils and their potential for uptake by crop plants. Sci Total Environ 185:71-81.

*O'Connor OA, Rivera MD, Young LY. 1989. Toxicity and biodegradation of phthalic acid esters under methanogenic conditions. Environ Toxicol Chem 8:569-576.

O'Grady DP, Howard PH. 1984. Activated sludge biodegradation of 12 commercial phthalate esters. Report to Chemical Manufacturers Association by Syracuse Research Corporation. Contract No. PE-17.0-ET-SRC. SRC L1553-03. *O'Grady DP, Howard PH, Werner AF. 1985. Activated sludge biodegradation of 12 commercial phthalate esters. Appl Environ Microbiol 49:443-445.

*Oesterle D, Deml E. 1988. Promoting activity of di(2-ethylhexyl)phthalate in rat liver foci bioassay. J Cancer Res Clin Oncol 11:133-136.

OHMTADS. 1990. Oil and Hazardous Materials/Technical Assistance Data System. Chemical Information Systems, Inc., Baltimore, MD. July 26, 1990.

*Øie L, Hersoug L-G, Madsen JO. 1997. Residential exposure to plasticizers and its possible role in the pathogenesis of asthma. Environ Health Perspect 105(9):972-978.

*Oishi S. 1985. Reversibility of testicular atrophy induced by di(2-ethylhexyl)phthalate in rats. Environ Res 36:160-169.

*Oishi S. 1986. Testicular atrophy induced by di(2-ethylhexyl)phthalate: Changes in histology, cell specific enzyme activities and zinc concentrations in rat testis. Arch Toxicol 59:290-295.

*Oishi S. 1989a. Enhancing effects of luteinizing hormone-releasing hormone on testicular damage induced by di-(2-ethylhexyl)phthalate in rats. Toxicol Lett 47:271-277.

*Oishi S. 1989b. Effects of co-administration of di(2-ethylhexyl)phthalate and testosterone on several parameters in the testis and pharmacokinetics of its mono-de-esterified metabolite. Arch Toxicol 63:289-295.

*Oishi S. 1990. Effects of phthalic acid esters on testicular mitochondrial functions in the rat. Arch Toxicol 64:143-147.

*Oishi S. 1994. Prevention of di(2-ethylhexyl)phthalate-induced testicular atrophy in rats by coadministration of the vitamin B_{12} derivative adenosylcobalamin. Arch Environ Contam Toxicol 26:497-503.

*Oishi S, Hiraga K. 1979. Effect of phthalic acid esters on gonadal function in male rats. Bull Environ Contam Toxicol 21:65-67.

*Oishi S, Hiraga K. 1980a. Testicular atrophy induced by phthalic acid esters: Effect on testosterone and zinc concentrations. Toxicol Appl Pharmacol 53:35-41.

*Oishi S, Hiraga K. 1980b. Effect of phthalic esters on mouse testes. Toxicol Lett 5:413-416.

Oishi S, Hiraga K. 1982. Distribution and elimination of di(2-ethylhexyl)phthalate (DEHP) and mono(2-ethylhexyl)phthalate (MEHP) after a single oral administration of DEHP in rats. Arch Toxicol 51:149-155.

*Oishi S, Hiraga K. 1983. Testicular atrophy induced by di(2-ethylhexyl)phthalate: Effect of zinc supplement. Toxicol Appl Pharmacol 70:43-48.

Oppelt ET. 1987. Incineration of hazardous waste: A critical review. J Air Pollut Control Assoc 37:558-586.

OSHA. 1986. Occupational Safety and Health Administration. Federal Register 51:42257-42266.

*OSHA. 1989. Occupational Safety and Health Administration: Part III. Federal Register. 54:2332-2936.

OSHA. 1999a. Occupational Safety and Health Administration. Code of Federal Regulations. 29 CFR 1910.1000: Air contaminants.

OSHA. 1999b. Occupational Safety and Health Administration. Code of Federal Regulations. 29 CFR 1915.1000: Air contaminants.

OSHA. 1999c. Occupational Safety and Health Administration. Code of Federal Regulations. 29 CFR 1926.55: Gases, vapors, fumes, dusts, and mists.

*OSHA. 2001a. Air contaminants—shipyards. Occupational Safety and Health Administration. Code of Federal Regulations. 29 CFR 1915.1000. http://www.sha-slc.gov/OshStd_data/1915_1000.html. September 17, 2001.

*OSHA. 2001b. Limits for air contaminants. Occupational Safety and Health Administration. Code of Federal Regulations. 29 CFR 1910.1000. http://www.sha-slc.gov/OshStd_data/1910_1000_TABLE_Z.html. September 17, 2001.

*OSHA. 2001c. Gases, vapors, fumes, dusts, and mists. Construction industry. Occupational Safety and Health Administration. Code of Federal Regulations. 29 CFR 1926.55. http://frwebgate.access.gpo.gov/cgi-bin/. September 18, 2001.

*Otake T, Yoshinaga J, Yanagisawa Y. 2001. Analysis of organic esters of plasticizer in indoor air by GC-MS and GC-FPD. Environ Sci Technol (35):3099-3102.

*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.

*Paganetto G, Campi F, Varani K, et al. 2000. Endocrine-disrupting agents on healthy human tissues. Pharmacol Toxicol 86:24-29.

*Palmer CNA, Griffin KJ, Raucy JL, et al. 1998. Peroxisome proliferator activated receptor-alpha expression in human liver. Mol Pharmacol 53:14-22.

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.

*Parks LG, Ostiby JS, Lambright CR, et al. 2000. The plasticizer diethylhexyl phthalate induces malformations by decreasing fetal testosterone synthesis during sexual differentiation in the male rat. Toxicol Sci 58:339-349.

Parmar D, Srivastava SP, Seth PK. 1986. Effect of di(2-ethylhexyl)phthalate (DEHP) on spermatogenesis in adult rats. Toxicology 42:47-55.

*Parmar D, Srivastava SP, Seth PK. 1988. Effect of di(2-ethylhexyl)phthalate (DEHP) on hepatic mixed function oxidases in different animal species. Toxicol Lett 40:209-217.

*Parmer D, Srivastava SP, Seth PK. 1994. Age related effects of di(2-ethylhexyl)phthalate on hepatic cytochrome P450 monooxygenases in Wistar rats. Pharmacol Toxicol 75:177-180.

*Parmar D, Srivastava SP, Singh GB, et al. 1987. Effect of testosterone on the testicular atrophy caused by di(2-ethylhexyl)phthalate (DEHP). Toxicol Lett 36:297-308.

*Parmar D, Srivastava SP, Singh GB, et al. 1995. Testicular toxicity of di(2-ethylhexyl)phthalate in developing rats. Vet Hum Toxicol 37(4):310-313.

Parmar D, Srivastava SP, Srivastava SP, et al. 1985. Hepatic mixed function oxidases and cytochrome P-450 contents in rat pups exposed to di(2-ethylhexyl)phthalate through mother's milk. Drug Metab Dispos 13:368-370.

*Parry JM, Arni P, Brooks T, et al. 1985. Summary report on the performance of the yeast and Aspergillus assays. Prog Mut Res 5:25-46.

*Parvinen M. 1982. Regulation of the seminiferous epithelium. Endocrine Rev 3(4):404-416.

Peck CC, Albro PW. 1982. Toxic potential of the plasticizer di(2-ethylhexyl)phthalate in the context of its disposition and metabolism in primates and man. Environ Health Perspect 45:11-17.

*Perera MI, Katyal SL, Shinozuka H. 1986. Suppression of choline-deficient diet-induced hepatocyte membrane lipid peroxidation in rats by the peroxisome proliferators 4-chloro-6-(2,3-xylidino)-2-pyrimidinylthio(<u>N</u>-beta-hydroxyethyl)acetamide and di(2-ethylhexyl)phthalate. Cancer Res 46:3304-3308.

Persson P, Penttinen H, Nvortera P. 1978. DEHP in the vicinity of an industrial area in Finland. Environ Pollu 16:163.

*Peters JM, Cattley RC, Gonzalez FJ. 1997a. Role of PPARα in the mechanism of action of the nongenotoxic carcinogen and peroxisome proliferator Wy-14,643. Carcinogenesis 18(11):2029-2033.

*Peters JM, Taubeneck MW, Keen CL, et al. 1997b. Di(2-ethylhexyl)phthalate induces a functional zinc deficiency during pregnancy and teratogenesis that is independent of peroxisome proliferator-activated receptor-α. Teratology 56:311-316.

Peterson A, Draman A, All P, et al. 1974. Toxicity of plastic devices having contact with blood. NTIS no. PB-233701.

*Peterson JH, Breindahl T. 2000. Plasticizers in total diet samples, baby food and infant formulate. Food Addit Contam 17(2):133-141.

Petrasek AC, Kugelman IJ, Austern BM, et al. 1983. Fate of toxic organic compounds in wastewater treatment plants. J Water Pollut Control Fed 55:1286-1296.

*Petrovic M, Barcelo D. 2000. Determination of anionic and nonionic surfactants, their degradation products, and endocrine-disrupting compounds in sewage sludge by liquid chromatograpy/mass spectrometry. Anal Chem 72:4560-4567.

*Phillips BJ, James TE, Gangolli SD. 1982. Genotoxicity studies of di(2-ethylhexyl)phthalate and its metabolites in CHO cells. Mutat Res 102:297-304.

271

Phokha W, Kessler W, Filser JG. 2001. Systemic burden of di(2-ethylhexyl) phthalate and mono (2-ethylhexyl) phthalate in rats oral administration of di (2-ethylhexyl) phthalate. Naunyn-Schmiedebergs Arch Pharmacol 363:R139.

*Plonait SL, Nau H, Maier RF, et al. 1993. Exposure of newborn infants to di-(2-ethylhexyl)-phthalate and 2-ethylhexanoic acid following exchange transfusion with polyvinylchloride catheters. Transfusion 33:598-605.

*Plumb RH Jr. 1987. A comparison of ground water monitoring data from CERCLA and RCRA sites. Ground Water Monitoring Review (Fall):94-100.

*Pollack GM, Buchanan JF, Slaughter RL, et al. 1985a. Circulating concentrations of di(2-ethylhexyl)phthalate and its de-esterified phthalic acid products following plasticizer exposure in patients receiving hemodialysis. Toxicol Appl Pharmacol 79:257-267.

*Pollack GM, Li RC, Ermer JC, et al. 1985b. Effects of route of administration and repetitive dosing on the disposition kinetics of di(2-ethylhexyl)phthalate and its mono-de-esterified metabolite in rats. Toxicol Appl Pharmacol 79:246-256.

*Poon R, Lecavalier P, Mueller R, et al. 1997. Subchronic oral toxicity of di-n-octyl phthalate and di(2-ethylhexyl) phthalate in the rat. Food Chem Toxicol 35:225-239.

*Popp JA, Garvey LK, Hamm TE, et al. 1985. Lack of hepatic promotional activity by the peroxisomal proliferating hepatocarcinogen di(2-ethylhexyl) phthalate. Carcinogenesis 6(1):141-144.

*Poulin P, Krishnan K. 1993. Molecular structure-based prediction of the partition coefficients of organic chemicals from n-octanol: water partition coefficient data. J Toxicol Environ Health 46:117-129.

*Preston MR, Al-Omran LA. 1989. Phthalate ester speciation in estuarine water, suspended particulates and sediment. Environmental Pollution 62:183-193.

*Price CJ, Tyl RW, Marr MC, et al. 1986. Reproduction and fertility evaluation of diethylhexyl phthalate (CAS No. 117-81-7) in Fischer 344 rats exposed during gestation. Final report. Research Triangle Park, NC: National Toxicology Program. NTP-86-309.

*Price CJ, Tyl RW, Marr MC, et al. 1988c. Reproduction and fertility of diethylhexyl phthalate (CAS No. 117-81-7) in CD-1-mice exposed during gestation. Research Triangle Park, NC: National Toxicology Program. PB-88204300.

*Price SC, Chescoe D, Grasso P, et al. 1988a. Alterations in the thyroids of rats treated for long periods with di-(2-ethylhexyl) phthalate or with hypolipidaemic agents. Toxicol Lett 40:37-46.

*Price SC, Ochieng W, Weaver R, et al. 1987. Studies on the mechanisms of changes produced in the liver, thyroid, pancreas and kidney by hypolipidemic drugs and di-(2-ethylhexyl)phthalate. In: Reid E, Cook GM, Luzio JP, eds. Cells, membranes, and disease, including renal. Vol. 17(B). New York: Plenum Press 67-78.

Price SC, Ozalp S, Weaver R, et al. 1988b. Thyroid hyperactivity caused by hypolipodaemic compounds and polychlorinated biphenyls: The effect of coadministration in the liver and thyroid. Arch Toxicol (Suppl 12):85-92.

*Priston FA, Dean BJ. 1985. Tests for the induction of chromosome aberrations, polyploidy and sister chromatid exchanges in rat liver (RL_4) cells. Prog Mut Res 5:387-95.

*Probst GS, Hill LE. 1985. Tests for the induction of DNA repair synthesis in primary cultures of adult rat hepatocytes. Prog Mut Res 5:381-386.

*Pugh G, Isenberg JS, Kamendulis LM, et al. 2000. Effects of Di-isononyl phthalate, Di-2-ethylhexl phthalate, and clofibrate in cynomolgus monkeys. Toxicol Sci 56:181-188.

*Putman DL, Moore WA, Schechtman LM, et al. 1983. Cytogenetic evaluation of di-(2ethylhexyl)phthalate and its major metabolites in Fischer 344 rats. Environ Mutagen 5:227-231.

*Ramsey JC and Anderson 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 8:637-645.

*Rao MS, Reddy JK. 1996. Hepatocarcinogenesis of peroxisome proliferators. Ann N Y Acad Sci 5:573-587.

*Rao MS, Usuda N, Subbarao V, et al. 1987. Absence of gamma-glutamyl transpeptidase activity in neoplastic lesions induced in the liver of male F-344 rats by di-(2-ethylhexyl)phthalate, a peroxisome proliferator. Carcinogenesis 8:1347-1350.

*Rao MS, Yeldandi AV, Subbarao V. 1990. Quantitative analysis of hepatocellular lesions induced by di(2-ethylhexyl)phthalate in F-344 rats. J Toxicol Environ Health 30:85-89.

*Ray LE, Murray HE, Giam CS. 1983. Organic pollutants in marine samples from Portland, Maine. Chemosphere 12:1031-1038.

Reddy JK. 1987. Cell specificity in the induction of peroxisome proliferation. In: Fowler BA, ed. Mechanisms of cell injury: Implications for human health. New York, NY: John Wiley & Sons, Ltd., 83-99.

*Reddy JK, Lalwani ND. 1983. Carcinogenesis by hepatic peroxisome proliferators: Evaluation of the risk of hypolipidemic drugs and industrial plasticizers to humans. Crit Rev Toxicol 12:1-58.

*Reddy JK, Rao MS. 1989. Oxidative DNA damage caused by persistent peroxisome proliferation: its role in hepatocarcinogenesis. Mutat Res 214:63-68.

Reddy JK, Moody DE, Azarnoff DL, et al. 1976. Di(2-ethylhexyl)phthalate: An industrial plasticizer induces hypolipidemia and enhances hepatic catalase and carnitine acetyltransferase activities in rats and mice. Life Sci 18:941-946.

*Reddy JK, Reddy MK, Usman MI, et al. 1986. Comparison of hepatic peroxisome proliferative effect and its implication for hepatocarcinogenicity of phthalate esters, di(2-ethylhexyl)phthalate and di(2-ethylhexyl)adipate with a hypolipidemic drug. Environ Health Perspect 65:317-327.

*Reid LM. 1990. Defining hormone and matrix requirements for differentiated epithelia. In: Pollard JW, Walker MW, eds. Methods in molecular biology: Animal cell culture. Clifton, New Jersey: Humana Press, 237-266.

Reid LM, Luntz TL. 1997. Ex vivo maintenance of differentiated mammalian cells. In: Pollard JW, Walker MW, eds. Basic cell culture protocols. Totowa, New Jersey: Humana Press, 31-57.

*Rhodes C, Orton TC, Pratt IS, et al. 1986. Comparative pharmacokinetics and subacute toxicity of di(2ethylhexyl)phthalate in rats and marmosets: Extrapolation of effects in rodents to man. Environ Health Perspect 65:299-308.

*Richburg JH, Boekelheide K. 1996. Mono-(2-ethylhexyl) phthalate rapidly alters both Sertoli cell vimentin filaments and germ cell apoptosis in young rat testes. Toxicol Appl Pharmacol 137:42-50.

Risch SJ. 1988. Migration of toxicants, flavors, and odor-active substances from flexible packaging materials to food. Food Technology 42:95-102.

*Ritsema R, Cofino WP, Frintrop PCM, 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.

*Ritter EJ, Scott WJ Jr, Randall JL, et al. 1987. Teratogenicity of di(2-ethylhexyl) phthalate, 2-ethylhexanol, 2-ethylhexanoic acid, and valproic acid, and potentiation by caffeine. Teratology 35:41-46.

*Rock G, Labow RS, Tocchi M. 1986. Distribution of di(2-ethylhexyl) phthalate and products in blood and blood components. Environ Health Perspect 65:309-316.

*Rock G, Secours NE, Franklin CA, et al. 1978. The accumulation of mono-2-ethylhexyl phthalate (MEHP) during storage of whole blood and plasma. Transfusion 18:553-558.

*Rosenkranz HS, Pollack N, Cunningham AR. 2000. Exploring the relationship between the inhibition of gap junctional intercellular communication and other biological phenomena. Carcinogenesis. 21(5): 1007-1011.

*Roth B, Herkenrath P, Lehmann H-J, et al. 1988. Di-(2-ethylhexyl)-phthalate as plasticizer in PVC respiratory tubing systems: Indications of hazardous effects on pulmonary function in mechanically ventilated, preterm infants. Eur J Pediatr 147:41-46.

*Roy WR. 1994. Groundwater contamination from municipal landfills in the USA. In: Adriano DC, Iskandar AK, Murarka IP, eds. Contamination of groundwaters. Northwood, England: Science Reviews, 411-446.

RTECS. 1990. Registry of Toxic Effects of Chemical Substances. National Library of Medicine, National Toxicology Information Program, Bethesda, MD. July 18, 1990.

*RTECS. 2000. Registry of Toxic Effects of Chemical Substances. National Library of Medicine, National Toxicology Information Program, Bethesda, MD. February 2000.

*Rubin RJ, Schiffer CA. 1975. Fate in humans of the plasticizer, di-2-ethylhexyl phthalate arising from transfusion of platelets stored in vinyl plastic bags. Transfusion 16(4):330-335.

*Rudel RA, Brody JG, Spengler JD, et al. 2001. Identification of selected hormonally active agents and animal mammary carcinogens in commercial and residential air and dust samples . J Air Waste Manage 51:499-513.

*Rushbrook CJ, Jorgenson TA, Hodgson JR. 1982. Dominant lethal study of di(2-ethylhexyl)phthalate and its major metabolites in ICR/SIM mice. Environ Mutagen 4:387.

*Safe S, Connor K, Ramamoorthy K, et al. 1997. Human exposure to endocrine-active chemicals: Hazard assessment problems. Reg Toxicol Pharmacol 26(1 Part 1):52-58.

*Sager G, Little C. 1989. The effect of the plasticizers TBEP tris-2-butoxyethylphosphate and DEHP di-2-ethylhexylphthalate on beta-adrenergic ligand binding to alpha-1 acid glycoprotein and mononuclear leukocytes. Biochem Pharmacol 38:2551-2557.

*Sai K, Kanno J, Hasewaga R, et al. 2000. Prevention of the down-regulation of gap junctional intercellular communication by green tea in the liver of mice fed pentachlorophenol. Carcinogenesis. 21: 1671-1676.

*Sai-Kato K, Takagi A, Umemura T, et al. 1995. Role of oxidative stress in non-genotoxic carcinogenesis with special reference to liver tumors induced by peroxisome proliferators. Biomed Environ Sci 8:269-279.

*Saitoh Y, Usumi K, Nagata T, et al. 1997. Early changes in the rat testis induced by di-(2-ethylhexyl) phthalate and 2,5-hexanedione-ultrastructure and lanthanum trace study. J Toxicol Pathol 10:51-57.

*Sanchez JH, Abernethy DJ, Boreiko CJ. 1987. Lack of di-(2-ethylhexyl) phthalate activity in the C3H/10T1/2 cell transformation system. Toxicol in Vitro 1(1):49-53.

Sandmeyr EE, Kirwin CJ. 1981. Esters. In: Clayton GD, Clayton FE, eds. Patty's industrial hygiene and toxicology. Vol. IIA. 3rd rev. ed. New York, NY: Interscience Publishers, 2346-2350.

*Sanner T, Rivedal E. 1985. Tests with the Syrian hamster embryo (SHE) cell transformation assay. Prog Mutat Res 5:665-671.

*Sano M, Hagiwara A, Tamano S, et al. 1999. Dose-dependent induction of carcinomas and glutathione s-transferase placental form negative eosinphilic foci in the rat liver by di(2-ethylhexyl) phthalate after diethylnitrosamine initiation. J Toxicol Sci 24(3):177-186.

*Sato T, Nagase H, Sato K, et al. 1994. Enhancement of the mutagenicity of amino acid pyrolysates by phthalate esters. Environ Mol Mutagen 24:325-331.

Sax NI, Lewis RJ Sr, eds. 1987. Hawley's condensed chemical dictionary. 11th ed. New York, NY: Van Nostrand Reinhold Company, 150.

Saxena DK, Srivastava SP, Chandra SV, et al. 1985. Testicular effects of di(2-ethylhexyl)phthalate: Histochemical and histopathological alterations. Ind Health 23:191-198.

*Schilling K, Deckardt K, Gembardt C, et al. 1999. Di-2-ethylhexyl phthalate- Two-generation reproduction toxicity range-finding study in Wistar rats, continuous dietary administration Laboratory Project ID: 15R091/997096: BASF Aktiengengesellschaft.

*Schmezer P, Pool BL, Komitowski D, et al. 1988. Various short-term assays and two long-term studies with the plasticizer di(2-ethylhexyl)phthalate in the Syrian golden hamster. Carcinogenesis 9(1):37-43.

*Schmid P, Schlatter C. 1985. Excretion and metabolism of di(2-ethylhexyl)phthalate in man. Xenobiotica 15:251-256.

*Schulz CO, Rubin RJ. 1973. Distribution, metabolism and excretion of di(2-ethylhexyl)phthalate in the rat. Environ Health Perspect 3:123-129.

*Schwope AD, Reid RC. 1988. Migration to dry foods. Food Addit Contam 5(Suppl 1):445-454.

*Scott RC, Dugard PH, Ramsey JD, et al. 1987. *In vitro* absorption of some o-phthalate diesters through human and rat skin. Environ Health Perspect 74:223-227.

*SD DENR. 1998. South Dakota Department of Environment and Natural Resources. Drinking water standards. http://www.state.sd.us/state/executive/denr/des/drinking/regs.htm.

*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.

Shafer KH, Cooke M, DeRoos F, et al. 1981. WCOT capillary column GC/FT-IR and GC/MS for identifying toxic organic pollutants. Applied Spectroscopy 35:469-472.

*Shaffer CB, Carpenter CP, Smyth HF. 1945. Acute and subacute toxicity of di(2-ethylhexyl)phthalate with note upon its metabolism. J Ind Hyg Toxicol 27:130-135.

*Sharma R, Lake BG, Gibson GG. 1988. Co-induction of microsomal cytochrome P-452 and the peroxisomal fatty acid β -oxidation pathway in the rat by clofibrate and di-(2-ethylhexyl)phthalate. Biochem Pharmacol 37(7):1203-1206.

*Sharma RK, Lake BG, Makowski R, et al. 1989. Differential induction of peroxisomal and microsomal fatty-acid-oxidising enzymes by peroxisome proliferators in rat liver and kidney. Eur J Biochem 184:69-78.

Sharpe RM. 2001. Hormones and testes development and the possible adverse effects of environmental chemicals. Toxicol Lett 120:221-232.

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 13:574-579.

*Sher T, Yi H-F, McBride OW, et al. 1993. cDNA cloning, chromosomal mapping, and functional characterization of the human peroxisome proliferator activated receptor. Biochemistry 32:5598-5604.

*Shin M, Ohnishi M, Iguchi S, et al. 1999. Peroxisome-proliferator regulates key enzymes of the tryptophan-NAD⁺ pathway. Toxicol Appl Pharmacol 158:71-80.

*Shintani H. 2000. Pretreatment and chromatographic analysis of phthalate esters, and their biochemical behavior in blood products. Chromatographia 52(11/12):721-726.

*Shiota K, Mima S. 1985. Assessment of the teratogenicity of di(2-ethylhexyl)phthalate and mono(2-ethylhexyl)phthalate in mice. Arch Toxicol 56:263-266.

*Shiota K, Chou MJ, Nishimura H. 1980. Embryotoxic effects of di(2-ethylhexyl)phthalate and di-<u>n</u>-butyl phthalate (DB) in mice. Environ Res 22:245-253.

*Shneider B, Cronin J, Van Marter L, et al. 1991. A prospective analysis of cholestasis in infants supported with extracorporeal membrane oxygenation. J Pediatr Gastroenterol Nutr 13:285-289.

*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 3:185-195.

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. 1974. Mutagenic and antifertility sensitivities of mice to di-2ethylhexyl phthalate (DEHP) and dimethoxyethyl phthalate (DMEP). Toxicol Appl Pharmacol 29:35-46.

Singh AR, Lawrence WH, Autian J. 1975. Maternal-fetal transfer of ¹⁴C-di(2-ethylhexyl)phthalate and ¹⁴C-diethyl phthalate in rats. J Pharm Sci 64:1347-1350.

Sittig M. 1985. Handbook of toxic and hazardous chemicals and carcinogens. 2nd ed. Park Ridge, NJ: Noyes Publications, 345-346.

*Sjoberg P, Bondesson U. 1985. Determination of di(2-ethylhexyl)phthalate and four of its metabolites in blood plasma by gas chromatography - mass spectrometry. J Chromatogr 344:167-175.

*Sjoberg P, Bondesson U, Gray TJ, et al. 1986b. Effects of di(2-ethylhexyl)phthalate and five of its metabolites on rat testis *in vivo* and *in vitro*. Acta Pharmacol Toxicol 58:225-233.

*Sjoberg P, Bondesson U, Hammarlund M. 1985a. Nonlinearities in the pharmacokinetics of di(2-ethylhexyl)phthalate and metabolites in male rats. Arch Toxicol 58:72-77.

*Sjoberg P, Bondesson U, Kjellen L, et al. 1985b. Kinetics of di(2-ethylhexyl)phthalate in immature and mature rats and effect on testis. Acta Pharmacol Toxicol 56:30-37.

*Sjoberg POJ, Bondesson UG, Sedin EG, et al. 1985c. Disposition of di(2-ethylhexyl)phthalate and mono(2-ethylhexyl)phthalate in newborn infants subjected to exchange transfusions. Eur J Clin Invest 15:430-436.

*Sjoberg POJ, Bondesson UG, Sedin EG, et al. 1985d. Exposure of newborn infants to plasticizers: Plasma levels of di(2-ethylhexyl)phthalate and mono(2-ethylhexyl)phthalate during exchange transfusion. Transfusion 25:424-428.

*Sjoberg P, Egestad B, Klasson E, et al. 1991. Glucuronidation of mono(2-ethylhexyl)phthalate: Some enzyme characteristics and inhibition by bilirubin. Biochem Pharmacol 41(10):1493-1496.

*Sjoberg P, Lindquist NG, Ploen L. 1986a. Age-dependent response of the rat testes to di(2-ethylhexyl)phthalate. Environ Health Perspect 65:237-242.

*Smith JH, Isenberg JS, Pugh G, et al. 2000. Comparative *in vivo* hepatic effects of di-isononyl phthalate (DINP) and related C_7 - C_{11} dialkyl phthalates on gap junctional intercellular communication (GJIC), peroxisomal beta-oxidation (PBOX), and DNA synthesis in rat and mouse liver. Toxicol Sci. 54:312-321.

Smith JS, Macina OT, Sussman NB, et al. 2000. A robust structure-activity relationship (SAR) model for esters that cause skin irritation in humans. Toxicol Sci 55:215-222.

*Smith-Oliver T, Butterworth BE. 1987. Correlation of the carcinogenic potential of di(2-ethylhexyl) phthalate (DEHP) with induced hyperplasia rather than with genotoxic activity. Mutat Res 188:21-28.

SRI. 1987. Directory of chemical producers. Menlo Park, CA: SRI International, 890.

SRI. 1988. Directory of chemical producers. Menlo Park, CA: SRI International, 871.

SRI. 1989. Directory of chemical producers. Menlo Park, CA: SRI International, 877.

SRI. 1990. Directory of chemical producers. Menlo Park, CA: SRI International, 883.

SRI. 1998b. CEH abstract: Phthalic anhydride. Chemical Industries Newsletter, July-September 1998. Menlo Park, CA: SRI Consulting, Chemical Business Research Division, 8.

*SRI. 1998a. Directory of chemical producers. Menlo Park, CA: SRI International, 825.

*Stalling DL, Hogan JW, Johnson JL. 1973. Phthalate ester residues-their metabolism and analysis in fish. Environ Health Perspect 3:159-173.

*Staples CA, Peterson DR, Parkerton TF, et al. 1997. The environmental fate of phthalate esters: A literature review. Chemosphere 35(4):667-749.

*Staples CA, Werner AF, Hoogheem TJ. 1985. Assessment of priority pollutant concentrations in the United States using STORET database. Environ Toxicol Chem 4:131-142.

Staubli W, Hess R. 1975. Lipoprotein formation in the liver cell. Ultrastructural and functional aspects relevant to hypolipidemic action. In: Kritchersky D, ed. Handbook of experimental pathology, Vol. 41. Hypolipidemic/agents. Berlin: Springer-Verlag, 229-289.

*Stefanini S, Serfini B, Nardacci R, et al. 1995. Morphometric analysis of liver and kidney peroxisomes in lactating rats and their pups after treatment with the peroxisomal proliferator di-(2-ethlyhexyl) phthalate. Biol Cell 85:167-176.

*Steiner I, Scharf L, Fiala F, et al. 1998. Migration of di-(2-ethylhexyl) phthalate from PVC child articles into saliva and saliva stimulant. Food Addit Contam 15(7):812-817.

*Stenchever MA, Allen MA, Jerominski L, et al. 1976. Effects of bis(2-ethylhexyl) phthalate on chromosomes of human leukocytes and human fetal lung cells. J Pharm Sci 65:1648-1651.

Sternlieb I. 1979. Electron microscopy of mitochondria and peroxisomes of human hepatocytes. In: Popper H, Schaffner F, eds. Progress in liver diseases. Vol. 6. New York, NY: Grune and Gratton, 81-104.

Stott WT. 1988. Chemically induced proliferation of peroxisomes: Implications for risk assessment. Regul Toxicol Pharmacol 8:125-159.

Strek G, Herrmann R. 1997. Distribution of endocrine disrupting semivolatile organic compounds in several compartments of a terrestrial ecosystem. Water Sci Technol 42(7-8):39-44.

*Stringer R, Labunska I, Santillo D, et al. 2000. Concentrations of phthalate esters and identification of other additives in PVC children's toys. Environ Sci Pollut Res 7(1):27-38.

Strom PF. 2000. Pesticide in yard compost. Compost Sci Util 8(1):54-60.

Stryer L. 1990. Biochemistry. 3rd ed. New York, NY: Freeman & Company, 1-1065.

*Stubin AI, Brosnan TM, Porter KD, et al. 1996. Organic priority pollutants in New York City municipal wastewaters: 1989-1993. Water Environ Res 68:1037-1044.

*Sugatt RH, O'Grady DP, Banerjee S, et al. 1984. Shake flask biodegradation of 14 commercial phthalate esters. Appl Environ Microbiol 47(4):601-606.

Sugiura K, Sugiura M, Hayakawa R, et al. 2000. Di(2-ethylhexyl) phthalate (DOP) in the dotted polyvinyl-chloride grip of cotton gloves as a cause of contact urticaria syndrome. Contact Dermatitis 43:237-238.

*Sullivan KF, Atlas EL, Giam CS. 1982. Adsorption of phthalic acid esters from seawater. Environ Sci Technol 16:428-432.

Svoboda DJ, Azarnoff DL. 1979. Tumors in male rats fed ethyl chlorophenoxy-isobutyrate, a hypolipidemic drug. Cancer Res 39:3419-3428.

*Swartz RC, Schults DW, Ditsworth GR, et al. 1985. 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: American Society for Testing and Materials, 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.

*Takagi A, Sai K, Umemura T, et al. 1990. Significant increase of 8-hydroxydeoxyguanosine in liver DNA of rats following short-term exposure to the peroxisome proliferators di(2-ethylhexyl)phthalate and di(2-ethylhexyl)adipate. Jpn J Cancer Res 81:213-215.

*Tamura H, Iida T, Suga T, et al. 1990. Long-term effects of hypolipidemic peroxisome proliferator administration on hepatic hydrogen peroxide metabolism in rats. Carcinogenesis 11:445-450.

*Tamura H, Iida T, Watanabe T, et al. 1991. Lack of induction of hepatic DNA damage on long-term administration of peroxisome proliferators in male F-344 rats. Toxicology 69:55-62.

*Tandon R, Paramar D, Singh GB, et al. 1992. The influence of low protein diet on the testicular toxicity of di(2-ethylhexyl)phthalate. Vet Hum Toxicol 34(6):517-520.

*Teirlynck OA, Belpaire F. 1985. Disposition of orally administered di(2-ethylhexyl)phthalate and mono(2-ethylhexyl)phthalate in the rat. Arch Toxicol 57:226-230.

*Tennant RW, Margolin BH, Shelby MD, et al. 1987. Prediction of chemical carcinogenicity in rodents from in vitro genetic toxicity assays. Science 236:933-941.

*Thiess AM, Fleig I. 1978. Chromosomenuntersuchungen bei mitarbeitern mit exposition gegenuber di-2-athylhexylphthalat (DOP). Zentralbl Arbeitsmed Arbeitsschutz 28:351-356.

Thomas GH. 1973. Quantitative determination and confirmation of identity of trace amounts of dialkyl phthalates in environmental samples. Environ Health Perspect 3:23-28.

*Thomas JM, Yordy JR, Amador JA, et al. 1986. Rates of dissolution and biodegradation of waterinsoluble organic compounds. Appl Environ Microbiol 52:290-296.

*Thuren 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.

Thysen B, Morris PL, Gatz M, et al. 1990. The effect of mono(2-ethylhexyl)phthalate on Sertoli cell transferrin secretion *in vitro*. Toxicol Appl Pharmacol 106:154-157.

*Tickner JA, Schettler T, Guidotti T, et al. 2001. Health risks posed by use of di-2-ethylhexyl phthalate (DEHP) in PVC medical devices: a critical review. Am J Ind Med 39:100-111.

Tomaszewski KE, Agarwal DK, Melnick RL. 1986. *In vitro* steady-state levels of hydrogen peroxide after exposure of male F344 rats and female B6C3F1 mice to hepatic peroxisome proliferators. Carcinogenesis 7:1871-1876.

*Tomaszewski KE, Montgomery CA, Melnick RL. 1988. Modulation of 2,3,7,8-tetrachlorodibenzo -p-dioxin toxicity in F344 rats by di(2-ethylhexyl) phthalate. Chem Biol Interact 65:205-222.

*Tomita I, Nakamura Y, Aoki N, et al. 1982b. Mutagenic/carcinogenic potential of di(2ethylhexyl)phthalate and mono(2-ethylhexyl)phthalate. Environ Health Perspect 45:119-125.

*Tomita I, Nakamura Y, Yagi Y, et al. 1982a. Teratogenicity/fetotoxicity of DEHP in mice. Environ Health Perspect 45:71-75.

Tomita I, Nakamura Y, Yagi Y, et al. 1986. Fetotoxic effects of mono2-ethylhexylphthalate (MEHP) in mice. Environ Health Perspect 65:249-254.

Tonn T, Schalling S, Schmiedeberg S, et al. 2001. Diethylhexylphtalat (DEHP) and tolylene 2,4-diisocyanate (TDI) do not account for the high incidence of nonhemolytic transfusion reactions [Abstract], P314.

Trebbin WM. 1979. Hemodialysis and pregnancy. JAMA 241:1811-1812.

TRI88. 1990. Toxic Chemical Release Inventory. National Library of Medicine, National Toxicology Information Program, Bethesda, MD.

TRI98. 2000. Toxic Chemical Release Inventory. May 2000. http://www.rtk.net.

*TRI99. 2001. Toxic Chemical Release Inventory. December 2001. http://www.rtk.net.

*Trosko JE. 1997. Challenge to the simplest paradigm that 'carcinogens' are 'mutagens' and to the in vitro and in vivo assays used to test the paradigm. Mutat Res 373: 245-249.

*Trosko JE. 2001. Commentary: Is the concept of "tumor promotion" a useful paradigm? Molec Carcinogenesis. 30:131-137.

*Trosko JE, Chang C-C. 1988. Nongenotoxic mechanisms in carcinogenesis: Role of inhibited intercellular communication. Banbury Report 31: Carcinogen Risk Assessment: New directions in the qualitative and quantitative aspects, 67-98.

*Trosko JE, Chang C-C, Madhukar BV, et al. 1995. Intercellular communication: A paradigm for the interpretation of the initiation/promotion/progression model of carcinogenesis. In: Chemical induction of cancer: Modulation and combustion effects. 205-225.

*Trosko JE, Chang C-C, Upham B, et al. 1998. Epigenetic toxicology as toxicant-induced changes in intracellular signalling leading to altered gap junctional intercellular communication. Toxicol Lett. 102-103: 71-78.

*Tsumura Y, Ishimitsu S, Kaihara A, et al. 2001. Di(2-ehtylhexyl) phthalate contamination of retail packed lunches caused by PVC gloves in the preparation of foods. Food Addit Contam 18(6):569-579.

*Tugwood JD, Aldridge TC, Lambe KG, et al. 1996. Peroxisome proliferator-activated receptors: Structures and function. Ann N Y Acad Sci 804:252-265.

Tugwood JD, Issemann I, Anderson RG, et al. 1992. The mouse peroxisome proliferator activated receptor recognizes a response element in the 5' flanking sequence of the rat acyl CoA oxidase gene. The EMBO Journal 11(2):433-439.

*Tully K, Kupfer D, Dopico AM, et al. 2000. A plasticizer released from IV drip chambers elevates calcium levels in neurosecretory terminals. Toxicol Appl Pharmacol 168:183-188.

Turnbull D, Rodricks JV. 1985. Assessment of possible carcinogenic risk to humans resulting from exposure to di(2-ethylhexyl)phthalate. J Am Coll Toxicol 4:111-146.

*Turner JH, Petricciani JC, Crouch ML, et al. 1974. An evaluation of the effects of diethylhexyl phthalate (DEHP) on mitotically capable cells in blood packs. Transfusion 14:560-566.

*Turunen M, Dallner G. 1998. Elevation of ubiquinone content by peroxisomal inducers in rat liver during aging. Chem Biol Interact 116:79-91.

Tyl RW. 1988a. Developmental toxicity evaluation of 2-ethylhexanoic acid administered by gavage to Fischer 344 rats. Washington, DC: Chemical Manufacturers Association.

*Tyl RW. 1988b. Developmental toxicity evaluation of 2-ethylhexanoic administered by gavage to New Zealand white rabbits. Washington, DC: Chemical Manufacturers Association.

*Tyl RW, Price CJ, Marr MC, et al. 1988. Developmental toxicity evaluation of dietary di(2-ethylhexyl)phthalate in Fischer 344 rats and CD-1 mice. Fundam Appl Toxicol 10:395-412.

*Uhde E, Bednarek M, Fuhrmann F, et al. 2001. Phthalic esters in the indoor environment - test chamber studies on PVC-coated wallcoverings. Indoor Air 11:150-155.

USC. 1998. United States Code. 42 USC 7412: Hazardous air pollutants.

*USC. 2001. Hazardous air pollutants. United States Code. 42 USC 7412. http://www.4.law.cornell.edu/uscode/42/7412.text.html. November 29, 2001.

USDHHS. 1985. Fourth annual report on carcinogens. Summary 1985. Washington, DC: U.S. Department of Health and Human Services, 83-85.

Van Den Munckhof RJM, Bosch KS, Frederiks WM. 1998. The different effects of the peroxisome proliferators clofibric acid and bis(2-ethylhexyl)phthalate on the activities of peroxisomal oxidases in rat liver. Histochem J 30:339-349.

*van Lierop JB, van Veen RM. 1988. Determination of plasticizers in fat by gas chromatography - mass spectrometry. J Chromatogr 447:230-233.

*Varanasi U, Chu R, Huang Q, et al. 1996. Identification of a peroxisome proliferator-responsive element upstream of the human peroxisomal fatty acyl coenzyme A oxidase gene. J Biol Chem 271:2147-2155.

Veith GD, DeFoe DL, Bergstedt BV. 1979. Measuring and estimating the bioconcentration factor of chemicals in fish. J Fish Res Board C 36:1040-1048.

Verschueren K. 1983. Handbook of environmental data on organic chemicals. 2nd ed. New York, NY: Van Nostrand Reinhold Company, 575-578.

*Vessman J, Rietz G. 1974. Determination of di(ethylhexyl)phthalate in human plasma and plasma proteins by electron capture gas chromatography. J Chromatogr 100:153-163.

*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.

Viel JF. 1993. Radon exposure and leukemia in adulthood. Int J Epidemiol 22(4):627-631.

Vogel EW. 1985. The *Drosophila* somatic recombination and mutation assay (SRM) using the white-coral somatic eye color systems. Prog Mut Res 5:313-317.

*Von Däniken A, Lutz WK, Jackh R, et al. 1984. Investigation of the potential for binding of di(2ethylhexyl) phthalate (DEHP) and di(2-ethylhexyl)adipate (DEHA) to liver DNA *in vivo*. Toxicol Appl Pharmacol 73:373-387.

Von der Hude W, Kalweit S, Engelhardt G, et al. 2000. In vitro micronucleus assy with Chinese hamster V79 cells- results of a collaborative study with in situ exposure to 26 chemical substances. Mutat Res 468:137-163.

Von Halle ES. 1985. A tabular review of the published mutagenicity literature for IPCS study compounds. Prog Mut Res 5:699-725.

*WA Dept of Ecology. 1998. Washington State Department of Ecology. Controls for new sources of toxic air pollutants. Ch. 173-460 WAC. http://www.wa.gov/ecology/leg/ecywac.html.

Waldock MJ. 1983. Determination of phthalate esters in samples from the marine environment using GC-MS. Chem Ecol 1:261.

*Wahl HG, Hong Q, Stube D, et al. 2001. Simultaneous analysis of the di(2-ethylhexyl)phthalate metabolites 2-ethylhexanoic acid, 2-ethyl-3-hydroxylhexanoic acid and 2-ethyl-3-oxohexanoic acid in urine by gas chromatography-mass spectrometry. J Chromatogr B.758:213-219.

Walker SI, Smith HR, Rycroft RJG, et al. 2000. Occupational contact dermatitis from headphones containing diethylhexyl phthalate. Contact Dermatitis 42:164-165.

Walseth F, Toftgard R, Nilsen OG. 1982. Phthalate esters. I: Effects on cytochrome P-450 mediated metabolism in rat liver and lung, serum enzymatic activities and serum protein levels. Arch Toxicol 50:1-10.

*Wams TJ. 1987. Diethylhexylphthalate as an environmental contaminant--a review. Sci Total Environ 66:1-16.

*Ward JM, Diwan BA, Ohshimna M, et al. 1986. Tumor-initiating and promoting activities of di(2-ethylhexyl)phthalate *in vivo* and *in vitro*. Environ Health Perspect 65:279-291.

*Ward JM, Konishi N, Diwan BA. 1990. Renal tubular cell or hepatocyte hyperplasia is not associated with tumor promotion by di(2-ethylhexyl) phthalate in $B6C3F_1$ mice after transplacental initiation with N-nitrosoethylurea. Exp Pathol 40:125-138.

*Ward JM, Ohshima M, Lynch P, et al. 1984. Di(2-ethylhexyl)phthalate but not phenobarbital promotes N-nitrosodiethylamine-initiated hepatocellular proliferative lesions after short-term exposure in male B6C3F₁ mice. Cancer Lett 24:49-55.

*Ward JM, Peters JM, Perella CM, et al. 1998. Receptor and nonreceptor-mediated organ-specific toxicity of di(2-ethylhexyl)phthalate (DEHP) in peroxisome proliferator-activated receptor alpha-null mice. Toxicol Pathol 26(2):240-246.

Ward JM, Rice JM, Creasia D, et al. 1983. Dissimilar patterns of promotion by di(2-ethylhexyl)phthalate and phenobarbital of hepatocellular neoplasia initiated by diethylnitrosamine in B6C3F1 mice. Carcinogenesis 4:1021-1030.

Warf Institute. 1976. Acute inhalation LC50 Sample LL-1132. Unpublished study. July 23.

Warren JR, Lalwani ND, Reddy JK. 1982. Phthalate esters as peroxisome proliferator carcinogens. Environ Health Perspect 45:35-40.

Watts P. 1985. Di-2-ethylhexylphthalate metabolism in man. Food Chem Toxicol 23:1023.

*Weghorst CM, Devor DE, Henneman JR, et al. 1994. Promotion of hepatocellular foci and adenomas by di(2-ethylhexyl) phthalate and phenobarbital in C3H/HeNCr mice following exposure to N-nitrosodiethylamine at 15 days of age. Exp Toxicol Pathol 45:423-431.

*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.

*Wester RC, Melendres J, Sedik L, et al. 1998. Percutaneous absorption of salicylic acid, theophylline, 2,4-dimethylamine, diethyl hexyl phthalic acid, and *p*-aminobenzoic acid in the isolated perfused porcine skin flap compared to man *in vivo*. Toxicol Appl Pharmacol 151:159-165.

*White RD, Carter DE, Earnest O, et al. 1980. Absorption and metabolism of three phthalate diesters by the rat small intestine. Food Cosmet Toxicol 18:383-386.

*Widdowson EM, Dickerson JWT. 1964. Chemical composition of the body. In: Comar CL, Bronner F, eds. Mineral metabolism: An advanced treatise. Volume II: The elements Part A. New York: Academic Press.

*WI DNR. 1997. Wisconsin Department of Natural Resources. Air pollution control. http://www.legis.state.wi.us/rsb/code/nr/nr400.html.

Wieboldt RC, Adams GE, Later DW. 1988. Sensitivity improvement in infrared detection for supercritical fluid chromatography. Anal Chem 60:2422-2427.

*Wilkinson CF, Lamb JC. 1999. The potential health effects of phthalate esters in children's toys: A review and risk assessment. Regul Toxicol Pharmacol 30:140-155.

*Williams DT. 1973. Dibutyl- and di-(2-ethylhexyl)phthalate in fish. J Agr Food Chem 21:1128-1129.

Williams DT, Blanchfield BJ. 1974. Retention, excretion and metabolism of di(2-ethylhexyl)phthalate administered orally to the rat. Bull Environ Contam Toxicol 11:371-387.

*Williams GM, Maruyama H, Tanaka T. 1987. Lack of rapid initiating, promoting or sequential syncarcinogenic effects of di(2-ethylhexyl)phthalate in rat liver carcinogenesis. Carcinogenesis 8(7):875-880.

Williams GM, Tong C, Brat SV. 1985. Tests with the rat hepatocyte primary culture/DNA-repair test. Prog Mutat Res 5:341-345.

Williams MD, Hargadine S. 1991. Sediment adsorption isotherm of ¹⁴C-di(2-ethylhexyl)phthalate. Chemical Manufacturers Association by Analytical Bio-Chemistry Laboratories, Inc., Columbia, MO. Final Report No. 38811.

*Wofford HW, Wilsey CD, Neff GS, et al. 1981. Bioaccumulation and metabolism of phthalate esters by oysters, brown shrimp, and sheepshead minnows. Ecotoxicol Environ Safety 5:202-210.

*Wolfe NL, Burns LA, Steen WC. 1980a. 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.

Wolfe NL, Paris DF, Steen WC, et al. 1980b. Correlation of microbial degradation rates with chemical structure. Environ Sci Technol 14:1143-1146.

Wolf M, Riess M, Heitmann D, et al. 2000. Application of a purge and trap TDS-GC/MS procedure for the determination of emissions from flame retarded polymers. Chemosphere 41:693-699.

Wolkowski-Tyl R, Jones-Price C, Marr MC. 1984a. Teratologic evaluation of diethylhexyl phthalate (CAS No. 117-81-7) in Fischer 344 rats. Research Triangle Park, NC. National Center for Toxicological Research, NCTR-84/135. PB85-105658/GAR.

Wolkowski-Tyl R, Jones-Price C, Marr MC, et al. 1984b. Teratologic evaluation of diethylhexyl phthalate in CD-1 mice. Final Report. Jefferson, Arkansas: National Center for Toxicological Research. PB85-105674.

*Woodyatt NJ, Lambe KG, Myers KA, et al. 1999. The peroxisome proliferator (PP) response element upstream of the human acyl CoA oxidsase gene is inactive among a sample human population: significance for species differences in response to PPs. Carcinogenesis 20(3):369-372.

Wurgler FE, Graf U, Frei H. 1985. Somatic mutation and recombination test in wings of *Drosophila melanogaster*. Prog Mutat Res 5:325-340.

*Yagi Y, Nakamura Y, Tomita I, et al. 1980. Teratogenic potential of di- and mono-(2- ethylhexyl)phthalate in mice. J Environ Pathol Toxicol 4:533-544.

*Yakes FM and Van Houten B. 1997. Mitochondrial DNA damage is more extensive and persists longer than nuclear DNA damage in human cells following oxidative stress. Proc Natl Acad Sci USA. 94: 514-519.

Yamazaki T, Okada Y, Hisamatsu Y, et al. 2000. Effect of endocrine disrupting chemicals on lymphocyte responses. Organohalogen Compounds 49:394-396.

*Yoon JS, Mason JM, Valencia R, et al. 1985. Chemical mutagenesis testing in *Drosophila*. IV. Results of 45 coded compounds tested for the National Toxicology Program. Environ Mutagen 7:349-367.

*Yoshikawa K, Tanaka A, Yamaha T, et al. 1983. Mutagenicity study of nine monoalkyl phthalates and a dialkyl phthalate using *Salmonella typhimurium* and *Escherichia coli*. Food Chem Toxicol 21:221-223.

*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.

*Ziegler EE, Edwards BB, Jensen RL, et al. 1978. Absorption and retention of lead by infants. Pediatr Res 12:29-34.

*Zhou JL, Liu YP. 2000. Kinetics and equilibria of the interactions between diethylhexyl phthalate and sediment particles in simulated estuarine systems. Mar Chem 71:165-176.