PUBLICATIONS EXAMINED

During the preparation of this document, the following publications were examined but not cited or used as sources of information. They are listed here to provide detailed information to readers about the broad base of data considered during the research phase of this project.

Agaev FB [1978]. Possible classification of the potential danger of chemical substances absorbed through the skin. Azerb Med ZH 55:29-32.

Alarie Y [1981]. Dose-response analysis in animal studies: prediction of human responses. Environ Health Perpectives 42:9-13.

Andersson K, Levin J, Lindahl R, Nilsson C [1982]. Sampling of ethylene glycol and ethylene glycol derivatives in work-room air using amberlite XAD resins. Chemosphere 13:437-444.

Åstrand I [1983]. Chapter 5. Effect of physical exercise on uptake, distribution and elimination of vapors in man. In: Fiserova-Bergerova V, ed. Modeling of inhalation exposure to vapors: uptake, distribution, and elimination. Vol. II. Boca Raton, FL: CRC Press, Inc., pp. 107–130.

Australian Council of Trade Unions, Victorian Trades Hall Council [1982]. Health and safety bulletin no. 20—hazard alert—2-methoxyethanol (ethylene glycol monomethyl ether), 2-ethoxyethanol (ethylene glycol monoethyl)—suspect reproductive hazards. Australian Council of Trade Unions, Victorian Trades Hall Council.

Ballantyne B [1984]. Eye irritancy potential of diethylene glycol monobutyl ether. J Toxicol-Cut & Ocular Toxicol 3(1):7-15.

Ballantyne B [1984]. Ophthalmic toxicology of diethylene glycol monobutyl ether by topical application [Abstract No. 718]. Toxicologist 4(1):180.

Ballantyne B, Gazzard MF, Swanston DW [1972]. Effects of solvents and irritants on intraocular tension in the rabbit. J Physiol 226(2):12-14.

Beattie PJ, Brabec MJ [1983]. Effects of methoxyacetic acid and ethoxyacetic acid on mitochondrial function [Abstract No. 372]. Toxicologist 3(1):93.

Beattie PJ, Brabec MJ [1985]. 2-Methoxyethanol (ME) depletes testicular lactate in rats. Toxicologist 5(1):116.

Borenfreund E, Shopsis C [1985]. Toxicity monitored with a correlated set of cell-culture assays. Xenobiotica 15(8/9):705-711.

Boyers SP, Corrales MD, Huszar G, DeCherney AH [1987]. The effects of Lubin on sperm motility in vitro. Fertil Steril 47(5):882-884.

Browning E [1959]. Toxic solvents: a review. Br J Ind Med 16:23-39.

Budden R, Kühl UG, Bahlsen J [1979]. Experiments on the toxic, sedative and muscle relaxant potency of various drug solvents in mice. Pharmacol Ther 5:467-474.

Budden VR, Kühl UG, Buschmann G [1978]. Studies on the pharmacodynamic activity of several drug solvents/1st communication: diethyleneglycol monoethylether, N,N-diethylacetamide, dimethylsulfoxide. Drug Res 28(II):1571-1579.

Bugrov AD, Shinkarenko NI [1974]. Study of the cryoprotectant properties of methylcellosolve and ethylcellosolve. Aktual vopr kriobiol kriomed., Mater. Simp., conference proceedings: 41–3, 1974, at Nauchno-Issled. Inst Zhivotnovod., Lesostepi Poles'ya Kharkov, USSR.

Cabani S, Mollica V [1978]. Thermodynamic study of dilute aqueous solutions of organic compounds. Part 5. Open-chain saturated bifunctional compounds. J Chem Soc 74:2667-2671.

Campbell J, Holt D, Webb M [1984]. Dimethoxyethylphthalate metabolism: teratogenicity of the diester and its metabolites in the pregnant rat. J Appl Toxicol 2(1):35-41.

Carpenter CP, Smyth HF Jr., Pozzani UC [1949]. Assay of acute vapor toxicology and the grading and interpretation of results on 96 chemical compounds. J Ind Hyg Toxicol 31:343-346.

Chapin RE, Dutton SL, Ross MD, Lamb IV JC [1984]. The testicular toxicity of ethylene glycol monomethyl ether (EGME) as characterized by mating success, sperm parameters, and histopathology [Abstract No. 544]. Toxicologist 4(1):136.

Chapin RE, Dutton SL, Ross MD, Sumrell BM, Lamb IV JC [1984]. The effects of ethylene glycol monomethyl ether on testicular histology in F344 rats. J Androl 5:369-380.

Cheever KL, Weigel WW, Richard DE, Lal JB, Plotnick HB [1985]. Testicular effects of bis(2-methoxyethyl)ether in the adult male rat: equimolar dose comparison with 2-methoxyethanol and 2-ethoxyethanol [Abstract No. 559]. Toxicologist 5(1):140.

Cheever KL, Richards DE, Weigel WW, Lal JB, Dinsmore AM, Daniel FB [1988]. Metabolism of bis(2-methoxyethyl) ether in the adult male rat: evaluation of the principal metabolite as a testicular toxicant. Toxicol Appl Pharm 94:150-159.

Cheng J-T, Beysolow TD, Kaul B, Weisman R, Feinfeld DA [1987]. Clearance of ethylene glycol by kidneys and hemodialysis. Clin Toxicol 25(1&2):95-108.

Coakley ME, Rawlings SJ, Brown NA [1986]. Short-chain carboxylic acids, a new class of teratogens: studies of potential biochemical mechanisms. Environ Health Perspect 70:105-111.

Cohen P [1968]. Relationship between membrane function and permeability. III. Further evidence linking membrane transport and thromboplastin availability of the intact erythrocyte. Br J Haematol 14:141-152.

Cohen SR [1974]. Occupational health case report no. 4, epoxy-type paint. J Occup Med 16:201-203.

Comas SM, Gonzalez PR, Vassallo D [1974]. Hazards associated with perchloric acid-butyl cellosolve polishing solutions. Metallography 7:45-57.

Coyne LB, Spence MW, Norwood SK [1983]. Protective equipment effectiveness for Dowanol[®] glycol ethers: gloves and respirators. Presented at American Industrial Hygiene Conference, Philadelphia, PA, May 26, 1983.

Creasy DM, Flynn JC, Gray TJB, Butler WH [1985]. A quantitative study of stage-specific spermatocyte damage following administration of ethylene glycol monomethyl ether in the rat. Exp Mol Pathol 43:321-336.

Cullen MR, Rado T, Waldron JA, Sparer J, Welch L [1983]. Bone marrow injury in lithographers exposed to glycol ethers and organic solvents used in multicolor offset and ultraviolet during printing processes. Arch Environ Health 38:347-354.

Daughtrey WC, Ward DP, Lewis SC, Peterson DR [1984]. Acute toxicity of dermally applied 2-ethoxyethanol [Abstract No. 717]. Toxicologist 4(1):180.

Dawson GW, Jennings AL, Drozdowski D, Rider E [1975/77]. The acute toxicity of 47 industrial chemicals to fresh and saltwater fishes. J Haz Mater 1:303-318.

Deckert HG, Foelster U, Rueck A [1984]. Automatic measurement of pollutant concentrations in the workplace (in German). Labor Praxis 8(3):130-132, 134, 139.

DeCosta EWB, Collett O [1979]. Potential toxicants for controlling soft rot in preservative treated hardwoods. IV. Evaluation of combined diffusion and toxicity. Mater Org 14:131-140.

Deitrich RA, Erwin VG [1971]. Mechanism of the inhibition of aldehyde dehydrogenase in vivo by disulfiram and diethyldithiocarbamate. Mol Pharmacol 7:301-307.

Denkhaus W, v Steldern D, Botzenhardt U, Konietzko H [1986]. Lymphocyte subpopulations in solvent-exposed workers. Int Arch Occup Environ Health 57:109-115.

Digital Equipment Corporation [1987]. Health study—final report. FYI submission from University of Massachusetts, Division of Public Health, February 16, 1987. Washington, DC: U.S. Environmental Protection Agency, Office of Pesticides and Toxic Substances.

Doe JE, Hart D, de S Wickramaratne GA [1983]. The teratogenic potential of diethylene glycol monomethyl ether (DGME) as assayed in the postnatal development test by the subcutaneous route in rats [Abstract No. 279]. Toxicologist 3:70.

Dourson ML, Stara JF [1983]. Regulatory history and experimental support of uncertainty (safety) factors. Regul Toxicol Pharmacol 3:224-238.

Draize JH, Woodard G, Calvery HO [1945]. Methods for the study of irritation and toxicity of substances applied topically to the skin and mucous membranes. J Pharmacol Exp Ther 82-3:377-390.

Elinder CG, Vesterberg O [1985]. Environmental and biological monitoring. Scand J Work Environ Health 11(Suppl 1):91-93.

Elkins HB, Storlazzi ED, Hammond JW [1942]. Determination of atmospheric contaminants: II. Methyl cellosolve. J Ind Hyg Toxicol 24(8):229-232.

Ellis DD, Jone CM, Larson RA, Schaeffer DJ [1982]. Organic constitutents of mutagenic secondary effluents from wastewater treatment plants. Arch Environ Contam Toxicol 11:373-382.

EPA [1982]. Chemical hazard information profile draft report: 2-methoxyethanol CAS No. 109-86-4. Washington, DC: U.S. Environmental Protection Agency, Office of Toxic Substances, Office of Pesticides and Toxic Substances.

EPA [1985]. Environmental health criteria: 2-methoxyethanol, 2-ethoxyethanol, and their acetates. Washington, DC: U.S. Environmental Protection Agency, Office of Toxic Substances.

EPA [1986]. Draft glycol ethers information profiles (CHIPs)-risk assessments. Oak Ridge, TN: U.S. Environmental Protection Agency, Oak Ridge National Laboratory.

49 Fed. Reg. 21407-21411 [1986]. Environmental Protection Agency: toxic and hazardous substances control: 2-methyoxyethanol, 2-ethoxyethanol and their acetates: referral for additional action.

51 Fed. Reg. 27880-27896 [1986]. Environmental Protection Agency: diethylene glycol butyl ether and diethylene glycol butyl ether acetate: proposed test rule. (To be codified at 40 CFR Parts 795, 799.)

51 Fed. Reg. 44699–44701 [1986]. Occupational Safety and Health Administration: health and safety standards; occupational exposure to 2-methoxyethanol, 2-ethoxyethanol and their acetates.

Fellows JK, Luduena FP, Hanzlik PJ [1947]. Glucuronic acid excretion after diethylene glycol monoethyl ether (carbitol) and some other glycols. J Pharmacol Exp Ther 89:210-213.

Fomochkin IP, Sapegin DI, et al. [1980]. Experiments to determine the maximum permissible concentration of ethylcarbitol ester with fatty acids in reservoir water (in Russian). Gig Sanit 12:60-61.

*

Foster PMD, Lloyd SCM, Blackburn DM [1985]. Comparison of the in vivo and in vitro effects of 2-methoxy-, 2-ethoxy-, and 2-butoxyacetic acids in rat testis. Toxicologist 5(1):115.

Gage JC [1970]. The subacute inhalation toxicity of 109 industrical chemicals. Brit J Ind Med 27:1-18.

Galimard M [1979]. Fire hazards of industrial organic solvents (in French). Prevention 14:17-19.

Gartner SL [1981]. Methyl cellosolve-induced sensitization of mice to bacterial endotoxin. Experientia 37(2):174-175.

George JD, Price CJ, Marr MC, Kimmel CA [1985]. Teratogenicity of triethylene glycol dimethyl ether (TGDM) in mice. Teratology 31:53A.

Gershon H, Shanks L, DeAngelis A [1979]. Antifungal properties of n-alkoxyacetic acids and their methyl esters. J Pharm Sci 68:82-84.

Ghanayem BI, Burka LT, Matthews HB [1987]. Metabolic basis of ethylene glycol monobutyl ether (2-butoxyethanol) toxicity: role of alcohol and aldehyde dehydrogenases. J Pharmacol Exp Ther 242(1):222-231.

Ghanayem BI, Burka LT, Sanders JM, Matthews HB [1987]. Metabolism and disposition of ethylene glycol monobutyl ether (2-butoxyethanol) in rats. Drug Metab Dispos 15(4):478-484.

Goad PT, Cranmer JM [1984]. Gestation period sensitivity of ethylene glycol monoethyl ether in rats [Abstract No. 345]. Toxicologist 4(1):87.

Goldberg ME, Haun C, Smyth HF Jr. [1962]. Toxicologic implication of altered behavior induced by an industrial vapor. Toxicol Appl Pharmacol 4:148-164.

Goldberg ME, Johnson HE, Pozzani UC, Smyth HF Jr. [1964]. Effect of repeated inhalation of vapors of industrial solvents on animal behavior. I. Evaluation of nine solvent vapors on pole-climb performance in rats. Am Ind Hyg Assoc J 25:369-375.

Grant D, Sulsh S, Butler WH [1984]. Acute toxicity of ethylene glycol monoalkyl ethers on the haemopoietic system of rats [Abstract No. 715]. Toxicologist 4(1):179.

Gröschel-Stewart U, Mayer VW, Taylor-Mayer RE, Zimmermann FK [1985]. Aprotic polar solvents inducing chromosomal malsegregation in yeast interfere with the assembly of porcine brain tubulin in vitro. Mutat Res 149(3):333-338.

Grupinski L, Weisser M [1986]. Study of absorption of selected organic compounds from air in gas washing bottles (in German). Staub-Reinhalt Luft 46(2):63-66.

Guenier JP, Lhuillier F, Muller J [1986]. Sampling of gaseous pollutants on silica gel with 1400 mg tubes. Ann Occup Hyg 30(1):103-114.

Guha PK, Kundu KK [1985]. Thermodynamics of autoionization of 2-methyl ethanol plus water mixtures and structuredness of the solvents. Can J Chem 63:804-808.

Guha PK, Kunda KK [1985]. Free energies and entropies of transfer of hydrogen halides from water to aqueous 2-methoxy ethanol and structuredness of the solvents. Can J Chem 63:798-803.

Gunderson EC, Anderson CC [1980]. Development and validation of methods for sampling and analysis of workplace toxic substances. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 80–133.

Hamlin JW, Hudson B, Sheen AD, Saunders KJ [1982]. The measurement of glycol ether levels in the workplace. Polymer Paint Colour J 172:61-63.

Hanzlik PJ, Lawrence WS, Fellows JK, Luduena FP, Laquer GL [1947]. Epidermal application of diethylene glycol monoethyl ether (carbitol) and some other glycols. J Ind Hyg Toxicol 29(5):325-341.

Harada T, Nagashima Y [1975]. Utilization of alkyl ether compounds by soil bacteria. J Ferment Technol 53:218-222.

Hardin BD [1983]. Reproductive toxicity of the glycol ethers. Toxicology 27:91-102.

Hardin BD, Goad PT, Burg JR [1985]. Teratogenicity of diethylene glycol monomethyl ether in the rat [Abstract No. P46]. Teratology 31:54A.

Hardin BD, Goad PT, Burg JR [1986]. Developmental toxicity of diethylene glycol monomethyl ether (diEGME). Fund Appl Toxicol 6:430-439.

Hardin BD, Lyon JP [1984]. Summary and overview: NIOSH symposium on toxic effects of glycol ethers. Environ Health Perspect 57:273-275.

Hardin BD, Schuler RL, Burg JR, Booth GM, Hazelden KD, MacKenzie KM, et al. [1987]. Evaluation of 60 chemicals in a preliminary developmental toxicity test. Teratogenesis Carcinogen Mutagen 7(1):29-48.

Harris GE, Tichenor BA [1982]. Response factors for VOC analyzers used in fugitive emission monitoring. Energy Environ Chem 1:293-319.

Heinonen T, Elovaara E, Laurén S, Vainio H, Jarvisalo J [1983]. Effect of various solvents on the xenobiotic biotransformation in the liver and the kidneys of the rat: a comparative study. In: Rydström J, Montelius J, Bengtsson M, eds. Extrahepatic Drug Metabolism and Chemical Carcinogenesis. Elsevier Science Publishers, pp. 29-31.

Heinonen T, Vainio H [1981]. Dose-dependent toxicity of ethylene glycol monomethyl ether vapour in the rat. Eur J Drug Metab Pharmacokinet 6(4):275-280.

Henschler D [1983]. Harmful industrial substances—toxicological and medical bases for the establishment of maximum allowable concentrations. 9th Suppl. Weinheim, Republic of Germany: Verlag Chemie, 336 p.

Hermens J, Canton H, Janssen P, De Jong R [1984]. Quantitative structure-activity relationships and toxicity studies of mixtures of chemicals with anaesthetic potency: acute lethal and sublethal toxicity to *Daphnia Magna*. Aquatic Toxicol 5:143-154.

Högberg J [1982]. Criteria document for Swedish occupational standards: some glycol ethers. Arbete Och Hälsa 33:1-17.

Hopkins WJ, Weaver EA, Luvisi FP, Filachione EM [1971]. The effects of diethylene glycol monobutyl ether on the bacterial population of freshly flayed calfskins. (Received from library with no references.)

HSE [1983]. Glycol ether and glycol acetate vapours in air; laboratory method using Tenax adsorbent tubes, thermal desorption and gas chromatography. Health and Safety Executive, April 1983, MDHS 23. London, England: Her Majesty's Stationery Office.

Hutson DH, Pickering BA [1971]. The metabolism of isopropyl oxitol in rat and dog. Xenobiotica 1(2):105-119.

IARC Working Group [1976]. IARC monographs on the evaluation of the carcinogenic risk of chemicals to man: triethylene glycol diglycidyl ether. Vol. XI. Lyon, France: World Health Organization, International Agency for Research on Cancer, pp. 209-214.

Illing HPA, Tinkler JJB [1984]. Review of the toxicity of glycol ethers.

Illing HPA, Tinkler JJB [1985]. Toxicity review 10: glycol ethers. Health and Safety Executive. London, England: Her Majesty's Stationery Office.

Inoue T, Takeuchi Y, Hisanaga N, Ono Y, Iwata M, Ogata M, et al. [1983]. A nationwide survey on organic solvent components in various solvent products: Part 1. Homogeneous products such as thinners, degreasers and reagents. Ind Health 21:175–183.

Jäckh R, Gelbke H-P, Helmstädter G [1985]. In vitro cytotoxicity of glycol ethers and oxidation products in CHO cells. Toxicol Lett 26:73-77.

Jaraczewska W, et al. [1979]. Toxicology of butyl glycol (EGBE CAS 11762) (in Polish). Med Pr 30(5):353-355.

Jaworski M, Krogulecki A, Biegala J [1981]. Determination of ethylene glycols and their methyl ethers by gas chromatography. Chema Analityczna 26:63.

Kamerling JP, Duran M, Bruinvis L, Ketting D, Wadman SK, de Groot CJ, et al. [1977]. (2-Ethoxyethoxy) acetic acid: an unusual compound found in the gas chromatographic analysis of urinary organic acids. Clinica Chimica Acta 77:397-405.

Kane LE, Dombroske R, Alarie Y [1980]. Evaluation of sensory irritation from some common industrial solvents. Am Ind Hyg Assoc J 41(6):451-455.

Kesten HD, Mulinos MG, Pomerantz L [1939]. Pathologic effects of certain glycols and related compounds. Arch Pathol 27:447-465.

Key MM, Gellin GA, Perone VB, Wagner WD, Groth DH, Morrill EE Jr. [1968]. Toxicity tests on post office cancelling ink 1882-17. Cincinnati, OH: U.S. Department of Health, Education, and Welfare, Public Health Service, Bureau of Disease Prevention and Environmental Control, National Center for Urban and Industrial Health. Unpublished confidential report.

Klonne DR, Dodd DE, Pritts IM, Troup CM, Nachreiner DJ, Ballantyne B [1987]. Acute, 9-day, and 13-week vapor inhalation studies on ethylene glycol monohexyl ether. Fund Appl Toxicol 8:198-206.

Kondratuk VA, Sergeta VN, Pis'ko GT, Pastushenko TV, Fira LS, Gun'ko LM, et al. [1981]. Brief reports. Data to substantiate maximum permissible concentration of monoethyl ether from diethylene glycol in the water reservoirs. Gig Sanit 4:74-76.

Könemann H [1981]. Quantitative structure-activity relationships in fish toxicity studies. Part 1: relationship for 50 industrial pollutants. Toxicology 19:209-221.

Krotov YuA, Lykova AS, et al. [1981]. Toxicological properties of ethers of diethylene glycol (carbitols) with regard to the conservation of the atmospheric air (in Russian). Gig Sanit 2:14–17.

Kupriyanov VS, Kondrashkin GI [1973]. Toxicity of some substances used in the production of wire enameling (in Russian). Mater, Povolzh Konf Fiziol Uchastiem Biokhim Farmakol Morfol 6:222.

Kusano K, Wadsö I [1971]. Enthalpies of vaporization of organic compounds. VIII. Alkoxyethanols. Acta Chem Scand 25(1):219-224.

Langhorst ML [1984]. Glycol ethers—validation procedures for tube/pump and dosimeter monitoring methods. Am Ind Hyg Assoc J 45(6):416-424.

Latven AR, Molitor H [1939]. Comparison of the toxic, hypnotic, and irritating properties of eight organic solvents. J Pharmacol Exp Ther 65:89-94.

Lauwerys RR [1983]. Industrial chemical exposure: guidelines for biological monitoring. Davis, CA: Biomedical Publications.

Lee KH, Wong HA [1979]. Toxic effects of some alcohol and ethylene glycol derivatives on *Cladosporium resinae*. Appl Environ Microbiol 38(1):24-28.

Linscombe VA, Gollapudi BB [1987]. Evaluation of diethylene glycol monobutyl ether in the Chinese hamster ovary cell/hypoxanthine-guanine-phosphoribosyl transferase (CHO/HGPRT)

forward mutation assay. Final report; study ID TXT:K-001699-13. Freeport, TX: The Dow Chemical Company; laboratory project study for the Chemical Manufacturers Association.

Lorber M [1972]. Hematoxicity of synergized pyrethrin insecticides and related chemicals in intact, totally, and subtotally splenectomized dogs. Acta Hepato-Gastroenterologica 19(1):66-78.

Luduena FP, Lawrence WS, Fellows JK, Clark WH, Hanzlik PJ [1947]. Excretion and fate of diethylene glycol monoethyl ether (carbitol) after epidermal and other methods of administration. Arch Int Pharmacodyn Ther 75(1):1-18.

Lunn GA [1982]. The influence of chemical structure and combustion reactions on the maximum experimental safe gap of industrial gases and liquids. J Hazard Mater 6(4):341-359.

Lykova AS, Skachkov MA, Mitrofanova AI, Davydova MP, Saparmamedov ES [1976]. Data for the hygienic standardization of monoisopropyl and monobutyl ethers of ethylene glycol in the atmosphere (in Russian). Gig Sanit 11:7-11.

Lyon JP [1984]. Summary of CMA glycol ether research activities. Environ Health Perspect 57:5-6.

Maltseva GA, Talakin YuN [1985]. Determination of acetone, ethylacetate, butylacetate, ethylcellosolve in the air by gas chromatography (in Russian). Gig Sanit 9:55.

Maron D, Katzenellenbogen J, Ames BN [1981]. Compatibility of organic solvents with the Salmonella/microsome test. Mutat Res 88(4):343-350.

Matanoski GM, Stockwell HG, Diamond EL, Haring-Sweeney M, Joffe RD, Mele LM, et al. [1986]. A cohort mortality study of painters and allied tradesmen. Scand J Work Environ Health 12:16-21.

Maykoski RT, Jacks C [1970]. Review of various air sampling methods for solvent vapors. Prof. report no. 70M-4 (Project no. 67M-46). McClellan Air Force Base, CA: U.S. Department of Defense, U.S. Air Force, USAF Environmental Health Laboratory, NTIS report.

Meininger WM [1948]. External use of "carbitol solvent," "carbitol" and other agents. Arch Dermatol and Syphilol 58:19-26.

Meistrich M [1983]. Quantitative assessments of reproductive outcomes—discussion paper. Cleveland, OH: ICAIR, Life Systems, Inc. U.S. Environmental Protection Agency contract TR-507-108.

Melikyan LG [1974]. The effect of the industrial factors present in a cable plant's enamel shop on animals. Zh Eksp Klin Med 14(2):20-24.

Miller RR, Hermann EA, Young JT, Calhoun LL, Kastl PE [1984]. Propylene glycol monomethyl ether acetate (PGMEA) metabolism, disposition, and short-term vapor inhalation toxicity studies. Toxicol Appl Pharmacol 75:521-530.

Miller RR, Langvardt PW, Calhoun LL, Yahrmarkt MA [1986]. Metabolism and disposition of propylene glycol monomethyl ether (PGME) beta isomer in male rats. Toxicol Appl Pharmacol 83:170-177.

Miller RR, Langvardt PW, Calhoun LL, Yahrmarkt MA [1985]. Comparative metabolism and disposition of propylene glycol monomethyl ether (PGME) alpha and beta isomers [Abstract No. 681]. Toxicologist 5(1):171.

Miller RR [1987]. Metabolism and disposition of glycol ethers. Drug Metab Rev 18(1):1-22.

Miwa TK [1969]. Gas chromatographic characterization by equivalent degree of polymerization and incremental equivalent chain length constants. Application to poly(ethylene glycol) and ethylene glycol derivatives. Anal Chem 41(2):307-310.

Morel C, Cavigneaux A, Protois JC [1977]. Toxicological cards. 131. Methyl glycol acetate (in French). Cah Notes Doc 88:383-386.

Morel C, Cavigneaux A, Protois JC [1977]. Butyl glycol acetate (in French). Cah Notes Doc 86:117-119.

Morgan RW, Kaplan SD, Gaffey WR [1981]. A general mortality study of production workers in the paint and coatings manufacturing industry. J Occup Med 23(1):13-21.

Morgott DA, Nolan RJ [1987]. Nonlinear kinetics of inhaled propylene glycol monomethyl ether in Fischer 344 rats following single and repeated exposures. Toxicol Appl Pharmacol 89:19-28.

Mortelmans K, Haworth S, Lawlor T, Speck W, Tainer B, Zeiger E [1986]. Salmonella mutagenicity tests: II. Results from the testing of 270 chemicals. Environ Mutagen 8(Suppl 7):1-119.

Muller J, Greff G [1984]. Research on the relations between toxicity of molecules of industrial interest and physiochemical properties: irritation test of the upper respiratory tract applied to four families of chemicals. Food Chem Toxicol 22(8):661-664.

Nawrocki CZ, Brackett FS, Werner HW [1944]. Determination of concentration of monoalkyl ethylene glycol ethers in air by infra-red absorption spectroscopy. J Ind Hyg Toxicol 26:193-196.

Nelson BK, Vorhees CV, Scott WJ Jr., Hastings L [1989]. Effects of 2-methoxyethanol on fetal development, postnatal behavior, and embryonic intracellular pH of rats. Neurotoxicol Teratol 11(3):273-284.

New Jersey State Department of Health [1965]. Occupational health bulletin: butyl cellosolve. New Jersey State Department of Health, Bureau of Adult and Occupational Health. Occup Health Bull 6(6):1-4.

Nishikawa S, Tanaka M, Mashima M [1981]. Structure and kinetics in aqueous solutions of ethers by ultrasonic methods. J Phys Chem 85:686-689.

Nolen GA, Gibson WB, Benedict JH, Briggs DW, Schardein JL [1985]. Fertility and teratogenic studies of diethylene glycol monobutyl ether in rats and rabbits. Fund Appl Toxicol 5:1137-1143.

Opdyke DL [1974]. Monographs on fragrance raw materials. Food Cosmet Toxicol 12:519.

Oudiz D, Hurtt M, Zenick H [1985]. Relationship between blood and seminal concentrations for 2-ethoxyethanol (EE) and ethylene dibromide (EDB). Toxicologist 51:115.

Oudiz D, Hurtt M, Zenick H [1985]. In vitro effects of ethoxyacetic acid on energy metabolism in isolated pachytene spermatocytes. Toxicologist 51:116.

Pastushenko TV, Golka NV, Knodratyuk V, Pereima VY [1985]. Study of the skin irritant and sensitizing effect of diethylene glycol monomethyl ether (in Russian). Gig Sanit 10:80-81.

Paustenbach DJ [1985]. Risk assessment of the reproductive hazards of select glycol ethers as used in the semiconductor industry. Report dated October 30, 1985. Sunnyvale, CA: Industry Association by ChemRisk.

Paustenbach DJ [1988]. Assessment of the developmental risks resulting from occupational exposure to select glycol ethers within the semiconductor industry. J Toxicol Environ Health 23:29-75.

Pederson LM, Nielsen GD, Cohr KH [1980]. Alcohol elimination rate after inhalation of oxitol (2-ethoxyethanol). Z Rechtsmed 85:199-203.

Popendorf W [1984]. Vapor pressure and solvent vapor hazards. Am Ind Hyg Assoc J 45:719-726.

Posner JC, Okenfuss JR [1981]. Desorption of organic analytes from activated carbon. 1. Factors affecting the process. Am Ind Hyg Assoc J 42:643-652.

Reel JR, Lawton AD, Lamb JC [1984]. Diethylene glycol monoethyl ether: reproduction and fertility assessment in CD-1 mice when administered in the drinking water. Contract report submitted by Research Triangle Park Institute to the National Toxicology Program, November 8, 1984.

Reproductive Toxicology Center [1985]. Reproductive toxicology of the glycol ethers. Reprod Toxicol 4(4):15-18.

Rigby J [1981]. The collection and identification of toxic volatiles from plastics under thermal stress. Ann Occup Hyg 24:331-345.

Romer KG, Balge F, Freundt KJ [1985]. Ethanol-induced accumulation of ethylene glycol monoalkyl ethers in rats. Drug Chem Toxicol 8:255-264.

Roudabush RL, Terhaar CJ, Fassett DW, Dziuba SP [1965]. Comparative acute effects of some chemicals on the skin of rabbits and guinea pigs. Toxicol Appl Pharmacol 7:559-565.

Rowe VK, McCollister DD, Spencer HC, Oyen F, Hollingsworth RL, Drill VA [1954]. Toxicology of mono, di and tri-propylene glycol methyl ethers. AMA Arch Ind Hyg Occup Med 9:509-525.

Sakurai H [1982]. Monitoring health effects due to hazardous working environment—organic solvents (in Japanese). J Japan Med Assoc 88:1193-1120.

Saparmamedov E [1975]. The relative toxicities of the monomethyl and monoethyl ethers of ethylene glycol (MME) and (MEE) in single and repeated tests (report II). Zravookhranenie Turkmenistana 19(8):29–34.

Saparmamedov E [1974]. Toxicity of some simple ethylene glycol esters. Zravookhranenie Turkmenistana 18:26–31.

Savolainen H [1980]. Glial cell toxicity of ethylene glycol monomethyl ether vapor. Environ Res 22:423-430.

Scheffers TM, Jongeneelen FJ, Bragt PC [1985]. Development of effect specific limit values (ESLV's) for solvent mixtures in painting. Ann Occup Hyg 29:191-199.

Schuler RL, Hardin BD, Niemeier RW [1982]. Drosophila as a tool for the rapid assessment of chemicals for teratogenicity. Teratogen Carcinog Mutagen 2:293-301.

Scortichini BH, Quast JF, Rao KS [1987]. Teratologic evaluation of 2-phenoxyethanol in New Zealand white rabbits following dermal exposure. Fund Appl Tox 8:272-279.

Scott WJ, Nou H, Wittfoht W, Merker H-J [1987]. Ventral duplication of the autopod: chemical induction by methoxyacetic acid in rat embryos. Development 99:127-136.

Shideman FE, Procita P [1951]. The pharmacology of the monomethyl ethers of mono, di and tripropylene glycol in the dog with observations on the auricular fibrillation produced by these compounds. J Pharmacol Exp Ther 102:79-87.

Shopsis C, Sathe S [1984]. Uridine uptake inhibition as a cytotoxicity test: correlations with the Draize test. Toxicol 29:195-206.

Sidhu KS [1984]. The determination of environmental 2-ethoxyethanol by gas chromatography. Arch Toxicol 55:272-275.

Singh AR, Lawrence WH, Autian J [1974]. Mutagenic and antifertility sensitivities of mice to di-2-ethylhexyl phthalate (DEHP) and dimethoxyethyl phthalate (DMEP). Toxicol Appl Pharmacol 29:35-46.

Sleet RB, John-Greene JA, Welsch F [1986]. Localization of radioactivity from 2-methoxy [1,2-¹⁴C] ethanol in maternal and conceptus compartments of CD-1 mice. Toxicol Appl Pharmacol 84:25-35.

Sleet RB, Greene JA, Welsch F [1987]. Teratogenicity and disposition of the glycol ether 2-methoxyethanol and their relationship in CD-1 mice. In: Frank Welsch, ed. Approaches to elucidate mechanisms in teratogenesis. Washington, DC: Hemisphere Publishing Corporation, pp. 33-57.

Smith KN [1983]. Determination of the reproductive effects in mice of nine selected chemicals. NTIS No. PB-84-183540.

Smith RL [1984]. Review of glycol ether and glycol ether ester solvents used in the coating industry. Environ Health Perspect 57:1-4.

Smyth HF Jr., Carpenter CP, Weil CS, Pozzani UC, Striegel JA, Nycum JS [1969]. Range-finding toxicity data: list VII. Am Ind Hyg J 30:470-476.

Sova B [1975]. Colorimetric determination of ether alcohols in the atmosphere (in Czechoslovakian). Pracov Lek 27:17-19.

St George AV [1937]. The pathology of the newer commercial solvents. Am J Clin Path 7:69-77.

SRI [1986]. 1986 Directory of chemical producers, USA. Stanford Research Institute, SRI International.

Stenger Von EG, Aeppli L, Muller D, Peheim E, Thomann P [1972]. On the toxicity of propyleneglycol-monomethyl-ether. Arzneimittel-Forschung 22:569-574.

Stewart RD, Baretta ED, Dodd HC, Torkelson TR [1970]. Experimental human exposure to vapor of propylene glycol monomethyl ether. Arch Environ Health 20:218-223.

Stott WT, McKenna MJ [1985]. Hydrolysis of several glycol ether acetates and acrylate esters by nasal mucosal carboxylesterase in vitro. Fund Appl Toxicol 5:399-404.

Sutton WL [1969]. Psychiatric disorders and industrial toxicology. Inter Psych Clinics 6:339-351.

Syravadko ON, Malysheva ZV [1977]. Work conditions and their effect on certain specific functions among women who are engaged in the production of enamel-insulated wire. Gig Tr Prof Zabol 4:25-28.

Tangredi G, Carbone U, Rossi L, Galdi A [1981]. Environmental conditions in a paint factory and effects on employee health (in Italian). Riv Med Lav Ig Ind 5(Oct-Dec):325-327.

Telford IRR, Woodruff CS, Linford RH [1962]. Fetal resorption in the rat as influenced by certain antioxidants. Am J Anat 110:29-36.

Thompson ED, Coppinger WJ, Valencia R, Lavicoli J [1984]. Mutagenicity testing of diethylene glycol monobutyl ether. Environ Health Perspect 57:105-112.

Toftgard R, Gustafsson JA [1980]. Biotransformation of organic solvents. Scand J Work Environ Health 6:1-18.

Toraason M, Niemeier RW, Hardin BD [1986]. Calcium homeostasis in pregnant rats treated with ethylene glycol monomethyl ether (EGME). Toxicol Appl Pharmacol 86:197-203.

Tyler TR [1984]. Acute and subchronic toxicity of ethylene glycol monobutyl ether. Environ Health Perspect 57:185-191.

Valencia R, Mason JM, Zimmering S [1985]. Chemical mutagenesis testing in drosophila: 3 results of 48 coded compounds tested for the National Toxicology Program. Environ Mutagen 7:325-348.

Vegh L [1985]. Propylene glycol ethers and propylene glycol ether acetate 'PMA' in coating applications. Pigment and Resin Toxicol 14:4-8.

Wahlberg JE, Boman A [1979]. Comparative percutaneous toxicity of ten industrial solvents in the guinea pig. Scand J Work Environ Health 5:345-351.

Wald PH, Jones JR [1987]. Semi-conductor manufacturing: an introduction to processes and hazards. Am J Ind Med 11:203-221.

Ward RJ, Scott RC [1986]. Triethylene glycol ethers: absorption through human epidermis in vitro. Chemical Manufacturers' Association report dated 10/31/86.

Wason SM, Hodge MCE, Macpherson A [1986]. Triethylene glycol ethers: an evaluation of teratogenic potential and developmental toxicity using an in vivo screen in rats. Chemical Manufacturers' Association report dated 8/11/86.

Welsch F, Stedman DB [1984]. Inhibition of intercellular communication between normal human embryonal palatal mesenchyme cells by teratogenic glycol ethers. Environ Health Perspect 57:125–133.

Welsch F, Sleet RB, Greene JA [1987]. Attenuation of 2-methoxyethanol and methoxyacetic acid induced digit malformations in mice by simple physiological compounds: implications for the role of further metabolism of methoxyacetic acid in developmental toxicity. Biochem Toxicol 2:225–240.

Wickramaratne GA de S [1987]. The Chernoff-Kavlock assay: its validation and application in rats. Teratogenesis Carcinog Mutagen 7:73-83.

Wier PJ, Lewis SC, Traul KA [1987]. A comparison of developmental toxicity evident at term to postnatal growth survival using ethylene glycol monoethyl ether, ethylene glycol monobutyl ether, and ethanol. Teratogenesis Carcinog Mutagen 7:55-64.

Winchester RV [1985]. Solvent exposure of workers during printing ink manufacture. Ann Occup Hyg 29:517-519.

Zeiger E, Haworth S, Mortelmans K, Speck W [1985]. Mutagenicity testing of di(2-ethyl-hexyl)phthalate and related chemicals in Salmonella. Environ Mutagen 7:213-232.

Zenick H, Oudiz D, Niewenhuis RJ [1984]. Spermatotoxicity associated with acute and subchronic ethoxyethanol treatment. Environ Health Perspect 57:225-231.