

Experimental Project Results from the Design Institute for Physical Properties (DIPPR) of the American Institute of Chemical Engineers. 8

This volume contains the eighth series of papers published in the *Journal of Chemical and Engineering Data* reporting results from the various experimental projects of the Design Institute for Physical Properties (DIPPR), of the American Institute of Chemical Engineers. Previous data were published in Volume 41, Number 6, 1996; Volume 42, Number 6, 1997; Volume 44, Number 3, 1999; Volume 45, Number 2, 2000; Volume 47, Number 4, 2002; Volume 49, Number 1, 2004; and Volume 49, Number 6, 2004. Before publication of DIPPR results began in this Journal, they were published in the *AIChE Symposium Series* [81 (244), 1985; 83 (256), 1987; 85 (271), 1989; 86 (279), 1990] and the *DIPPR Data Series* [No. 1, 1991; No. 2, 1994].

This issue contains four papers reporting vapor–liquid equilibria data from Project 805 (Experimental Data on Mixtures) and three reporting critical property data from Project 851 (Critical Properties of Pure Compounds). The Project Steering Committees extend their gratitude to the principal investigators who have participated in the DIPPR projects. In November 2006, DIPPR will complete 28 years since its formation as a joint-industry, cooperative physical property data endeavor. The mission of DIPPR remains unchanged: To provide the best single data repository for “evaluated” physical properties needed by the world’s process engineering and petrochemical communities. Membership in DIPPR and sponsorship of the various projects are open to organizations worldwide.

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Ashok Dewan

Technical Director
Design Institute for Physical Properties
American Institute of Chemical Engineers

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