



## Physical Data for Chemists and Chemical Engineers

# DETERM® - The World's Largest Database on the Thermophysical Properties of Pure Compounds and Compound Mixtures

Berlin, August 1999 - The 37th IUPAC Congress held in parallel in Berlin with the 27th General Meeting of the German Chemical Society, which also commemorates the 50th Anniversary of the Foundation of the current German Chemical Society, are taken as the occasion to once again provide an update of the features of DETERM®, the world's largest factual database on thermophysical data which is produced by FIZ CHEMIE Berlin (the German "Chemistry Information Centre" in Berlin) in conjunction with the DECHEMA e.V. in Frankfurt/Main and DDBST (University of Oldenburg).

The DETERM® database is actually a complete "family" of property-orientated datafiles such as "DDB", "ELDAR", "INFOTHERM", "COMDOR", "C-DATA", "BDBB" and DECHEMA DATA which are each constructed and maintained by experts in their fields and which have been combined to form the comprehensive "parent" database with a view to meeting the data requirements of apparatus designers and process and application engineers. As of mid-1999, the complete system now contains more than 385,000 sets of data/data tables (including 35,000 bibliographic references and descriptors). The information also includes more than 75 properties (for example: PVT data, caloric data, phase equilibria, transport, surface and electrical and electrochemical properties) related to about 21,000 compounds (pure components or mixtures).

The database is available both online (on STN International) and as inhouse versions. DETERM® data are also compatible with ASPEN PLUS 10 process simulation software.

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