

FIZ CHEMIE Berlin will release its "INFOTHERM" database of thermophysical data of substances in the Internet at the online information 2003 / Easy integration in internal company networks and intranets because of its XML Format

Thermophysical Properties of 23,000 Mixtures and 6300 Pure substances in the Internet

Berlin, November 2003 – Mid-year, Germany's Chemistry Information Centre (Fachinformationszentrum Chemie, FIZ CHEMIE Berlin) announced that its database of thermophysical data of substances, INFOTHERM, would soon be available on the Internet. This database is now finished and will be released in the Internet to coincide with the online information exhibition and conference which will take place in London from the 2nd to the 4th December. The new online database will make the thermophysical properties of about 6300 pure substances and 23,000 mixtures available in the Web. Part of this information, especially basic data for pure substances, will be available to users free of charge, but more detailed data concerning the behaviour of pure substances and mixtures under specific user-defined conditions will require payment. Infotherm will be available either as a subscription database or on a pay-per-view basis; the latter meaning that users will only pay for that information which they have retrieved and evaluated as being of relevance for their needs.

"With INFOTHERM we especially want to serve small and medium-sized companies and chemical engineering firms engaged in plant development and construction", explained Dr. Jost T. Bohlen, Head of Product Development and Internet Services at FIZ CHEMIE Berlin, "companies who want to cover their requirements for information without having to install additional software or be schooled in the use of retrieval software. INFOTHERM is programmed in the XML format and the data can be accessed with any conventional Internet browser". Small and medium-sized enterprises whose information requirements are irregular and project-dependent will now have easy, round-the-clock access to the high-quality data which they require.

INFOTHERM contains basic and factual data on pure substances and mixtures, such as PVT properties, phase equilibria data, transport and surface properties, calorific properties and solid-liquid equilibria data. Each property may be accessed by a number of ways in a matter of only a few seconds, including via substances' chemical or trivial names, their molecular formulae or via their CAS Registry Numbers. The data is gathered from publications from various sources such as journals and handbooks and from data collections and reports. In all, the database currently contains some 150,000 sets of data and covers the time-period from 1985 until the present. INFOTHERM is continually updated with additions being carried out on a monthly basis. Because of its XML format, the database may be integrated into company intranets without problem.

For additional information

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