

# DEThERM - Thermophysical Properties Database

DEThERM 가  
DEThERM  
가  
가  
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DEThERM DECHEMA Thermophysical Property Database  
가 ,가  
16,000 84,000  
2,850,000 data set  
(DECHEMA Chemistry Data Series)

\* Database

DEThERM

VLE 가 . (VLE for low boiling substances.)  
Table.1 DEThERM

\* Database Access Options

DEThERM 3 가

(1) STN International host

(2) inhouse version

(3) DEThERM Internet client Internet

Table 1. Contents of DETHERM

Package Name	No. of Data Points	Contents
DDB Dortmund Database	245,000	VLE , LLE, HE, CPE ,Pure Properties, ...
ELDAR Electrolyte Data Collection	50,622	Density, heat of Solution, heat capacity, viscosity,...
INFOTHERM Thermophysical Database	71,272	PVT data, surface props., caloric properties, equilibrium (VLE,LLE,GLE( basic data,....
COMDOR Thermophysical Parameters	20,131	Phase Equilibrium (VLE), excess enthalpy, caloric prop.s,...
C-DATA Data Collection Prague	7,047	20 physico-chemical properties of 593 chemicals.
BDBB Base database Bohlen	18,041	Properties constant matrix with 25 fields for 1126 components.
OTHERS Several smaller packages	208,627	Chebychev- and Antoine- constants, transport prop.s, caloric data, PVT data, critical constants.

(1) On-line access

가 on-line access 가  
 DETHERM STN-International  
 Columbus, Karlsruhe, Tokyo  
 STN DATEX-P

MESSANGER command language

(2) In-house version

inhouse version

In-house online

\* ORACLE

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\* Regression utility 가

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import/export

가 가

In-house

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MOTIF

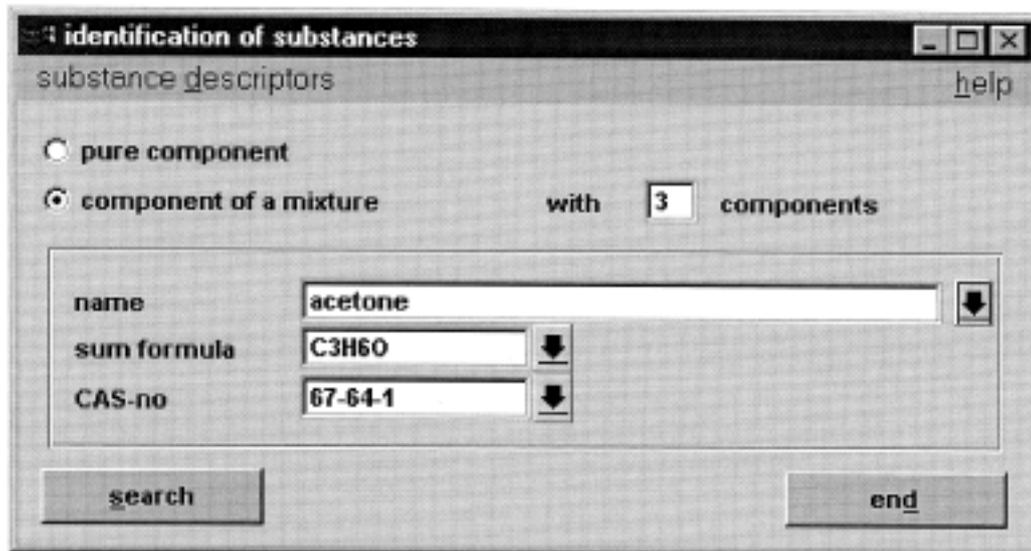
ORACLE

2 Gigabyte

SQL\*NET

ORACLE

DETERM



EXCEL, IK-CAPE, ASPEN-DRS

. IK-CAPE

European CAPE OPEN

OPEN

ASPEN-DRS

ASPEN

exporting

exporting

가

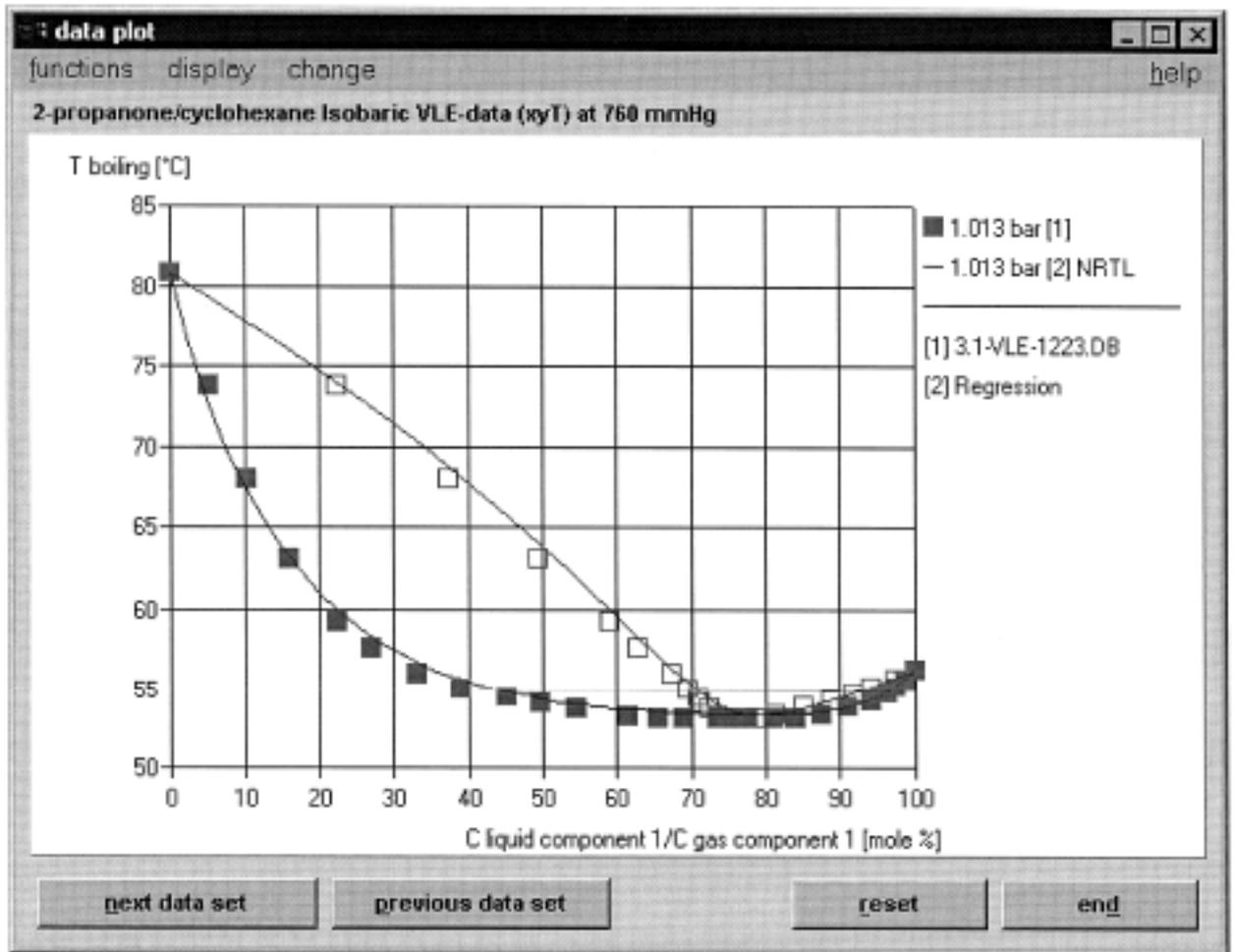
CAPE

Data Regression module

Inhouse version  
가

Regression

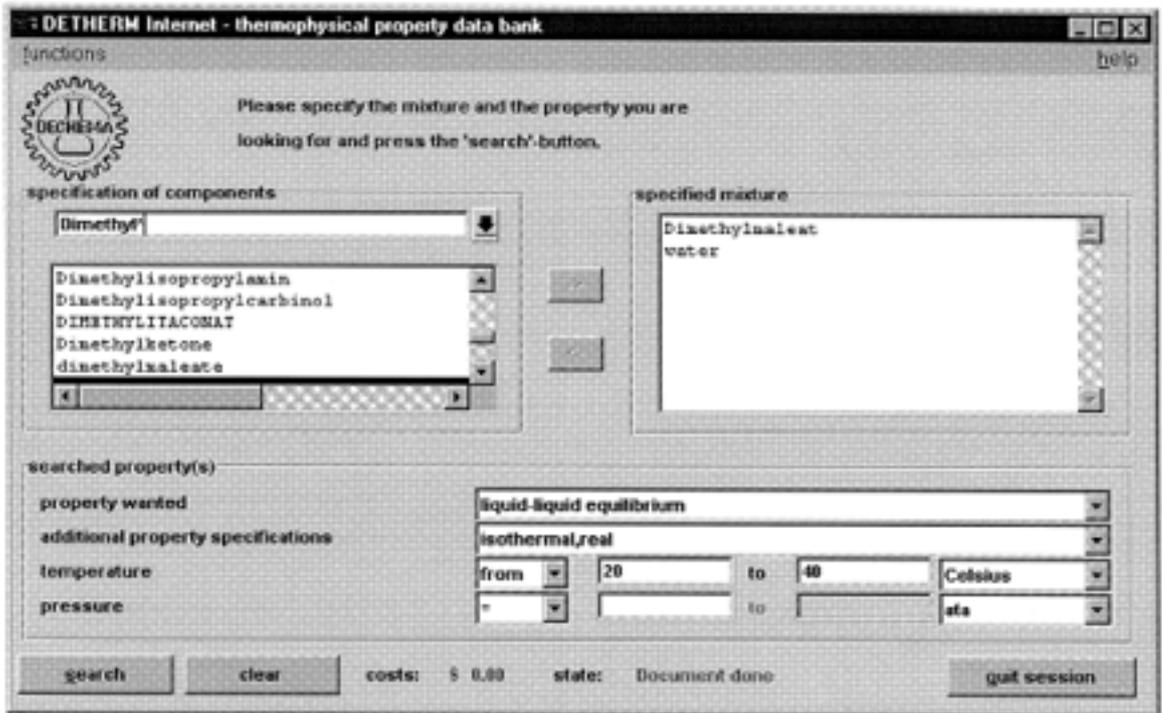
Regression



(3) Internet access

DETERM

DETERM Internet client  
DETERM Internet server



ASPEN PLUS  
 DETHERM ASPEN PLUS

DETERM 가 가  
 , DETHERM 가  
 . DETHERM STN , Inhouse  
 , Internet  
 Inhouse 가 , STN Internet  
 Inhouse