

Usage of the DEThERM Database Viewer

What is the DETHERM Database Viewer

- The Database Viewer contains the data directory of the DETHERM database. That means you are able to evaluate ...
 - What components and mixtures are part of the database
 - What kind of data are present for the different components and mixtures
 - You can see the temperature and pressure ranges, the amount of data within the data tables and the year of publication
 - You can evaluate the contents of the different data collections
- DETHERM consists of
- The following slides will introduce you in the usage ...

To see all data for water ... (1)

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Information Systems & Databases

Filter display (* = Wildcard, != not operator)

Component(s)

CAS-Number

Property

Search for:
 pure
 mixture of 2
 as entered

Filter
Reset
Collections ...

Hits (Selected/Total): 680506/680506

Autosize Display F1 = Help

Search history:

Mixture name	Mixture CAS...	Table title	L	C															
abietic acid copper(2+) salt/ac...	25986-23-6]	solid-liquid equilibrium, solubility	0	2															
abietic acid copper(2+) salt/ac...	25986-23-6]	solid-liquid equilibrium, solubility	0	2															
abietic acid copper(2+) salt/be...	25986-23-6]	solid-liquid equilibrium, solubility	0	2															
abietic acid copper(2+) salt/be...	25986-23-6]	solid-liquid equilibrium, solubility	0	2															
abietic acid copper(2+) salt/ca...	25986-23-6]	solid-liquid equilibrium, solubility	0	2															
abietic acid copper(2+) salt/et...	25986-23-6]	solid-liquid equilibrium, solubility	0	2															
abietic acid copper(2+) salt/for...	25986-23-6]	solid-liquid equilibrium, solubility	0	2															
abietic acid copper(2+) salt/nit...	25986-23-6]	solid-liquid equilibrium, solubility	0	2													1911	ELDAR	
abietic acid copper(2+) salt/thi...	25986-23-6]	solid-liquid equilibrium, solubility	0	2													1911	ELDAR	
abietic acid copper(2+) salt/2-...	25986-23-6]	solid-liquid equilibrium, solubility	0	2													1911	ELDAR	
abietic acid ethyl ester	631-71-0	viscosity, dynamic	4	2	293...	353...											1981	DECHEMA	
absorption oil	D256600019	density	9	3	323...	323...	9910...	4913...									1992	INFOTHERM	
absorption oil	D256600019	density	2	3	323...	503...	1000...	5000...									1992	INFOTHERM	
absorption oil	D256600019	density	41	3	373...	503...	9910...	4913...									1992	INFOTHERM	
absorption oil	D256600019	density	4	3	373...	473...	1080...	1080...									1992	INFOTHERM	
acenaphthylene	208-96-8	acentric factor	1	1													1985	DECHEMA	
acenaphthylene	208-96-8	Antoine-constants log(p/Torr) = A - B/((T/deg C)+C)	1	4	362...	543...											1983-...	DDB-PURE	
acenaphthylene	208-96-8	critical compressibility factor	1	1													1982	DECHEMA	
acenaphthylene	208-96-8	critical temperature, critical density	1	2													1985	DECHEMA	
acenaphthylene	208-96-8	critical temperature, critical pressure, critical density, c...	1	4													1982	DECHEMA	
acenaphthylene	208-96-8	critical temperature, critical pressure, critical volume, ...	1	4	796...	796...	3222...	3222...									1983-...	DDB-PURE	
acenaphthylene	208-96-8	density	1	2	298...	298...											1983-...	DDB-PURE	

You have to enter „water“ as component here ...
(Finish you entry with Return)



To see all data for water ... (2)

Filter display (* = Wildcard, != not operator)

Component(s) Search for
 pure
 mixture of 2
 as entered

CAS-Number Filter
 Property Reset

Hits (Selected/Total): 2880/680506 Autosize Display F1 = Help

Search history: C: WATER

Mixture name	Mixture CAS...	Table title	Li...	C...	T >...	T <...	P >= ...	P <= ...	Year	Collection
water	7732-18-5	acentric factor	1	1					1979	DECHEMA
water	7732-18-5	acentric factor	1	2	453,1	453,1			1990	INFOTHERM
water	7732-18-5	acentric factor	1	1					1993	CDATA
wa		aturation, critical pressure	1	3					1985	COMDOR
wa		aturation, critical pressure, c...	1	4	647...	647...	2209...	2209...	1986	COMDOR
wa		= A - B / ((T / deg C) + C)	2	4	274...	647...			1983-...	DDB-PURE
wa			1	1					1937	ELDAR
wa			1	1					1966	COMDOR
wa			1	1					1966	DECHEMA
wa			1	3	273...	273...			1966	DECHEMA
wa			1	1					1972	COMDOR
water	7732-18-5	boiling point	1	1					1975	COMDOR
water	7732-18-5	boiling point	1	1					1979	COMDOR
water	7732-18-5	boiling point	1	1					1979	COMDOR
water	7732-18-5	boiling point	1	1					1979	COMDOR
water	7732-18-5	boiling point	1	1					1979	COMDOR
water	7732-18-5	boiling point	1	1					1979	COMDOR
water	7732-18-5	boiling point	1	1					1979	COMDOR
water	7732-18-5	boiling point	1	1					1979	COMDOR
water	7732-18-5	boiling point	1	1					1979	COMDOR
water	7732-18-5	boiling point	1	1					1979	COMDOR
water	7732-18-5	boiling point	1	1					1980	COMDOR
water	7732-18-5	boiling point	1	1					1981	COMDOR
water	7732-18-5	boiling point	1	1					1982	COMDOR

2880 tables containing data for the pure component water are displayed now

The data collection containing the data set is displayed in this column.

To see all data for the mixture water / acetone ... (1)

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Filter display (* = Wildcard, ! = not operator)

Component(s) ...

CAS-Number

Property

Search for:
 pure
 mixture of 2
 as entered

Filter **Reset** Collections ...

Hits (Selected/Total): 2880/680506 Auto Size Display **F1 = Help**

Search history: **C: WATER**

Mixture name	Mixture CAS...	Table title	Li...	C...	T >...	T <...	P >= ...	P <= ...	Year	Collection
water	7732-18-5	acentric factor	1	1					1979	DECHEMA
water	7732-18-5	acentric factor	1	2	453,1	453,1			1990	INFOTHERM
water	7732-18-5	acentric factor							1993	CDATA
water	7732-18-5	acentric factor,							1985	COMDOR
water	7732-18-5	acentric factor,						2209...	1986	COMDOR
water	7732-18-5	Antoine-consta							1983-...	DDB-PURE
water	7732-18-5	boiling point							1937	ELDAR
water	7732-18-5	boiling point							1966	COMDOR
water	7732-18-5	boiling point							1966	DECHEMA
water	7732-18-5	boiling point			275...	275...			1966	DECHEMA
water	7732-18-5	boiling point	1	1					1972	COMDOR
water	7732-18-5	boiling point	1	1					1975	COMDOR
water	7732-18-5	boiling point	1	1					1979	COMDOR
water	7732-18-5	boiling point	1	1					1979	COMDOR
water	7732-18-5	boiling point	1	1					1979	COMDOR
water	7732-18-5	boiling point	1	1					1979	COMDOR
water	7732-18-5	boiling point	1	1					1979	COMDOR
water	7732-18-5	boiling point	1	1					1979	COMDOR
water	7732-18-5	boiling point	1	1					1979	COMDOR
water	7732-18-5	boiling point	1	1					1979	ELDAR
water	7732-18-5	boiling point	1	1					1980	COMDOR
water	7732-18-5	boiling point	1	1					1981	COMDOR
water	7732-18-5	boiling point	1	1					1982	COMDOR

Click at first the reset button to reset your search

To see all data for the mixture water / acetone ... (2)

Filter display (* = Wildcard, ! = not operator)

Component(s)

CAS-Number

Property

Search for

pure

mixture of 2

as entered

Filter

Reset

Collections ...

Hits (Selected/Total): 680506/680506

Autosize Display F1 = Help

Search history:

Mixture name	Mixture CAS...	Table title	Li...	C...	T...	T<...	P >= ...	P <= ...	Year	Collection
abietic acid copper(2+) salt/ac...	25986-23-6]...	solid-liquid equilibrium, solubility	0	2					1911	ELDAR
abietic acid copper(2+) salt/ac...	25986-23-6]...	solid-liquid equilibrium, solubility	0	2					1911	ELDAR
abietic acid copper(2+) salt/be...	25986-23-6]...	solid-liquid equilibrium, solubility	0	2					1911	ELDAR
abietic acid copper(2+) salt/be...	25986-23-6]...	solid-liquid equilibrium, solubility	0	2					1911	ELDAR
abietic acid copper(2+) salt/be...	25986-23-6]...	solid-liquid equilibrium, solubility	0	2					1911	ELDAR
abietic acid copper(2+) salt/be...	25986-23-6]...	solid-liquid equilibrium, solubility	0	2					1911	ELDAR
abietic acid copper(2+) salt/be...	25986-23-6]...	solid-liquid equilibrium, solubility	0	2					1911	ELDAR
abietic acid copper(2+) salt/be...	25986-23-6]...	solid-liquid equilibrium, solubility	0	2					1911	ELDAR
abietic acid copper(2+) salt/be...	25986-23-6]...	solid-liquid equilibrium, solubility	0	2					1911	ELDAR
abietic acid ethyl e...			2		293...	353...			1981	DECHEMA
absorption oil			3		323...	323...	9910...	4913...	1992	INFOTHERM
absorption oil			3		323...	503...	1000...	5000...	1992	INFOTHERM
absorption oil			3		373...	503...	9910...	4913...	1992	INFOTHERM
absorption oil			3		373...	473...	1080...	1080...	1992	INFOTHERM
acenaphthylene			1						1985	DECHEMA
acenaphthylene			4		362...	543...			1983-...	DDB-PURE
acenaphthylene			1						1982	DECHEMA
acenaphthylene	208-96-8	critical temperature, critical density	1	2					1985	DECHEMA
acenaphthylene	208-96-8	critical temperature, critical pressure, critical density, c...	1	4					1982	DECHEMA
acenaphthylene	208-96-8	critical temperature, critical pressure, critical volume, ...	1	4	796...	796...	3222...	3222...	1983-...	DDB-PURE
acenaphthylene	208-96-8	density	1	2	298...	298...			1983-...	DDB-PURE

Click the radio button „Search for mixture of“ to enable searching for mixtures with 2 components.

(To alter the number of components to search for, use the arrow keys)

To see all data for the mixture water / acetone ... (3)

Filter display (* = Wilcard, != not operator)

Component(s)

CAS-Number

Property

Search for
 pure
 mixture of 2
 as entered

Filter
Reset
Collections ...

Hits (Selected/Total): 680506/680506 Autosize Display F1 = Help

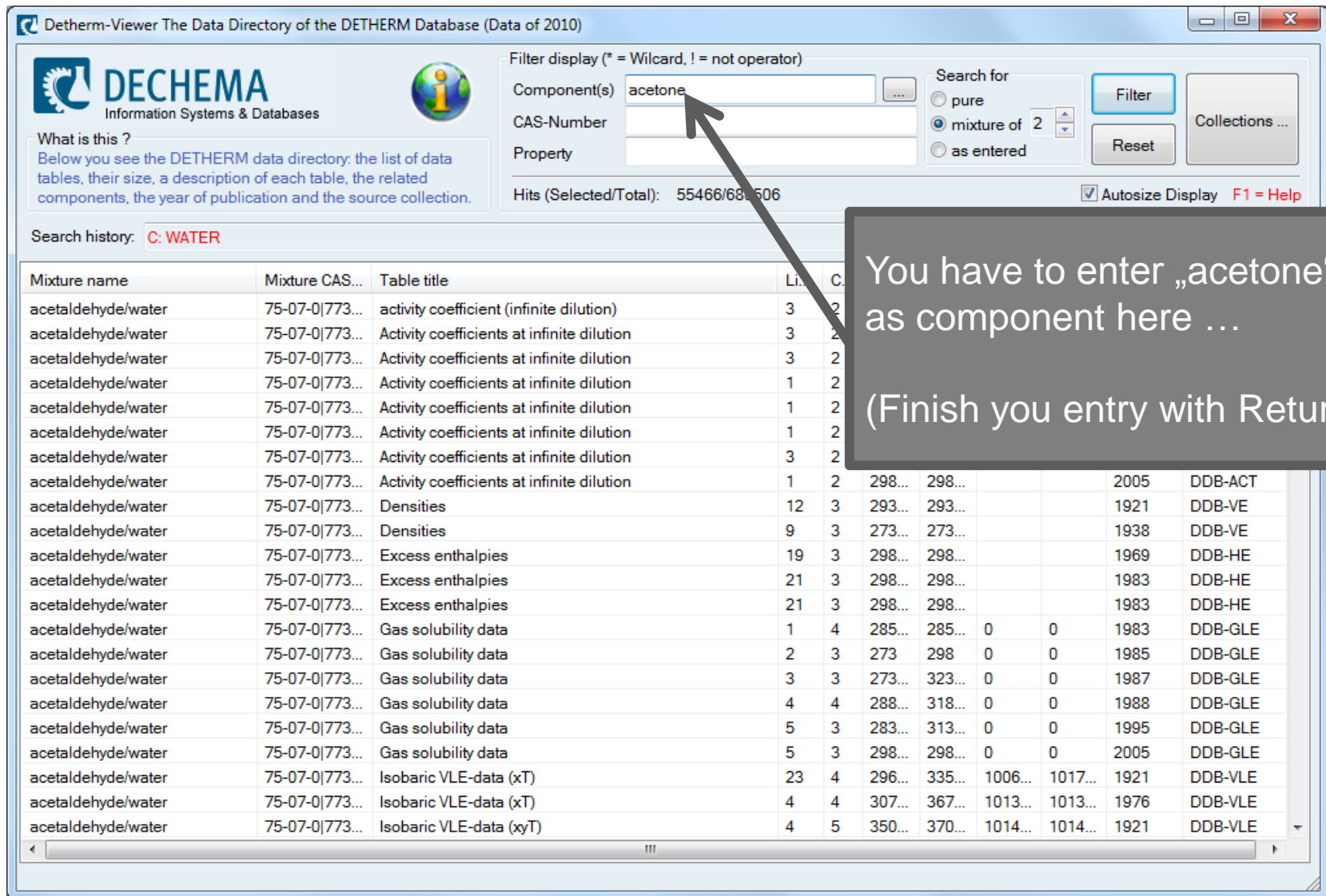
Search history:

Mixture name	Mixture CAS...	Table title	L...	C...																
abietic acid copper(2+) salt/ac...	25986-23-6]	solid-liquid equilibrium, solubility	0	2																
abietic acid copper(2+) salt/ac...	25986-23-6]	solid-liquid equilibrium, solubility	0	2																
abietic acid copper(2+) salt/be...	25986-23-6]	solid-liquid equilibrium, solubility	0	2																
abietic acid copper(2+) salt/be...	25986-23-6]	solid-liquid equilibrium, solubility	0	2																
abietic acid copper(2+) salt/ca...	25986-23-6]	solid-liquid equilibrium, solubility	0	2																
abietic acid copper(2+) salt/et...	25986-23-6]	solid-liquid equilibrium, solubility	0	2																
abietic acid copper(2+) salt/for...	25986-23-6]	solid-liquid equilibrium, solubility	0	2																
abietic acid copper(2+) salt/nit...	25986-23-6]	solid-liquid equilibrium, solubility	0	2															1911	ELDAR
abietic acid copper(2+) salt/thi...	25986-23-6]	solid-liquid equilibrium, solubility	0	2															1911	ELDAR
abietic acid copper(2+) salt/2-...	25986-23-6]	solid-liquid equilibrium, solubility	0	2															1911	ELDAR
abietic acid ethyl ester	631-71-0	viscosity, dynamic	4	2	293...	353...													1981	DECHEMA
absorption oil	D256600019	density	9	3	323...	323...	9910...	4913...	1992	INFOTHERM										
absorption oil	D256600019	density	2	3	323...	503...	1000...	5000...	1992	INFOTHERM										
absorption oil	D256600019	density	41	3	373...	503...	9910...	4913...	1992	INFOTHERM										
absorption oil	D256600019	density	4	3	373...	473...	1080...	1080...	1992	INFOTHERM										
acenaphthylene	208-96-8	acentric factor	1	1															1985	DECHEMA
acenaphthylene	208-96-8	Antoine-constants log(p/Torr) = A - B/((T/deg C)+C)	1	4	362...	543...													1983-...	DDB-PURE
acenaphthylene	208-96-8	critical compressibility factor	1	1															1982	DECHEMA
acenaphthylene	208-96-8	critical temperature, critical density	1	2															1985	DECHEMA
acenaphthylene	208-96-8	critical temperature, critical pressure, critical density, c...	1	4															1982	DECHEMA
acenaphthylene	208-96-8	critical temperature, critical pressure, critical volume, ...	1	4	796...	796...	3222...	3222...	1983-...	DDB-PURE										
acenaphthylene	208-96-8	density	1	2	298...	298...													1983-...	DDB-PURE

You have to enter „water“ as component here ...
(Finish you entry with Return)



To see all data for the mixture water / acetone ... (4)



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Filter display (* = Wildcard, != not operator)

Component(s)

CAS-Number

Property

Search for:
 pure
 mixture of 2
 as entered

Filter
Reset
Collections ...

Hits (Selected/Total): 55466/688506

Autosize Display F1 = Help

Search history: C: WATER

Mixture name	Mixture CAS...	Table title	L...	C...						
acetaldehyde/water	75-07-0 773...	activity coefficient (infinite dilution)	3	2						
acetaldehyde/water	75-07-0 773...	Activity coefficients at infinite dilution	3	2						
acetaldehyde/water	75-07-0 773...	Activity coefficients at infinite dilution	3	2						
acetaldehyde/water	75-07-0 773...	Activity coefficients at infinite dilution	1	2						
acetaldehyde/water	75-07-0 773...	Activity coefficients at infinite dilution	1	2						
acetaldehyde/water	75-07-0 773...	Activity coefficients at infinite dilution	1	2						
acetaldehyde/water	75-07-0 773...	Activity coefficients at infinite dilution	3	2						
acetaldehyde/water	75-07-0 773...	Activity coefficients at infinite dilution	1	2	298...	298...			2005	DDB-ACT
acetaldehyde/water	75-07-0 773...	Densities	12	3	293...	293...			1921	DDB-VE
acetaldehyde/water	75-07-0 773...	Densities	9	3	273...	273...			1938	DDB-VE
acetaldehyde/water	75-07-0 773...	Excess enthalpies	19	3	298...	298...			1969	DDB-HE
acetaldehyde/water	75-07-0 773...	Excess enthalpies	21	3	298...	298...			1983	DDB-HE
acetaldehyde/water	75-07-0 773...	Excess enthalpies	21	3	298...	298...			1983	DDB-HE
acetaldehyde/water	75-07-0 773...	Gas solubility data	1	4	285...	285...	0	0	1983	DDB-GLE
acetaldehyde/water	75-07-0 773...	Gas solubility data	2	3	273	298	0	0	1985	DDB-GLE
acetaldehyde/water	75-07-0 773...	Gas solubility data	3	3	273...	323...	0	0	1987	DDB-GLE
acetaldehyde/water	75-07-0 773...	Gas solubility data	4	4	288...	318...	0	0	1988	DDB-GLE
acetaldehyde/water	75-07-0 773...	Gas solubility data	5	3	283...	313...	0	0	1995	DDB-GLE
acetaldehyde/water	75-07-0 773...	Gas solubility data	5	3	298...	298...	0	0	2005	DDB-GLE
acetaldehyde/water	75-07-0 773...	Isobaric VLE-data (xT)	23	4	296...	335...	1006...	1017...	1921	DDB-VLE
acetaldehyde/water	75-07-0 773...	Isobaric VLE-data (xT)	4	4	307...	367...	1013...	1013...	1976	DDB-VLE
acetaldehyde/water	75-07-0 773...	Isobaric VLE-data (xyT)	4	5	350...	370...	1014...	1014...	1921	DDB-VLE

You have to enter „acetone“
as component here ...
(Finish you entry with Return)

To see all data for the mixture water / acetone ... (4)

The screenshot shows the DETHERM-Viewer application window. The title bar reads "Detherm-Viewer The Data Directory of the DETHERM Database (Data of 2010)". The interface includes a search bar with "Component(s)", "CAS-Number", and "Property" fields. The "Search for" options are "pure", "mixture of 2", and "as entered", with "mixture of 2" selected. The "Filter" button is visible. The "Hits (Selected/Total)" is displayed as "352/680506". The "Search history" shows "C: WATER; C: ACETONE".

The main data table is as follows:

Mixture name	Mixture CAS...	Table title	Li...	C...	T >...	T <...	P >= ...	P <= ...	Year	Collection
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	3	2	298...	373...			1959	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	3	2	298...	373...			1959	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	2	2	313...	333...			1960	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	297...	297...			1969	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	333...	333...			1973	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	333...	333...			1973	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	298...	298...			1980	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	3	2	288...	318...			1983	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	303...	303...			1985	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	2	2	293...	298...			1985	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	303...	303...			1986	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	3	2	298...	308...			1986	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	298...	298...			1988	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	298...	298...			1988	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	298...	298...			1991	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	298...	298...			1991	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	298...	298...			1993	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	298...	298...			1995	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	298...	298...			1995	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	298...	298...			1996	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	298...	298...			1996	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	298...	298...			2004	DDB-ACT

Annotations:

- A grey box with white text: "352 tables containing data for the mixture water / acetone are displayed now". An arrow points from this box to the "Hits (Selected/Total)" field.
- A grey box with white text: "A double click on a column header will order the list by the column ...". An arrow points from this box to the "Collection" column header.

To see all data sets of the DDB-VLE package ... (1)

Detherm-Viewer The Data Directory of the DETHERM Database (Data of 2010)

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What is this ?
Below you see the DETHERM data directory: the list of data tables, their size, a description of each table, the related components, the year of publication and the source collection.

Filter display (* = Wildcard, ! = not operator)

Component(s) ...

CAS-Number

Property

Search for
 pure
 mixture of 2
 as entered

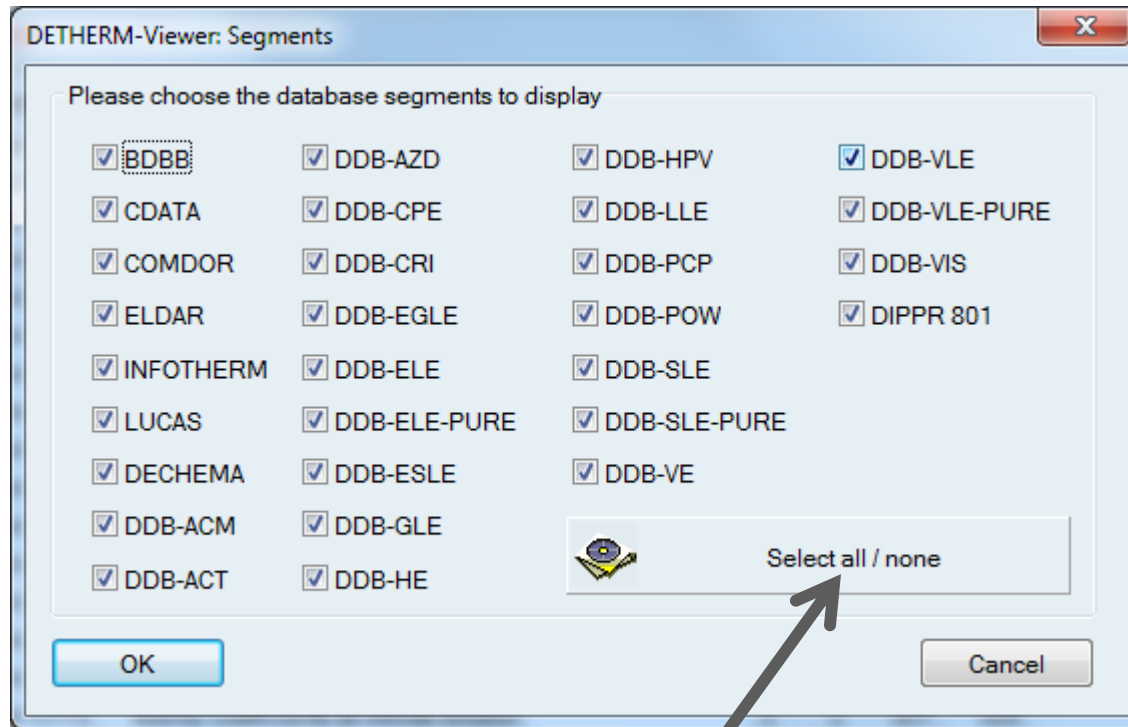
Hits (Selected/Total): 352/680506 Autosize Display **F1 = Help**

Search history: C: WATER; C: ACETONE

Mixture name	Mixture CAS...	Table title	Li...	C...	T >...	T <...	P >= ...	P <= ...	Year	Collection
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	3	2	298...	373...			1959	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	3	2	298...	373...			1959	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	2	2	313...	333...			1960	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	297...	297...			1969	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	333...	333...			1973	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	333...	333...			1973	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution							1980	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution							1983	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution							1985	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution							1985	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution							1986	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution							1986	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution							1988	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	298...	298...			1988	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	298...	298...			1991	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	3	2	307...	328...			1991	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	298...	298...			1993	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	317...	317...			1995	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	298...	298...			1995	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	2	2	317...	333...			1996	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	1	2	298...	298...			1996	DDB-ACT
2-propanone/water	67-64-1 773...	Activity coefficients at infinite dilution	4	2	303...	333...			2004	DDB-ACT

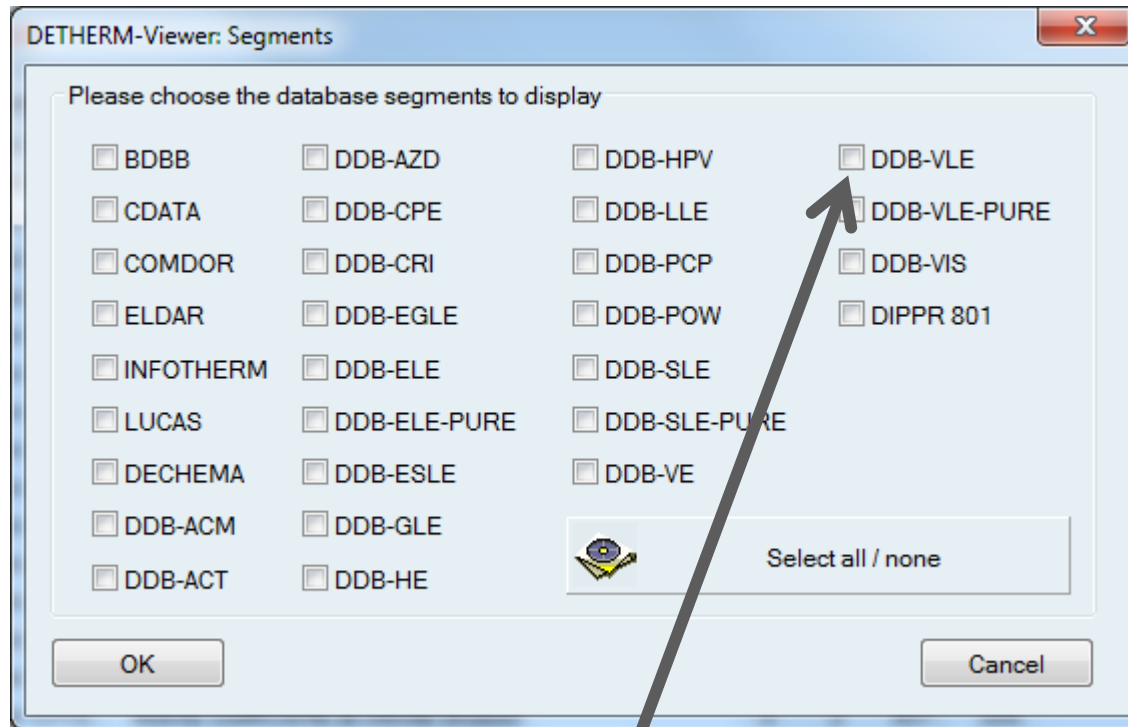
Click „Collections“ to choose the collections to display ...

To see all data sets of the DDB-VLE package ... (2)



Initially all collections are displayed. Select all/none to toggle the selection status of all collections together.

To see all data sets of the DDB-VLE package ... (3)



Now check the DDB-VLE collection and close the dialog with „OK“

To see all data sets of the DDB-VLE package ... (4)

The screenshot shows the Detherm-Viewer application window. The title bar reads "Detherm-Viewer The Data Directory of the DETHERM Database (Data of 2010)". The interface includes the DECHEMA logo, a search filter section, and a data table. The search filter is set to "mixture of 2" components. The table displays a list of data sets, with a text box overlaid on the table stating: "Now only the DDB-VLE data collection is displayed. All further operations will work only on the chosen collection(s)." An arrow points from the text box to the "Collection" column of the table.

Filter display (* = Wildcard, ! = not operator)

Component(s) Search for
CAS-Number pure
Property mixture of 2 as entered

Hits (Selected/Total): 16700/680506 Autosize Display F1 = Help

Search history:

Mixture name	Mixture CAS...	Table title	Li...	C...	T >...	T <...	P >= ...	P <= ...	Year	Collection
acenaphthylene/1-methylnap...	208-96-8 90...	Isothermal VLE-data (xyp)	11	5	463...	463...	1346...	2599...	1992	DDB-VLE
acetaldehyde/acetic acid met...	75-07-0 79...	Isobaric VLE-data (xT)	19	4	293,5	330...	1013...	1013...	1980	DDB-VLE
acetaldehyde/acetic acid met...	75-07-0 79...	Isobaric VLE-data (xyT)	10	5	298...	325...	1013...	1013...	1969	DDB-VLE
acetaldehyde/acetic acid met...	75-07-0 79...	Isothermal VLE-data (xyp)	16	5	323...	373...	7800...	9300...	1999	DDB-VLE
acetaldehyde/methyloxirane	75-07-0 75...	Isobaric VLE-data (xT)	14	4	293,4	307,4	1013...	1013...	1989	DDB-VLE
acetaldehyde/methyloxirane	75-07-0 75...	Isobaric VLE-data (xyT)	6	5	294...	305,4	1013...	1013...	1970	DDB-VLE
acetaldehyde/methyloxirane	75-07-0 75...	Isobaric VLE-data (xyT)	12	5	293...	308...	1013...	1013...	1976	DDB-VLE
acetaldehyde/methyloxirane	75-07-0 75...	Isobaric VLE-data (xyT)	21	5	294...	307...	1013...	1013...	1980	DDB-VLE
acetaldehyde/methyloxirane	75-07-0 75...	Isothermal VLE-data (xy)	6	4	293...	293...			1972	DDB-VLE
acetaldehyde/methyloxirane	75-07-0 75...	Isothermal VLE-data (xyp)	16	5	298...	348...	7169...	5360...	1991	DDB-VLE
acetaldehyde/oxirane	75-07-0 75...	Isobaric VLE-data (xyT)	17	5	283...	307...	1013...	2344...	1950	DDB-VLE
acetaldehyde/oxirane	75-07-0 ...						4400...	5225...	1994	DDB-VLE
acetaldehyde/water	75-07-0 ...						1006...	1017...	1921	DDB-VLE
acetaldehyde/water	75-07-0 ...						1012...	1013...	1976	DDB-VLE
acetaldehyde/water	75-07-0 ...						1014...	1014...	1921	DDB-VLE
acetaldehyde/water	75-07-0 ...						1013...	1013...	1933	DDB-VLE
acetaldehyde/water	75-07-0 ...						1013...	1013...	1960	DDB-VLE
acetaldehyde/water	75-07-0 ...						3039...	5066...	1968	DDB-VLE
acetaldehyde/water	75-07-0 ...						1013...	1013...	1979	DDB-VLE
acetaldehyde/water	75-07-0 ...						1014...	1014...	1921	DDB-VLE
acetaldehyde/water	75-07-0 773...	Isothermal VLE-data (xp)	26	4	273...	297...	5332...	1121...	1953	DDB-VLE
acetaldehyde/water	75-07-0 773...	Isothermal VLE-data (xp)	20	4	278...	313...	1626...	8592...	1959	DDB-VLE