

# 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)

What is this ? Below you see the DETHERM tables, their size, a description components, the year of public Search history:	Databases data directory: th of each table, the	e related	Filter display (* = Wilcard, ! = not opera Component(s) CAS-Number Property Hits (Selected/Total): 680506/60050				◉ pui © mi:	ch for re xture of 2 entered		Filter Reset Autosize D	Collections isplay F1 = Help	
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Mixture name	Mixture CAS			Li.								
abietic acid copper(2+) salt/ac			librium, solubility	0								
abietic acid copper(2+) salt/ac			librium, solubility	0	2							
abietic acid copper(2+) salt/be			librium, solubility	0	2							
abietic acid copper(2+) salt/be			librium, solubility	0	2	/ -:-	aiah			400	ith Dat	
abietic acid copper(2+) salt/ca	20980-23-0	solia-liquia equi	librium, solubility	U			IISI	i yoi	u en	uyw	vith Ret	
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		solid-liquid equi		0	2							
abietic acid copper(2+) salt/for	25986-23-6	solid-liquid equi	librium, solubility	0	2	`		2		1011		
abietic acid copper(2+) salt/for abietic acid copper(2+) salt/nit	25986-23-6  25986-23-6	solid-liquid equi solid-liquid equi	librium, solubility librium, solubility	0	2 2				-	1911	ELDAR	
abietic acid copper(2+) salt/for abietic acid copper(2+) salt/nit abietic acid copper(2+) salt/thi	25986-23-6  25986-23-6  25986-23-6	solid-liquid equi solid-liquid equi solid-liquid equi	librium, solubility librium, solubility librium, solubility	0 0 0	2 2 2					1911	ELDAR ELDAR	
abietic acid copper(2+) salt/for abietic acid copper(2+) salt/nit abietic acid copper(2+) salt/ti abietic acid copper(2+) salt/2	25986-23-6  25986-23-6  25986-23-6  25986-23-6	solid-liquid equi solid-liquid equi solid-liquid equi solid-liquid equi	librium, solubility librium, solubility librium, solubility librium, solubility	0 0 0 0 0	2 2 2 2					1911 1911	ELDAR ELDAR ELDAR	
abietic acid copper(2+) salt/for abietic acid copper(2+) salt/nit abietic acid copper(2+) salt/thi abietic acid copper(2+) salt/2 abietic acid ethyl ester	25986-23-6  25986-23-6  25986-23-6  25986-23-6  631-71-0	solid-liquid equi solid-liquid equi solid-liquid equi solid-liquid equi viscosity, dynam	librium, solubility librium, solubility librium, solubility librium, solubility	0 0 0 0 4	2 2 2 2 2	293	353		4013	1911 1911 1981	ELDAR ELDAR ELDAR DECHEMA	
abietic acid copper(2+) salt/et abietic acid copper(2+) salt/for abietic acid copper(2+) salt/nit abietic acid copper(2+) salt/thi abietic acid copper(2+) salt/2 abietic acid ethyl ester absorption oil	25986-23-6  25986-23-6  25986-23-6  25986-23-6  631-71-0 D256600019	solid-liquid equi solid-liquid equi solid-liquid equi solid-liquid equi viscosity, dynam density	librium, solubility librium, solubility librium, solubility librium, solubility	0 0 0 0 4 9	2 2 2 2 2 3	293 323	353 323	9910		1911 1911 1981 1992	ELDAR ELDAR ELDAR DECHEMA INFOTHERM	
abietic acid copper(2+) salt/for abietic acid copper(2+) salt/nit abietic acid copper(2+) salt/thi abietic acid copper(2+) salt/2 abietic acid ethyl ester absorption oil	25986-23-6  25986-23-6  25986-23-6  25986-23-6  631-71-0 D256600019 D256600019	solid-liquid equi solid-liquid equi solid-liquid equi solid-liquid equi viscosity, dynam density density	librium, solubility librium, solubility librium, solubility librium, solubility	0 0 0 0 4 9 2	2 2 2 2 3 3	293 323 323	353 323 503	9910 1000	5000	1911 1911 1981 1992 1992	ELDAR ELDAR ELDAR DECHEMA INFOTHERM INFOTHERM	
abietic acid copper(2+) salt/for abietic acid copper(2+) salt/nit abietic acid copper(2+) salt/ni abietic acid copper(2+) salt/2 abietic acid ethyl ester absorption oil absorption oil	25986-23-6  25986-23-6  25986-23-6  25986-23-6  631-71-0 D256600019	solid-liquid equi solid-liquid equi solid-liquid equi solid-liquid equi viscosity, dynam density density density	librium, solubility librium, solubility librium, solubility librium, solubility	0 0 0 0 4 9	2 2 2 2 2 3	293 323	353 323	9910 1000 9910	5000 4913	1911 1911 1981 1992	ELDAR ELDAR ELDAR DECHEMA INFOTHERM	
abietic acid copper(2+) salt/for abietic acid copper(2+) salt/nit abietic acid copper(2+) salt/ni abietic acid copper(2+) salt/2 abietic acid ethyl ester absorption oil absorption oil absorption oil	25986-23-6  25986-23-6  25986-23-6  25986-23-6  631-71-0 D256600019 D256600019 D256600019 D256600019	solid-liquid equi solid-liquid equi solid-liquid equi solid-liquid equi viscosity, dynam density density density density	librium, solubility librium, solubility librium, solubility librium, solubility	0 0 0 4 9 2 41	2 2 2 2 3 3 3 3 3 3 3	293 323 323 373	353 323 503 503	9910 1000	5000 4913	1911 1911 1981 1992 1992 1992	ELDAR ELDAR ELDAR DECHEMA INFOTHERM INFOTHERM INFOTHERM	
abietic acid copper(2+) salt/for abietic acid copper(2+) salt/nit abietic acid copper(2+) salt/nit abietic acid copper(2+) salt/2 abietic acid ethyl ester absorption oil absorption oil absorption oil absorption oil acenaphthylene	25986-23-6  25986-23-6  25986-23-6  25986-23-6  631-71-0 D256600019 D256600019 D256600019	solid-liquid equi solid-liquid equi solid-liquid equi solid-liquid equi viscosity, dynam density density density density acentric factor	librium, solubility librium, solubility librium, solubility librium, solubility ic	0 0 0 4 9 2 41 4	2 2 2 2 3 3 3 3	293 323 323 373	353 323 503 503	9910 1000 9910	5000 4913	1911 1911 1981 1992 1992 1992 1992 1992	ELDAR ELDAR ELDAR DECHEMA INFOTHERM INFOTHERM	
bietic acid copper(2+) salt/for bietic acid copper(2+) salt/nt bietic acid copper(2+) salt/hi bietic acid copper(2+) salt/2 bietic acid ethyl ester bisorption oil bisorption oil bisorption oil bisorption oil cenaphthylene cenaphthylene	25986-23-6  25986-23-6  25986-23-6  631-71-0 D256600019 D256600019 D256600019 D256600019 208-96-8	solid-liquid equi solid-liquid equi solid-liquid equi solid-liquid equi viscosity, dynam density density density density acentric factor Antoine-constar	librium, solubility librium, solubility librium, solubility librium, solubility ic ts log(p/Torr) = A - B/((T/deg C)+C)	0 0 0 4 9 2 41 4 1	2 2 2 2 3 3 3 3 3 1	293 323 323 373 373	353 323 503 473	9910 1000 9910	5000 4913	1911 1911 1981 1992 1992 1992 1992	ELDAR ELDAR ELDAR DECHEMA INFOTHERM INFOTHERM INFOTHERM DECHEMA	
bietic acid copper(2+) salt/for bietic acid copper(2+) salt/nt bietic acid copper(2+) salt/nt bietic acid copper(2+) salt/2 bietic acid ethyl ester bisorption oil bisorption oil bisorption oil cenaphthylene cenaphthylene	25986-23-6  25986-23-6  25986-23-6  631-71-0 D256600019 D256600019 D256600019 D256600019 208-96-8 208-96-8	solid-liquid equi solid-liquid equi solid-liquid equi solid-liquid equi viscosity, dynam density density density density acentric factor Antoine-constan critical compres	librium, solubility librium, solubility librium, solubility librium, solubility ic ts log(p/Torr) = A - B/((T/deg C)+C) sibility factor	0 0 0 4 9 2 41 4 1 1	2 2 2 2 3 3 3 3 3 1 4	293 323 323 373 373	353 323 503 473	9910 1000 9910	5000 4913	1911 1911 1981 1992 1992 1992 1992 1992	ELDAR ELDAR ELDAR DECHEMA INFOTHERM INFOTHERM INFOTHERM DECHEMA DDB-PURE	
abietic acid copper(2+) salt/for abietic acid copper(2+) salt/nt abietic acid copper(2+) salt/nt abietic acid copper(2+) salt/2 abietic acid ethyl ester absorption oil absorption oil absorption oil absorption oil acenaphthylene acenaphthylene acenaphthylene	25986-23-6  25986-23-6  25986-23-6  631-71-0 D256600019 D256600019 D256600019 D256600019 208-96-8 208-96-8 208-96-8	solid-liquid equi solid-liquid equi solid-liquid equi solid-liquid equi viscosity, dynam density density density density acentric factor Antoine-constan critical compres critical temperat	librium, solubility librium, solubility librium, solubility librium, solubility ic ts log(p/Torr) = A - B/((T/deg C)+C)	0 0 0 4 9 2 41 4 1 1 1	2 2 2 3 3 3 3 3 1 4 1	293 323 323 373 373	353 323 503 473	9910 1000 9910	5000 4913	1911 1911 1981 1992 1992 1992 1992 1992	ELDAR ELDAR ELDAR DECHEMA INFOTHERM INFOTHERM INFOTHERM DECHEMA DDB-PURE DECHEMA	
abietic acid copper(2+) salt/for abietic acid copper(2+) salt/nit abietic acid copper(2+) salt/thi abietic acid copper(2+) salt/2 abietic acid ethyl ester absorption oil	25986-23-6  25986-23-6  25986-23-6  25986-23-6  631-71-0 D256600019 D256600019 D256600019 D256600019 208-96-8 208-96-8 208-96-8 208-96-8	solid-liquid equi solid-liquid equi solid-liquid equi solid-liquid equi viscosity, dynam density density density density acentric factor Antoine-constan critical compres critical temperat	librium, solubility librium, solubility librium, solubility librium, solubility ic its log(p/Torr) = A - B/((T/deg C)+C) sibility factor ure, critical density	0 0 0 4 9 2 41 4 1 1 1	2 2 2 3 3 3 3 1 4 1 2	293 323 323 373 373	353 323 503 473	9910 1000 9910 1080	5000 4913 1080	1911 1911 1981 1992 1992 1992 1992 1985 1983 1982 1985	ELDAR ELDAR ELDAR DECHEMA INFOTHERM INFOTHERM INFOTHERM DECHEMA DECHEMA DECHEMA	



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

🔃 Detherm-Viewer The Data D	irectory of the DET	HERM Database	(Data of 2010)								
		-	Filter display (* = Wilcard, ! = not opera	ator)							
What is this ?	A & Databases		Component(s) CAS-Number					e dure of 2	2	Filter Reset	Collections
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tables, their size, a descriptio			Hits (Selected/Total): 2880/680506							Autosize D	isplay F1 = Help
components, the year of publ	incation and the sol	urce collection.								A0103120 D	ispidy i'i ficip
Search history: C: WATER			1								
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			atur , critical pressure	1	3					1985	COMDOR
	1 -		atv.e, critical pressure, c	1	4	647	647	2209	2209	1986	COMDOR
🐱 2880 table	es conta	ining a	ata = A - B/((T/deg C)+C)	2	4	274	647			1983	DDB-PURE
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💭 for the pur	e comp	onentv	valer	1	1					1966	COMDOR
🚆 are display	ind now	1		1	1					1966	DECHEMA
are uspias	yeu now	/		1	3	273	273			1966	DECHEMA
wa				1	1					1972	COMDOR
water	7732-16-3	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
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water	7732-18-5	boiling point	The data collection	n						1979	ELDAR
water	7732-18-5	boiling point	The data collection							1980	COMDOR
water	7732-18-5	boiling point	containing the da	ata	96	st ic				1981	COMDOR
water	7732-18-5	boiling point		na	30	л IS				1982	COMDOR -
•			displayed in this	$\overline{\mathbf{co}}$	lun	nn_					4
				00							



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

	EMA rstems & Databases		Filter display (* = Wilcard, ! = not ope Component(s) CAS-Number	rator)			o pui	ch for re kture of 2 🚔	Filter	Collections
What is this ? Below you see the DF	THERM data directory: th	e list of data	Property				🔘 as	entered	Reset	
· · · · · · · · · · · · · · · · · · ·	scription of each table, the									
components, the year	of publication and the sou	urce collection.	Hits (Selected/Total): 2880/68050	6				<b>v</b>	Au os ze D	isplay F1 = He
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Mixture name	Mixture CAS	Table title		Li	C	T>	T <	P>= P<=	Year	Collection
vater	7732-18-5	acentric factor		1	1				1979	DECHEMA
vater	7732-18-5	acentric factor		1	2	453,1	453,1		1990	INFOTHERM
vater	7732-18-5	acentric factor		-			_		1993	CDATA
vater	7732-18-5	acentric factor,							1985	COMDOR
ater	7732-18-5	acentric factor,	Click at first the	50	+	hu	ttop	2209	1986	COMDOR
ater	7732-18-5	Antoine-consta	Click at first the	res	sei	bu	ιιοη		1983	DDB-PURE
ater	7732-18-5	boiling point	to reset your se	orc	h				1937	ELDAR
ater	7732-18-5	boiling point	io reser your se	alc	7 I I				1966	COMDOR
ater	7732-18-5	boiling point							1966	DECHEMA
ater	7732-18-5	boiling point			5	275	275		1966	DECHEMA
ater	7732-18-5	boiling point		1	1				1972	COMDOR
ater	7732-18-5	boiling point		1	1				1975	COMDOR
ater	7732-18-5	boiling point		1	1				1979	COMDOR
ater	7732-18-5	boiling point		1	1				1979	COMDOR
ater	7732-18-5	boiling point		1	1				1979	COMDOR
ater	7732-18-5	boiling point		1	1				1979	COMDOR
ater	7732-18-5	boiling point		1	1				1979	COMDOR
ater	7732-18-5	boiling point		1	1				1979	COMDOR
ater	7732-18-5	boiling point		1	1				1979	ELDAR
ater	7732-18-5	boiling point		1	1				1980	COMDOR
ater	7732-18-5	boiling point		1	1				1981	COMDOR
vater	7732-18-5	boiling point		1	1				1982	COMDOR



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

<b>DECHEMA</b> Information Systems & Databases What is this ? Below you see the DETHERM data directory; the list	Filter display (* = Wilcard, ! = not Component(s) CAS-Number Property	t operator)					2 🔹	Filter Reset	Collections
tables, their size, a description of each table, the rela components, the year of publication and the source of		/680506					<b>V</b>	Autosize D	isplay F1 = He
Gearch history:									
Nixture name Mixture CAS Tab	le title	Li	C	T:	T <	P >=	P <=	Year	Collection
bietic acid copper(2+) salt/ac 25986-23-6  soli	d-liquid equilibrium, solubility	0	2					1911	ELDAR
pietic acid copper(2+) salt/ac 25986-23-6  soli	d-liquid equilibrium, solubility	0	2					1911	ELDAR
ietic acid copper(2+) salt/be 25986-23-6  soli	d-liquid equilibrium, solubility	0	2					1911	ELDAR
ietic acid copper(2+) salt/be 25986-23-6  soli	d-liquid equilibrium, solubility	0	2					1911	ELDAR
ietic acid coppe			2					1911	ELDAR
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ietic acid coppe Click the radio	o button "Search for	•						1911	ELDAR
ietic acid conne			2					1911	ELDAR
ietic acid coppe MIXTURE OT" to	enable searching for	Dr I	2					1911	ELDAR
ietic acid conne	U		2					1911	ELDAR
ietic acid ethyle MIXTURES WITN	2 components.		2	293	353			1981	DECHEMA
sorption oil			3	323	323	9910	4913	1992	INFOTHERM
sorption oil			3	323	503	1000	5000	1992	INFOTHERM
sorption oil (To alter the n	number of compone	nte	3	373	503	9910	4913	1992	INFOTHERM
	iumber of compone		3	373	473	1080	1080	1992	INFOTHERM
enaphthylene to search for	use the arrow keys		1					1985	DECHEMA
enaphthylene	use the arrow keys		4	362	543			1983	DDB-PURE
enaphthylene			1					1982	DECHEMA
	cal temperature, critical density	1	2					1985	DECHEMA
								1982	DECHEMA
enaphthylene 208-96-8 criti	cal temperature, critical pressure, critical densi	ty, c 1	4						
enaphthylene 208-96-8 criti enaphthylene 208-96-8 criti	cal temperature, critical pressure, critical densi cal temperature, critical pressure, critical volum		4	796	796	3222	3222	1983	DDB-PURE



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

DECHEMA Information Systems & I What is this ? Below you see the DETHERM tables, their size, a description components, the year of public	Databases data directory: the of each table, the	related	Filter display (* = Wilcard, ! = not oper Component(s) water CAS-Number Property Hits (Selected/Total): 680506/6.05							Filter Reset Autosize D	Collections
Search history:					-						
Mixture name	Mixture CAS	Table title		Li	C.	You	u ha	ave	to ei	nter ,	"water"
abietic acid copper(2+) salt/ac abietic acid copper(2+) salt/ac			librium, solubility librium, solubility	0	2	cor	npc	oner	nt he	ere	
abietic acid copper(2+) salt/ac			librium, solubility	0	2						
bietic acid copper(2+) salt/be			librium, solubility	0	2						
bietic acid copper(2+) salt/ca			librium, solubility	0	2	(Ei)	nich		I ON	tr\/ \A	vith Ret
bietic acid copper(2+) salt/et			librium, solubility	0	2		1131	i yuu		LIY V	
bietic acid copper(2+) salt/for			librium, solubility	0	2						
bietic acid copper(2+) salt/nit			librium, solubility	0	2					1911	ELDAR
bietic acid copper(2+) salt/thi	25986-23-6	solid-liquid equi	librium, solubility	0	2					1911	ELDAR
bietic acid copper(2+) salt/2	25986-23-6	solid-liquid equi	librium, solubility	0	2					1911	ELDAR
bietic acid ethyl ester	631-71-0	viscosity, dynam	ic	4	2	293	353			1981	DECHEMA
bsorption 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-constan	ts log(p/Torr) = A - B/((T/deg C)+C)	1	4	362	543			1983	DDB-PURE
	208-96-8	critical compres	sibility factor	1	1					1982	DECHEMA
cenaphthylene	208-96-8	critical temperat	ure, critical density	1	2					1985	DECHEMA
		and the second	and a state of a second s	1	4					1982	DECHEMA
cenaphthylene	208-96-8	critical temperat	ure, critical pressure, critical density, c								
icenaphthylene icenaphthylene icenaphthylene icenaphthylene	208-96-8 208-96-8		ure, critical pressure, critical density, c ure, critical pressure, critical volume,	1	4	796	796	3222	3222	1983	DDB-PURE



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

What is this ? Below you see the DETH	ems & Databases ERM data directory: th		Filter display (* = Wilcard, ! = Component(s) acetone CAS-Number Property	not operator)					2 🔹	Filter Reset	Collections	
tables, their size, a descr components, the year of			Hits (Selected/Total): 554	66/68, 506					<b>V</b>	Autosize [	Display F1 = H	elp
Search history: C: WATE	٦											
Mixture name	Mixture CAS	Table title		Li	C.	Yo	u ha	ave	to ei	nter	"aceto	ne
acetaldehyde/water	75-07-0 773		nt (infinite dilution)	3	2							
acetaldehyde/water	75-07-0 773		nts at infinite dilution	3		as	con	npol	nent	ner	e	
acetaldehyde/water	75-07-0 773		nts at infinite dilution	3	2							
acetaldehyde/water	75-07-0 773		nts at infinite dilution	1	2							
cetaldehyde/water	75-07-0 773		nts at infinite dilution	1	2	(Fi	nich		I AN	trv v	with Re	sti
cetaldehyde/water	75-07-0 773		nts at infinite dilution	1	2		1131	i yOt		u y v		
cetaldehyde/water	75-07-0 773	Activity coefficier	nts at infinite dilution	3	2							
cetaldehyde/water	75-07-0 773	Activity coefficien	nts at infinite dilution	1	2	298	298			2005	DDB-ACT	
cetaldehyde/water	75-07-0 773	Densities		12	3	293	293			1921	DDB-VE	
cetaldehyde/water	75-07-0 773	Densities		9	3	273	273			1938	DDB-VE	
cetaldehyde/water	75-07-0 773	Excess enthalpi	es	19	3	298	298			1969	DDB-HE	
	75-07-0 773	Excess enthalpi	es	21	3	298	298			1983	DDB-HE	
acetaldehyde/water	75-07-0 773	Excess enthalpi	es	21	3	298	298			1983	DDB-HE	
		Gas solubility dz	12	1	4	285	285	0	0	1983	DDB-GLE	
acetaldehyde/water	75-07-0 773	add dorability at	solubility data			273	298	0	0	1985	DDB-GLE	
acetaldehyde/water acetaldehyde/water		Gas solubility da		2	3	2/5				1987	DDB-GLE	
acetaldehyde/water acetaldehyde/water acetaldehyde/water	75-07-0 773		ata	2 3	3	273	323	0	0	1987	DDB-GLE	
acetaldehyde/water acetaldehyde/water acetaldehyde/water acetaldehyde/water	75-07-0 773 75-07-0 773	Gas solubility da	ata ata				323 318	-	0	1987	DDB-GLE	
acetaldehyde/water acetaldehyde/water acetaldehyde/water acetaldehyde/water acetaldehyde/water acetaldehyde/water	75-07-0 773 75-07-0 773 75-07-0 773	Gas solubility da Gas solubility da Gas solubility da	ata ata	3	3	273		0	-			
cetaldehyde/water cetaldehyde/water cetaldehyde/water cetaldehyde/water cetaldehyde/water cetaldehyde/water	75-07-0 773 75-07-0 773 75-07-0 773 75-07-0 773	Gas solubility da Gas solubility da Gas solubility da Gas solubility da	ata ata ata	3 4	3 4	273 288	318	0	0	1988	DDB-GLE	-
acetaldehyde/water acetaldehyde/water acetaldehyde/water acetaldehyde/water acetaldehyde/water acetaldehyde/water acetaldehyde/water acetaldehyde/water acetaldehyde/water	75-07-0 773 75-07-0 773 75-07-0 773 75-07-0 773 75-07-0 773	Gas solubility da Gas solubility da Gas solubility da Gas solubility da Gas solubility da	ata ata ata ata	3 4 5	3 4 3	273 288 283	318 313	0	0	1988 1995	DDB-GLE DDB-GLE	
acetaldehyde/water acetaldehyde/water acetaldehyde/water acetaldehyde/water acetaldehyde/water acetaldehyde/water acetaldehyde/water	75-07-0 773 75-07-0 773 75-07-0 773 75-07-0 773 75-07-0 773 75-07-0 773	Gas solubility da Gas solubility da Gas solubility da Gas solubility da Gas solubility da	ata ata ata ata ata ta (xT)	3 4 5 5	3 4 3 3	273 288 283 298	318 313 298	0 0 0 0	0 0 0 0	1988 1995 2005	DDB-GLE DDB-GLE DDB-GLE	



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

What is this ? Below you see the DETH tables, their size, a descri	ms & Databases ERM data directory: th		Filter display (* = Wilcard, ! = Component(s) CAS-Number Property	not operator)			⊘ pu ⊚ mi	ch for re xture of entered	2	Filter Reset	Collection	IS
components, the year of p	•		Hits (Selected/Total): 352/	680506					<b>V</b>	Autosize D	isplay F1 =	Hel
Search history: C: WATEF	R; C: ACETONE		7									
Mixture name	Mixture CAS	Table title		Li	<b>C</b>	T >	T <	P >=	P <=	Year	Collection	
2-propanone/water	67-64-1 773	Activity coefficie	ents at infinite dilution	3	2	298	373			1959	DT ACT	
2-propanone/water	67-64-1 773	Activity coefficie	ents at infinite dilution	3	2	298	373			1959	D E ACT	
2-propanone/water	67-64-1 773	Activity coefficie	ents at infinite dilution	2	2	313	333			1960	DB-ACT	
2-1			iluti n	1	2	297	297			1969	DDB-ACT	
			ilu on	1	2	333	333			1973	DDB-ACT	
352 table	es contair	ning da <sup>.</sup>	ta j <sub>ition</sub>	1	2	333	333			1973	DDB-ACT	
		0	ution	1	2	298	298			197 J	DDB-ACT	
for the m	ixture wa	iter /	ilution	3	2	288	318			1 83	DDB-ACT	
	ara diank		ilution	1	2	303	303			985	DDB-ACT	
acetone	are displa	ayed no	OVV ilution	2	2	293	298			1985	DDB-ACT	
2 <mark>-1</mark>			ilution	1	2	303	303			1986	DDB-ACT	
2-propanone/water	07-04-1 773	Activity coefficie	ents actimizate dilution	3	2	298	308			1986	DDB-ACT	
2-propanone/water	67-64-1 773	Activity coefficie	ents at infinite dilution	1	2	298	298			1988	DDB-ACT	
2-propanone/water	67-64-1 773	Activity coefficie	ents at infinite dilution	1	2	298	298			1988	DDB-ACT	
2-propanone/water	67-64-1 773	Activity coofficie	nte at infinite dilution	1	2	200	200			1991	DDB-ACT	
2-propanone/water	67-64-1 773	Activity co								1991	DDB-ACT	
2-propanone/water	67-64-1 773	Activity co	double aliele	<u></u>						1993	DDB-ACT	
2-propanone/water	67-64-1 773	Activity co	double click	on a c						1995	DDB-ACT	
2-propanone/water	67-64-1 773	Activity co	eader will ord	lor tha	lie	th	,			1995	DDB-ACT	
2-propanone/water	67-64-1 773	Activity co			115	τυγ				1996	DDB-ACT	
z-propanone/water	07.04.41770	Activity co + l	ne column							1996	DDB-ACT	
2-propanone/water	67-64-1 773	Activity CO	18 COUIMN									



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

		-	Filter display (* = Wilcard, ! =	not operator)									
<b>DECHE</b>	MΔ		Component(s)				Sear			Tille -			
Information Syste							🔘 pu		Filter				
What is this ?		-	CAS-Number					cture of 2	2 🚊	Devet	Collection	s	
Below you see the DETH	· · · · · · · · · · · · · · · · · · ·		Property				🔘 as	entered		Reset			
tables, their size, a descri			Hits (Selected/Total): 352/	390506						Autosize I	Displa F1 =	ц,	
components, the year of p	oublication and the so	urce collection.	This (Selected/Total). 552/	00000						Autosize i	Display 41-	The second	
Search history: C: WATEF	R; C: ACETONE												
Mixture name	Mixture CAS	Table title		Li	C	T>	T <	P >=	P <=	Year	Collection	_	
2-propanone/water	67-64-1 773	Activity coefficie	nts at infinite dilution	3	2	298	373			197 .3	DDB-ACT		
2-propanone/water	67-64-1 773	Activity coefficie	nts at infinite dilution	3	2	298	373			1,59	DDB-ACT		
2-propanone/water	67-64-1 773	Activity coefficie	nts at infinite dilution	2	2	313	333			1960	DDB-ACT		
2-propanone/water	67-64-1 773	Activity coefficie	nts at infinite dilution	1	2	297	297			1969	DDB-ACT		
-propanone/water	67-64-1 773	Activity coefficie	nts at infinite dilution	1	2	333	333			1973	DDB-ACT		
-propanone/water	67-64-1 773	Activity coefficie	nts at infinite dilution	1	2	333	333			1973	DDB-ACT		
-propanone/water	67-64-1 773	Activity coef				-				1980	DDB-ACT		
-propanone/water	67-64-1 773	Activity coef								1983	DDB-ACT		
-propanone/water	67-64-1 773	Activity coef	Click "Collecti	one" ta		hoo	00			1985	DDB-ACT		
-propanone/water	67-64-1 773	Activity coef					30			1985	DDB-ACT		
-propanone/water	67-64-1 773	Activity coef	he collections	s to dis	nl	av				1986	DDB-ACT		
2-propanone/water	67-64-1 773	Activity coef			P <sup>I</sup>	ay.				1986	DDB-ACT		
2-propanone/water	67-64-1 773	Activity coef								1988	DDB-ACT		
2-propanone/water	67-64-1 773	Activity coefficie	nts at infinite dilution		2	298	298			1988	DDB-ACT		
2-propanone/water	67-64-1 773	Activity coefficie	nts at infinite dilution	1	2	298	298			1991	DDB-ACT		
-propanone/water	67-64-1 773	Activity coefficie	nts at infinite dilution	3	2	307	328			1991	DDB-ACT		
2-propanone/water	67-64-1 773	Activity coefficie	nts at infinite dilution	1	2	298	298			1993	DDB-ACT		
2-propanone/water	67-64-1 773	Activity coefficie	nts at infinite dilution	1	2	317	317			1995	DDB-ACT		
-propanone/water	67-64-1 773	Activity coefficie	nts at infinite dilution	1	2	298	298			1995	DDB-ACT		
-propanone/water	67-64-1 773	Activity coefficie	nts at infinite dilution	2	2	317	333			1996	DDB-ACT		
2-propanone/water	67-64-1 773	Activity coefficie	nts at infinite dilution	1	2	298	298			1996	DDB-ACT		
2-propanone/water	67-64-1 773	Activity coefficie	nts at infinite dilution	4	2	303	333			2004	DDB-ACT		



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

	DET	HERM-Viewer: Segm	ents		x
		Please choose the d	atabase segments to dis	play	
		BDBB	DDB-AZD	DDB-HPV	DDB-VLE
		CDATA	DDB-CPE	DDB-LLE	DDB-VLE-PURE
		COMDOR	DDB-CRI	DDB-PCP	DDB-VIS
		ELDAR	DDB-EGLE	DDB-POW	DIPPR 801
		INFOTHERM	DDB-ELE	DDB-SLE	
		LUCAS	DDB-ELE-PURE	DDB-SLE-PURE	E
		DECHEMA	DDB-ESLE	DDB-VE	
		DDB-ACM	DDB-GLE		elect all / none
		DDB-ACT	DDB-HE	S	
		ОК			Cancel
	-				
Initially a	ll c	ollections	are		
displayed	d. S	Select all/n	one to		
		election st			
collection					



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

ſ	DETHERM-Viewer: Segme	ents		×
	Please choose the d	atabase segments to di	splay	
	BDBB	DDB-AZD	DDB-HPV	DDB-VLE
	CDATA	DDB-CPE	DDB-LLE	DDB-VLE-PURE
	COMDOR	DDB-CRI	DDB-PCP	DDB-VIS
	ELDAR	DDB-EGLE	DDB-POW	DIPPR 801
	INFOTHERM	DDB-ELE	DDB-SLE	
	LUCAS	DDB-ELE-PURE	DDB-SLE-PU RE	
	DECHEMA	DDB-ESLE	DDB-VE	
	DDB-ACM	DDB-GLE		alastell (see
	DDB-ACT	DDB-HE	🤗 s	elect all / none
	ОК			Cancel
	ck the DDB-\ and close th		Y	



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

🖸 Detherm-Viewer The Data Dire	ectory of the DET	HERM Database (I	Data of 2010)									X
		0	Filter display (* = Wilcard, ! •	not operator)								
<b>C</b> DECHEM	Δ		Component(s)				Searc			Filter		
Information Systems & I	•						🔘 pu			Filter		
What is this ?		-	CAS-Number				-	ture of 2	2 🚊 🗂	D	Collection	s
Below you see the DETHERM	data directory: the	e list of data	Property				🔘 as	entered		Reset		
tables, their size, a description			Hits (Selected/Total): 167	00/680506						Autopizal	Display F1 =	Hale
components, the year of public	ation and the sou	irce collection.	Hits (Selected/Total). 107	00/080500					× 1	Autosize i	Display FT-	пер
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-da	ta (xT)	19	4	293,5	330	1013	1013	1980	DDB-VLE	
acetaldehyde/acetic acid met	75-07-0 79	Isobaric VLE-da	ta (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-da	ta (xT)	14	4	293,4	307,4	1013	1013	1989	DDB-VLE	
acetaldehyde/methyloxirane	75-07-0 75	Isobaric VLE-da	ta (xyT)	6	5	294	305,4	1013	1013	1970	DDB-VLE	
acetaldehyde/methyloxirane	75-07-0 75	Isobaric VLE-da	ta (xyT)	12	5	293	308	1013	1013	1976	DDB-VLE	
acetaldehyde/methyloxirane	75-07-0 75	Isobaric VLE-da	ta (xyT)	21	5	294	307	1013	1013	1986	DDB-VLE	
acetaldehyde/methyloxirane	75-07-0 75	Isothermal VLE-	-data (xy)	6	4	293	293			197	DDB-VLE	
acetaldehyde/methyloxirane	75-07-0 75	Isothermal VLE-	-data (xyp)	16	5	298	348	7169	5360	J91	DDB-VLE	
acetaldehyde/oxirane	75-07-0 75	Isobaric VLE-da	ta (xyT)	17	5	283	307	1013	2344	1950	DDB-VLE	
acetaldehyde/oxirane	75-07-0							4400	57 _5	1994	DDB-VLE	
acetaldehyde/water	75-07-0	ow only	y the DDB-VI	F data	а			1006	1017	1921	DDB-VLE	
acetaldehyde/water	/5-07-0							1017	1013	1976	DDB-VLE	
acetaldehyde/water	75-07-0 C	ollection	n is displayed	d. All fu	ırth	ner		2 .14	1014	1921	DDB-VLE	
acetaldehyde/water	75-07-0							1013	1013	1933	DDB-VLE	
acetaldehyde/water	75-07-0	peratior	ns will work c	only on	th	е		1013	1013	1960	DDB-VLE	
acetaldehyde/water	75-07-00							3039	5066	1968	DDB-VLE	
acetaldehyde/water	75-07-0 C	nosen c	collection(s).					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	-
•			III									F

