2-Hexanol

Other names:	2-Hexyl alcohol
	2-hydroxyhexane
	Hexan-2-ol
	Hexanol-(2)
	butylmethylcarbinol
	methyl butyl carbinol
	n-Butylmethylcarbinol
	n-C4H9CH(OH)CH3
	n-Hexan-2-ol
	sec-Hexyl alcohol
Inchi:	InChI=1S/C6H14O/c1-3-4-5-6(2)7/h6-7H,3-5H2,1-2H3
InchiKey:	QNVRIHYSUZMSGM-UHFFFAOYSA-N
Formula:	C6H14O
SMILES:	CCCCC(C)O
Mol. weight [g/mol]:	102.17
CAS:	626-93-7

Physical Properties

Property code	Value	Unit	Source
dvisc	0.0042040	Pa×s	Speeds of sound, isentropic compressibilities, viscosities and excess molar volumes of binary mixtures of methylcyclohexane + 2-alkanols or ethanol at T = 298.15 K
gf	-139.62	kJ/mol	Joback Method
hf	-333.50 ± 2.20	kJ/mol	NIST Webbook
hf	-329.90 ± 2.10	kJ/mol	NIST Webbook
hf	-335.60 ± 2.20	kJ/mol	NIST Webbook
hfl	-388.40 ± 0.75	kJ/mol	NIST Webbook
hfl	-394.10 ± 0.88	kJ/mol	NIST Webbook
hfl	-392.00 ± 0.88	kJ/mol	NIST Webbook
hfus	11.86	kJ/mol	Joback Method
hvap	58.47	kJ/mol	NIST Webbook
hvap	58.30 ± 0.30	kJ/mol	NIST Webbook
hvap	57.00 ± 0.20	kJ/mol	NIST Webbook

ie	9.80 ± 0.03	eV	NIST Webbook
ie	10.24	eV	NIST Webbook
log10ws	-0.89		Estimated Solubility Method
log10ws	-0.89		Aqueous Solubility Prediction Method
logp	1.557		Crippen Method
mcvol	101.270	ml/mol	McGowan Method
nfpaf	%!d(float64=2)		KDB
pc	3310.00	kPa	KDB
pc	3310.00 ± 20.00	kPa	NIST Webbook
pc	3310.00 ± 20.00	kPa	NIST Webbook
pc	3310.00 ± 20.00	kPa	NIST Webbook
rhoc	265.65 ± 6.13	kg/m3	NIST Webbook
rhoc	265.65 ± 2.04	kg/m3	NIST Webbook
rinpol	784.00		NIST Webbook
rinpol	787.00		NIST Webbook
rinpol	801.00		NIST Webbook
rinpol	803.00		NIST Webbook
rinpol	812.60		NIST Webbook
rinpol	784.00		NIST Webbook
rinpol	783.00		NIST Webbook
rinpol	780.30		NIST Webbook
rinpol	777.00		NIST Webbook
rinpol	777.00		NIST Webbook
rinpol	786.00		NIST Webbook
rinpol	777.70		NIST Webbook
rinpol	787.60		NIST Webbook
rinpol	775.90		NIST Webbook
rinpol	778.50		NIST Webbook
rinpol	803.10		NIST Webbook
rinpol	804.40		NIST Webbook
rinpol	811.00		NIST Webbook
rinpol	766.00		NIST Webbook
rinpol	801.00		NIST Webbook
rinpol	775.00		NIST Webbook
rinpol	787.00		NIST Webbook
rinpol	786.00		NIST Webbook
rinpol	780.00		NIST Webbook
rinpol	795.00		NIST Webbook
rinpol	787.00		NIST Webbook
rinpol	809.00		NIST Webbook
rinpol	803.10		NIST Webbook
rinpol	809.00		NIST Webbook
rinpol	783.00		NIST Webbook

rinpol	766.00	NIST Webbook
rinpol	787.00	NIST Webbook
rinpol	788.00	NIST Webbook
rinpol	789.00	NIST Webbook
rinpol	804.00	NIST Webbook
rinpol	790.00	NIST Webbook
rinpol	790.00	NIST Webbook
rinpol	781.00	NIST Webbook
rinpol	800.00	NIST Webbook
rinpol	787.00	NIST Webbook
rinpol	793.00	NIST Webbook
rinpol	777.00	NIST Webbook
rinpol	803.00	NIST Webbook
rinpol	786.00	NIST Webbook
rinpol	774.00	NIST Webbook
rinpol	780.30	NIST Webbook
rinpol	787.00	NIST Webbook
rinpol	128.24	NIST Webbook
rinpol	786.00	NIST Webbook
rinpol	784.00	NIST Webbook
rinpol	799.00	NIST Webbook
rinpol	786.00	NIST Webbook
rinpol	784.00	NIST Webbook
rinpol	784.00	NIST Webbook
rinpol	793.00	NIST Webbook
rinpol	803.00	NIST Webbook
rinpol	782.00	NIST Webbook
rinpol	785.00	NIST Webbook
rinpol	787.00	NIST Webbook
rinpol	786.00	NIST Webbook
rinpol	786.00	NIST Webbook
ripol	1232.00	NIST Webbook
ripol	1226.00	NIST Webbook
ripol	1238.00	NIST Webbook
ripol	1233.00	NIST Webbook
ripol	1195.00	NIST Webbook
ripol	1192.00	NIST Webbook
ripol	1192.00	NIST Webbook
ripol	1192.00	NIST Webbook
ripol	1232.00	NIST Webbook
ripol	1191.00	NIST Webbook
ripol	1219.00	NIST Webbook
ripol	1222.00	NIST Webbook
ripol	1219.00	NIST Webbook

ripol	1179.00		NIST Webbook
ripol	1179.00		NIST Webbook
ripol	1238.00		NIST Webbook
ripol	1238.00		NIST Webbook
ripol	1231.00		NIST Webbook
ripol	1202.00		NIST Webbook
ripol	1220.00		NIST Webbook
ripol	1232.00		NIST Webbook
ripol	1216.00		NIST Webbook
ripol	1192.00		NIST Webbook
ripol	1216.00		NIST Webbook
ripol	1245.00		NIST Webbook
ripol	1182.00		NIST Webbook
ripol	1182.00		NIST Webbook
ripol	1236.00		NIST Webbook
ripol	1241.00		NIST Webbook
ripol	1210.00		NIST Webbook
ripol	1239.00		NIST Webbook
ripol	1217.00		NIST Webbook
ripol	1227.00		NIST Webbook
ripol	1182.00		NIST Webbook
ripol	1182.00		NIST Webbook
ripol	1234.00		NIST Webbook
ripol	1211.00		NIST Webbook
ripol	1238.00		NIST Webbook
ripol	1233.00		NIST Webbook
ripol	1222.00		NIST Webbook
ripol	1243.00		NIST Webbook
ripol	1216.00		NIST Webbook
ripol	1232.00		NIST Webbook
ripol	1195.00		NIST Webbook
ripol	1232.00		NIST Webbook
ripol	1226.00		NIST Webbook
ripol	1240.00		NIST Webbook
ripol	1207.00		NIST Webbook
ripol	1219.00		NIST Webbook
ripol	1229.00		NIST Webbook
ripol	1254.00		NIST Webbook
ripol	1218.00		NIST Webbook
ripol	1254.00		NIST Webbook
tb	410.15 ± 3.00	K	NIST Webbook
tb	411.00	K	KDB
tb	409.20	K	NIST Webbook
tb	413.00	K	NIST Webbook

tb	411.15 ± 2.00	K	NIST Webbook
tb	411.65 ± 1.50	K	NIST Webbook
tb	413.15 ± 0.50	K	NIST Webbook
tb	413.05 ± 0.50	K	NIST Webbook
tb	411.15 ± 3.00	K	NIST Webbook
tb	412.65 ± 2.00	K	NIST Webbook
tb	409.15 ± 2.00	K	NIST Webbook
tb	409.15 ± 2.00	K	NIST Webbook
tb	412.65 ± 0.70	K	NIST Webbook
tb	410.15 ± 2.00	K	NIST Webbook
tb	412.65 ± 1.00	K	NIST Webbook
tb	413.35 ± 0.50	K	NIST Webbook
tb	411.65 ± 2.00	K	NIST Webbook
tb	412.95 ± 0.30	K	NIST Webbook
tb	411.65 ± 2.00	K	NIST Webbook
tb	409.15 ± 2.00	K	NIST Webbook
tb	412.65 ± 1.00	K	NIST Webbook
tb	409.65 ± 2.00	K	NIST Webbook
tb	411.65 ± 3.00	K	NIST Webbook
tb	412.55 ± 1.00	K	NIST Webbook
tb	410.65 ± 2.00	K	NIST Webbook
tc	585.80	K	NIST Webbook
tc	586.01 ± 0.30	K	NIST Webbook
tc	585.90	K	KDB
tc	585.90 ± 0.50	K	NIST Webbook
tc	585.40 ± 0.60	K	NIST Webbook
tc	585.40 ± 0.60	K	NIST Webbook
tc	568.20	K	NIST Webbook
tc	586.20 ± 0.30	K	NIST Webbook
tf	203.20	K	Joback Method
vc	0.384	m3/kmol	KDB
vc	0.384	m3/kmol	NIST Webbook
zc	0.2609150		KDB

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	236.05	J/mol×K	510.70	Joback Method
cpg	226.97	J/mol×K	483.27	Joback Method
cpg	217.54	J/mol×K	455.85	Joback Method
cpg	207.74	J/mol×K	428.42	Joback Method

cpg	253.18	J/mol×K	565.55	Joback Method
cpg	261.25	J/mol×K	592.97	Joback Method
cpg	244.78	J/mol×K	538.12	Joback Method
cpl	256.31	J/mol×K	298.15	NIST Webbook
cpl	260.34	J/mol×K	298.15	NIST Webbook
dvisc	0.0032300	Pa×s	303.15	Density and Viscosity Measurement of n-Butylamine with Hexyl Alcohol Isomer Binary Systems
dvisc	0.0034110	Pa×s	303.15	Densities and viscosities of binary mixtures of ethylmethylketone and 2-alkanols; application of the ERAS model and cubic EOS
dvisc	0.0022190	Pa×s	313.15	Densities and viscosities of binary mixtures of ethylmethylketone and 2-alkanols; application of the ERAS model and cubic EOS
dvisc	0.0022190	Pa×s	313.15	Densities and Viscosities of Binary Mixtures of Cyclohexanone and 2-Alkanols
dvisc	0.0028190	Pa×s	308.15	Densities and Viscosities of Binary Mixtures of Cyclohexanone and 2-Alkanols
dvisc	0.0034110	Pa×s	303.15	Densities and Viscosities of Binary Mixtures of Cyclohexanone and 2-Alkanols
dvisc	0.0041010	Pa×s	298.15	Densities and viscosities of binary mixtures of ethylmethylketone and 2-alkanols; application of the ERAS model and cubic EOS

dvisc	0.0016400	Pa×s	323.15	Density and Viscosity Measurement of n-Butylamine with Hexyl Alcohol Isomer Binary Systems
dvisc	0.0022900	Pa×s	313.15	Density and Viscosity Measurement of n-Butylamine with Hexyl Alcohol Isomer Binary Systems
dvisc	0.0041010	Pa×s	298.15	Densities and Viscosities of Binary Mixtures of Cyclohexanone and 2-Alkanols
dvisc	0.0028190	Pa×s	308.15	Densities and viscosities of binary mixtures of ethylmethylketone and 2-alkanols; application of the ERAS model and cubic EOS
hvapt	61.80	kJ/mol	273.50	NIST Webbook
hvapt	48.70	kJ/mol	387.50	NIST Webbook
hvapt	47.80	kJ/mol	381.50	NIST Webbook
hvapt	56.80 ± 0.20	kJ/mol	313.00	NIST Webbook
hvapt	55.00 ± 0.20	kJ/mol	328.00	NIST Webbook
hvapt	50.70 ± 0.20	kJ/mol	358.00	NIST Webbook
hvapt	49.20 ± 0.20	kJ/mol	368.00	NIST Webbook
hvapt	52.40	kJ/mol	375.00	NIST Webbook
hvapt	53.10	kJ/mol	358.00	NIST Webbook
hvapt	49.70	kJ/mol	355.50	NIST Webbook
hvapt	53.00 ± 0.20	kJ/mol	343.00	NIST Webbook
hvapt	41.01	kJ/mol	413.00	NIST Webbook
pvap	0.06	kPa	278.30	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols

pvap	0.06	kPa	279.50	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols
pvap	0.08	kPa	282.20	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols
pvap	0.08	kPa	282.50	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols
pvap	0.10	kPa	284.30	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols

pvap	0.10	kPa	285.40	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols
pvap	0.07	kPa	281.30	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols
pvap	0.10	kPa	285.50	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols
pvap	0.12	kPa	287.50	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols

pvap	0.13	kPa	288.40	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols
pvap	0.16	kPa	290.50	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols
pvap	0.17	kPa	291.40	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols
pvap	0.18	kPa	292.10	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols

pvap	0.19	kPa	293.20	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols	
pvap	0.20	kPa	293.40	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols	
pvap	0.05	kPa	276.30	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols	
pvap	0.21	kPa	294.40	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols	

pvap	0.25	kPa	296.20	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols	
pvap	0.26	kPa	296.50	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols	
pvap	0.27	kPa	297.40	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols	
pvap	0.33	kPa	299.50	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols	

pvap	0.34	kPa	300.40	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols	
pvap	0.41	kPa	302.50	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols	
pvap	0.42	kPa	303.40	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols	
pvap	0.52	kPa	305.50	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols	

pvap	0.53	kPa	306.40	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols
pvap	0.60	kPa	307.60	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols
pvap	0.04	kPa	274.50	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols
pvap	0.04	kPa	275.50	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols

pvap	0.05	kPa	276.50	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols	
pvap	0.69	kPa	309.40	Measurement and Prediction of Thermochemical Properties. Improved Benson-Type Increments for the Estimation of Enthalpies of Vaporization and Standard Enthalpies of Formation of Aliphatic Alcohols	
rfi	1.41350		293.15	Densities, viscosities, excess molar volumes, and refractive indices of acetonitrile and 2-alkanols binary mixtures at different temperatures: Experimental results and application of the Prigogine Flory Patterson theory	
rfi	1.41160		298.15	Densities, viscosities, excess molar volumes, and refractive indices of acetonitrile and 2-alkanols binary mixtures at different temperatures: Experimental results and application of the Prigogine Flory Patterson theory	

rfi	1.40930		303.15	Densities, viscosities, excess molar volumes, and refractive indices of acetonitrile and 2-alkanols binary mixtures at different temperatures: Experimental results and application of the Prigogine Flory Patterson theory
rfi	1.40770		308.15	Densities, viscosities, excess molar volumes, and refractive indices of acetonitrile and 2-alkanols binary mixtures at different temperatures: Experimental results and application of the Prigogine Flory Patterson theory
rfi	1.41160		298.15	Densities, Viscosities, and Refractive Indices of Binary Mixtures of Acetophenone and 2-Alkanols
rhol	798.00	kg/m3	313.15	Thermodynamic Properties of Binary Mixtures Containing N,N-Dimethylacetamide + 2-Alkanol: Experimental Data and Modeling
rhol	806.23	kg/m3	303.15	Volumetric properties of binary liquid mixtures of alcohols with 1,2-dichloroethane at different temperatures and atmospheric pressure

rhol	810.23	kg/m3	298.15	Volumetric properties of binary liquid mixtures of alcohols with 1,2-dichloroethane at different temperatures and atmospheric pressure
rhol	814.17	kg/m3	293.15	Volumetric properties of binary liquid mixtures of alcohols with 1,2-dichloroethane at different temperatures and atmospheric pressure
rhol	818.06	kg/m3	288.15	Volumetric properties of binary liquid mixtures of alcohols with 1,2-dichloroethane at different temperatures and atmospheric pressure
rhol	784.60	kg/m3	328.15	The study of physico-chemical properties of binary systems consisting of N-Methylcyclohexylamine with 2-alkanols at T = (298.15-328.15) K
rhol	793.57	kg/m3	318.15	The study of physico-chemical properties of binary systems consisting of N-Methylcyclohexylamine with 2-alkanols at T = (298.15-328.15) K
rhol	801.94	kg/m3	308.15	The study of physico-chemical properties of binary systems consisting of N-Methylcyclohexylamine with 2-alkanols at T = (298.15-328.15) K

rhol	810.17	kg/m3	298.15	The study of physico-chemical properties of binary systems consisting of N-Methylcyclohexylamine with 2-alkanols at T = (298.15-328.15) K
rhol	797.96	kg/m3	313.15	Densities and viscosities of the mixtures (formamide + 2-alkanol): Experimental and theoretical approaches
rhol	802.16	kg/m3	308.15	Volumetric properties of binary liquid mixtures of alcohols with 1,2-dichloroethane at different temperatures and atmospheric pressure
rhol	806.13	kg/m3	303.15	Densities and viscosities of the mixtures (formamide + 2-alkanol): Experimental and theoretical approaches
rhol	810.14	kg/m3	298.15	Densities and viscosities of the mixtures (formamide + 2-alkanol): Experimental and theoretical approaches
rhol	810.84	kg/m3	298.15	Study of thermodynamic and transport properties of binary liquid mixtures of n-decane with hexan-2-ol, heptan-2-ol and octan-2-ol at T = 298.15 K. Experimental results and application of the Prigogine-Flory-Patterson theory

rhol	801.75	kg/m3	308.15	Densities, viscosities and ultrasonic velocities of binary mixtures of methylbenzene with hexan-2-ol, heptan-2-ol and octan-2-ol at T = 298.15 and 308.15K
rhol	810.84	kg/m3	298.15	Densities, viscosities and ultrasonic velocities of binary mixtures of methylbenzene with hexan-2-ol, heptan-2-ol and octan-2-ol at T = 298.15 and 308.15K
rhol	816.00	kg/m3	293.00	KDB
rhol	798.04	kg/m3	313.15	Volumetric properties of binary liquid mixtures of alcohols with 1,2-dichloroethane at different temperatures and atmospheric pressure
rhol	810.10	kg/m3	298.15	Thermodynamic Properties of Binary Mixtures Containing N,N-Dimethylacetamide + 2-Alkanol: Experimental Data and Modeling
rhol	806.10	kg/m3	303.15	Thermodynamic Properties of Binary Mixtures Containing N,N-Dimethylacetamide + 2-Alkanol: Experimental Data and Modeling
rhol	802.10	kg/m3	308.15	Thermodynamic Properties of Binary Mixtures Containing N,N-Dimethylacetamide + 2-Alkanol: Experimental Data and Modeling

rhol	802.06	kg/m3	308.15	Densities and viscosities of the mixtures (formamide + 2-alkanol): Experimental and theoretical approaches

Correlations

Information	Value
Property code	pvap
Equation	ln(Pvp) = A + B/(T + C)
Coeff. A	1.50376e+01
Coeff. B	-3.41427e+03
Coeff. C	-8.33130e+01
Temperature range (K), min.	314.79
Temperature range (K), max.	434.35

Information	Value
Property code	pvap
Equation	ln(Pvp) = A + B/T + C*ln(T) + D*T^2
Coeff. A	1.05887e+02
Coeff. B	-1.03384e+04
Coeff. C	-1.27495e+01
Coeff. D	3.27083e-06
Temperature range (K), min.	223.00
Temperature range (K), max.	586.20

Datasets

Mass density, kg/m3

Temperature, K - Liquid	Pressure, kPa - Liquid	Mass density, kg/m3 - Liquid
313.13	1010.00	799.26
313.13	2006.00	800.05

313.13	2999.00	800.83
313.13	4008.00	801.59
313.13	4999.00	802.35
313.13	5986.00	803.12
313.13	7000.00	803.86
313.13	8010.00	804.64
313.13	9026.00	805.38
313.13	10004.00	806.09
313.13	11005.00	806.84
313.13	12001.00	807.56
313.13	13010.00	808.28
313.13	14002.00	808.98
313.13	14998.00	809.67
313.13	16001.00	810.39
313.13	17006.00	811.08
313.13	18000.00	811.7
313.13	19005.00	812.39
313.13	20015.00	813.1
313.13	21029.00	813.74
313.13	22004.00	814.4
323.09	1037.00	791.0
323.09	2000.00	791.79
323.09	3010.00	792.63
323.09	4029.00	793.48
323.09	5004.00	794.27
323.09	6020.00	795.1
323.09	7007.00	795.84
323.09	8009.00	796.68
323.09	9017.00	797.48
323.09	10003.00	798.25
323.09	11001.00	799.0
323.09	12000.00	799.77
323.09	13021.00	800.56
323.09	14001.00	801.3
323.09	15002.00	802.0
323.09	16000.00	802.74
323.09	17004.00	803.48
323.09	18008.00	804.21
323.09	19001.00	804.9
323.09	20011.00	805.62
323.09	21003.00	806.31
323.09	22004.00	807.01
333.04	1055.00	782.56
333.04	2007.00	783.43

333.04	3005.00	784.28
333.04	4007.00	785.21
333.04	5015.00	786.06
333.04	6009.00	786.93
333.04	7006.00	787.77
333.04	7998.00	788.61
333.04	9006.00	789.47
333.04	10004.00	790.32
333.04	11007.00	791.11
333.04	12012.00	791.93
333.04	13003.00	792.72
333.04	14008.00	793.51
333.04	15005.00	794.3
333.04	16001.00	795.06
333.04	17006.00	795.85
333.04	18010.00	796.61
333.04	19002.00	797.35
333.04	20000.00	798.08
333.04	21000.00	798.82
333.04	22004.00	799.56
342.98	1032.00	774.05
342.98	2015.00	775.01
342.98	3012.00	775.95
342.98	4017.00	776.87
342.98	5013.00	777.79
342.98	6012.00	778.72
342.98	7025.00	779.62
342.98	8000.00	780.47
342.98	9000.00	781.35
342.98	9996.00	782.25
342.98	11020.00	783.12
342.98	11999.00	783.92
342.98	12996.00	784.76
342.98	14007.00	785.6
342.98	15003.00	786.41
342.98	16005.00	787.17
342.98	17002.00	787.98
342.98	18010.00	788.76
342.98	19005.00	789.49
342.98	20010.00	790.27
342.98	21006.00	791.0
342.98	22005.00	791.75
352.86	1053.00	765.06
352.86	2014.00	766.05

352.86	3019.00	767.09
352.86	4033.00	768.08
352.86	4996.00	769.01
352.86	6006.00	770.06
352.86	7013.00	771.02
352.86	8004.00	771.95
352.86	9035.00	772.93
352.86	10009.00	773.84
352.86	11007.00	774.75
352.86	12007.00	775.66
352.86	12999.00	776.54
352.86	14012.00	777.47
352.86	15010.00	778.33
352.86	16003.00	779.21
352.86	17002.00	780.07
352.86	18017.00	780.92
352.86	19005.00	781.75
352.86	20014.00	782.58
352.86	21013.00	783.39
352.86	22010.00	784.18
362.73	1075.00	754.97
362.73	2006.00	756.02
362.73	3018.00	757.16
362.73	4034.00	758.26
362.73	5016.00	759.29
362.73	6066.00	760.41
362.73	6998.00	761.37
362.73	8041.00	762.44
362.73	9014.00	763.43
362.73	10001.00	764.37
362.73	11026.00	765.39
362.73	12000.00	766.35
362.73	13010.00	767.31
362.73	13999.00	768.28
362.73	15006.00	769.21
362.73	16006.00	770.12
362.73	17005.00	771.02
362.73	18000.00	771.92
362.73	19003.00	772.82
362.73	20017.00	773.7
362.73	21006.00	774.56
362.73	22010.00	775.42

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Legend

cpg:	Ideal gas heat capacity
cpl:	Liquid phase heat capacity
dvisc:	Dynamic viscosity
gf:	Standard Gibbs free energy of formation
hf:	Enthalpy of formation at standard conditions
hfl:	Liquid phase enthalpy of formation at standard conditions

hfus:	Enthalpy of fusion at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
hvapt:	Enthalpy of vaporization at a given temperature
ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
nfpaf:	NFPA Fire Rating
pc:	Critical Pressure
pvap:	Vapor pressure
rfi:	Refractive Index
rhoc:	Critical density
rhol:	Liquid Density
rinpol:	Non-polar retention indices
ripol:	Polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point
vc:	Critical Volume
zc:	Critical Compressibility

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