Magnesium chloride

Other names:	magnesium dichloride
Inchi:	InChI=1S/CIH.Mg/h1H;/q;+1/p-1
InchiKey:	FOSCDBCOYQJHPN-UHFFFAOYSA-M
Formula:	CIMg
SMILES:	[Mg]Cl
Mol. weight [g/mol]:	59.76
CAS:	14989-29-8

Correlations

Information	Value
Property code	pvap
Equation	ln(Pvp) = A + B/(T + C)
Coeff. A	1.44209e+01
Coeff. B	-1.54199e+04
Coeff. C	-1.12100e+02
Temperature range (K), min.	1051.15
Temperature range (K), max.	1685.15

Sources

Measurement of Mineral Solubilities in the Quaternary Systems KCI MgCl2 Sector liquid an unitor inscription of the chlorides of invition iquid duare an annihiligries with at (Mg(d2PO2)2 + NaH2PO2 + H2O) and (Mg42PO2)2 + Na Measurement of Mineral Solubilities in Vapor Liquid Equilibrium of the Ethyl Rotalpier of Dilston for myo-Inositol in Aqueous Alkal Metal Salt and **Ahermedzaemin Repsentiss p**íti**Gars**ary Alkanne Cartinine La part Service Actions..., Aqueous Solutions with the Common Mayiesithar Or Dynamics of the by Action 2007 (Starter Cartion 2007 (Starter Starter S Aqueous Quaternary System Rb+, Mg2+//CI, borate H2O at 323 K:

https://www.doi.org/10.1021/acs.jced.6b00960 https://www.doi.org/10.1016/j.fluid.2014.01.037 https://www.doi.org/10.1021/acs.jced.6b00828 https://www.doi.org/10.1021/acs.jced.8b00605 https://www.doi.org/10.1021/acs.jced.7b00800 https://www.doi.org/10.1021/acs.jced.7b00520 https://www.doi.org/10.1016/j.fluid.2015.11.033 https://www.doi.org/10.1021/acs.jced.6b00928 https://www.doi.org/10.1021/je060492g https://www.doi.org/10.1021/je7002176 https://www.doi.org/10.1016/j.tca.2013.10.019 https://www.doi.org/10.1021/acs.jced.6b00024

Effects of Na, Ca, Mg, and Al Chloride Salts on Dissolution and Phase Examingent abard Modeling Difference Experiment candid surface of the provident of the provide liquids in aqueous salt solutions at **Society** of the solution of the solution

Equilibrium of the System CsCl MgCl2 Ago an 2015 in Requeous surface-active ionic liquid

Too days Janelny white Zan Rim Bronnie induite Bronnie Solutions: Volumetric and Compression of the solution of the solution of the solution compression of the solution of the solution of the solution compression of the solution of the soluti Ciscoposticosticosticationale systems and collection and the solutions and collection and the solution and the solutions and collection and the solution and the solutions and collections and the solution and the solutions and collections and the solution a

and 4(11,2304) Fungson Funzo, are 2004 Bimulation of the Brose Nigudi Wigcinzthe Quatatentary Systems KCLP 2001 ZnC12 H2O and Migcinz 48 Conztration 2006 Election (Sto 90) Migcosity and Density of the Ternary Construct of the Ternary

85 Ut Web be 208.15 K:

Solubility of ammonium chloride in a MgCl2-NH4Cl-NH3-H2O system at 298 Rensitive and Misconsition in N-Methylacetamide Sviection Tempersultion in N-Methylacetamide Sviection Tempersultify angle MgGl2 on Misconsities 201 Aspressing MgGl2 on Misconsities 2 **Concentrated Region:**

https://www.doi.org/10.1021/acs.jced.5b00005 https://www.doi.org/10.1021/je500623w https://www.doi.org/10.1021/je700017b https://www.doi.org/10.1021/je2013704 https://www.doi.org/10.1021/je034168m https://www.doi.org/10.1021/je400396s https://www.doi.org/10.1016/j.jct.2011.06.024 https://www.doi.org/10.1021/acs.jced.8b01116 https://www.doi.org/10.1016/j.jct.2011.03.002 **EXEMPTION PROVIDE PRO** https://www.doi.org/10.1021/acs.jced.7b00894 characterization of pentaerythritol in watebuilty and citabuilty a https://www.doi.org/10.1021/acs.jced.6b00952 https://www.doi.org/10.1016/j.jct.2014.03.001 https://www.sciencedirect.com/book/9780128029992/the-yaws-handbook-of-vapor-pressure https://www.doi.org/10.1016/j.tca.2013.08.002 https://www.doi.org/10.1021/acs.jced.5b00639 https://www.doi.org/10.1021/acs.jced.5b01010 https://www.doi.org/10.1016/j.jct.2012.02.016 https://www.doi.org/10.1016/j.jct.2010.04.014 mxed-solvent desiccant systems Wara and by the solution of th https://www.doi.org/10.1021/acs.jced.7b00218 https://www.doi.org/10.1021/je101012n https://www.doi.org/10.1021/je100111w Solution of Magnesium Chloride + Betarmination and Madeling of (2007) Solution of Magnesium Chloride + Betarmination and Madeling of (2007) Solution of Magnesium Chloride + https://www.doi.org/10.1021/acs.jced.5b00624 https://www.doi.org/10.1021/acs.jced.5b00624 https://www.doi.org/10.1016/j.jct.2018.12.011 https://www.doi.org/10.1021/acs.jced.5b00624 Minicipation</t http://webbook.nist.gov/cgi/cbook.cgi?ID=C14989298&Units=SI https://www.doi.org/10.1016/j.fluid.2014.10.014

Liquid liquid equilibria for the MTBE+water + salts systems at Systems K+(Mg2+), NH4+//CI H2O at T = 4 ttps://www.doi.org/10.1016/j.fluid.2007.04.026 https://www.doi.org/10.1021/acs.jced.6b00981 https://www.doi.org/10.1021/acs.jced.6b00981

Legend

pvap: Vapor pressure

Latest version available from:

https://www.chemeo.com/cid/10-745-3/Magnesium-chloride.pdf

Generated by Cheméo on 2024-04-30 01:16:01.724073823 +0000 UTC m=+16729010.644651135.

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.