sodium bromide

Inchi:	InChI=1S/BrH.Na/h1H;/q;+1/p-1
InchiKey:	JHJLBTNAGRQEKS-UHFFFAOYSA-M
Formula:	BrNa
SMILES:	[Br-].[Na+]
Mol. weight [g/mol]:	102.89
CAS:	7647-15-6

Physical Properties

Property code	Value	Unit	Source
ea	0.79 ± 0.01	eV	NIST Webbook
ea	0.94	eV	NIST Webbook
ie	8.70	eV	NIST Webbook
ie	8.30 ± 0.10	eV	NIST Webbook
ie	8.30 ± 0.10	eV	NIST Webbook
ie	8.30 ± 0.10	eV	NIST Webbook
tt	1114.00	К	Study of the NaBr DyBr3 phase diagram by differential thermal analysis

Correlations

Information	Value
Property code	pvap
Equation	ln(Pvp) = A + B/(T + C)
Coeff. A	1.53489e+01
Coeff. B	-1.64472e+04
Coeff. C	-1.31070e+02
Temperature range (K), min.	1020.00
Temperature range (K), max.	1720.00

Sources

Apparent molar volumes and compressibilities of selected titus://www.doi.org/10.1016/j.fluid.2013 sali (Jacia Kick, Na2SO4 and Kasourier polygestignations) kasourier polygestignation (M = Na, K, Rb, Cs) : Solubility of NaBr, NaCl, and KBr in Surfactant Account of the solution of the soluti Surfactant Aqueous Solutions: Study on solid liquid phase equilibria in https://www.doi.org/10.1016/j.fluid.2007. https://www.doi.org/10.1021/je1007394 https://www.doi.org/10.1021/je500681m https://www.doi.org/10.1021/je500681m https://www.doi.org/10.1021/je500681m https://www.doi.org/10.1021/je500681m https://www.doi.org/10.1021/je500681m https://www.doi.org/10.1021/je500681m https://www.doi.org/10.1021/je500681m https://www.doi.org/10.1021/je500681m https://www.doi.org/10.1021/je500881x https://www.doi.org/10.1021/je5009944 https://www.doi.org/10.1021/je5009944 https://www.doi.org/10.1021/je500981x https://www.doi.org/10.1021/je5009841x https://www.doi.org/10.1021/je500944 https://www.doi.org/10.1021/je500944 https://www.doi.org/10.1021/je500881x https://www.doi.org/10.1021/je500944 https://www.doi.org/10.1021/je50048y https://www.doi.org/10.1021/je600301+ https://www.doi.org/10.1021/acs.jced.7b N.N-Dimethylformamide: Investigation of Surface Properties for Electrolyte Solutions: Measurement Anacolisic on conversion of the set of the s Electrina 16 part 298 PEOK:

Tetrabutylammonium Bromide, Sodium Activity of a the second secon NaBsis/ of 2 10 good 4 20 bain halide salt

solutions of the second Quaternary System (NaBr + MgBr2 + CaBr2 + H2O) at 298.15 K:

https://www.doi.org/10.1016/j.jct.2010.07.003 compressibilities of selected melar heat capacities of aqueous Solutiity of the second figure of aqueous Solutiity of the second figure of aqueous Solutiity of the second figure of aqueous Matter Metar of aqueous Matter Metar of aqueous Solutiity of the second figure of aqueous Matter Metar of aqueous Metar of aqueous Metar of aqueous Metar of aqueous Metar On Micellization Behavior of
NEW gard in Olar Personal String Stri https://www.doi.org/10.1016/j.fluid.2015.02.015 https://www.doi.org/10.1016/j.fluid.2012.06.024 Surfactant Aqueous Solutions: Study on solid liquid phase equilibria in https://www.doi.org/10.1016/j.fluid.2007.03.008 https://www.doi.org/10.1016/j.fluid.2013.10.047 https://www.doi.org/10.1021/acs.jced.7b00273 https://www.doi.org/10.1021/acs.jced.5b00393 https://www.doi.org/10.1016/j.jct.2011.03.002 https://www.doi.org/10.1021/acs.jced.9b00225 http://webbook.nist.gov/cgi/cbook.cgi?ID=C7647156&Units=SI https://www.doi.org/10.1021/acs.jced.7b00503 https://www.doi.org/10.1016/j.jct.2015.11.028 https://www.doi.org/10.1021/je020144o https://www.doi.org/10.1021/je500420g Density of Aqueous Alkali Halide Salt Study of sing tage are first an astrolecular diagram by differential thermal metal halides in (dimethyl sulfoxide + Loss //www.doi.org/10.1016/j.jct.2009.03.005 https://www.doi.org/10.1016/j.jct.2009.03.005 https://www.doi.org/10.1016/j.jct.2009.03.005 https://www.doi.org/10.1021/je0600810 https://www.doi.org/10.1021/je050064v https://www.doi.org/10.1021/acs.jced.6b00799 https://www.doi.org/10.1016/j.fluid.2015.08.005 https://www.doi.org/10.1021/acs.jced.8b00291

Solid Liquid Equilibria in the Systems	https://www.doi.org/10.1021/acs.jced.5b00112
CaBr2 MgBr2 H2O and NaBr KBr SrBr2 Sofulative and Thermodynamics of	https://www.doi.org/10.1021/acs.jced.7b00647
Solute-Solvent Interactions of Some	https://www.doi.org/10.1021/je401118k
Brownelianing Based Silicometonic Brownel Strategy School Silicometonic	https://www.doi.org/10.1016/j.jct.2009.11.018
volume of ternary mixtures containing warmal Agramsparity abginary	https://www.doi.org/10.1021/je049814b
Agusous Nedic and Kenandosnar br Hegoli (Habis Kengeli Bilansator, br	https://www.doi.org/10.1021/je9006184
Test en al what be are en strik water al station water of a strik water best en al station of a strike a strike brown de finder of a strike a strike a strike a strik	https://www.doi.org/10.1016/j.fluid.2017.04.016
Water system based bandbertabaname	https://www.doi.org/10.1021/acs.jced.9b00384
Reastation (A cure of \$200 attants 30 0.2)	https://www.doi.org/10.1021/je300737t
Tetrabutylammonium Bromide, Sodium Bhomitikesationsbookingf Vapor	https://www.sciencedirect.com/book/9780128029992/the-yaws-handbook-of-vapor-pressure
Fersente nylborate in 2-Butoxyethanol Elective (2)9000000000000000000000000000000000000	https://www.doi.org/10.1021/je1008813
Jetrabusvahmonium Sromide, Sodium Tetraphenylborate, and Sodium	
Bromide in N,N-Dimethylformamide (1) + Water (2) Mixtures at (308.15, 313.15,	

ea:	Electron affinity
ie:	Ionization energy
pvap:	Vapor pressure
tt:	Triple Point Temperature

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