

Sodium perchlorate

Other names:	perchloric acid, sodium salt sodium perchlorate monohydrate
Inchi:	InChI=1S/ClHO4.Na.H2O/c2-1(3,4)5;;/h(H,2,3,4,5);;1H2/q;+1;/p-1
InchiKey:	IXGNPUSUVRTQGW-UHFFFAOYSA-M
Formula:	ClH2NaO5
SMILES:	O.[O-][Cl+3]([O-])([O-])O[Na]
Mol. weight [g/mol]:	140.46

Sources

Apparent molar volumes and compressibilities of selected electrolytes in dimethyl sulfoxide at 573 K:
NIST Webbook:

<https://www.doi.org/10.1016/j.jct.2010.07.003>
<https://www.doi.org/10.1021/acs.jced.7b00527>
<http://webbook.nist.gov/cgi/cbook.cgi?ID=B6000524&Units=SI>

Enthalpies of transfer of amino acids from water to aqueous solutions of sodium perchlorate
Solubility of MoO_3 in NaClO_4 Solutions at 298.15 K
Concentrated Electrolyte Solutions: The vapour pressures over saturated aqueous solutions of sodium and weak barium and radium hydroxides using an a.c. exchange method and its thermodynamic explanation
Investigation of some metal perchlorates prevailing in N-methyl pyrrolidone and their effect on synthesis, high capacity and enthalpy of polymerisation
Electrolytes in methanol: H_2SO_4 , HClO_4 , HNO_3 , H_2SO_4 , HClO_4 , HNO_3 in Aqueous Solution
Solubilities of imidazolium-based ionic liquids in aqueous salt solutions at 298.15 K
Apparent molar volumes and compressibilities of electrolytes and apparent molar compressibilities and volumes of some 1,1-Electrolytes in aqueous solution
Solubility and Acidic Constants of N-Octyltrimethylammonium Aqueous Solutions at 25 deg C:

<https://www.doi.org/10.1016/j.tca.2005.10.013>
<https://www.doi.org/10.1021/acs.jced.7b00690>
<https://www.doi.org/10.1016/j.jct.2006.12.006>
<https://www.doi.org/10.1016/j.jct.2018.08.037>
<https://www.doi.org/10.1016/j.tca.2015.03.023>
<https://www.doi.org/10.1016/j.jct.2008.04.008>
<https://www.doi.org/10.1016/j.tca.2005.11.021>
<https://www.doi.org/10.1021/je2005006>
<https://www.doi.org/10.1016/j.jct.2011.03.002>
<https://www.doi.org/10.1016/j.jct.2012.05.026>
<https://www.doi.org/10.1021/je060301+>
<https://www.doi.org/10.1021/je900116h>

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