

sodium tetrahydroborate

Inchi:	InChI=1S/BH4.Na/h1H4;/q-1;+1
InchiKey:	YOQDYZUWIQVZSF-UHFFFAOYSA-N
Formula:	BH4Na
SMILES:	[BH4-].[Na+]
Mol. weight [g/mol]:	37.83
CAS:	16940-66-2

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cps	111.61	J/molxK	328.10	Thermal properties of alkaline sodium borohydride solutions

Sources

Thermal properties of alkaline sodium borohydride solutions:	https://www.doi.org/10.1016/j.tca.2008.03.009
Density Calculations for (Na, K)BH ₄ + (Na, K)BO ₂ + (Na, K)OH + H ₂ O	https://www.doi.org/10.1021/je200216n
NIST Webbook	http://webbook.nist.gov/cgi/cbook.cgi?ID=C16940662&Units=SI
Solutions Used in Hydrogen Power Engineering:	

Legend

cps: Solid phase heat capacity

Latest version available from:

<https://www.cheméo.com/cid/24-429-9/sodium-tetrahydroborate.pdf>

Generated by Cheméo on 2024-04-19 15:54:51.493597122 +0000 UTC m=+15831340.414174444.

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