Zinc acetate

Other names: Zinc acetate
Inchi: InChI=1S/2C2H4O2.Zn/c2*1-2(3)4;/h2*1H3,(H,3,4);/q;;+2/p-2
InchiKey: DJWUNCQRNNEAKC-UHFFFAOYSA-L
Formula: C4H6O4Zn
SMILES: CC(=O)[O-].CC(=O)[O-].[Zn+2]
Mol. weight [g/mol]: 183.48

Physical Properties

Property code	Value	Unit	Source
af	0.1217		Cheméo Relay (1.0)
gf	-297.44	kJ/mol	Cheméo Relay (1.0, beta)
hf	-1066.30	kJ/mol	Cheméo Relay (1.0)
hvap	62.39	kJ/mol	Cheméo Relay (1.0)
ie	8.83	eV	Cheméo Relay (1.0)
log10ws	-0.44		Cheméo Relay (1.0)
pc	3922.29	kPa	Cheméo Relay (1.0, beta)
tb	615.01	K	Cheméo Relay (1.0)
tc	903.40	K	Cheméo Relay (1.0)
tf	366.47	K	Cheméo Relay (1.0)
vc	0.222	m3/kmol	Cheméo Relay (1.0)

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cps	153.60	J/mol×K	298.00	NIST Webbook

Sources

Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C557346&Units=SI
Cheméo Relay (1.0):

Legend

af:	Acentric Factor
cps:	Solid phase heat capacity
gf:	Standard Gibbs free energy of formation
hf:	Enthalpy of formation at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
pc:	Critical Pressure
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point
vc:	Critical Volume