

# Sodium oxalate

<b>Other names:</b>	disodium ethanedioate disodium oxalate ethanedioic acid, disodium salt oxalic acid, disodium salt sodium ethanedioate
<b>Inchi:</b>	InChI=1S/C2H2O4.2Na/c3-1(4)2(5)6;;/h(H,3,4)(H,5,6);;/q;2*+1/p-2
<b>InchiKey:</b>	ZNCPFRVNHGOPAG-UHFFFAOYSA-L
<b>Formula:</b>	C2Na2O4
<b>SMILES:</b>	O=C([O-])C(=O)[O-].[Na+].[Na+]
<b>Mol. weight [g/mol]:</b>	134.00
<b>CAS:</b>	62-76-0

## Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cps	130.00	J/molxK	281.00	NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C62760&Units=SI>

**Solubility of Sodium Oxalate in Concentrated Electrolyte Solutions:** <https://www.doi.org/10.1021/acs.jced.7b00690>

**Heat Capacities and Volumes of Aqueous Dicarboxylate Salt Solutions:** <https://www.doi.org/10.1021/je0502400>

**Equilibrium Phase Diagram for the Ternary Sodium Oxalate + Hydrogen Peroxide + Water System at (283.15 and 293.15) K:** <https://www.doi.org/10.1021/je060461l>

## Legend

**cps:** Solid phase heat capacity

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