

Sodium bicarbonate

Other names:	carbonic acid sodium salt (1:1) carbonic acid, monosodium salt monosodium carbonate monosodium hydrogen carbonate sodium acid carbonate sodium carbonate (Na(HCO ₃)) sodium hydrogen carbonate sodium monohydrogen carbonate
Inchi:	InChI=1S/CH2O3.Na/c2-1(3)4;/h(H2,2,3,4);/q;+1/p-1
InchiKey:	UIMBOGNXHQVGW-UHFFFAOYSA-M
Formula:	CHNaO3
SMILES:	O=C(O)O[Na]
Mol. weight [g/mol]:	84.01

Sources

Solubility of NaHCO₃ and NH₄HCO₃ in the Relevant Media and Prediction of High Pressure Phase Equilibria for the Na₂CO₃-NaHCO₃-H₂O System (5 to 90) °C
<https://www.doi.org/10.1021/acs.jced.7b00790>

Measurement and Correlation of Solubility Data for CO₂ in NaHCO₃ Aqueous Solution (aq), Na₂SO₄(aq), NaHCO₃(aq), and Two Synthetic Reservoir Fluids over Temperatures between (273.15 and 323.15) K
<https://www.doi.org/10.1021/je101012n>

Solubility of Carbon Dioxide in (methyl) Sulfide in Different Pure Solvents and Ethanol-Water Binary Mixtures between (273.25 and 325.25) K: Solubility measurements in Na-F-CO₃-HCO₃-H₂O system at (308.15 and 323.15) K and development of a Pitzer-based equilibrium model for the Na-F-Cl-SO₄-CO₃-HCO₃-H₂O system: Latest version available from:
<https://www.doi.org/10.1021/je1011168>
<https://www.doi.org/10.1021/je301132p>
<https://www.doi.org/10.1021/je301265w>
<https://www.doi.org/10.1021/je8005419>
<http://webbook.nist.gov/cgi/cbook.cgi?ID=B6000512&Units=SI>
<https://www.doi.org/10.1016/j.jct.2018.10.029>

<https://www.cheméo.com/cid/78-170-7/Sodium-bicarbonate.pdf>

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