

# disodium oxide

Inchi:	InChI=1S/2Na.O
InchiKey:	QVUYWFOHKOTLOB-UHFFFAOYSA-N
Formula:	Na <sub>2</sub> O
SMILES:	[Na]O[Na]
Mol. weight [g/mol]:	61.98
CAS:	1313-59-3

## Physical Properties

Property code	Value	Unit	Source
affp	1375.90	kJ/mol	NIST Webbook
basg	1345.20	kJ/mol	NIST Webbook
ie	5.35	eV	NIST Webbook
ie	5.10 ± 0.10	eV	NIST Webbook
ie	5.50 ± 0.50	eV	NIST Webbook

## Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C1313593&Units=SI>

## Legend

<b>affp:</b>	Proton affinity
<b>basg:</b>	Gas basicity
<b>ie:</b>	Ionization energy

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