




Chemická data

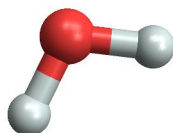
```
In[124]:= Table[{x, ChemicalData["Water", x]},  
              {x, ChemicalData["Water", "Properties"]}] // TableForm
```

Out[124]//TableForm=

AcidityConstant	54.9541
AcidityConstants	1.8197×10^{-16} 54.9541
AdjacencyMatrix	SparseArray[<4>, {3, 3}] dihydrogen monoxide distilled water hydrogen hydroxide
AlternateNames	ice oxidane steam
AtomPositions	-6.3259 -25.268 26.210 74.277 26.059 17.009 -67.951 -0.79118 -43.219
AutoignitionPoint	Missing[NotAvailable]
BeilsteinNumber	Missing[NotAvailable]
BoilingPoint	100
BondTally	H O 2 1
CASNumber	CAS7732-18-5
CHColorStructureDiagram	
CHStructureDiagram	
CIDNumber	CID962
Codons	Missing[NotAvailable]
ColorStructureDiagram	
CombustionHeat	Missing[NotAvailable]
CompoundFormulaDisplay	H ₂ O
CompoundFormulaString	H2O
CriticalPressure	22.064
CriticalTemperature	647.14
Density	1000.
DensityGramsPerCC	1.
DielectricConstant	80.10
DOTHazardClass	Missing[NotAvailable]
DOTNumbers	Missing[NotAvailable]
EdgeRules	1 → 2 1 → 3
EdgeTypes	Single Single
EGECNumber	EGEC231-791-2
ElementMassFraction	H 11.1898 O 88.810
ElementTally	H 2 O 1
ElementTypes	H O
EUNumber	Missing[NotAvailable]
FlashPoint	Missing[NotAvailable]
FlashPointFahrenheit	Missing[NotAvailable]
FormalCharges	0 0 0

FormattedName	water
GmelinNumber	Missing[NotAvailable]
HBondAcceptorCount	1
HBondDonorCount	1
HenryLawConstant	Missing[NotAvailable]
HildebrandSolubility	Missing[NotAvailable]
HildebrandSolubilitySI	Missing[NotAvailable]
InChI	InChI=1/H2O/h1H2
IonEquivalents	Missing[NotAvailable]
Ions	Missing[NotAvailable]
IonTally	Missing[NotAvailable]
IsoelectricPoint	Missing[NotApplicable]
IsomericSMILES	O
IUPACName	water
LogAcidityConstant	-1.74
LowerExplosiveLimit	Missing[NotAvailable]
MDLNumber	MFCD00011332
MeltingBehavior	Missing[NotAvailable]
MeltingPoint	0
	Inorganic
	InterstellarMolecules
	LewisBases
Memberships	Liquids
	PolarProticSolvents
	PolarSolvents
	Refrigerants
MolarVolume	0.0000180153
MolecularFormulaDisplay	H ₂ O
MolecularFormulaString	H2O
MolecularWeight	18.0153

MoleculePlot



Name	water
NFPAFireRating	Missing[NotAvailable]
NFPAHazards	Missing[NotAvailable]
NFPAHealthRating	Missing[NotAvailable]
NFPALabel	Missing[NotAvailable]
NFPAReactivityRating	Missing[NotAvailable]
NonHydrogenCount	1
NonStandardIsotopeCount	0
	None
NonStandardIsotopeNumbers	None
	None
NonStandardIsotopeTally	Missing[NotAvailable]
NSCNumber	Missing[NotAvailable]
OdorThreshold	Missing[NotAvailable]
OdorType	odorless
PartitionCoefficient	Missing[NotAvailable]
pH	7.
Phase	Liquid
RefractiveIndex	1.333
Resistivity	Missing[NotAvailable]
RotatableBondCount	0
	Mutagen
RTECSClasses	HumanData
RTECSNumber	RTECSZC0110000

SideChainAcidityConstant	Missing[NotAvailable]
SMILES	O
Solubility	Missing[NotAvailable]
SolubilityType	Missing[NotAvailable]

SpaceFillingMoleculePlot



StandardName	Water
StructureDiagram	<chem>H-O-H</chem>
SurfaceTension	0.0728
TautomerCount	1
ThermalConductivity	0.6062
TopologicalPolarSurfaceArea	1
UpperExplosiveLimit	Missing[NotAvailable]
VanDerWaalsConstants	5.537 0.0305
VaporDensity	Missing[NotAvailable]
VaporizationHeat	40.2
VaporPressure	2333.
VaporPressureTorr	17.50
VertexCoordinates	253.69 -15.5 307.39 15.5 200. 15.5
VertexTypes	O H H
Viscosity	0.00089

Geografická data

Francie

```
In[125]= Table[{x, CountryData["France", x]},
  {x, CountryData["France", "Properties"]}] // TableForm
```

Out[125]//TableForm=

A very large output was generated. Here is a sample of it:

<<1>>

Show Less

Show More

Show Full Output

Set Size Limit...

Praha

```
In[126]= CityData["Prague"]
```

```
Out[126]= {{Prague, Prague, CzechRepublic},
           {Prague, Oklahoma, UnitedStates}, {Prague, Nebraska, UnitedStates}}
```

```
In[127]= Table[{x, CityData[{"Prague", "Prague", "CzechRepublic"}, x]}, {x,
           CityData[{"Prague", "Prague", "CzechRepublic"}, "Properties"]}] // TableForm
```

```
Out[127]//TableForm=
```

AlternateNames	Prag Praha Prog
Coordinates	50.08 14.43
Country	CzechRepublic
Elevation	223
FullName	Prague, Hlavní město Praha, Czech Republic
Latitude	50.08
LocationLink	http://maps.google.com/maps?q=+50.08,+14.43&z=12&t=h
Longitude	14.43
Name	Prague
Population	1 249 026
Region	Prague
RegionName	Hlavní město Praha
StandardName	Prague Prague CzechRepublic
TimeZone	1

```
In[128]= Table[{x, CityData[{"Prague", "Oklahoma", "UnitedStates"}, x]}, {x,
           CityData[{"Prague", "Oklahoma", "UnitedStates"}, "Properties"]}] // TableForm
```

```
Out[128]//TableForm=
```

AlternateNames	
Coordinates	35.4861 -96.6878
Country	UnitedStates
Elevation	308
FullName	Prague, Oklahoma
Latitude	35.4861
LocationLink	http://maps.google.com/maps?q=+35.4861,-96.6878&z=12&t=h
Longitude	-96.6878
Name	Prague
Population	2386
Region	Oklahoma
RegionName	Oklahoma
StandardName	Prague Oklahoma UnitedStates
TimeZone	Missing[NotAvailable]