

List of available Compounds in DWSIM Database

ChemSep
1-butanol
1-butene
1-heptanol
1-heptene
1-hexanol
1-hexene
1-methyl-1-ethylcyclopentane
1-methyl-3-n-propylbenzene
1-methyl-4-n-propylbenzene
1-methylindene
1-methylnaphthalene
1-nitrobutane
1-nitropropane
1-nonene
1-octene
1-pentanol
1-pentene
1-phenylnaphthalene
1-propanol
1-undecene
1,1-dichloroethane
1,1-dimethylcyclohexane
1,1-dimethylcyclopentane
1,1,2-trichloroethane
1,2-butadiene
1,2-dichloroethane
1,2-propylene oxide
1,2,3-trimethylbenzene
1,2,3,4-tetramethylbenzene
1,2,3,5-tetramethylbenzene
1,2,4-trichlorobenzene
1,2,4-trimethylbenzene
1,2,4,5-tetramethylbenzene
1,3-butadiene
1,4-butanediol
1,4-dioxane
2-butanol
2-ethyl-m-xylene
2-ethyl-p-xylene
2-heptanone
2-hexanone
2-Methoxy-2-Methyl-Heptane
2-methyl-1-butanol
2-methyl-1-butene
2-methyl-1-heptene
2-methyl-1-pentene
2-methyl-1-propanol
2-methyl-2-butanol

2-methyl-2-butene
2-Methyl-2-Heptanol
2-methyl-2-propanol
2-methyl-3-ethylpentane
2-methylheptane
2-methylhexane
2-methylindene
2-methylnaphthalene
2-methylnonane
2-methyloctane
2-methylpentane
2-methylpropanal
2-nitropropane
2-pentanol
2-pentanone
2,2-dimethyl-1-propanol
2,2-dimethylbutane
2,2-dimethylheptane
2,2-dimethylhexane
2,2-dimethyloctane
2,2-dimethylpentane
2,2,3-trimethylbutane
2,2,3-trimethylpentane
2,2,3,3-tetramethylbutane
2,2,3,3-tetramethylpentane
2,2,3,4-tetramethylpentane
2,2,4-trimethylpentane
2,2,4,4-tetramethylpentane
2,2,5-trimethylhexane
2,3-dimethylbutane
2,3-dimethylhexane
2,3-dimethylpentane
2,3,3-trimethylpentane
2,3,3,4-tetramethylpentane
2,3,4-trimethylpentane
2,4-dimethylhexane
2,4-dimethylpentane
2,4-dinitrotoluene
2,4,4-trimethylhexane
2,4,6-trinitrotoluene
2,5-dimethylhexane
2,5-dinitrotoluene
2,6-dinitrotoluene
3-ethylheptane
3-ethylhexane
3-ethylpentane
3-heptanone
3-hexanone
3-methyl-1-butene
3-methyl-3-ethylpentane
3-methylheptane
3-methylhexane
3-methylnonane
3-methyloctane

3-methylpentane
3-pentanone
3,3-diethylpentane
3,3-dimethyl-2-butanone
3,3-dimethylhexane
3,3-dimethylpentane
3,3,5-trimethylheptane
3,4-dimethylhexane
3,4-dinitrotoluene
3,5-dinitrotoluene
4-ethyl-m-xylene
4-ethyl-o-xylene
4-heptanone
4-methyl-cis-2-pentene
4-methyl-trans-2-pentene
4-methylheptane
4-methylnonane
4-methyloctane
5-methyl-2-hexanone
5-methylnonane
Acenaphthene
Acetaldehyde
Acetic acid
Acetic anhydride
Acetone
Acetonitrile
Acetyl chloride
Acetylene
Acrylic acid
Acrylonitrile
Adipic acid
Air
Ammonia
Aniline
Anisole
Argon
Benzene
Benzoic acid
Biphenyl
Bromine
Bromobenzene
Butanal
Butyl vinyl ether
Carbon dioxide
Carbon disulfide
Carbon monoxide
Carbon tetrachloride
Carbonyl sulfide
Chlorine
Chloroform
Chrysene
Cis-1,2-dimethylcyclohexane
Cis-1,2-dimethylcyclopentane
Cis-1,3-dimethylcyclohexane

Cis-1,3-dimethylcyclopentane
Cis-1,4-dimethylcyclohexane
Cis-2-butene
Cis-2-hexene
Cis-2-pentene
Cis-decahydronaphthalene
Cumene
Cumene hydroperoxide
Cyclohexane
Cyclohexanol
Cyclohexanone
Cyclohexene
Cyclopentane
Di-n-butyl ether
Di-n-propyl disulfide
Di-n-propyl sulfide
Di-sec-butyl ether
Di-tert-butyl disulfide
Dichloroacetaldehyde
Dichloroacetyl chloride
Dicyclopentadiene
Diethanolamine
DiEthyl Carbonate
Diethyl disulfide
Diethyl ether
Diethyl sulfide
Diethylamine
Diethylene glycol
Diethylenetriamine
Diethylethanolamine
Diisobutyl ketone
Diisopropanolamine
Diisopropyl ether
Diisopropyl ketone
Diisopropylamine
Dimethyl carbonate
Dimethyl disulfide
Dimethyl ether
Dimethyl sulfide
Dimethyl sulfoxide
Dimethyl terephthalate
Dimethylacetylene
Dimethylethanolamine
DiPhenyl Carbonate
Diphenyl disulfide
Ethane
Ethanol
Ethyl acetate
Ethyl chloride
Ethyl formate
Ethyl mercaptan
Ethyl methyl disulfide
Ethyl Phenyl Carbonate
Ethyl propyl disulfide

Ethyl tert-pentyl ether
Ethylacetylene
Ethylamine
Ethylbenzene
Ethylcyclohexane
Ethylcyclopentane
Ethylene
Ethylene carbonate
Ethylene glycol
Ethylene oxide
Ethylenediamine
Fluoranthene
Fluorene
Fluorine
Formaldehyde
Furfural
Helium-4
Heptanal
Hexanal
Hydrogen
Hydrogen chloride
Hydrogen cyanide
Hydrogen iodide
Hydrogen sulfide
Indane
Indene
Iodobenzene
Isobutane
Isobutene
Isobutyl acetate
Isobutyl mercaptan
Isobutylbenzene
Isopentane
Isoprene
Isopropanol
Isopropyl acetate
Isopropyl butyl ether
Isopropylcyclopentane
Ketene
Krypton
M-cresol
M-cymene
M-dichlorobenzene
M-diethylbenzene
M-ethyltoluene
M-nitrotoluene
M-xylene
Maleic acid
Maleic anhydride
Mesitylene
Methacrylic acid
Methacrylonitrile
Methane
Methanol

Methyl acetate
Methyl chloride
Methyl DiEthanolAmine
Methyl Ethyl Carbonate
Methyl ethyl ether
Methyl ethyl ketone
Methyl ethyl sulfide
Methyl formate
Methyl iodide
Methyl isobutyl ether
Methyl isobutyl ketone
Methyl isopropyl ether
Methyl isopropyl ketone
Methyl mercaptan
Methyl methacrylate
Methyl n-propyl ether
Methyl n-propyl sulfide
Methyl Phenyl Carbonate
Methyl propionate
Methyl t-butyl sulfide
Methyl t-pentyl sulfide
Methyl tert-butyl ether
Methyl tert-pentyl ether
Methylacetylene
Methylal
Methylamine
Methylcyclohexane
Methylcyclopentane
Methylethanolamine
Monochlorobenzene
Monoethanolamine
N-aminoethyl ethanolamine
N-aminoethyl piperazine
N-butane
N-butyl acetate
N-butylbenzene
N-butylcyclohexane
N-butylcyclopentane
N-butyric acid
N-decane
N-docosane
N-dodecane
N-heneicosane
N-heptacosane
N-heptadecane
N-heptane
N-hexacosane
N-hexadecane
N-hexane
N-hexyl acetate
N-hexyl mercaptan
N-nonacosane
N-nonadecane
N-nonane

N-octacosane
N-octadecane
N-octane
N-pentacosane
N-pentadecane
N-pentane
N-pentyl acetate
N-propyl acetate
N-propyl formate
N-propyl mercaptan
N-propylbenzene
N-propylcyclohexane
N-propylcyclopentane
N-tetracosane
N-tetradecane
N-tricosane
N-tridecane
N-undecane
N,n-dimethylacetamide
N,n-dimethylformamide
Naphthalene
Neon
Neopentane
Nitric acid
Nitric oxide
Nitrobenzene
Nitroethane
Nitrogen
Nitrogen dioxide
Nitrogen tetroxide
Nitrogen trioxide
Nitromethane
Nitrous oxide
O-cresol
O-cymene
O-dichlorobenzene
O-diethylbenzene
O-ethyltoluene
O-nitrotoluene
O-toluic acid
O-xylene
Oxalic acid
Oxygen
Ozone
P-cresol
P-cymene
P-dichlorobenzene
P-diethylbenzene
P-diisopropylbenzene
P-ethyltoluene
P-nitrotoluene
P-phenylenediamine
P-toluic acid
P-xylene

Pentanal
Phenanthrene
Phenol
Phosgene
Phthalic acid
Piperazine
Propadiene
Propanal
Propane
Propionic acid
Propionitrile
Propylene
Propylene carbonate
Pyrene
Pyridine
Salicylic acid
Sec-butyl mercaptan
Sec-butylbenzene
Squalane
Styrene
Sulfolane
Sulfur dioxide
Sulfur hexafluoride
Sulfur trioxide
Terephthalic acid
Tert-butyl ethyl ether
Tert-butyl mercaptan
Tert-butylbenzene
Tert-butylcyclohexane
Tetraethylene glycol
Tetrahydrofuran
Thiophene
Toluene
Trans-1,2-dimethylcyclohexane
Trans-1,2-dimethylcyclopentane
Trans-1,3-dimethylcyclohexane
Trans-1,3-dimethylcyclopentane
Trans-1,4-dimethylcyclohexane
Trans-2-butene
Trans-2-hexene
Trans-2-pentene
Trans-decahydronaphthalene
Trichloroacetaldehyde
Trichloroacetyl chloride
Trichloroethylene
Triethanolamine
Triethylamine
Triethylene glycol
Trimethylamine
Vinyl acetate
Vinyl chloride
Vinylacetylene
Water
Xenon

CoolProp

1-Butene
CarbonDioxide
CarbonMonoxide
CarbonylSulfide
cis-2-Butene
CycloHexane
CycloPropane
D4
D5
D6
Deuterium
DimethylCarbonate
DimethylEther
EthylBenzene
HeavyWater
Helium
HFE143m
HydrogenSulfide
IsoButane
IsoButene
Isohexane
m-Xylene
MD2M
MD3M
MD4M
MDM
MethylLinoleate
MethylLinolenate
MethylOleate
MethylPalmitate
MethylStearate
MM
n-Butane
n-Decane
n-Dodecane
n-Heptane
n-Hexane
n-Nonane
n-Octane
n-Pentane
n-Propane
n-Undecane
NitrousOxide
o-Xylene
OrthoDeuterium
OrthoHydrogen
p-Xylene
ParaDeuterium
ParaHydrogen
Propyne

R11
R113
R114
R116
R12
R123
R1233zd(E)
R1234yf
R1234ze(E)
R1234ze(Z)
R124
R125
R13
R134a
R14
R141b
R142b
R143a
R152A
R161
R21
R218
R22
R227EA
R23
R236EA
R236FA
R245fa
R32
R365MFC
R404A
R407C
R41
R410A
R507A
RC318
SES36
SulfurDioxide
SulfurHexafluoride
trans-2-Butene

Electrolytes

Ammonium (1)
Ammonium (2)
Ammonium (ion)
Ammonium Bromide
Ammonium Chloride
Ammonium Iodide
Ammonium Nitrate
Ammonium Perchlorate
Ammonium Peroxydisulfate
Ammonium Sulfate

Bicarbonate (ion)
Bisulfide (ion)
Bromine (ion)
Carbamate (ion)
Carbonate (ion)
Cesium (ion)
Cesium Bromide
Cesium Chloride
Cesium Iodide
Cesium Nitrate
Cesium Perchlorate
Cesium Sulfate
Chloride (ion)
Glaserite
Hydron
Hydroxide
Iodine Ion
Lithium (ion)
Lithium Bromide
Lithium Chloride
Lithium Iodide
Lithium Nitrate
Lithium Perchlorate
Lithium Sulfate
Magnesium (ion)
Magnesium Bromide
Magnesium Chloride
Magnesium Iodide
Magnesium Nitrate
Magnesium Perchlorate
Magnesium Sulfate
Nitrate (ion)
Perchlorate (ion)
Potassium Bromide
Potassium Carbonate (1)
Potassium Carbonate (2)
Potassium Carbonate (3)
Potassium Carbonate (4)
Potassium Chloride
Potassium Hydrogen Carbonate
Potassium Iodide
Potassium Ion
Potassium Molybdate
Potassium Nitrate
Potassium Nitrate (1)
Potassium Perchlorate
Potassium Sulfate
Salt
Sodium (ion)
Sodium Bromide
Sodium Bromide Dihydrate
Sodium Carbonate (1)
Sodium Carbonate (2)
Sodium Carbonate (3)

Sodium Chloride
Sodium Chloride Dihydrate
Sodium Hydroxide
Sodium Iodide
Sodium Nitrate
Sodium Nitrate (1)
Sodium Perchlorate
Sodium Potassium Carbonate Hexahydrate
Sodium Sulfate
Sodium Sulfate (1)
Sodium Sulfate Decahydrate
Sulfate (ion)
Sulfide (ion)

DWSIM

1-decanol (DWSIM)
1-octanol (DWSIM)
1,2-propanediol (DWSIM)
3-methyl-1-butanol (DWSIM)

Biodiesel

Ethyl Linoleate (EtLi)
Ethyl Oleate (EtO)
Ethyl Palmitate (EtP)
Ethyl Stearate (EtS)
Palmitate-Linoleate-Palmitate (PLiP)
Palmitate-Oleate-Linoleate (POLi)
Palmitate-Oleate-Oleate (POO)
Palmitate-Oleate-Palmitate (POP)
Palmitate-Oleate-Stearate (POS)
Palmitic Acid
Sodium Palmitate
TriOlein (OOO)
TriPalmitin (PPP)