

cations
anions
alkyl (standard)
alkyl (in alcohols)
alkyl (in hydrophobic tails of alcohols)
alkyl (bonded to hydroxyl group)
alkenyl
aromatic hydrocarbon
hydroxyl
aromatic carbon-alcohol
ketone
aldehyde
ester
ether
carboxyl
hydroperoxide
peroxyacid
peroxide (organic)
peroxyacyl nitrate
organonitrate
aqueous carbon dioxide
water

[illegible]

	cation \leftrightarrow anion middle-range parameters available
~	cation \leftrightarrow anion param. available using analogy approach
	cation \leftrightarrow cation or anion \leftrightarrow anion no specific (0) interaction parameters
∅	cation \leftrightarrow cation or anion \leftrightarrow anion specific, non-zero interaction parameter
	same main groups ("ideal mixing") no specific interaction parameters
	org. main group X \leftrightarrow main group Y short-range parameters available
	ion \leftrightarrow org. main group middle-range parameters available
~	ion \leftrightarrow org. main group param. available using analogy approach
≈	ion \leftrightarrow org. main group param. available using regression analysis
	ion \leftrightarrow CO _{2(aq)} middle-range parameters available
~	ion \leftrightarrow CO _{2(aq)} param. available using analogy approach
≈	CO _{2(aq)} \leftrightarrow org. main group param. available using analogy approach
	water as the reference solvent for ions no direct interaction parameters
?	missing interaction parameters mixtures of these groups are not available