

Appendix C

PHYSICAL PROPERTIES OF ORGANIC COMPOUNDS

Appendix C contains the names, molecular formula, molar mass (M_i), density (ρ_i), melting point (T_m), boiling point (T_b), vapor pressure (p_i^*), aqueous solubility (C_{iw}^{sat}), air–water partition constant (K_{iaw}), octanol–water partition constant (K_{iow}), acidity constant (K_{ia} , where appropriate), and Abraham parameters of some environmentally relevant organic chemicals. Except for density (20°C), all data are given for 25°C. The data have been collected from various data compilations as cited in the bibliography accompanying the data.

Table C.1 Physicochemical Properties of Organic Compounds

Only available online at the book's companion website.

Table C.2 Abraham Parameters of Selected Cationic Organic Ammonium Compounds and Inorganic Ions

Only available online at the book's companion website.
