

69407.2 Physicochemical Properties

Physicochemical properties of chemicals that can inform chemical evaluation include but are not limited to: physical state; molecular weight; density; vapor pressure and saturated vapor pressure; melting point; boiling point; water solubility; lipid solubility; octanol-water partition coefficient, octanol-air partition coefficient, organic carbon partition coefficient; diffusivity in air and water; Henry's Law constant; sorption coefficient for soil and sediment; redox potential; photolysis rates; hydrolysis rates; dissociation constants; or reactivity including electrophilicity.