

Table 1: Relevant Molecular Properties of Atrazine

Properties	Value	Source
Molecular weight	215.69	HSDB (2012)
Water Solubility at 22 °C	34.7 mg/L	Ward & Weber (1968)
Methanol Solubility at 27 °C	18,000 mg/L	Zweig (1964)
Water half-life	578 days	EPA (2003)
Soil half-life	330 days	EPA (2003)
Henry's Law constant	2.6×10^{-9}	Riederer (1990)
Log K_{ow}	2.71	Brown & Flagg (1981)
pKa	1.68	Bailey et al. (1968)