$$LD_{50} = LC_{50} * Abs * CF * D * A$$

LD_{50} = Median lethal dose (mg/kg-bw)

LC_{50} = Median lethal concentration (mg/L)

Abs = 1, absoprtion is assumed to be 100%

CF = Conversion factor

D = Duration of inhalation study, usually 4 hours

A = Activity factor where the animal default is 1