

$$VID_{mammal} = \frac{C_S * IR_{mammal} * D}{1,000,000 * AW_{mammal}}$$

$C_S$  = Saturated air concentration from Equation 1

$IR_{mammal}$  = Inhalation rate of assessed mammal

$AW_{mammal}$  = Body weight of assessed mammal

$D$  = Duration of exposure

1,000,000 = Conversion factor