$RQ = \frac{X_n}{adjusted\ dermal\ LD_{50}}$ $X_n = \text{Avian or mammalian dermal dose}$ $Adjusted\ LD_{50} = \text{Avian adjusted dermal dose}$

Rat DTI = Ratio of oral to dermal mammalian toxicity

Avian LD50 = Avian oral LD50