$$C_{CH3OHe} \frac{3.813 \times 10^{-2} \times C_{CH3OHR} \times T_{EM}\left[\left(A_{S1} \times AV_{S1}\right) + \left(A_{S2} \times AV_{S2}\right)\right]}{A_{CH3OHR} \times P_B \times V_{EM}}$$