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STANLEY I. SANDLER is the H. B. du Pont Professor of Chemical Engineering at the University of Delaware as well as professor of chemistry and biochemistry. He is also ...

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$$P_{\text{vap}} = \exp\left(\frac{14.790}{T} - \frac{5763}{T^2}\right)$$
 and by the ideal gas law $f_{\text{Solutions}}$
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$$10^{-3} - (10^{-3} - x) = \frac{x}{106}$$
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