

## Errata Sheet

*Guidelines for Consequence Analysis of Chemical Releases*

American Institute of Chemical Engineers

New York, NY 1999

Original Edition published 1999

May 17, 2000

### Book

- Page 58 End of third paragraph from top of page. Reference citation should be "AICHE/CCPS, 1987b, 1991, 1995b" instead of "AICHE, 1987a, 1991, 1995b."
- Page 62 Middle of page. The italicized word *Evaporation* should be bold **Evaporation** to be consistent with other headings.
- Page 64 Equation (2.43).  $\mu$  (absolute viscosity) should be replaced by  $\nu$  (kinematic viscosity), in two places.
- Page 65 First line at top of page. Symbol  $\mu$  (absolute viscosity) should be replaced by symbol  $\nu$  (kinematic viscosity).
- Page 72 Data for Example 11. Kinematic viscosity is actually for pentane in air, rather than a physical property for air. Value should be listed under "Physical Properties of Liquid." Numerical answer in example is correct.
- Page 72 Calculation of Schmidt number at bottom of page. Symbol  $\mu$  (absolute viscosity) should be replaced by symbol  $\nu$  (kinematic viscosity). Numerical answer is correct.
- Page 80 Stability class under 3-4 m/s wind, plus nighttime conditions,  $\geq 3/8$  cloudiness, should be E instead of D.
- Page 152 Under available computer codes for integrated simulators, "DNV Technica, Temecula, CA" should be "DNV, Houston, TX", 2 places.
- Page 156 Figure 3.10. Duration time should be 32.4 msec, not 0.324. due to a units problem in the spreadsheet.
- Page 180 Calculation at bottom of page. Equal sign is missing after first parenthesis.
- Page 190 Middle of page. The exponent on the temperature units is missing in the Stefan-Boltzmann constant. The constant is  $1.71 \times 10^{-9} \text{ BTU/hr ft}^2 \text{ }^\circ\text{R}^4$ .
- Page 214 2<sup>nd</sup> paragraph under Pool Size, last sentence is missing a period.
- Page 215 First full sentence. The reference citation "Lees (1984)" should be "Lees (1994)."
- Page 287 Baker reference at top of page. The words *April 17-21, Atlanta, GA. New York: American Institute of Chemical Engineers* should not be italicized.
- Page 289 Reference to "Crocker, P. W." should be "Crocker, W. P."

### Spreadsheets

- Example 11: Figure 2.22: Kinematic viscosity is for pentane in air and should be listed under "Physical Properties of Liquid." Numerical answer is correct.
- Example 21a: Figure 3.10: Units on duration are incorrect, leading to a loss of a factor of 100. Cells H31 through H40 must be multiplied by 100.