Additions and Corrections from the 1999 Document Version

**Asbestos**

p. 2: Inhalation slope factor $[2.2 \times 10^2 (\text{mg/kg-day})^{-1}]$ added to the unit risk/cancer potency lookup table.
p. 73: Inhalation slope factor $[2.2 \times 10^2 (\text{mg/kg-day})^{-1}]$ added to the chemical summary text.
p. 589: Inhalation slope factor $[2.2 \times 10^2 (\text{mg/kg-day})^{-1}]$ added to the Appendix H lookup table.

**Bis(chloromethyl)ether**

p. 2: Unit risk/cancer potency lookup table corrected; slope factor changed from $4.6 \times 10^2 (\text{mg/kg-day})^{-1}$ to $4.6 \times 10^1 (\text{mg/kg-day})^{-1}$.
p. 134 (summary text), p. 590 (Appendix H lookup table): slope factor corrected from $4.6 \times 10^2 (\text{mg/kg-day})^{-1}$ to $4.6 \times 10^1 (\text{mg/kg-day})^{-1}$.

**1,6-Dinitropyrene**

p. 4: Unit risk/cancer potency lookup table corrected; CAS number changed from 4239-76-48 to 42397-64-8.

**1,8-Dinitropyrene**

p. 4: Unit risk/cancer potency lookup table corrected; CAS number changed from 4239-76-59 to 42397-65-9.

**Ethylene dichloride**

p. 4: Unit risk/cancer potency lookup table corrected; slope factor changed from $7.0 \times 10^{-2} (\text{mg/kg-day})^{-1}$ to $7.2 \times 10^{-2} (\text{mg/kg-day})^{-1}$, unit risk changed from $2.2 \times 10^{-5} (\mu\text{g/m}^3)^{-1}$ to $2.1 \times 10^{-5} (\mu\text{g/m}^3)^{-1}$.
p. 288, 291: Chemical summary text corrected; slope factor changed from $7.0 \times 10^{-2} (\text{mg/kg-day})^{-1}$ to $7.2 \times 10^{-2} (\text{mg/kg-day})^{-1}$, unit risk changed from $2.2 \times 10^{-5} (\mu\text{g/m}^3)^{-1}$ to $2.1 \times 10^{-5} (\mu\text{g/m}^3)^{-1}$.
p. 585: Appendix F lookup table corrected; unit risk changed from $2.2 \times 10^{-5} (\mu\text{g/m}^3)^{-1}$ to $2.1 \times 10^{-5} (\mu\text{g/m}^3)^{-1}$.
p. 592: Appendix H lookup table corrected; slope factor changed from $7.0 \times 10^{-2} (\text{mg/kg-day})^{-1}$ to $7.2 \times 10^{-2} (\text{mg/kg-day})^{-1}$, unit risk changed from $2.2 \times 10^{-5} (\mu\text{g/m}^3)^{-1}$ to $2.1 \times 10^{-5} (\mu\text{g/m}^3)^{-1}$.

**Methylene chloride**

p. 5: (inhalation) removed from column 1 of unit risk/cancer potency lookup table.
p. 593: (inhalation) removed from column 1 of Appendix H lookup table; row containing oral slope factor removed (to reflect absence of oral slope factor in lookup table).

**Methyl tert-butyl ether**

p. 5: Added unit risk and slope factor to unit risk/cancer potency lookup table.
p. 346: Added chemical-specific information summary.
p. 592: Added exposure route, study type, unit risk and slope factor information to Appendix H
lookup table.

**N-Nitrosodi-n-butylamine**
p. 5: Unit risk/cancer potency lookup table corrected; name changed from N-Nitroso-n-
dibutylamine.
p. 583: Appendix E lookup table; name changed from N-Nitroso-n-dibutylamine.
p. 585: Appendix F lookup table; name changed from N-Nitroso-n-dibutylamine.
p. 593: Appendix H lookup table; name changed from N-Nitroso-n-dibutylamine.

**N-Nitroso-N-methylethylamine**
p. 5: Unit risk/cancer potency lookup table corrected; slope factor changed from
3.7 E+0 (mg/kg-day)$^{-1}$ to 2.2 E+1 (mg/kg-day)$^{-1}$.
p. 390: slope factor changed from 3.7 E+0 (mg/kg-day)$^{-1}$ to 2.2 E+1 (mg/kg-day)$^{-1}$.
p. 593: Appendix H lookup table slope factor changed from 3.7 E+0 (mg/kg-day)$^{-1}$ to
2.2 E+1 (mg/kg-day)$^{-1}$.

**Particulate Matter from Diesel-fueled Engines**
Unit risk/cancer potency lookup table footnotes corrected: upper end of unit risk range changed
from 1.5 E-3 (µg/m$^3$)$^{-1}$ to 2.4 E-3 (µg/m$^3$)$^{-1}$.
p. 428: Unit risk range changed in Section II: Health Assessment Values of the chemical-
specific information summary from 1.5 E-3 (µg/m$^3$)$^{-1}$ to 2.4 E-3 (µg/m$^3$)$^{-1}$.
p. 592: Added a row for “diesel exhaust” to Appendix H lookup table, including appropriate
footnote additions.

**Perchloroethylene**
p. 479: unit risk factor in chemical-specific information summary text corrected from 5.6 E-6
(µg/m$^3$)$^{-1}$ to 5.9 E-6 (µg/m$^3$)$^{-1}$.

**Polychlorinated biphenyls (PCBs)**
p. 5: Unit risk and slope factor for “low risk” PCBs added (documentation was included in
erlier version but values had been omitted).
p. 486: Unit risk for “low risk” PCBs added.
p. 490: An inhalation unit risk factor for “low risk” PCBs and a description of cases when use of
the “low risk” inhalation unit risk factor would be appropriate based on the original U.S. EPA
documentation was added to Section IV: Derivation of Cancer Potency (Methodology) of the
chemical-specific information summary for PCBs.
p. 594: An inhalation unit risk factor for “low risk” PCBs was added to the Appendix H lookup
table.
Thioacetamide
p. 6: Unit risk/cancer potency lookup table corrected; slope factor changed from 6.1 E+1 (mg/kg-day)^-1 to 6.1 E+0 (mg/kg-day)^-1.
p. 511: slope factor in summary text changed from 6.1 E+1 (mg/kg-day)^-1 to 6.1 E+0 (mg/kg-day)^-1.
p. 594: Appendix H lookup table slope factor changed from 6.1 E+1 (mg/kg-day)^-1 to 6.1 E+0 (mg/kg-day)^-1.

1,1,2-Trichloroethane
p. 519: Cancer slope factor of 5.7 E-2 (mg/kg-day)^-1 added to Section II: Health Assessment Values portion of chemical-specific information summary text; cancer unit risk factor corrected from 2.1 E-5 (µg/m^3)^-1 to 1.6 E-5 (µg/m^3)^-1.
p. 521: slope factor in chemical-specific information summary text corrected from 1.7 E+1 (mg/kg-day)^-1 to 5.7 E-2 (mg/kg-day)^-1.

Trichloroethylene
p. 6: Unit risk/cancer potency lookup table corrected; slope factor changed from 1.0 E-2 (mg/kg-day)^-1 to 7.0 E-3 (mg/kg-day)^-1.
p. 522: slope factor in chemical-specific information summary text changed from 1.0 E-2 (mg/kg-day)^-1 to 7.0 E-3 (mg/kg-day)^-1.
p. 594: Appendix H lookup table slope factor changed from 1.0 E-2 (mg/kg-day)^-1 to 7.0 E-3 (mg/kg-day)^-1.

Additions and Corrections from the 2002 Document Version

Preface
p. i: Updated listed carcinogen count from 121 to 122, described adoption of WHO97 Toxicity Equivalence Factors (TEFs) for chlorinated dibenzo-p-dioxins, chlorinated dibenzofurans and PCB congeners.

Introduction
p.1: Document reorganization described, including movement of Unit Risk and Cancer Potency Values table into Appendix A, Chemical-Specific Information Summaries into Appendix B, and renumbering of all other Appendices.

Chlorinated Dibenzo-p-dioxins
Chlorinated Dibenzofurans
p. A-1, A-2: Unit risk/cancer potency lookup table changed to reflect adoption of WHO97 Toxicity Equivalence Factors (TEFs) and change of IARC classification to Class 1.
p. B-144: Chemical summary changed to reflect adoption of WHO97 Toxicity Equivalence Factors (TEFs).
p. C-1: Appendix C changed to reflect adoption of WHO97 Toxicity Equivalence Factors (TEFs).

Naphthalene
p. 651: Entry for naphthalene added to Appendix J.

**Polychlorinated biphenyls**
p. A-5: PCB unit risk and slope factors based on TCDD/WHO-TEFs added for use where measurements or estimates are available for PCB congeners.
p. B-484: Chemical summary changed to reflect adoption of WHO\textsubscript{97} Toxicity Equivalence Factors (TEFs) for PCB congeners.

### Additions and Corrections from the 2005 Document Version

**Title Page**

**Executive Summary**
p. i: Added an executive summary section describing the purpose and contents of the TSD, with an emphasis on highlighting new additions.

**Preface**
p. 3: Added a brief description of the use of age-specific weighting factors in calculating cancer risks from exposures of infants, children and adolescents, to reflect their anticipated special sensitivity to carcinogens.

**Selection of Cancer Potency Values**
p. 8: The description of how cancer potency values were selected for the TSD was updated.

**Cancer Risk Assessment Methodologies**
p. 9: The description of OEHHA cancer risk assessment methodologies was updated to include 1) a Hazard Identification section; 2) a Dose Response Assessment section; 3) a description of the application of the benchmark dose approach to cancer risk assessment; 4) the use of early-lifestage cancer potency adjustments.

**Benzene**

**Ethylbenzene**
p. J-4: Entry for ethylbenzene added to Appendix J.
Appendices

Appendix G, H
Removed from the TSD; all following Appendices renumbered.

Appendix I

Appendix J