TECHNICAL SUPPORT DOCUMENT FOR DESCRIBING AVAILABLE CANCER POTENCY FACTORS

APPENDIX I

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

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/m³)^{-1} to 2.4 E-3 (µg/m³)^{-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/m³)^{-1} to 2.4 E-3 (µg/m³)^{-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/m³)^{-1} to 5.9 E-6 (µg/m³)^{-1}.

**Polychlorinated biphenyls (PCBs)**
p. 5: Unit risk and slope factor for “low risk” PCBs added (documentation was included in earlier 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)\(^{-1}\).