

## Chapter NR 666

## APPENDIX V

RISK SPECIFIC DOSES (10<sup>-5</sup>)

| Constituent                  | CAS No.   | Unit risk<br>(m <sup>3</sup> /ug) | RsD (ug/m <sup>3</sup> ) |
|------------------------------|-----------|-----------------------------------|--------------------------|
| Acrylamide                   | 79-06-1   | 1.3E-03                           | 7.7E-03                  |
| Acrylonitrile                | 107-13-1  | 6.8E-05                           | 1.5E-01                  |
| Aldrin                       | 309-00-2  | 4.9E-03                           | 2.0E-03                  |
| Aniline                      | 62-53-3   | 7.4E-06                           | 1.4E+00                  |
| Arsenic                      | 7440-38-2 | 4.3E-03                           | 2.3E-03                  |
| Benz(a)anthracene            | 56-55-3   | 8.9E-04                           | 1.1E-02                  |
| Benzene                      | 71-43-2   | 8.3E-06                           | 1.2E+00                  |
| Benzidine                    | 92-87-5   | 6.7E-02                           | 1.5E-04                  |
| Benzo(a)pyrene               | 50-32-8   | 3.3E-03                           | 3.0E-03                  |
| Beryllium                    | 7440-41-7 | 2.4E-03                           | 4.2E-03                  |
| Bis(2-chloroethyl)ether      | 111-44-4  | 3.3E-04                           | 3.0E-02                  |
| Bis(chloromethyl)ether       | 542-88-1  | 6.2E-02                           | 1.6E-04                  |
| Bis(2-ethylhexyl)-phthalate  | 117-81-7  | 2.4E-07                           | 4.2E+01                  |
| 1,3-Butadiene                | 106-99-0  | 2.8E-04                           | 3.6E-02                  |
| Cadmium                      | 7440-43-9 | 1.8E-03                           | 5.6E-03                  |
| Carbon Tetrachloride         | 56-23-5   | 1.5E-05                           | 6.7E-01                  |
| Chlordane                    | 57-74-9   | 3.7E-04                           | 2.7E-02                  |
| Chloroform                   | 67-66-3   | 2.3E-05                           | 4.3E-01                  |
| Chloromethane                | 74-87-3   | 3.6E-06                           | 2.8E+00                  |
| Chromium VI                  | 7440-47-3 | 1.2E-02                           | 8.3E-04                  |
| DDT                          | 50-29-3   | 9.7E-05                           | 1.0E-01                  |
| Dibenz(a,h)anthracene        | 53-70-3   | 1.4E-02                           | 7.1E-04                  |
| 1,2-Dibromo-3-chloropropane  | 96-12-8   | 6.3E-03                           | 1.6E-03                  |
| 1,2-Dibromoethane            | 106-93-4  | 2.2E-04                           | 4.5E-02                  |
| 1,1-Dichloroethane           | 75-34-3   | 2.6E-05                           | 3.8E-01                  |
| 1,2-Dichloroethane           | 107-06-2  | 2.6E-05                           | 3.8E-01                  |
| 1,1-Dichloroethylene         | 75-35-4   | 5.0E-05                           | 2.0E-01                  |
| 1,3-Dichloropropene          | 542-75-6  | 3.5E-01                           | 2.9E-05                  |
| Dieldrin                     | 60-57-1   | 4.6E-03                           | 2.2E-03                  |
| Diethylstilbestrol           | 56-53-1   | 1.4E-01                           | 7.1E-05                  |
| Dimethylnitrosamine          | 62-75-9   | 1.4E-02                           | 7.1E-04                  |
| 2,4-Dinitrotoluene           | 121-14-2  | 8.8E-05                           | 1.1E-01                  |
| 1,2-Diphenylhydrazine        | 122-66-7  | 2.2E-04                           | 4.5E-02                  |
| 1,4-Dioxane                  | 123-91-1  | 1.4E-06                           | 7.1E+00                  |
| Epichlorohydrin              | 106-89-8  | 1.2E-06                           | 8.3E+00                  |
| Ethylene Oxide               | 75-21-8   | 1.0E-04                           | 1.0E-01                  |
| Ethylene Dibromide           | 106-93-4  | 2.2E-04                           | 4.5E-02                  |
| Formaldehyde                 | 50-00-0   | 1.3E-05                           | 7.7E-01                  |
| Heptachlor                   | 76-44-8   | 1.3E-03                           | 7.7E-03                  |
| Heptachlor Epoxide           | 1024-57-3 | 2.6E-03                           | 3.8E-03                  |
| Hexachlorobenzene            | 118-74-1  | 4.9E-04                           | 2.0E-02                  |
| Hexachlorobutadiene          | 87-68-3   | 2.0E-05                           | 5.0E-01                  |
| Alpha-hexachloro-cyclohexane | 319-84-6  | 1.8E-03                           | 5.6E-03                  |

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|---|------------|-----------------------------------|--------------------------|
| Beta-hexachloro-cyclohexane             | 319-85-7   | 5.3E-04                           | 1.9E-02                  |
| Gamma-hexachloro-cyclohexane            | 58-89-9    | 3.8E-04                           | 2.6E-02                  |
| Hexachlorocyclo-hexane, Technical       |            | 5.1E-04                           | 2.0E-02                  |
| Hexachlorodibenxo-p-dioxin(1,2 Mixture) |            | 1.3E+0                            | 7.7E-06                  |
| Hexachloroethane                        | 67-72-1    | 4.0E-06                           | 2.5E+00                  |
| Hydrazine                               | 302-01-2   | 2.9E-03                           | 3.4E-03                  |
| Hydrazine Sulfate                       | 302-01-2   | 2.9E-03                           | 3.4E-03                  |
| 3-Methylcholanthrene                    | 56-49-5    | 2.7E-03                           | 3.7E-03                  |
| Methyl Hydrazine                        | 60-34-4    | 3.1E-04                           | 3.2E-02                  |
| Methylene Chloride                      | 75-09-2    | 4.1E-06                           | 2.4E+00                  |
| 4,4'-Methylene-bis-2-chloroaniline      | 101-14-4   | 4.7E-05                           | 2.1E-01                  |
| Nickel                                  | 7440-02-0  | 2.4E-04                           | 4.2E-02                  |
| Nickel Refinery Dust                    | 7440-02-0  | 2.4E-04                           | 4.2E-02                  |
| Nickel Subsulfide                       | 12035-72-2 | 4.8E-04                           | 2.1E-02                  |
| 2-Nitropropane                          | 79-46-9    | 2.7E-02                           | 3.7E-04                  |
| N-Nitroso-n-butylamine                  | 924-16-3   | 1.6E-03                           | 6.3E-03                  |
| N-Nitroso-n-methylurea                  | 684-93-5   | 8.6E-02                           | 1.2E-04                  |
| N-Nitrosodiethylamine                   | 55-18-5    | 4.3E-02                           | 2.3E-04                  |
| N-Nitrosopyrrolidine                    | 930-55-2   | 6.1E-04                           | 1.6E-02                  |
| Pentachloronitrobenzene                 | 82-68-8    | 7.3E-05                           | 1.4E-01                  |
| PCBs                                    | 1336-36-3  | 1.2E-03                           | 8.3E-03                  |
| Pronamide                               | 23950-58-5 | 4.6E-06                           | 2.2E+00                  |
| Reserpine                               | 50-55-5    | 3.0E-03                           | 3.3E-03                  |
| 2,3,7,8-Tetrachloro-dibenzo-p-dioxin    | 1746-01-6  | 4.5E+01                           | 2.2E-07                  |
| 1,1,2,2-Tetrachloroethane               | 79-34-5    | 5.8E-05                           | 1.7E-01                  |
| Tetrachloroethylene                     | 127-18-4   | 4.8E-07                           | 2.1E+01                  |
| Thiourea                                | 62-56-6    | 5.5E-04                           | 1.8E-02                  |
| 1,1,2-Trichloroethane                   | 79-00-5    | 1.6E-05                           | 6.3E-01                  |
| Trichloroethylene                       | 79-01-6    | 1.3E-06                           | 7.7E+00                  |
| 2,4,6-Trichlorophenol                   | 88-06-2    | 5.7E-06                           | 1.8E+00                  |
| Toxaphene                               | 8001-35-2  | 3.2E-04                           | 3.1E-02                  |
| Vinyl Chloride                          | 75-01-4    | 7.1E-06                           | 1.4E+00                  |