



| Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide) |                  |                                         |                  |                              |                  |                                         |                  |           |                          |                          |                         |       |             |                                         |                                       |                               |                            |                                |                                  |                            |                         |                             |                                  |         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------------|------------------|------------------------------|------------------|-----------------------------------------|------------------|-----------|--------------------------|--------------------------|-------------------------|-------|-------------|-----------------------------------------|---------------------------------------|-------------------------------|----------------------------|--------------------------------|----------------------------------|----------------------------|-------------------------|-----------------------------|----------------------------------|---------|
| Toxicity and Chemical-specific Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  |                                         |                  |                              |                  |                                         |                  |           |                          |                          |                         |       | Contaminant |                                         | Carcinogenic Target Risk (TR) = 1E-06 |                               |                            |                                | Noncancer Hazard Index (HI) = 1  |                            |                         |                             |                                  |         |
| SFO (mg/kg-day) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | k <sub>e</sub> y | IUR (ug/m <sup>3</sup> -d) <sup>1</sup> | k <sub>e</sub> y | RfD <sub>c</sub> (mg/kg-day) | k <sub>e</sub> y | RfC <sub>c</sub> (mg/m <sup>3</sup> -d) | k <sub>e</sub> y | muta- gen | C <sub>sat</sub> (mg/kg) | PEF (m <sup>3</sup> /kg) | VF (m <sup>3</sup> /kg) | GIABS | ABS         | Analyte                                 | CAS No.                               | Ingestion SL TR=1E-06 (mg/kg) | Dermal SL TR=1E-06 (mg/kg) | Inhalation SL TR=1E-06 (mg/kg) | Carcinogenic SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Dermal SL THQ=1 (mg/kg) | Inhalation SL THQ=1 (mg/kg) | Noncarcinogenic SL TH1=1 (mg/kg) |         |
| 6.2E-02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | I                | 3.7E-05                                 | C                | 2.0E-02                      | I                | 4.0E-02                                 | X V              |           | 4.0E+03                  | 1.4E+09                  | 3.6E+03                 | 1     |             | Bromochloromethane                      | 74-97-5                               | 5.3E+01                       |                            | 1.3E+00                        | 1.3E+00                          | 2.3E+04                    |                         |                             | 6.3E+02                          | 6.3E+02 |
| 7.9E-03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | I                | 1.1E-06                                 | I                | 2.0E-02                      | I                | 9.2E+02                                 | I V              |           | 9.2E+02                  | 1.4E+09                  | 9.7E+03                 | 1     |             | Bromodichloromethane                    | 75-27-4                               | 4.1E+02                       |                            | 1.1E+02                        | 8.6E+01                          | 2.3E+04                    |                         |                             | 2.3E+04                          | 2.3E+04 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 1.4E-03                      | I V              | 5.0E-03                                 | I V              |           | 3.6E+03                  | 1.4E+09                  | 1.4E+03                 | 1     |             | Bromofom                                | 75-25-2                               |                               |                            |                                |                                  | 1.6E+03                    |                         |                             | 3.1E+01                          | 2.3E+04 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 5.0E-03                      | H                |                                         | V                |           | 1.4E+09                  | 1.2E+05                  | 1                       |       |             | Bromomethane                            | 74-83-9                               |                               |                            |                                |                                  | 5.8E+03                    |                         |                             |                                  | 3.0E+01 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  |                              |                  |                                         |                  |           |                          |                          |                         |       |             | Bromophos                               | 2104-96-3                             |                               |                            |                                |                                  |                            |                         |                             |                                  | 5.8E+03 |
| 1.0E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | O                |                                         |                  | 1.5E-02                      | O                |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Bromoxynil                              | 1689-84-5                             | 3.2E+01                       | 7.5E+01                    |                                | 2.2E+01                          | 1.8E+04                    |                         |                             | 4.1E+04                          | 1.2E+04 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 1.5E-02                      | O                |                                         | V                |           |                          | 1.4E+09                  | 4.7E+05                 | 1     |             | Bromoxynil Octanoate                    | 1689-99-2                             |                               |                            |                                |                                  | 1.8E+04                    |                         |                             |                                  | 1.8E+04 |
| 3.4E+00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | C                | 3.0E-05                                 | I                |                              |                  | 2.0E-03                                 | I V              |           | 6.7E+02                  | 1.4E+09                  | 8.7E+02                 | 1     |             | Butadiene, 1,3-                         | 106-99-0                              | 9.6E-01                       |                            | 3.5E-01                        | 2.6E-01                          |                            |                         | 7.6E+00                     | 7.6E+00                          |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 3.0E-02                      | O                |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Butanoic acid, 4-(2,4-dichlorophenoxy)- | 94-82-6                               |                               |                            |                                |                                  | 3.5E+04                    |                         |                             | 8.3E+04                          | 2.5E+04 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 1.0E-01                      | I                |                                         | V                |           | 7.6E+03                  | 1.4E+09                  | 3.0E+04                 | 1     |             | Butanol, N-                             | 71-36-3                               |                               |                            |                                |                                  | 1.2E+05                    |                         |                             |                                  | 1.2E+05 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 2.0E+00                      | P                | 3.0E+01                                 | P V              |           | 2.1E+04                  | 1.4E+09                  | 2.9E+04                 | 1     |             | Butyl alcohol, sec-                     | 78-92-2                               |                               |                            |                                |                                  | 2.3E+06                    |                         |                             | 3.8E+06                          | 1.5E+06 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 5.0E-02                      | I                |                                         | V                |           |                          | 1.4E+09                  | 8.6E+04                 | 1     |             | Butylate                                | 2008-41-5                             |                               |                            |                                |                                  | 5.8E+04                    |                         |                             |                                  | 5.8E+04 |
| 2.0E-04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | C                | 5.7E-08                                 | C                |                              |                  |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Butylated hydroxyanisole                | 25013-16-5                            | 1.6E+04                       | 3.9E+04                    | 2.9E+08                        | 1.1E+04                          |                            |                         |                             |                                  |         |
| 3.6E-03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | P                |                                         |                  | 3.0E-01                      | P                |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Butylated hydroxytoluene                | 128-37-0                              | 9.1E+02                       | 2.1E+03                    |                                | 6.4E+02                          | 3.5E+05                    |                         |                             | 8.3E+05                          | 2.5E+05 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 5.0E-02                      | P                |                                         | V                |           | 1.1E+02                  | 1.4E+09                  | 8.1E+03                 | 1     |             | Butylbenzene, n-                        | 104-51-8                              |                               |                            |                                |                                  | 5.8E+04                    |                         |                             |                                  | 5.8E+04 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 1.0E-01                      | X                |                                         | V                |           | 1.5E+02                  | 1.4E+09                  | 7.4E+03                 | 1     |             | Butylbenzene, sec-                      | 135-98-8                              |                               |                            |                                |                                  | 1.2E+05                    |                         |                             |                                  | 1.2E+05 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 1.0E-01                      | X                |                                         | V                |           | 1.8E+02                  | 1.4E+09                  | 7.4E+03                 | 1     |             | Butylbenzene, tert-                     | 98-06-6                               |                               |                            |                                |                                  | 1.2E+05                    |                         |                             |                                  | 1.2E+05 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 2.0E-02                      | A                |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Cacodylic Acid                          | 75-60-5                               |                               |                            |                                |                                  | 2.3E+04                    |                         |                             | 5.5E+04                          | 1.6E+04 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1.8E-03          | I                                       |                  | 1.0E-03                      | I                | 1.0E-05                                 | A                |           |                          | 1.4E+09                  |                         | 0.025 | 0.001       | Cadmium (Diet)                          | 7440-43-9                             |                               |                            |                                | 9.3E+03                          | 9.3E+03                    |                         |                             |                                  | 1.2E+03 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1.8E-03          | I                                       |                  | 5.0E-04                      | I                | 1.0E-05                                 | A                |           |                          | 1.4E+09                  |                         | 0.05  | 0.001       | Cadmium (Water)                         | 7440-43-9                             |                               |                            |                                |                                  |                            |                         |                             | 6.9E+03                          | 6.0E+04 |
| 5.0E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | C                | 1.5E-01                                 | C                | 2.0E-02                      | C                | 2.0E-04                                 | C M              |           |                          | 1.4E+09                  |                         | 0.025 |             | Calcium Chromate                        | 13765-19-0                            | 6.5E+00                       |                            | 1.1E+02                        | 6.2E+00                          | 2.3E+04                    |                         |                             | 1.2E+06                          | 2.3E+04 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 5.0E-01                      | I                | 2.2E-03                                 | C                |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Caprolactam                             | 105-60-2                              |                               |                            |                                |                                  | 5.8E+05                    |                         |                             | 1.4E+06                          | 4.0E+05 |
| 1.5E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | C                | 4.3E-05                                 | C                | 2.0E-03                      | I                |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Captafol                                | 2425-06-1                             | 2.2E+01                       | 5.2E+01                    | 3.9E+05                        | 1.5E+01                          | 2.3E+03                    |                         |                             | 5.5E+03                          | 1.6E+03 |
| 2.3E-03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | C                | 6.6E-07                                 | C                | 1.3E-01                      | I                |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Captan                                  | 133-06-2                              | 1.4E+03                       | 3.4E+03                    | 2.5E+07                        | 1.0E+03                          | 1.5E+05                    |                         |                             | 3.6E+05                          | 1.1E+05 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 1.0E-01                      | I                |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Carbaryl                                | 63-25-2                               |                               |                            |                                |                                  | 1.2E+05                    |                         |                             | 2.8E+05                          | 8.2E+04 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 5.0E-03                      | I                |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Carbofuran                              | 1563-66-2                             |                               |                            |                                |                                  | 5.8E+03                    |                         |                             | 1.4E+04                          | 4.1E+03 |
| 7.0E-02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | I                | 6.0E-06                                 | I                | 1.0E-01                      | I                | 7.0E-01                                 | I V              |           | 7.4E+02                  | 1.4E+09                  | 1.2E+03                 | 1     |             | Carbon Disulfide                        | 75-15-0                               |                               |                            |                                |                                  | 1.2E+05                    |                         |                             |                                  | 3.5E+03 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 4.0E-03                      | I                | 1.0E-01                                 | I V              |           | 4.6E+02                  | 1.4E+09                  | 1.5E+03                 | 1     |             | Carbon Tetrachloride                    | 56-23-5                               | 4.7E+01                       |                            | 3.1E+00                        | 2.9E+00                          | 4.7E+03                    |                         |                             | 6.5E+02                          | 5.7E+02 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 1.0E-02                      | I                |                                         | P V              |           | 5.9E+03                  | 1.4E+09                  | 6.5E+02                 | 1     |             | Carbonyl Sulfide                        | 463-58-1                              |                               |                            |                                |                                  |                            |                         |                             | 2.8E+02                          | 2.8E+02 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 1.0E-02                      | I                |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Carbosulfan                             | 55285-14-8                            |                               |                            |                                |                                  | 1.2E+04                    |                         |                             | 2.8E+04                          | 8.2E+03 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 1.0E-01                      | I                |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Carboxin                                | 5234-68-4                             |                               |                            |                                |                                  | 1.2E+05                    |                         |                             | 2.8E+05                          | 8.2E+04 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 9.0E-04                      | I                |                                         |                  |           |                          | 1.4E+09                  |                         | 1     |             | Ceric oxide                             | 1306-38-3                             |                               |                            |                                |                                  |                            |                         |                             | 5.4E+06                          | 5.4E+06 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 1.0E-01                      | I                |                                         | V                |           |                          | 1.4E+09                  | 1.5E+05                 | 1     |             | Chloral Hydrate                         | 302-17-0                              |                               |                            |                                |                                  | 1.2E+05                    |                         |                             |                                  | 1.2E+05 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 1.5E-02                      | I                |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Chloranben                              | 133-90-4                              |                               |                            |                                |                                  | 1.8E+04                    |                         |                             | 4.1E+04                          | 1.2E+04 |
| 4.0E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | H                |                                         |                  |                              |                  |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Chloranil                               | 118-75-2                              | 8.1E+00                       | 1.9E+01                    |                                | 5.7E+00                          |                            |                         |                             |                                  |         |
| 3.5E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | I                | 1.0E-04                                 | I                | 5.0E-04                      | I                | 7.0E-04                                 | I V              |           |                          | 1.4E+09                  | 1.5E+06                 | 1     | 0.04        | Chlordane                               | 12789-03-6                            | 9.3E+00                       | 5.5E+01                    | 1.9E+02                        | 7.7E+00                          | 5.8E+02                    |                         |                             | 3.4E+03                          | 4.7E+03 |
| 1.0E+01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | I                | 4.6E-03                                 | C                | 3.0E-04                      | I                |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Chlordecone (Kepone)                    | 143-50-0                              | 3.3E-01                       | 7.7E-01                    | 3.6E+03                        | 2.3E-01                          | 3.5E+02                    |                         |                             | 8.3E+02                          | 2.5E+02 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 7.0E-04                      | A                |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Chlorfenvinphos                         | 470-90-6                              |                               |                            |                                |                                  | 8.2E+02                    |                         |                             | 1.9E+03                          | 5.7E+02 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 9.0E-02                      | O                |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Chlorimuron, Ethyl-                     | 90982-32-4                            |                               |                            |                                |                                  | 1.1E+05                    |                         |                             | 2.5E+05                          | 7.4E+04 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 1.0E-01                      | I                | 1.5E-04                                 | A V              | 2.8E+03   | 1.4E+09                  | 1.2E+03                  | 1                       |       |             | Chlorine                                | 7782-50-5                             |                               |                            |                                |                                  | 1.2E+05                    |                         |                             |                                  | 7.8E-01 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 3.0E-02                      | I                | 2.0E-04                                 | I V              |           |                          | 1.4E+09                  |                         | 1     |             | Chlorine Dioxide                        | 10049-04-4                            |                               |                            |                                |                                  | 3.5E+04                    |                         |                             | 1.2E+06                          | 3.4E+04 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 3.0E-02                      | I                |                                         |                  |           |                          | 1.4E+09                  |                         | 1     |             | Chlorite (Sodium Salt)                  | 7758-19-2                             |                               |                            |                                |                                  | 3.5E+04                    |                         |                             |                                  | 3.5E+04 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 5.0E+01                      | I V              |                                         |                  | 1.2E+03   | 1.4E+09                  | 1.0E+03                  | 1                       |       |             | Chloro-1,1-difluoroethane, 1-           | 75-68-3                               |                               |                            |                                |                                  |                            |                         |                             | 2.3E+05                          | 2.3E+05 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 2.0E-02                      | I V              | 7.9E+02                                 | I V              |           |                          | 1.4E+09                  | 1.1E+03                 | 1     |             | Chloro-1,3-butadiene, 2-                | 126-99-8                              |                               |                            | 4.4E-02                        | 4.4E-02                          | 2.3E+04                    |                         |                             | 9.4E+01                          | 9.4E+01 |
| 4.6E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | H                |                                         |                  |                              |                  |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Chloro-2-methylaniline HCl, 4-          | 3165-93-3                             | 7.1E+00                       | 1.7E+01                    |                                | 5.0E+00                          | 3.5E+03                    |                         |                             | 8.3E+03                          | 2.5E+03 |
| 1.0E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | P                | 7.7E-05                                 | C                | 3.0E-03                      | X                |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Chloro-2-methylaniline, 4-              | 95-69-2                               | 3.3E+01                       | 7.7E+01                    | 2.2E+05                        | 2.3E+01                          | 3.5E+03                    |                         |                             |                                  |         |
| 2.7E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | X                |                                         |                  |                              |                  |                                         | V                | 1.2E+04   | 1.4E+09                  | 1.6E+04                  | 1                       |       |             | Chloroacetaldehyde, 2-                  | 107-20-0                              | 1.2E+01                       |                            |                                | 1.2E+01                          |                            |                         |                             |                                  |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  |                              |                  |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Chloroacetic Acid                       | 79-11-8                               |                               |                            |                                |                                  |                            |                         |                             |                                  |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 3.0E-05                      | I                |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Chloroacetophenone, 2-                  | 532-27-4                              |                               |                            |                                |                                  |                            |                         |                             |                                  |         |
| 2.0E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | P                |                                         |                  | 4.0E-03                      | I                |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Chloroaniline, p-                       | 106-47-8                              | 1.6E+01                       | 3.9E+01                    |                                | 1.1E+01                          | 4.7E+03                    |                         |                             | 1.1E+04                          | 1.8E+05 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 2.0E-02                      | I                | 5.0E-02                                 | P V              | 7.6E+02   | 1.4E+09                  | 6.5E+03                  | 1                       |       |             | Chlorobenzene                           | 108-90-7                              |                               |                            |                                |                                  | 2.3E+04                    |                         |                             |                                  | 1.4E+03 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                                         |                  | 1.0E-01                      | X                |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Chlorobenzene sulfonic acid, p-         | 98-66-8                               |                               |                            |                                |                                  | 1.2E+05                    |                         |                             | 2.8E+05                          | 8.2E+04 |
| 1.1E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | C                | 3.1E-05                                 | C                | 2.0E-02                      | I                |                                         |                  |           |                          | 1.4E+09                  |                         | 1     | 0.1         | Chlorobenzilate                         | 510-15-6                              | 3.0E+01                       | 7.0E+01                    | 5.4E+05                        | 2.1E+01                          | 2.3E+04                    |                         |                             | 5.5E+04                          |         |



| Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide) |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      |                                                      |                 |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------------|--------------------|------------------------------|--------------------|---------------------------------------|--------------------|-----------|--------------------------|--------------------------|-------------------------|---------|------|------------------------------------------------------|-----------------|-------------------------------|----------------------------|---------------------------------------|----------------------------------|----------------------------|-------------------------|---------------------------------|----------------------------------|--|--|--|--|
| Toxicity and Chemical-specific Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Contaminant                                          |                 |                               |                            | Carcinogenic Target Risk (TR) = 1E-06 |                                  |                            |                         | Noncancer Hazard Index (HI) = 1 |                                  |  |  |  |  |
| SFO (mg/kg-day) <sup>a</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | K <sub>e</sub> (y) | IUR (ug/m <sup>3</sup> -d) | K <sub>e</sub> (y) | RfD <sub>s</sub> (mg/kg-day) | K <sub>e</sub> (y) | RfC <sub>s</sub> (mg/m <sup>3</sup> ) | K <sub>e</sub> (y) | muta- gen | C <sub>sat</sub> (mg/kg) | PEF (m <sup>3</sup> /kg) | VF (m <sup>3</sup> /kg) | GIABS   | ABS  | Analyte                                              | CAS No.         | Ingestion SL TR=1E-06 (mg/kg) | Dermal SL TR=1E-06 (mg/kg) | Inhalation SL TR=1E-06 (mg/kg)        | Carcinogenic SL TR=1E-06 (mg/kg) | Ingestion SL THQ=1 (mg/kg) | Dermal SL THQ=1 (mg/kg) | Inhalation SL THQ=1 (mg/kg)     | Noncarcinogenic SL THQ=1 (mg/kg) |  |  |  |  |
| 1.0E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | I                  | 4.0E-06                    | I                  | 3.0E-02                      | I                  | 2.0E-02                               | I                  | V         | 1.6E+03                  | 1.4E+09                  | 3.6E+03                 | 1       | 0.1  | Dichloropropanol, 2,3-                               | 616-23-9        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
| 2.9E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | I                  | 8.3E-05                    | C                  | 5.0E-04                      | I                  | 5.0E-04                               | I                  |           |                          | 1.4E+09                  |                         | 1       | 0.1  | Dichloropropene, 1,3-                                | 542-75-6        | 3.3E+01                       |                            | 1.1E+01                               | 8.2E+00                          |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dichlorvos                                           | 62-73-7         | 1.1E+01                       | 2.7E+01                    | 2.0E+05                               | 7.9E+00                          |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dicrotophos                                          | 141-66-2        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
| 1.6E+01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | I                  | 4.6E-03                    | I                  | 5.0E-05                      | I                  |                                       |                    |           | 2.6E+02                  | 1.4E+09                  | 4.1E+03                 | 1       | 0.1  | Dicyclopentadiene                                    | 77-73-6         |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dieldrin                                             | 60-57-1         | 2.0E-01                       | 4.8E-01                    | 3.6E+03                               | 1.4E-01                          |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Diesel Engine Exhaust                                | E17136615       |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Diethanolamine                                       | 111-42-2        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Diethylene Glycol Monobutyl Ether                    | 112-34-5        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Diethylene Glycol Monoethyl Ether                    | 111-90-0        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
| 3.5E+02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | C                  | 1.0E-01                    | C                  | 1.0E-03                      | P                  |                                       |                    | V         | 1.1E+05                  | 1.4E+09                  | 1.4E+05                 | 1       | 0.1  | Diethylformamide                                     | 617-84-5        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Diethylstilbestrol                                   | 56-53-1         | 9.3E-03                       | 2.2E-02                    | 1.7E+02                               | 6.6E-03                          |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Difenoquat                                           | 43222-48-6      |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Diffubenzuron                                        | 35367-38-5      |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
| 4.4E-02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | C                  | 1.3E-05                    | C                  |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Diffuroethane, 1,1-                                  | 75-37-6         |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dihydrosafrole                                       | 94-58-6         | 7.4E+01                       |                            | 1.2E+02                               | 4.5E+01                          |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Diisopropyl Ether                                    | 108-20-3        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Diisopropyl Methylphosphonate                        | 1445-75-6       |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dimethipin                                           | 55290-64-7      |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
| 1.6E+00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | P                  |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dimethoate                                           | 60-51-5         | 2.0E+00                       | 4.8E+00                    |                                       | 1.4E+00                          |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dimethoxybenzidine, 3,3'-                            | 119-90-4        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
| 1.7E-03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | P                  |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dimethyl methylphosphonate                           | 756-79-6        | 1.9E+03                       | 4.5E+03                    |                                       | 1.4E+03                          |                            |                         |                                 |                                  |  |  |  |  |
| 4.6E+00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | C                  | 1.3E-03                    | C                  |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dimethylamino azobenzene [p-]                        | 60-11-7         | 7.1E-01                       | 1.7E+00                    | 1.3E+04                               | 5.0E-01                          |                            |                         |                                 |                                  |  |  |  |  |
| 5.8E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | H                  |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dimethylaniline HCl, 2,4-                            | 21436-96-4      | 5.6E+00                       | 1.3E+01                    |                                       | 4.0E+00                          |                            |                         |                                 |                                  |  |  |  |  |
| 2.0E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | P                  |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dimethylaniline, 2,4-                                | 95-68-1         | 1.6E+01                       | 3.9E+01                    |                                       | 1.1E+01                          |                            |                         |                                 |                                  |  |  |  |  |
| 2.7E-02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | P                  |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dimethylaniline, N,N-                                | 121-69-7        | 1.2E+02                       |                            |                                       | 1.2E+02                          |                            |                         |                                 |                                  |  |  |  |  |
| 1.1E+01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | P                  |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dimethylbenzidine, 3,3'-                             | 119-93-7        | 3.0E-01                       | 7.0E-01                    |                                       | 2.1E-01                          |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dimethylformamide                                    | 68-12-2         |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dimethylhydrazine, 1,1-                              | 57-14-7         |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
| 5.5E+02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | C                  | 1.6E-01                    | C                  |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dimethylhydrazine, 1,2-                              | 540-73-8        | 5.9E-03                       |                            | 1.3E-02                               | 4.1E-03                          |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dimethylphenol, 2,4-                                 | 105-67-9        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dimethylphenol, 2,6-                                 | 576-26-1        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dimethylphenol, 3,4-                                 | 95-65-8         |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
| 4.5E-02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | C                  | 1.3E-05                    | C                  |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dimethylvinylchloride                                | 513-37-1        | 7.3E+01                       |                            | 5.2E+00                               | 4.8E+00                          |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dinitro-o-cresol, 4,6-                               | 534-52-1        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dinitro-o-cyclohexyl Phenol, 4,6-                    | 131-89-5        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dinitrobenzene, 1,2-                                 | 528-29-0        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dinitrobenzene, 1,3-                                 | 99-65-0         |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dinitrobenzene, 1,4-                                 | 100-25-4        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
| 6.8E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | I                  |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dinitrophenol, 2,4-                                  | 51-28-5         |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
| 3.1E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | C                  | 8.9E-05                    | C                  | 2.0E-03                      | I                  |                                       |                    |           |                          |                          |                         |         |      | Dinitrotoluene Mixture, 2,4/2,6-                     | E1615210        | 4.8E+00                       | 1.1E+01                    |                                       | 3.4E+00                          |                            |                         |                                 |                                  |  |  |  |  |
| 1.5E+00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | P                  |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dinitrotoluene, 2,6-                                 | 121-14-2        | 1.1E+01                       | 2.4E+01                    | 1.9E+05                               | 7.4E+00                          |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dinitrotoluene, 2-Amino-4,6-                         | 606-20-2        | 2.2E+00                       | 5.2E+00                    |                                       | 1.5E+00                          |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dinitrotoluene, 4-Amino-2,6-                         | 35572-78-2      |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
| 4.5E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | X                  |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dinitrotoluene, Technical grade                      | 19406-51-0      |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dinitrotoluene, 2,4-                                 | 25321-14-6      | 7.3E+00                       | 1.7E+01                    |                                       | 5.1E+00                          |                            |                         |                                 |                                  |  |  |  |  |
| 1.0E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | I                  | 5.0E-06                    | I                  | 3.0E-02                      | I                  | V                                     |                    |           | 1.2E+05                  | 1.4E+09                  | 4.0E+04                 | 1       | 0.1  | Dinoseb                                              | 88-85-7         |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dioxane, 1,4-                                        | 123-91-1        | 3.3E+01                       |                            | 9.7E+01                               | 2.4E+01                          |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dioxins                                              |                 |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
| 6.2E+03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | I                  | 1.3E+00                    | I                  | 7.0E-10                      | I                  | 4.0E-08                               | C                  | V         |                          | 1.4E+09                  |                         | 1       | 0.03 | +Hexachlorodibenzo-p-dioxin, Mixture -TCDD, 2,3,7,8- | 1746-01-6       | 5.3E-04                       | 4.2E-03                    | 1.3E+01                               | 4.7E-04                          |                            |                         |                                 |                                  |  |  |  |  |
| 1.3E+05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | C                  | 3.8E+01                    | C                  |                              |                    |                                       |                    |           |                          | 1.4E+09                  | 2.0E+06                 | 1       | 0.03 |                                                      |                 | 2.5E-05                       | 2.0E-04                    | 6.3E-04                               | 2.2E-05                          |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Diphenamid                                           | 957-51-7        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Diphenyl Sulfone                                     | 127-63-9        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Diphenylamine                                        | 122-39-4        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
| 8.0E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | I                  | 2.2E-04                    | I                  |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Diphenylhydrazine, 1,2-                              | 122-66-7        | 4.1E+00                       | 9.7E+00                    | 7.6E+04                               | 2.9E+00                          |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Diquat                                               | 85-00-7         |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
| 7.1E+00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | C                  | 1.4E-01                    | C                  |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Direct Black 38                                      | 1937-37-7       | 4.6E-01                       | 1.1E+00                    | 1.2E+02                               | 3.2E-01                          |                            |                         |                                 |                                  |  |  |  |  |
| 7.4E+00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | C                  | 1.4E-01                    | C                  |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Direct Blue 6                                        | 2602-46-2       | 4.4E-01                       | 1.0E+00                    | 1.2E+02                               | 3.1E-01                          |                            |                         |                                 |                                  |  |  |  |  |
| 6.7E+00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | C                  | 1.4E-01                    | C                  |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Direct Brown 95                                      | 16071-86-6      | 4.9E-01                       | 1.2E+00                    | 1.2E+02                               | 3.4E-01                          |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Disulfoton                                           | 298-04-4        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dithiane, 1,4-                                       | 505-29-3        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Diuron                                               | 330-54-1        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Dodine                                               | 2439-10-3       |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | EPTC                                                 | 759-94-4        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Endosulfan                                           | 115-29-7        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Endothall                                            | 145-73-3        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Endrin                                               | 72-20-8         |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
| 9.9E-03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | I                  | 1.2E-06                    | I                  | 6.0E-03                      | P                  | 1.0E-03                               | I                  | V         |                          | 1.1E+04                  | 1.4E+09                 | 1.9E+04 | 1    |                                                      | Epichlorohydrin | 106-89-8                      | 3.3E+02                    |                                       | 1.9E+02                          | 1.2E+02                    |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Epoxybutane, 1,2-                                    | 106-88-7        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Ethanol, 2-(2-methoxyethoxy)-                        | 111-77-3        |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      | Ethephon                                             | 16672-87-0      |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                            |                    |                              |                    |                                       |                    |           |                          |                          |                         |         |      |                                                      |                 |                               |                            |                                       |                                  |                            |                         |                                 |                                  |  |  |  |  |



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| Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide) |                     |                                          |                     |                                          |                     |                                          |                     |              |                             |                                          |                               |                      |                        |                                                                                                                       |                                            |                                     |                                  |                                       |                                        |                                  |                                          |                                   |                                        |                               |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------|---------------------|------------------------------------------|---------------------|------------------------------------------|---------------------|--------------|-----------------------------|------------------------------------------|-------------------------------|----------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------------|----------------------------------|---------------------------------------|----------------------------------------|----------------------------------|------------------------------------------|-----------------------------------|----------------------------------------|-------------------------------|--|--|--|
| Toxicity and Chemical-specific Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |                                          |                     |                                          |                     |                                          |                     |              |                             |                                          |                               |                      |                        | Contaminant                                                                                                           |                                            |                                     |                                  | Carcinogenic Target Risk (TR) = 1E-06 |                                        |                                  |                                          | Noncancer Hazard Index (HI) = 1   |                                        |                               |  |  |  |
| SFO<br>(mg/kg-day)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | k <sub>e</sub><br>y | IUR<br>(ug/m <sup>3</sup> ) <sup>1</sup> | k <sub>e</sub><br>y | RfD <sub>a</sub><br>(mg/kg-day)          | k <sub>e</sub><br>y | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k <sub>e</sub><br>y | muta-<br>gen | C <sub>sat</sub><br>(mg/kg) | PEF<br>(m <sup>3</sup> /kg)              | VF<br>(m <sup>3</sup> /kg)    | GIABS                | ABS                    | Analyte                                                                                                               | CAS No.                                    | Ingestion SL<br>TR=1E-06<br>(mg/kg) | Dermal SL<br>TR=1E-06<br>(mg/kg) | Inhalation SL<br>TR=1E-06<br>(mg/kg)  | Carcinogenic SL<br>TR=1E-06<br>(mg/kg) | Ingestion SL<br>THQ=1<br>(mg/kg) | Dermal SL<br>THQ=1<br>(mg/kg)            | Inhalation SL<br>THQ=1<br>(mg/kg) | Noncarcinogenic SL<br>THI=1<br>(mg/kg) |                               |  |  |  |
| 4.6E-02<br>1.3E-05<br>1.6E+00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | I<br>C<br>C         | 1.3E-05<br>4.6E-04<br>C                  |                     |                                          |                     | 2.0E-02<br>6.0E-04<br>I                  |                     |              |                             | 1.4E+09<br>1.4E+09<br>1.4E+09            | 1.3E+04<br>1<br>1             | 1<br>1<br>1          | 0.1<br>0.1<br>0.1      | Methylene-bis(N,N-dimethyl) Aniline, 4,4'-<br>Methylenediphenyl Diisocyanate, 4,4'-<br>Methylenediphenyl Diisocyanate | 101-61-1<br>101-77-9<br>101-68-8           | 7.1E+01<br>2.0E+00<br>C             | 1.7E+02<br>4.8E+00<br>C          | 1.3E+06<br>3.6E+04<br>C               | 5.0E+01<br>1.4E+00<br>C                |                                  |                                          | 1.2E+08<br>3.6E+06<br>C           | 1.2E+08<br>3.6E+06<br>C                |                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                          |                     | 7.0E-02<br>1.5E-01<br>2.5E-02            | H<br>I<br>I         |                                          | V                   |              | 5.0E+02                     | 1.4E+09<br>1.4E+09<br>1.4E+09            | 1.3E+04<br>1<br>1             | 1<br>1<br>1          | 0.1<br>0.1<br>0.1      | Methylstyrene, Alpha-<br>Metolachlor<br>Metribuzin                                                                    | 98-83-9<br>51218-45-2<br>21087-64-9        |                                     |                                  |                                       |                                        |                                  | 8.2E+04<br>1.8E+05<br>2.9E+04            | 4.1E+05<br>6.9E+04<br>C           | 8.2E+04<br>1.2E+05<br>2.1E+04          |                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                          |                     | 2.5E-01<br>3.0E+00<br>2.0E-04            | I<br>P<br>C         |                                          |                     |              |                             | 1.4E+09<br>1.4E+09<br>1.4E+09            | 1.4E+03<br>1.4E+03<br>8.6E+05 | 1<br>1<br>1          | 0.1<br>1<br>1          | Methylsulfonyl-methyl<br>Mineral oils<br>Mirex                                                                        | 74223-64-6<br>8012-95-1<br>2385-85-5       |                                     |                                  |                                       |                                        |                                  | 2.9E+05<br>3.5E+06<br>2.3E+02            | 6.9E+05<br>3.5E+06<br>2.3E+02     | 2.1E+05<br>3.5E+06<br>2.3E+02          |                               |  |  |  |
| 1.8E+01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | C                   | 5.1E-03                                  | C                   | 2.0E-03<br>5.0E-03<br>1.0E-01            | I<br>I<br>I         |                                          |                     |              |                             | 1.4E+09<br>1.4E+09<br>1.4E+09            | 1<br>1<br>1                   |                      | 0.1<br>1<br>1          | Molinate<br>Molybdenum<br>Monochloramine                                                                              | 2212-67-1<br>7439-98-7<br>10599-90-3       |                                     |                                  |                                       |                                        |                                  | 2.3E+03<br>5.8E+03<br>1.2E+05            | 5.5E+03<br>5.8E+03<br>1.2E+05     | 1.6E+03<br>5.8E+03<br>1.2E+05          |                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                          |                     | 2.0E-03<br>2.5E-02<br>3.0E-04            | P<br>I<br>X         |                                          |                     |              |                             | 1.4E+09<br>1.4E+09<br>1.4E+09            | 1<br>1<br>1                   |                      | 0.1<br>0.1<br>0.1      | Monomethylaniline<br>Myclobutanil<br>N,N-Diphenyl-1,4-benzenediamine                                                  | 100-61-8<br>88671-89-0<br>74-31-7          |                                     |                                  |                                       |                                        |                                  | 2.3E+03<br>2.9E+04<br>3.5E+02            | 5.5E+03<br>6.9E+04<br>8.3E+02     | 1.6E+03<br>2.1E+04<br>2.5E+02          |                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                          |                     | 2.0E-03<br>3.0E-02                       | I<br>X              |                                          | V                   |              |                             | 1.4E+09<br>1.4E+09                       | 5.7E+04<br>1                  | 1<br>1               | 1<br>0.1               | Naled<br>Naphtha, High Flash Aromatic (HFAN)<br>Naphthylamine, 2-                                                     | 300-76-5<br>64742-95-6<br>91-59-8          |                                     |                                  |                                       |                                        |                                  | 2.3E+03<br>3.5E+04                       |                                   | 2.3E+03<br>3.5E+04                     |                               |  |  |  |
| 1.8E+00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | C                   | 0.0E+00                                  | C                   | 1.2E-01<br>2.6E-04<br>2.6E-04            | O<br>C<br>C         |                                          |                     |              |                             | 1.4E+09<br>1.4E+09<br>1.4E+09            | 1<br>1<br>1                   |                      | 0.1<br>0.1<br>0.1      | Napropamide<br>Nickel Acetate<br>Nickel Carbonate                                                                     | 15299-99-7<br>373-02-4<br>3333-67-3        |                                     |                                  |                                       |                                        |                                  | 1.4E+05<br>1.3E+04<br>1.3E+04            | 3.3E+05<br>3.0E+04<br>3.0E+04     | 9.8E+04<br>8.3E+04<br>8.1E+03          |                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                          |                     | 2.6E-04<br>2.6E-04<br>2.6E-04            | C<br>C<br>C         |                                          |                     |              |                             | 1.4E+09<br>1.4E+09<br>1.4E+09            | 1<br>0.04<br>0.04             |                      | 1<br>0.1<br>0.1        | Nickel Carbonyl<br>Nickel Hydroxide<br>Nickel Oxide                                                                   | 13463-39-3<br>12054-48-7<br>1313-99-1      |                                     |                                  |                                       |                                        |                                  | 1.3E+04<br>1.3E+04<br>1.3E+04            | 8.3E+04<br>8.3E+04<br>1.2E+05     | 1.1E+04<br>1.1E+04<br>1.2E+04          |                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                          |                     | 2.4E-04<br>2.6E-04<br>4.8E-04            | I<br>C<br>C         |                                          |                     |              |                             | 1.4E+09<br>1.4E+09<br>1.4E+09            | 0.04<br>0.04<br>0.04          |                      | 0.1<br>0.1<br>0.1      | Nickel Refinery Dust<br>Nickel Soluble Salts<br>Nickel Sulfide                                                        | E715532<br>7440-02-0<br>12035-72-2         |                                     |                                  |                                       |                                        |                                  | 1.3E+04<br>2.3E+04<br>1.3E+04            | 8.3E+04<br>5.4E+05<br>8.3E+04     | 1.1E+04<br>2.2E+04<br>1.1E+04          |                               |  |  |  |
| 1.7E+00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | C                   | 4.8E-04                                  | C                   | 2.6E-04<br>1.6E+00                       | C<br>I              |                                          |                     |              |                             | 1.4E+09<br>1.4E+09<br>1.4E+09            | 1<br>1<br>1                   |                      | 0.1<br>1<br>1          | Nickelocene<br>Nitrate<br>Nitrate + Nitrite (as N)                                                                    | 1271-28-9<br>14797-55-8<br>E701177         |                                     |                                  |                                       |                                        |                                  | 1.3E+04<br>1.9E+06                       | 3.0E+04<br>2.8E+05                | 8.3E+04<br>8.2E+04                     |                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                          |                     | 1.0E-01<br>1.0E-02<br>4.0E-03            | I<br>X<br>P         |                                          |                     |              |                             | 1.4E+09<br>1.4E+09<br>1.4E+09            | 1<br>1<br>1                   |                      | 0.1<br>0.1<br>0.1      | Nitrite<br>Nitroaniline, 2-<br>Nitroaniline, 4-                                                                       | 14797-65-0<br>88-74-4<br>100-01-6          |                                     |                                  |                                       |                                        |                                  | 1.2E+05<br>1.2E+04<br>4.7E+03            | 2.8E+04<br>1.1E+04<br>2.8E+07     | 1.2E+05<br>8.0E+03<br>3.3E+03          |                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                          |                     | 4.0E-05<br>2.0E-03<br>3.0E+03<br>7.0E-02 | I<br>I<br>P<br>H    |                                          |                     |              |                             | 1.4E+09<br>1.4E+09<br>1.4E+09<br>1.4E+09 | 7.3E+04<br>1<br>1<br>1        | 1<br>1<br>0.1<br>0.1 | 1<br>0.1<br>0.1<br>0.1 | Nitrobenzene<br>Nitrocellulose<br>Nitrofurantoin<br>Nitrofurazone                                                     | 98-95-3<br>9004-70-0<br>67-20-9<br>59-87-0 |                                     |                                  |                                       |                                        |                                  | 2.2E+01<br>2.2E+01<br>2.2E+01<br>2.2E+01 | 2.3E+03<br>3.5E+09<br>8.2E+04     | 2.9E+03<br>8.3E+09<br>1.9E+05          |                               |  |  |  |
| 1.3E+00<br>1.7E-02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | C<br>P              | 3.7E-04<br>1.7E-02                       | C<br>P              | 1.0E-04<br>1.0E-01                       | P<br>I              |                                          |                     |              |                             | 1.4E+09<br>1.4E+09<br>1.4E+09            | 1<br>1<br>1                   |                      | 0.1<br>0.1<br>0.1      | Nitroglycerin<br>Nitroguanidine                                                                                       | 55-63-0<br>556-88-7                        |                                     |                                  |                                       |                                        |                                  | 1.2E+02<br>1.2E+05                       | 2.8E+02<br>2.8E+05                | 8.2E+01<br>8.2E+04                     |                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                          |                     | 8.8E-06<br>2.7E-03<br>7.7E-03            | P<br>H<br>C         |                                          |                     |              |                             | 1.4E+09<br>1.4E+09<br>1.4E+09            | 1.7E+04<br>1.3E+04<br>1       | 1<br>1<br>1          | 1<br>0.1<br>0.1        | Nitromethane<br>Nitropropane, 2-<br>Nitroso-N-ethylurea, N-                                                           | 75-52-5<br>79-46-9<br>759-73-9             |                                     |                                  |                                       |                                        |                                  | 2.4E+01<br>6.0E-02<br>2.2E+03            | 2.4E+01<br>6.0E-02<br>8.5E-02     | 3.7E+02<br>1.2E+03<br>1.2E+03          |                               |  |  |  |
| 2.7E+01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | C                   | 7.7E-03                                  | C                   | 1.2E+02<br>5.4E+00<br>7.0E+00            | C<br>I<br>I         |                                          |                     |              |                             | 1.4E+09<br>1.4E+09<br>1.4E+09            | 2.4E+05<br>1<br>1             | 1<br>1<br>0.1        | 0.1<br>0.1<br>0.1      | Nitroso-N-methylurea, N-<br>Nitroso-di-N-butylamine, N-<br>Nitroso-di-N-propylamine, N-                               | 684-93-5<br>924-16-3<br>621-64-7           |                                     |                                  |                                       |                                        |                                  | 2.7E-02<br>6.1E-01<br>4.7E-01            | 4.8E+02<br>1.9E+00<br>8.3E+03     | 4.9E-02<br>1.6E-01<br>3.3E-01          |                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                          |                     | 2.8E+00<br>1.5E+02<br>5.1E+01            | I<br>I<br>I         |                                          |                     |              |                             | 1.4E+09<br>1.4E+09<br>1.4E+09            | 1<br>1<br>1                   |                      | 0.1<br>0.1<br>1        | Nitrosodihydroxylamine, N-<br>Nitrosodimethylamine, N-<br>Nitrosodimethylamine, N-                                    | 1116-54-7<br>55-18-5<br>62-75-9            |                                     |                                  |                                       |                                        |                                  | 1.2E+00<br>2.2E-02<br>6.4E-02            | 2.8E+00<br>5.2E-02<br>7.2E-02     | 2.1E+04<br>3.9E+02<br>3.4E-02          |                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                          |                     | 4.9E-03<br>2.2E+01<br>6.7E+00            | I<br>I<br>C         |                                          |                     |              |                             | 1.4E+09<br>1.4E+09<br>1.4E+09            | 1<br>1.2E+05<br>1             | 1<br>1<br>0.1        | 0.1<br>1<br>0.1        | Nitrosodiphenylamine, N-<br>Nitrosomethylethylamine, N-<br>Nitrosomorpholine [N-]                                     | 86-30-6<br>10595-95-6<br>59-89-2           |                                     |                                  |                                       |                                        |                                  | 6.7E+02<br>1.5E-01<br>4.9E-01            | 1.6E+03<br>2.4E-01<br>1.2E+00     | 6.4E+06<br>9.1E-02<br>8.8E+03          |                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                          |                     | 9.4E+00<br>2.1E+00                       | C<br>I              |                                          |                     |              |                             | 1.4E+09<br>1.4E+09                       | 1<br>1                        |                      | 0.1<br>0.1             | Nitrosopiperidine [N-]<br>Nitrosopyrrolidine, N-                                                                      | 100-75-4<br>930-55-2                       |                                     |                                  |                                       |                                        |                                  | 3.5E-01<br>1.6E+00                       | 8.2E-01<br>3.7E+00                | 6.2E+03<br>2.7E+04                     |                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                          |                     | 1.0E-04                                  | X                   |                                          |                     |              |                             | 1.4E+09                                  | 1                             |                      | 0.1                    | Nitrotoluene, m-                                                                                                      | 99-08-1                                    |                                     |                                  |                                       |                                        |                                  |                                          |                                   |                                        |                               |  |  |  |
| 2.2E-01<br>1.6E-02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | P<br>P              |                                          |                     | 9.0E-04<br>4.0E-03<br>3.0E-04            | P<br>P<br>X         |                                          |                     |              |                             | 1.4E+09<br>1.4E+09<br>1.4E+09            | 1.4E+05<br>1<br>1.0E+03       | 1<br>1<br>1          | 1<br>0.1<br>0.1        | Nitrotoluene, o-<br>Nitrotoluene, p-<br>Nonane, n-                                                                    | 88-72-2<br>99-99-0<br>111-84-2             |                                     |                                  |                                       |                                        |                                  | 1.5E+01<br>2.0E+02                       | 1.5E+01<br>1.4E+02                | 1.1E+01<br>1.1E+04                     |                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                          |                     | 1.5E-02<br>3.0E-03<br>5.0E-02            | O<br>I<br>I         |                                          |                     |              |                             | 1.4E+09<br>1.4E+09<br>1.4E+09            | 1<br>1<br>1                   |                      | 0.1<br>0.1<br>0.006    | Norfurazone<br>Octabromodiphenyl Ether<br>Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)                      | 27314-13-2<br>32536-52-0<br>2691-41-0      |                                     |                                  |                                       |                                        |                                  |                                          | 1.8E+04<br>3.5E+03<br>5.8E+04     | 4.1E+04<br>8.3E+03<br>2.3E+06          | 1.2E+04<br>2.5E+03<br>5.7E+04 |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                          |                     | 2.0E-03<br>1.4E-01<br>5.0E-03            | H<br>O<br>I         |                                          |                     |              |                             | 1.4E+09<br>1.4E+09<br>1.4E+09            | 1<br>1<br>1                   |                      | 0.1<br>0.1<br>0.1      | Octamethylpyrophosphoramide<br>Oryzalin<br>Oxadiazon                                                                  | 152-16-9<br>19044-88-3<br>19666-30-9       |                                     |                                  |                                       |                                        |                                  | 4.2E+02<br>1.6E+05<br>5.8E+03            | 9.9E+02<br>3.9E+05<br>1.4E+04     | 2.9E+02<br>3.9E+05<br>1.4E+04          |                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                          |                     | 2.5E-02<br>3.0E-02<br>1.3E-02            | I<br>O<br>I         |                                          |                     |              |                             | 1.4E+09<br>1.4E+09<br>1.4E+09            | 1<br>1<br>1                   |                      | 0.1<br>0.1<br>0.1      | Oxamyl<br>Oxyfluorfen<br>Paclobutrazol                                                                                | 23135-22-0<br>42874-03-3<br>76738-62-0     |                                     |                                  |                                       |                                        |                                  | 2.9E+04<br>3.5E+04<br>1.5E+04            | 6.9E+04<br>8.3E+04<br>3.6E+04     | 2.1E+04<br>2.5E+04<br>1.1E+04          |                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                          |                     | 4.5E-03<br>6.0E-03<br>5.0E-02            | I<br>H<br>H         |                                          |                     |              |                             | 1.4E+09<br>1.4E+09<br>1.4E+09            | 1<br>1<br>4.5E+04             | 1<br>1<br>1          | 0.1<br>0.1<br>0.1      | Paraquat Dichloride<br>Parathion<br>Pebulate                                                                          | 1910-42-5<br>56-38-2<br>1114-71-2          |                                     |                                  |                                       |                                        |                                  |                                          | 5.3E+03<br>7.0E+03<br>5.8E+04     | 1.2E+04<br>1.7E+04<br>1.7E+04          | 3.7E+03<br>4.9E+03<br>5.8E+04 |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                          |                     | 3.0E-02<br>2.0E-03<br>1.0E-04            | O<br>I<br>I         |                                          |                     |              |                             | 1.4E+09<br>1.4E+09<br>1.4E+09            | 1<br>5.1E+05<br>1             | 1<br>1<br>1          | 0.1<br>1<br>0.1        | Pendimethalin<br>Pentabromodiphenyl Ether<br>Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)                          | 40487-42-1<br>32534-81-9<br>60348-60-9     |                                     |                                  |                                       |                                        |                                  | 3.5E+04<br>2.3E+03<br>1.2E+02            | 8.3E+04<br>2.8E+02<br>2.8E+02     | 2.5E+04<br>2.3E+03<br>8.2E+01          |                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                          |                     | 8.0E-04                                  | I                   |                                          |                     |              |                             | 1.4E+09                                  | 8.1E+04                       | 1                    | 1                      | Pentachlorobenzene                                                                                                    | 608-93-5                                   |                                     |                                  |                                       |                                        |                                  | 9.3E+02                                  |                                   | 9.3E+02                                |                               |  |  |  |
| 9.0E-02<br>2.6E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | P<br>H              |                                          |                     | 3.0E-03                                  | I                   |                                          |                     |              |                             | 1.4E+09<br>1.4E+09                       | 9.7E+03<br>4.3E+05            | 1<br>1               | 1<br>1                 | Pentachloroethane<br>Pentachloronitrobenzene                                                                          | 76-01-7<br>82-68-8                         |                                     |                                  |                                       |                                        |                                  | 3.6E+01<br>1.3E+01                       | 3.6E+01<br>1.3E+01                | 3.5E+03<br>3.5E+03                     |                               |  |  |  |
| 4.0E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | I                   | 5.1E-06                                  | C                   | 5.0E-03                                  | I                   |                                          |                     |              |                             | 1.4E+09                                  | 1                             | 0.25                 | 0.25                   | Pentachlorophenol                                                                                                     | 87-86-5                                    |                                     |                                  |                                       |                                        |                                  | 8.2E+00                                  | 5.5E+03                           | 2.8E+03                                |                               |  |  |  |





| Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide) |                       |                                          |                       |                                 |                       |                                          |                       |                            |              |                             |                             |                            |       |     |                                               |            |                                       |                                  |                                      |                                        |                                  |                               |                                   |                                        |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------------------|-----------------------|---------------------------------|-----------------------|------------------------------------------|-----------------------|----------------------------|--------------|-----------------------------|-----------------------------|----------------------------|-------|-----|-----------------------------------------------|------------|---------------------------------------|----------------------------------|--------------------------------------|----------------------------------------|----------------------------------|-------------------------------|-----------------------------------|----------------------------------------|--|--|
| Toxicity and Chemical-specific Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |                                          |                       |                                 |                       |                                          |                       |                            |              |                             |                             |                            |       |     | Contaminant                                   |            | Carcinogenic Target Risk (TR) = 1E-06 |                                  |                                      |                                        | Noncancer Hazard Index (HI) = 1  |                               |                                   |                                        |  |  |
| SFO<br>(mg/kg-day) <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | k <sub>e</sub><br>(y) | IUR<br>(ug/m <sup>3</sup> ) <sup>1</sup> | k <sub>e</sub><br>(y) | RfD <sub>a</sub><br>(mg/kg-day) | k <sub>e</sub><br>(y) | RfC <sub>i</sub><br>(mg/m <sup>3</sup> ) | k <sub>e</sub><br>(y) | Lo <sub>o</sub><br>(mg/kg) | muta-<br>gen | C <sub>sat</sub><br>(mg/kg) | PEF<br>(m <sup>3</sup> /kg) | VF<br>(m <sup>3</sup> /kg) | GIABS | ABS | Analyte                                       | CAS No.    | Ingestion SL<br>TR=1E-06<br>(mg/kg)   | Dermal SL<br>TR=1E-06<br>(mg/kg) | Inhalation SL<br>TR=1E-06<br>(mg/kg) | Carcinogenic SL<br>TR=1E-06<br>(mg/kg) | Ingestion SL<br>THQ=1<br>(mg/kg) | Dermal SL<br>THQ=1<br>(mg/kg) | Inhalation SL<br>THQ=1<br>(mg/kg) | Noncarcinogenic SL<br>THI=1<br>(mg/kg) |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 1.4E-01                         | O                     |                                          |                       | 1.4E+09                    |              |                             | 1                           |                            |       | 0.1 | Sethoxydim                                    | 74051-80-2 |                                       |                                  |                                      |                                        | 1.6E+05                          | 3.9E+05                       |                                   | 1.1E+05                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 5.0E-03                         | I                     | 3.0E-03                                  | C                     | 1.4E+09                    |              |                             | 1                           |                            | 0.04  |     | Silica (crystalline, respirable)              | 7631-86-9  |                                       |                                  |                                      |                                        |                                  |                               | 1.8E+07                           | 1.8E+07                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       |                                 |                       |                                          |                       | 1.4E+09                    |              |                             | 1                           |                            |       |     | Silver                                        | 7440-22-4  |                                       |                                  |                                      |                                        | 5.8E+03                          |                               |                                   | 5.8E+03                                |  |  |
| 1.2E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | H                     |                                          |                       | 5.0E-03                         | I                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | Simazine                                      | 122-34-9   | 2.7E+01                               | 6.4E+01                          |                                      | 1.9E+01                                | 5.8E+03                          | 1.4E+04                       |                                   | 4.1E+03                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 1.3E-02                         | I                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | Sodium Acifluorfen                            | 62476-59-9 |                                       |                                  |                                      |                                        | 1.5E+04                          | 3.6E+04                       |                                   | 1.1E+04                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 4.0E-03                         | I                     |                                          |                       | 1.4E+09                    |              |                             | 1                           |                            |       |     | Sodium Azide                                  | 26628-22-8 |                                       |                                  |                                      |                                        | 4.7E+03                          |                               |                                   | 4.7E+03                                |  |  |
| 5.0E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | C                     | 1.5E-01                                  | C                     | 2.0E-02                         | C                     | 2.0E-04                                  | C                     | M                          |              |                             | 0.025                       |                            |       |     | Sodium Dichromate                             | 10588-01-9 | 6.5E+00                               |                                  | 1.1E+02                              | 6.2E+00                                | 2.3E+04                          |                               | 1.2E+06                           | 2.3E+04                                |  |  |
| 2.7E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | H                     |                                          |                       | 3.0E-02                         | I                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | Sodium Diethyldithiocarbamate                 | 148-18-5   | 1.2E+01                               | 2.9E+01                          |                                      | 8.5E+00                                | 3.5E+04                          | 8.3E+04                       |                                   | 2.5E+04                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 5.0E-02                         | A                     | 1.3E-02                                  | C                     | 1.4E+09                    |              |                             | 1                           |                            |       |     | Sodium Fluoride                               | 7681-49-4  |                                       |                                  |                                      |                                        | 5.8E+04                          |                               | 7.7E+07                           | 5.8E+04                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 2.0E-05                         | I                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | Sodium Fluoroacetate                          | 62-74-8    |                                       |                                  |                                      |                                        | 2.3E+01                          | 5.5E+01                       |                                   | 1.6E+01                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 1.0E-03                         | H                     |                                          |                       | 1.4E+09                    |              |                             | 1                           |                            |       |     | Sodium Metavanadate                           | 13718-26-8 |                                       |                                  |                                      |                                        | 1.2E+03                          |                               |                                   | 1.2E+03                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 8.0E-04                         | P                     |                                          |                       | 1.4E+09                    |              |                             | 1                           |                            |       |     | Sodium Tungstate                              | 13472-45-2 |                                       |                                  |                                      |                                        | 9.3E+02                          |                               |                                   | 9.3E+02                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 8.0E-04                         | P                     |                                          |                       | 1.4E+09                    |              |                             | 1                           |                            |       |     | Sodium Tungstate Dihydrate                    | 10213-10-2 |                                       |                                  |                                      |                                        | 9.3E+02                          |                               |                                   | 9.3E+02                                |  |  |
| 2.4E-02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | H                     |                                          |                       | 3.0E-02                         | I                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | Stirofos (Tetrachlorovinphos)                 | 961-11-5   | 1.4E+02                               | 3.2E+02                          |                                      | 9.6E+01                                | 3.5E+04                          | 8.3E+04                       |                                   | 2.5E+04                                |  |  |
| 5.0E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | C                     | 1.5E-01                                  | C                     | 2.0E-02                         | C                     | 2.0E-04                                  | C                     | M                          |              |                             | 0.025                       |                            |       |     | Strontium Chromate                            | 7789-06-2  | 6.5E+00                               |                                  | 1.1E+02                              | 6.2E+00                                | 2.3E+04                          |                               | 1.2E+06                           | 2.3E+04                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 6.0E-01                         | I                     |                                          |                       | 1.4E+09                    |              |                             | 1                           |                            |       |     | Strontium, Stable                             | 7440-24-6  |                                       |                                  |                                      |                                        | 7.0E+05                          |                               |                                   | 7.0E+05                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 3.0E-04                         | I                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | Strychnine                                    | 57-24-9    |                                       |                                  |                                      |                                        | 3.5E+02                          | 8.3E+02                       |                                   | 2.5E+02                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 2.0E-01                         | I                     | 1.0E+00                                  | I                     | V                          |              | 8.7E+02                     | 9.4E+03                     | 1                          |       |     | Styrene                                       | 100-42-5   |                                       |                                  |                                      |                                        | 2.3E+05                          |                               | 4.1E+04                           | 3.5E+04                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 3.0E-03                         | P                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | Styrene-Acrylonitrile (SAN) Trimer            |            |                                       |                                  |                                      |                                        | 3.5E+03                          | 8.3E+03                       |                                   | 2.5E+03                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 1.0E-03                         | P                     | 2.0E-03                                  | X                     | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | Sulfolane                                     | 126-33-0   |                                       |                                  |                                      |                                        | 1.2E+03                          | 2.8E+03                       |                                   | 8.2E+02                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 8.0E-04                         | P                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | Sulfonylbis(4-chlorobenzene), 1,1'-           | 80-07-9    |                                       |                                  |                                      |                                        | 9.3E+02                          | 2.2E+03                       |                                   | 6.0E+02                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       |                                 |                       | 1.0E-03                                  | C                     | V                          |              |                             | 1.4E+09                     | 1                          |       |     | Sulfur Trioxide                               | 7446-11-9  |                                       |                                  |                                      |                                        |                                  |                               | 6.0E+06                           | 6.0E+06                                |  |  |
| 2.5E-02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | I                     | 7.1E-06                                  | I                     | 5.0E-02                         | H                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | Sulfuric Acid                                 | 7664-93-9  | 1.3E+02                               | 3.1E+02                          | 2.3E+06                              | 9.2E+01                                | 5.8E+04                          | 1.4E+05                       |                                   | 4.1E+04                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 3.0E-02                         | H                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | TCMTB                                         | 21564-17-0 |                                       |                                  |                                      |                                        | 3.5E+04                          | 8.3E+04                       |                                   | 2.5E+04                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 7.0E-02                         | I                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | Tebuthiuron                                   | 34014-18-1 |                                       |                                  |                                      |                                        | 8.2E+04                          | 1.9E+05                       |                                   | 5.7E+04                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 2.0E-02                         | H                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | Temephos                                      | 3383-96-8  |                                       |                                  |                                      |                                        | 2.3E+04                          | 5.5E+04                       |                                   | 1.6E+04                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 1.3E-02                         | I                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | Terbacil                                      | 5902-51-2  |                                       |                                  |                                      |                                        | 1.5E+04                          | 3.6E+04                       |                                   | 1.1E+04                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 2.5E-05                         | H                     |                                          |                       | 1.4E+09                    |              | 3.1E+01                     | 2.6E+05                     | 1                          |       |     | Terbufos                                      | 13071-79-9 |                                       |                                  |                                      |                                        | 2.9E+01                          |                               |                                   | 2.9E+01                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 1.0E-03                         | I                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | Terbutryn                                     | 886-50-0   |                                       |                                  |                                      |                                        | 1.2E+03                          | 2.8E+03                       |                                   | 8.2E+02                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 1.0E-04                         | I                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47) | 5436-43-1  |                                       |                                  |                                      |                                        | 1.2E+02                          | 2.8E+02                       |                                   | 8.2E+01                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 3.0E-04                         | I                     |                                          |                       | 1.4E+09                    |              | 5.1E+04                     | 1                           |                            |       |     | Tetrachlorobenzene, 1,2,4,5-                  | 95-94-3    |                                       |                                  |                                      |                                        | 3.5E+02                          |                               |                                   | 3.5E+02                                |  |  |
| 2.6E-02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | I                     | 7.4E-06                                  | I                     | 3.0E-02                         | I                     |                                          |                       | 1.4E+09                    |              | 5.7E+03                     | 1                           |                            |       |     | Tetrachloroethane, 1,1,1,2-                   | 530-20-6   | 1.3E+02                               |                                  | 9.4E+00                              | 8.8E+00                                | 3.5E+04                          |                               |                                   | 3.5E+04                                |  |  |
| 2.0E-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | I                     | 5.8E-05                                  | C                     | 2.0E-02                         | I                     |                                          |                       | 1.4E+09                    |              | 1.5E+04                     | 1                           |                            |       |     | Tetrachloroethane, 1,1,1,2,2-                 | 79-34-5    | 1.6E+01                               |                                  | 3.2E+00                              | 2.7E+00                                | 2.3E+04                          |                               |                                   | 2.3E+04                                |  |  |
| 2.1E-03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | I                     | 2.6E-07                                  | I                     | 6.0E-03                         | I                     | 4.0E-02                                  | I                     | V                          |              | 1.7E+02                     | 1.4E+09                     | 2.4E+03                    | 1     |     | Tetrachloroethylene                           | 127-18-4   | 1.6E+03                               |                                  | 1.1E+02                              | 1.0E+02                                | 7.0E+03                          |                               | 4.1E+02                           | 3.9E+02                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 3.0E-02                         | I                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | Tetrachlorophenol, 2,3,4,6-                   | 58-90-2    |                                       |                                  |                                      |                                        | 3.5E+04                          | 8.3E+04                       |                                   | 2.5E+04                                |  |  |
| 2.0E+01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | H                     |                                          |                       |                                 |                       |                                          |                       | 1.4E+09                    |              | 1.1E+05                     | 1                           |                            |       |     | Tetrachlorotoluene, p- alpha, alpha, alpha-   | 5216-25-1  | 1.6E-01                               |                                  | 1.6E-01                              |                                        |                                  |                               |                                   | 4.1E+02                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 5.0E-04                         | I                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | Tetraethyl Dithiopyrophosphate                | 3689-24-5  |                                       |                                  |                                      |                                        | 5.8E+02                          | 1.4E+03                       |                                   | 4.1E+02                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 8.0E+01                         | I                     | V                                        |                       | 2.1E+03                    | 1.4E+09      | 1.2E+03                     | 1                           |                            |       |     | Tetrafluoroethane, 1,1,1,2-                   | 811-97-2   |                                       |                                  |                                      |                                        |                                  |                               | 4.3E+05                           | 4.3E+05                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 2.0E-03                         | P                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.0007                     |       |     | Tetryl (Trinitrophenylmethyltriamine)         | 479-45-8   |                                       |                                  |                                      |                                        | 2.3E+03                          | 8.5E+05                       |                                   | 2.3E+03                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 2.0E-05                         | S                     |                                          |                       | 1.4E+09                    |              |                             | 1                           |                            |       |     | Thallic Oxide                                 | 1314-32-5  |                                       |                                  |                                      |                                        | 2.3E+01                          |                               |                                   | 2.3E+01                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 1.0E-05                         | X                     |                                          |                       | 1.4E+09                    |              |                             | 1                           |                            |       |     | Thallium (I) Nitrate                          | 10102-45-1 |                                       |                                  |                                      |                                        | 1.2E+01                          |                               |                                   | 1.2E+01                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 1.0E-05                         | X                     |                                          |                       | 1.4E+09                    |              |                             | 1                           |                            |       |     | Thallium (Soluble Salts)                      | 7440-28-0  |                                       |                                  |                                      |                                        | 1.2E+01                          |                               |                                   | 1.2E+01                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 1.0E-05                         | X                     |                                          |                       | 1.4E+09                    |              |                             | 1                           |                            |       |     | Thallium Acetate                              | 563-68-8   |                                       |                                  |                                      |                                        | 1.2E+01                          |                               |                                   | 1.2E+01                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 2.0E-05                         | X                     |                                          |                       | 1.4E+09                    |              |                             | 1                           |                            |       |     | Thallium Carbonate                            | 6533-73-9  |                                       |                                  |                                      |                                        | 2.3E+01                          |                               |                                   | 2.3E+01                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 1.0E-05                         | X                     |                                          |                       | 1.4E+09                    |              |                             | 1                           |                            |       |     | Thallium Chloride                             | 7791-12-0  |                                       |                                  |                                      |                                        | 1.2E+01                          |                               |                                   | 1.2E+01                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 1.0E-05                         | S                     |                                          |                       | 1.4E+09                    |              |                             | 1                           |                            |       |     | Thallium Selenite                             | 12039-52-0 |                                       |                                  |                                      |                                        | 1.2E+01                          |                               |                                   | 1.2E+01                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 2.0E-05                         | X                     |                                          |                       | 1.4E+09                    |              |                             | 1                           |                            |       |     | Thallium Sulfate                              | 7446-18-6  |                                       |                                  |                                      |                                        | 2.3E+01                          |                               |                                   | 2.3E+01                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 4.3E-02                         | O                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | Thifensulfuron-methyl                         | 79277-27-3 |                                       |                                  |                                      |                                        | 5.0E+04                          | 1.2E+05                       |                                   | 3.5E+04                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 1.0E-02                         | I                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | Thiobencarb                                   | 28249-77-6 |                                       |                                  |                                      |                                        | 1.2E+04                          | 2.8E+04                       |                                   | 8.2E+03                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 7.0E-02                         | X                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.0075                     |       |     | Thiodiglycol                                  | 111-48-8   |                                       |                                  |                                      |                                        | 8.2E+04                          | 2.6E+06                       |                                   | 7.9E+04                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 3.0E-04                         | H                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | Thiofanox                                     | 39196-18-4 |                                       |                                  |                                      |                                        | 3.5E+02                          | 8.3E+02                       |                                   | 2.5E+02                                |  |  |
| 1.2E-02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | O                     |                                          |                       | 2.7E-02                         | O                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | Thiophanate, Methyl                           | 23564-05-8 | 2.8E+02                               | 6.7E+02                          |                                      | 2.0E+02                                | 3.1E+04                          | 7.4E+04                       |                                   | 2.2E+04                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 1.5E-02                         | O                     |                                          |                       | 1.4E+09                    |              |                             | 1                           | 0.1                        |       |     | Thiram                                        | 137-26-8   |                                       |                                  |                                      |                                        | 1.8E+04                          | 4.1E+04                       |                                   | 1.2E+04                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 6.0E-01                         | H                     |                                          |                       | 1.4E+09                    |              |                             | 1                           |                            |       |     | Tin                                           | 7440-31-5  |                                       |                                  |                                      |                                        | 7.0E+05                          |                               |                                   | 7.0E+05                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       | 8.0E-02                         | I                     | 5.0E+00                                  | I                     | V                          |              | 8.2E+02                     | 1.4E+09                     | 4.3E+03                    | 1     |     | Titanium Tetrachloride                        | 7550-45-0  |                                       |                                  |                                      |                                        | 9.3E+04                          |                               | 9.4E+04                           | 4.7E+04                                |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                          |                       |                                 |                       | 8.0E-06                                  |                       |                            |              |                             |                             |                            |       |     |                                               |            |                                       |                                  |                                      |                                        |                                  |                               |                                   |                                        |  |  |

