Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user's guide; U = user provided; ca = cancer; nc = noncancer; * = where: nc SL < 100X ca SL; ** = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer Child Hazard Index (HI) = 3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SFO (mg/kg-day)$^{-1}$ | key | IUR (ug/m$^3$)$^{-1}$ | key | $RfD_o$ (mg/kg-day) | key | $RfC_i$ (mg/m$^3$) | key | vol | mutagen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | $ABS_d$ | Analyte | CAS No. | Ingestion SL TR=1E-04 (mg/kg) | Dermal SL TR=1E-04 (mg/kg) | Inhalation SL TR=1E-04 (mg/kg) | Carcinogenic SL TR=1E-04 (mg/kg) | Ingestion SL Child THQ=3 (mg/kg) | Dermal SL Child THQ=3 (mg/kg) | Inhalation SL Child THQ=3 (mg/kg) | Noncarcinogenic SL Child THI=3 (mg/kg) |
| | | | | 3.0E-04 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Acephate | 30560-19-1 | | | | | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| | | 2.2E-06 | I | | | 9.0E-03 | I | V | | 1.07E+05 | 1.36E+09 | 8.72E+03 | 1 | | Acetaldehyde | 75-07-0 | | | 1.1E+03 | 1.1E+03 | | | 2.5E+02 | 2.5E+02 |
| | | | | 2.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Acetochlor | 34256-82-1 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 9.0E-01 | I | | | V | | 1.14E+05 | 1.36E+09 | 1.37E+04 | 1 | | Acetone | 67-64-1 | | | | | 2.1E+05 | | | 2.1E+05 |
| | | | | | | 2.0E-03 | X | | | | 1.36E+09 | | 1 | 0.1 | Acetone Cyanohydrin | 75-86-5 | | | | | | | 8.5E+06 | 8.5E+06 |
| | | | | | | 6.0E-02 | I | V | | 1.28E+05 | 1.36E+09 | 1.30E+04 | 1 | | Acetonitrile | 75-05-8 | | | | | | | 2.4E+03 | 2.4E+03 |
| | | | | 1.0E-01 | I | | | V | | 2.52E+03 | 1.36E+09 | 5.97E+04 | 1 | | Acetophenone | 98-86-2 | | | | | 2.3E+04 | | | 2.3E+04 |
| 3.8E+00 | C | 1.3E-03 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Acetylaminofluorene, 2- | 53-96-3 | 1.8E+01 | 6.5E+01 | 2.9E+05 | 1.4E+01 | | | | |
| | | | | 5.0E-04 | I | 2.0E-05 | I | V | | 2.27E+04 | 1.36E+09 | 6.91E+03 | 1 | | Acrolein | 107-02-8 | | | | | 1.2E+02 | | 4.3E-01 | 4.3E-01 |
| 5.0E-01 | I | 1.0E-04 | I | 2.0E-03 | I | 6.0E-03 | I | | M | | 1.36E+09 | | 1 | 0.1 | Acrylamide | 79-06-1 | 3.1E+01 | 1.2E+02 | 1.4E+06 | 2.4E+01 | 4.7E+02 | 2.0E+03 | 2.6E+07 | 3.8E+02 |
| | | | | 5.0E-01 | I | 2.0E-04 | P | V | | 1.09E+05 | 1.36E+09 | 9.53E+04 | 1 | | Acrylic Acid | 79-10-7 | | | | | 1.2E+05 | | 6.0E+01 | 6.0E+01 |
| 5.4E-01 | I | 6.8E-05 | I | 1.0E-02 | A | 2.0E-03 | I | V | | 1.13E+04 | 1.36E+09 | 7.69E+03 | 1 | | Acrylonitrile | 107-13-1 | 1.3E+02 | | 3.2E+01 | 2.5E+01 | 2.3E+03 | | 4.8E+01 | 4.7E+01 |
| | | | | | | 6.0E-03 | P | | | | 1.36E+09 | | 1 | 0.1 | Adiponitrile | 111-69-3 | | | | | | | 2.6E+07 | 2.6E+07 |
| 5.6E-02 | C | | | 1.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Alachlor | 15972-60-8 | 1.2E+03 | 4.4E+03 | | 9.7E+02 | 2.3E+03 | 9.9E+03 | | 1.9E+03 |
| | | | | 1.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Aldicarb | 116-06-3 | | | | | 2.3E+02 | 9.9E+02 | | 1.9E+02 |
| | | | | 1.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Aldicarb Sulfone | 1646-88-4 | | | | | 2.3E+02 | 9.9E+02 | | 1.9E+02 |
| | | | | | | | | | | | 1.36E+09 | | 1 | 0.1 | Aldicarb sulfoxide | 1646-87-3 | | | | | | | | |
| 1.7E+01 | I | 4.9E-03 | I | 3.0E-05 | I | | | V | | | 1.36E+09 | 1.72E+06 | 1 | | Aldrin | 309-00-2 | 4.1E+00 | | 9.8E+01 | 3.9E+00 | 7.0E+00 | | | 7.0E+00 |
| | | | | 4.0E-03 | P | 1.0E-04 | X | V | | 1.11E+05 | 1.36E+09 | 3.42E+04 | 1 | | Allyl Alcohol | 107-18-6 | | | | | 9.4E+02 | | 1.1E+01 | 1.1E+01 |
| 2.1E-02 | C | 6.0E-06 | C | | | 1.0E-03 | I | V | | 1.42E+03 | 1.36E+09 | 1.58E+03 | 1 | | Allyl Chloride | 107-05-1 | 3.3E+03 | | 7.4E+01 | 7.2E+01 | | | 5.0E+00 | 5.0E+00 |
| | | | | 1.0E+00 | P | 5.0E-03 | P | | | | 1.36E+09 | | 1 | | Aluminum | 7429-90-5 | | | | | 2.3E+05 | | 2.1E+07 | 2.3E+05 |
| | | | | 4.0E-04 | I | | | | | | 1.36E+09 | | 1 | | Aluminum Phosphide | 20859-73-8 | | | | | 9.4E+01 | | | 9.4E+01 |
| | | | | 9.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Ametryn | 834-12-8 | | | | | 2.1E+03 | 8.9E+03 | | 1.7E+03 |
| 2.1E+01 | C | 6.0E-03 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Aminobiphenyl, 4- | 92-67-1 | 3.3E+00 | 1.2E+01 | 6.4E+04 | 2.6E+00 | | | | |
| | | | | 8.0E-02 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Aminophenol, m- | 591-27-5 | | | | | 1.9E+04 | 7.9E+04 | | 1.5E+04 |
| | | | | 4.0E-03 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Aminophenol, o- | 95-55-6 | | | | | 9.4E+02 | 4.0E+03 | | 7.6E+02 |
| | | | | 2.0E-02 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Aminophenol, p- | 123-30-8 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 2.5E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Amitraz | 33089-61-1 | | | | | 5.9E+02 | 2.5E+03 | | 4.7E+02 |
| | | | | | | 5.0E-01 | I | V | | | | | 1 | | Ammonia | 7664-41-7 | | | | | | | | |
| | | | | 2.0E-03 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Ammonium Picrate | 131-74-8 | | | | | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| | | | | 2.0E-01 | I | | | | | | 1.36E+09 | | 1 | | Ammonium Sulfamate | 7773-06-0 | | | | | 4.7E+04 | | | 4.7E+04 |
| | | | | | | 3.0E-03 | X | V | | 1.37E+04 | 1.36E+09 | 2.62E+04 | 1 | | Amyl Alcohol, tert- | 75-85-4 | | | | | | | 2.5E+02 | 2.5E+02 |
| 5.7E-03 | I | 1.6E-06 | C | 7.0E-03 | P | 1.0E-03 | I | | | | 1.36E+09 | | 1 | 0.1 | Aniline | 62-53-3 | 1.2E+04 | 4.3E+04 | 2.4E+08 | 9.5E+03 | 1.6E+03 | 6.9E+03 | 4.3E+06 | 1.3E+03 |
| 4.0E-02 | P | | | 2.0E-03 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Anthraquinone, 9,10- | 84-65-1 | 1.7E+03 | 6.2E+03 | | 1.4E+03 | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| | | | | 4.0E-04 | I | 3.0E-04 | A | | | | 1.36E+09 | | 0.15 | | Antimony (metallic) | 7440-36-0 | | | | | 9.4E+01 | | 1.3E+06 | 9.4E+01 |
| | | | | 5.0E-04 | H | | | | | | 1.36E+09 | | 0.15 | | Antimony Pentoxide | 1314-60-9 | | | | | 1.2E+02 | | | 1.2E+02 |
| | | | | 4.0E-04 | H | | | | | | 1.36E+09 | | 0.15 | | Antimony Tetroxide | 1332-81-6 | | | | | 9.4E+01 | | | 9.4E+01 |
| | | | | | | 2.0E-04 | I | | | | 1.36E+09 | | 0.15 | | Antimony Trioxide | 1309-64-4 | | | | | | | 8.5E+05 | 8.5E+05 |
| 1.5E+00 | I | 4.3E-03 | I | 3.0E-04 | I | 1.5E-05 | C | | | | 1.36E+09 | | 1 | 0.03 | Arsenic, Inorganic | 7440-38-2 | 7.7E+01 | 5.5E+02 | 8.9E+04 | 6.8E+01 | 1.2E+02 | 9.9E+02 | 6.4E+04 | 1.0E+02 |
| | | | | 3.5E-06 | C | 5.0E-05 | I | | | | 1.36E+09 | | 1 | | Arsine | 7784-42-1 | | | | | 8.2E-01 | | 2.1E+05 | 8.2E-01 |
| | | | | | | | | | | | | | 1 | | Asbestos (units in fibers) | 1332-21-4 | | | | | | | | |
| | | | | 3.6E-01 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Asulam | 3337-71-1 | | | | | 8.4E+04 | 3.6E+05 | | 6.8E+04 |
| 2.3E-01 | C | | | 3.0E-03 | A | | | | | | 1.36E+09 | | 1 | 0.1 | Atrazine | 1912-24-9 | 3.0E+02 | 1.1E+03 | | 2.4E+02 | 7.0E+02 | 3.0E+03 | | 5.7E+02 |
| 8.8E-01 | C | 2.5E-04 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Auramine | 492-80-8 | 7.9E+01 | 2.8E+02 | 1.5E+06 | 6.2E+01 | | | | |
| | | | | 4.0E-04 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Avermectin B1 | 65195-55-3 | | | | | 9.4E+01 | 4.0E+02 | | 7.6E+01 |
| | | | | 3.0E-03 | A | 1.0E-02 | A | | | | 1.36E+09 | | 1 | 0.1 | Azinphos-methyl | 86-50-0 | | | | | 7.0E+02 | 3.0E+03 | 4.3E+07 | 5.7E+02 |
| 1.1E-01 | I | 3.1E-05 | I | | | | | V | | | 1.36E+09 | 5.23E+05 | 1 | | Azobenzene | 103-33-3 | 6.3E+02 | | 4.7E+03 | 5.6E+02 | | | | |
| | | | | 1.0E+00 | P | 7.0E-06 | P | | | | 1.36E+09 | | 1 | 0.1 | Azodicarbonamide | 123-77-3 | | | | | 2.3E+05 | 9.9E+05 | 3.0E+04 | 2.6E+04 |
| | | | | 2.0E-01 | I | 5.0E-04 | H | | | | 1.36E+09 | | 0.07 | | Barium | 7440-39-3 | | | | | 4.7E+04 | | 2.1E+06 | 4.6E+04 |
| | | | | 5.0E-03 | O | | | V | | | 1.36E+09 | 3.07E+05 | 1 | | Benfluralin | 1861-40-1 | | | | | 1.2E+03 | | | 1.2E+03 |
| | | | | 5.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Benomyl | 17804-35-2 | | | | | 1.2E+04 | 4.9E+04 | | 9.5E+03 |
| | | | | 2.0E-01 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Bensulfuron-methyl | 83055-99-6 | | | | | 4.7E+04 | 2.0E+05 | | 3.8E+04 |
| | | | | 3.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Bentazon | 25057-89-0 | | | | | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| 4.0E-03 | P | | | 1.0E-01 | I | | | V | | 1.16E+03 | 1.36E+09 | 2.25E+04 | 1 | | Benzaldehyde | 100-52-7 | 1.7E+04 | | | 1.7E+04 | 2.3E+04 | | | 2.3E+04 |
| 5.5E-02 | I | 7.8E-06 | I | 4.0E-03 | I | 3.0E-02 | I | V | | 1.82E+03 | 1.36E+09 | 3.54E+03 | 1 | | Benzene | 71-43-2 | 1.3E+03 | | 1.3E+02 | 1.2E+02 | 9.4E+02 | | 3.3E+02 | 2.5E+02 |
| 1.0E-01 | X | | | 3.0E-04 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Benzenediamine-2-methyl sulfate, 1,4- | 6369-59-1 | 7.0E+02 | 2.5E+03 | | 5.4E+02 | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| | | | | 1.0E-03 | P | | | V | | 1.26E+03 | 1.36E+09 | 1.94E+04 | 1 | | Benzenethiol | 108-98-5 | | | | | 2.3E+02 | | | 2.3E+02 |
| 2.3E+02 | I | 6.7E-02 | I | 3.0E-03 | I | | | | M | | 1.36E+09 | | 1 | 0.1 | Benzidine | 92-87-5 | 6.7E-02 | 2.6E-01 | 2.1E+03 | 5.3E-02 | 7.0E+02 | 3.0E+03 | | 5.7E+02 |
| | | | | 4.0E+00 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Benzoic Acid | 65-85-0 | | | | | 9.4E+05 | 4.0E+06 | | 7.6E+05 |
| 1.3E+01 | I | | | | | | | V | | 3.24E+02 | 1.36E+09 | 6.76E+04 | 1 | | Benzotrichloride | 98-07-7 | 5.3E+00 | | | 5.3E+00 | | | | |
| | | | | 1.0E-01 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Benzyl Alcohol | 100-51-6 | | | | | 2.3E+04 | 9.9E+04 | | 1.9E+04 |
| 1.7E-01 | I | 4.9E-05 | C | 2.0E-03 | P | 1.0E-03 | P | V | | 1.46E+03 | 1.36E+09 | 2.55E+04 | 1 | | Benzyl Chloride | 100-44-7 | 4.1E+02 | | 1.5E+02 | 1.1E+02 | 4.7E+02 | | 8.0E+01 | 6.8E+01 |
| | | 2.4E-03 | I | 2.0E-03 | I | 2.0E-05 | I | | | | 1.36E+09 | | 0.007 | | Beryllium and compounds | 7440-41-7 | | | 1.6E+05 | 1.6E+05 | 4.7E+02 | | 8.5E+04 | 4.7E+02 |
| | | | | 9.0E-03 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Bifenox | 42576-02-3 | | | | | 2.1E+03 | 8.9E+03 | | 1.7E+03 |
| | | | | 1.5E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Biphenthrin | 82657-04-3 | | | | | 3.5E+03 | 1.5E+04 | | 2.8E+03 |
| 8.0E-03 | I | | | 5.0E-01 | I | 4.0E-04 | X | V | | | 1.36E+09 | 1.14E+05 | 1 | | Biphenyl, 1,1'- | 92-52-4 | 8.7E+03 | | | 8.7E+03 | 1.2E+05 | | 1.4E+02 | 1.4E+02 |
| | | | | 4.0E-02 | I | | | V | | 1.02E+03 | 1.36E+09 | 3.50E+04 | 1 | | Bis(2-chloro-1-methylethyl) ether | 108-60-1 | | | | | 9.4E+03 | | | 9.4E+03 |
| | | | | 3.0E-03 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Bis(2-chloroethoxy)methane | 111-91-1 | | | | | 7.0E+02 | 3.0E+03 | | 5.7E+02 |
| 1.1E+00 | I | 3.3E-04 | I | | | | | V | | 5.05E+03 | 1.36E+09 | 4.25E+04 | 1 | | Bis(2-chloroethyl)ether | 111-44-4 | 6.3E+01 | | 3.6E+01 | 2.3E+01 | | | | |
| 2.2E+02 | I | 6.2E-02 | I | | | | | V | | 4.22E+03 | 1.36E+09 | 1.88E+03 | 1 | | Bis(chloromethyl)ether | 542-88-1 | 3.2E-01 | | 8.5E-03 | 8.3E-03 | | | | |
| | | | | 5.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Bisphenol A | 80-05-7 | | | | | 1.2E+04 | 4.9E+04 | | 9.5E+03 |
| | | | | 2.0E-01 | I | 2.0E-02 | H | | | | 1.36E+09 | | 1 | | Boron And Borates Only | 7440-42-8 | | | | | 4.7E+04 | | 8.5E+07 | 4.7E+04 |
| | | | | 2.0E+00 | P | 2.0E-02 | P | V | | | 1.36E+09 | | 1 | | Boron Trichloride | 10294-34-5 | | | | | 4.7E+05 | | 8.5E+07 | 4.7E+05 |
| | | | | 4.0E-02 | C | 1.3E-02 | C | V | | | 1.36E+09 | | 1 | | Boron Trifluoride | 7637-07-2 | | | | | 9.4E+03 | | 5.5E+07 | 9.4E+03 |
| 7.0E-01 | I | | | 4.0E-03 | I | | | | | | 1.36E+09 | | 1 | | Bromate | 15541-45-4 | 9.9E+01 | | | 9.9E+01 | 9.4E+02 | | | 9.4E+02 |
| | | | | 1.0E-04 | X | 6.0E-05 | X | V | | 2.38E+03 | 1.36E+09 | 5.92E+03 | 1 | | Bromo-2-chloroethane, 1- | 107-04-0 | | | | | 2.3E+01 | | 1.1E+00 | 1.1E+00 |
| | | | | 3.0E-04 | X | | | V | | 8.96E+02 | 1.36E+09 | 1.12E+04 | 1 | | Bromo-3-fluorobenzene, 1- | 1073-06-9 | | | | | 7.0E+01 | | | 7.0E+01 |
| | | | | 3.0E-04 | X | | | V | | 3.23E+02 | 1.36E+09 | 1.14E+04 | 1 | | Bromo-4-fluorobenzene, 1- | 460-00-4 | | | | | 7.0E+01 | | | 7.0E+01 |

RMLS TR=1E-04 THQ=3

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user's guide; U = user provided; ca = cancer; nc = noncancer; * = where: nc SL < 100X ca SL; ** = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer Child Hazard Index (HI) = 3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SFO (mg/kg-day)$^{-1}$ | key | IUR (ug/m$^3$)$^{-1}$ | key | $RfD_o$ (mg/kg-day) | key | $RfC_i$ (mg/m$^3$) | key | vol | mutagen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | $ABS_d$ | Analyte | CAS No. | Ingestion SL TR=1E-04 (mg/kg) | Dermal SL TR=1E-04 (mg/kg) | Inhalation SL TR=1E-04 (mg/kg) | Carcinogenic SL TR=1E-04 (mg/kg) | Ingestion SL Child THQ=3 (mg/kg) | Dermal SL Child THQ=3 (mg/kg) | Inhalation SL Child THQ=3 (mg/kg) | Noncarcinogenic SL Child THI=3 (mg/kg) |
| | | | | | | | | | | | 1.36E+09 | | 1 | 0.1 | Bromoacetic acid | 79-08-3 | | | | | | | | |
| | | | | 8.0E-03 | I | 6.0E-02 | I | V | | 6.79E+02 | 1.36E+09 | 8.37E+03 | 1 | | Bromobenzene | 108-86-1 | | | | | 1.9E+03 | | 1.6E+03 | 8.6E+02 |
| | | | | | | 4.0E-02 | X | V | | 4.04E+03 | 1.36E+09 | 3.58E+03 | 1 | | Bromochloromethane | 74-97-5 | | | | | | | 4.5E+02 | 4.5E+02 |
| 6.2E-02 | I | 3.7E-05 | C | 8.0E-03 | P | | | V | | 9.32E+02 | 1.36E+09 | 3.97E+03 | 1 | | Bromodichloromethane | 75-27-4 | 1.1E+03 | | 3.0E+01 | 2.9E+01 | 1.9E+03 | | | 1.9E+03 |
| 7.9E-03 | I | 1.1E-06 | I | 2.0E-02 | I | | | V | | 9.15E+02 | 1.36E+09 | 9.70E+03 | 1 | | Bromoform | 75-25-2 | 8.8E+03 | | 2.5E+03 | 1.9E+03 | 4.7E+03 | | | 4.7E+03 |
| | | | | 1.4E-03 | I | 5.0E-03 | I | V | | 3.59E+03 | 1.36E+09 | 1.40E+03 | 1 | | Bromomethane | 74-83-9 | | | | | 3.3E+02 | | 2.2E+01 | 2.1E+01 |
| | | | | 5.0E-03 | H | | | V | | | 1.36E+09 | 1.24E+05 | 1 | | Bromophos | 2104-96-3 | | | | | 1.2E+03 | | | 1.2E+03 |
| | | | | | | 1.0E-01 | A | V | | 9.66E+02 | 1.36E+09 | 2.14E+03 | 1 | | Bromopropane, 1- | 106-94-5 | | | | | | | 6.7E+02 | 6.7E+02 |
| 1.0E-01 | O | | | 1.5E-02 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Bromoxynil | 1689-84-5 | 6.7E+02 | 2.4E+03 | | 5.3E+02 | 3.5E+03 | 1.5E+04 | | 2.8E+03 |
| 1.0E-01 | O | | | 1.5E-02 | O | | | V | | | 1.36E+09 | 4.74E+05 | 1 | | Bromoxynil Octanoate | 1689-99-2 | 6.7E+02 | | | 6.7E+02 | 3.5E+03 | | | 3.5E+03 |
| 6.0E-01 | C | 3.0E-05 | I | | | 2.0E-03 | I | V | | 6.67E+02 | 1.36E+09 | 8.66E+02 | 1 | | Butadiene, 1,3- | 106-99-0 | 1.2E+02 | | 8.1E+00 | 7.6E+00 | | | 5.4E+00 | 5.4E+00 |
| | | | | 1.0E-01 | I | | | V | | 7.64E+03 | 1.36E+09 | 3.00E+04 | 1 | | Butanol, N- | 71-36-3 | | | | | 2.3E+04 | | | 2.3E+04 |
| 5.0E-04 | I | | | 4.0E-01 | I | 5.0E+00 | I | V | | | 1.36E+09 | 2.87E+04 | 1 | | Butyl Alcohol, t- | 75-65-0 | 1.4E+05 | | | 1.4E+05 | 9.4E+04 | | 4.5E+05 | 7.8E+04 |
| | | | | 2.0E+00 | P | 3.0E+01 | P | V | | 2.13E+04 | 1.36E+09 | 2.92E+04 | 1 | | Butyl alcohol, sec- | 78-92-2 | | | | | 4.7E+05 | | 2.7E+06 | 4.0E+05 |
| | | | | 5.0E-02 | I | | | V | | | 1.36E+09 | 8.63E+04 | 1 | | Butylate | 2008-41-5 | | | | | 1.2E+04 | | | 1.2E+04 |
| 2.0E-04 | C | 5.7E-08 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Butylated hydroxyanisole | 25013-16-5 | 3.5E+05 | 1.2E+06 | 6.7E+09 | 2.7E+05 | | | | |
| 3.6E-03 | P | | | 3.0E-01 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Butylated hydroxytoluene | 128-37-0 | 1.9E+04 | 6.9E+04 | | 1.5E+04 | 7.0E+04 | 3.0E+05 | | 5.7E+04 |
| | | | | 5.0E-02 | P | | | V | | 1.08E+02 | 1.36E+09 | 8.14E+03 | 1 | | Butylbenzene, n- | 104-51-8 | | | | | 1.2E+04 | | | 1.2E+04 |
| | | | | 1.0E-01 | X | | | V | | 1.45E+02 | 1.36E+09 | 7.35E+03 | 1 | | Butylbenzene, sec- | 135-98-8 | | | | | 2.3E+04 | | | 2.3E+04 |
| | | | | 1.0E-01 | X | | | V | | 1.83E+02 | 1.36E+09 | 7.36E+03 | 1 | | Butylbenzene, tert- | 98-06-6 | | | | | 2.3E+04 | | | 2.3E+04 |
| | | | | 2.0E-02 | A | | | | | | 1.36E+09 | | 1 | 0.1 | Cacodylic Acid | 75-60-5 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | 1.8E-03 | I | 1.0E-04 | A | 1.0E-05 | A | | | | 1.36E+09 | | 0.025 | 0.001 | Cadmium (Diet) | 7440-43-9 | | | 2.1E+05 | 2.1E+05 | 2.3E+01 | 2.5E+02 | 4.3E+04 | 2.1E+01 |
| | | 1.8E-03 | I | 1.0E-04 | A | 1.0E-05 | A | | | | | | 0.05 | 0.001 | Cadmium (Water) | 7440-43-9 | | | | | | | | |
| | | | | 5.0E-01 | I | 2.2E-03 | C | | | | 1.36E+09 | | 1 | 0.1 | Caprolactam | 105-60-2 | | | | | 1.2E+05 | 4.9E+05 | 9.4E+06 | 9.4E+04 |
| 1.5E-01 | C | 4.3E-05 | C | 2.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Captafol | 2425-06-1 | 4.6E+02 | 1.6E+03 | 8.9E+06 | 3.6E+02 | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| 2.3E-03 | C | 6.6E-07 | C | 1.3E-01 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Captan | 133-06-2 | 3.0E+04 | 1.1E+05 | 5.8E+08 | 2.4E+04 | 3.1E+04 | 1.3E+05 | | 2.5E+04 |
| | | | | 1.0E-01 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Carbaryl | 63-25-2 | | | | | 2.3E+04 | 9.9E+04 | | 1.9E+04 |
| | | | | 5.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Carbofuran | 1563-66-2 | | | | | 1.2E+03 | 4.9E+03 | | 9.5E+02 |
| | | | | 1.0E-01 | I | 7.0E-01 | I | V | | 7.38E+02 | 1.36E+09 | 1.17E+03 | 1 | | Carbon Disulfide | 75-15-0 | | | | | 2.3E+04 | | 2.6E+03 | 2.3E+03 |
| 7.0E-02 | I | 6.0E-06 | I | 4.0E-03 | I | 1.0E-01 | I | V | | 4.58E+02 | 1.36E+09 | 1.49E+03 | 1 | | Carbon Tetrachloride | 56-23-5 | 9.9E+02 | | 7.0E+01 | 6.5E+01 | 9.4E+02 | | 4.7E+02 | 3.1E+02 |
| | | | | | | 1.0E-01 | P | V | | 5.89E+03 | 1.36E+09 | 6.46E+02 | 1 | | Carbonyl Sulfide | 463-58-1 | | | | | | | 2.0E+02 | 2.0E+02 |
| | | | | 1.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Carbosulfan | 55285-14-8 | | | | | 2.3E+03 | 9.9E+03 | | 1.9E+03 |
| | | | | 1.0E-01 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Carboxin | 5234-68-4 | | | | | 2.3E+04 | 9.9E+04 | | 1.9E+04 |
| | | | | | | 9.0E-04 | I | | | | 1.36E+09 | | 1 | | Ceric oxide | 1306-38-3 | | | | | | | 3.8E+06 | 3.8E+06 |
| | | | | 1.0E-01 | I | | | V | | | 1.36E+09 | 1.45E+05 | 1 | | Chloral Hydrate | 302-17-0 | | | | | 2.3E+04 | | | 2.3E+04 |
| | | | | 1.5E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Chloramben | 133-90-4 | | | | | 3.5E+03 | 1.5E+04 | | 2.8E+03 |
| | | | | | | | | | | | 1.36E+09 | | 1 | 0.1 | Chloramines, Organic | E701235 | | | | | | | | |
| 4.0E-01 | H | | | | | | | | | | 1.36E+09 | | 1 | 0.1 | Chloranil | 118-75-2 | 1.7E+02 | 6.1E+02 | | 1.3E+02 | | | | |
| | | | | 5.0E-04 | G | | | V | | | 1.36E+09 | 1.49E+06 | 1 | 0.04 | Chlordane (alpha) | 5103-71-9 | | | | | 1.2E+02 | 1.2E+03 | | 1.1E+02 |
| | | | | 5.0E-04 | G | | | V | | | 1.36E+09 | 1.49E+06 | 1 | 0.04 | Chlordane (gamma) | 5103-74-2 | | | | | 1.2E+02 | 1.2E+03 | | 1.1E+02 |
| 3.5E-01 | I | 1.0E-04 | I | 5.0E-04 | I | 7.0E-04 | I | V | | | 1.36E+09 | 1.53E+06 | 1 | 0.04 | Chlordane (technical mixture) | 12789-03-6 | 2.0E+02 | 1.8E+03 | 4.3E+03 | 1.7E+02 | 1.2E+02 | 1.2E+03 | 3.3E+03 | 1.0E+02 |
| 1.0E+01 | I | 4.6E-03 | C | 3.0E-04 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Chlordecone (Kepone) | 143-50-0 | 7.0E+00 | 2.5E+01 | 8.3E+04 | 5.4E+00 | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| | | | | 7.0E-04 | A | | | | | | 1.36E+09 | | 1 | 0.1 | Chlorfenvinphos | 470-90-6 | | | | | 1.6E+02 | 6.9E+02 | | 1.3E+02 |
| | | | | 9.0E-02 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Chlorimuron, Ethyl- | 90982-32-4 | | | | | 2.1E+04 | 8.9E+04 | | 1.7E+04 |
| | | | | 1.0E-01 | I | 1.5E-04 | A | V | | 2.78E+03 | 1.36E+09 | 1.22E+03 | 1 | | Chlorine | 7782-50-5 | | | | | 2.3E+04 | | 5.5E-01 | 5.5E-01 |
| | | | | 3.0E-02 | I | 2.0E-04 | I | V | | | 1.36E+09 | | 1 | | Chlorine Dioxide | 10049-04-4 | | | | | 7.0E+03 | | 8.5E+05 | 7.0E+03 |
| | | | | 3.0E-02 | I | | | | | | 1.36E+09 | | 1 | | Chlorite (Sodium Salt) | 7758-19-2 | | | | | 7.0E+03 | | | 7.0E+03 |
| | | | | | | 5.0E+01 | I | V | | 1.15E+03 | 1.36E+09 | 1.03E+03 | 1 | | Chloro-1,1-difluoroethane, 1- | 75-68-3 | | | | | | | 1.6E+05 | 1.6E+05 |
| | | 3.0E-04 | I | 2.0E-02 | H | 2.0E-02 | I | V | | 7.86E+02 | 1.36E+09 | 1.08E+03 | 1 | | Chloro-1,3-butadiene, 2- | 126-99-8 | | | 1.0E+00 | 1.0E+00 | 4.7E+03 | | 6.7E+01 | 6.6E+01 |
| 4.6E-01 | H | | | | | | | | | | 1.36E+09 | | 1 | 0.1 | Chloro-2-methylaniline HCl, 4- | 3165-93-3 | 1.5E+02 | 5.4E+02 | | 1.2E+02 | | | | |
| 1.0E-01 | P | 7.7E-05 | C | 3.0E-03 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Chloro-2-methylaniline, 4- | 95-69-2 | 7.0E+02 | 2.5E+03 | 5.0E+06 | 5.4E+02 | 7.0E+02 | 3.0E+03 | | 5.7E+02 |
| 2.7E-01 | X | | | | | | | V | | 1.18E+04 | 1.36E+09 | 1.62E+04 | 1 | | Chloroacetaldehyde, 2- | 107-20-0 | 2.6E+02 | | | 2.6E+02 | | | | |
| | | | | | | | | | | | 1.36E+09 | | 1 | 0.1 | Chloroacetic Acid | 79-11-8 | | | | | | | | |
| | | | | | | 3.0E-05 | I | | | | 1.36E+09 | | 1 | 0.1 | Chloroacetophenone, 2- | 532-27-4 | | | | | | | 1.3E+05 | 1.3E+05 |
| 2.0E-01 | P | | | 5.0E-04 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Chloroaniline, p- | 106-47-8 | 3.5E+02 | 1.2E+03 | | 2.7E+02 | 1.2E+02 | 4.9E+02 | | 9.5E+01 |
| | | | | 2.0E-02 | I | 5.0E-02 | P | V | | 7.61E+02 | 1.36E+09 | 6.45E+03 | 1 | | Chlorobenzene | 108-90-7 | | | | | 4.7E+03 | | 1.0E+03 | 8.3E+02 |
| | | | | 1.0E-01 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Chlorobenzene sulfonic acid, p- | 98-66-8 | | | | | 2.3E+04 | 9.9E+04 | | 1.9E+04 |
| 1.1E-01 | C | 3.1E-05 | C | 2.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Chlorobenzilate | 510-15-6 | 6.3E+02 | 2.2E+03 | 1.2E+07 | 4.9E+02 | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 3.0E-02 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Chlorobenzoic Acid, p- | 74-11-3 | | | | | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| | | 8.6E-06 | C | 3.0E-03 | P | 3.0E-01 | P | V | | 2.90E+02 | 1.36E+09 | 6.76E+03 | 1 | | Chlorobenzotrifluoride, 4- | 98-56-6 | | | 2.2E+02 | 2.2E+02 | 7.0E+02 | | 6.3E+03 | 6.3E+02 |
| | | | | 4.0E-02 | P | | | V | | 7.28E+02 | 1.36E+09 | 1.76E+03 | 1 | | Chlorobutane, 1- | 109-69-3 | | | | | 9.4E+03 | | | 9.4E+03 |
| | | | | | | 5.0E+01 | I | V | | 1.68E+03 | 1.36E+09 | 9.38E+02 | 1 | | Chlorodifluoromethane | 75-45-6 | | | | | | | 1.5E+05 | 1.5E+05 |
| | | | | 2.0E-02 | P | | | V | | 1.11E+05 | 1.36E+09 | 7.81E+04 | 1 | | Chloroethanol, 2- | 107-07-3 | | | | | 4.7E+03 | | | 4.7E+03 |
| 3.1E-02 | C | 2.3E-05 | I | 1.0E-02 | I | 9.8E-02 | A | V | | 2.54E+03 | 1.36E+09 | 2.63E+03 | 1 | | Chloroform | 67-66-3 | 2.2E+03 | | 3.2E+01 | 3.2E+01 | 2.3E+03 | | 8.0E+02 | 6.0E+02 |
| | | | | | | 9.0E-02 | I | V | | 1.32E+03 | 1.36E+09 | 1.18E+03 | 1 | | Chloromethane | 74-87-3 | | | | | | | 3.3E+02 | 3.3E+02 |
| 2.4E+00 | C | 6.9E-04 | C | | | | | V | | 9.32E+03 | 1.36E+09 | 5.33E+03 | 1 | | Chloromethyl Methyl Ether | 107-30-2 | 2.9E+01 | | 2.2E+00 | 2.0E+00 | | | | |
| 3.0E-01 | P | | | 3.0E-03 | P | 1.0E-05 | X | | | | 1.36E+09 | | 1 | 0.1 | Chloronitrobenzene, o- | 88-73-3 | 2.3E+02 | 8.2E+02 | | 1.8E+02 | 7.0E+02 | 3.0E+03 | 4.3E+04 | 5.6E+02 |
| 6.0E-02 | P | | | 7.0E-04 | P | 2.0E-03 | P | | | | 1.36E+09 | | 1 | 0.1 | Chloronitrobenzene, p- | 100-00-5 | 1.2E+03 | 4.1E+03 | | 9.0E+02 | 1.6E+02 | 6.9E+02 | 8.5E+06 | 1.3E+02 |
| | | | | 5.0E-03 | I | | | V | | 2.74E+04 | 1.36E+09 | 1.39E+05 | 1 | | Chlorophenol, 2- | 95-57-8 | | | | | 1.2E+03 | | | 1.2E+03 |
| | | | | | | 4.0E-04 | C | V | | 6.17E+02 | 1.36E+09 | 4.68E+03 | 1 | | Chloropicrin | 76-06-2 | | | | | | | 5.9E+00 | 5.9E+00 |
| 1.7E-02 | C | | | 1.5E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Chlorothalonil | 1897-45-6 | 4.1E+03 | 1.5E+04 | | 3.2E+03 | 3.5E+03 | 1.5E+04 | | 2.8E+03 |
| | | | | 2.0E-02 | I | | | V | | 9.07E+02 | 1.36E+09 | 8.12E+03 | 1 | | Chlorotoluene, o- | 95-49-8 | | | | | 4.7E+03 | | | 4.7E+03 |
| | | | | 2.0E-02 | X | | | V | | 2.53E+02 | 1.36E+09 | 7.29E+03 | 1 | | Chlorotoluene, p- | 106-43-4 | | | | | 4.7E+03 | | | 4.7E+03 |
| 2.4E+02 | C | 6.9E-02 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Chlorozotocin | 54749-90-5 | 2.9E-01 | 1.0E+00 | 5.5E+03 | 2.3E-01 | | | | |
| | | | | 5.0E-03 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Chlorpropham | 101-21-3 | | | | | 1.2E+03 | 4.9E+03 | | 9.5E+02 |
| | | | | 1.0E-03 | A | | | | | | 1.36E+09 | | 1 | 0.1 | Chlorpyrifos | 2921-88-2 | | | | | 2.3E+02 | 9.9E+02 | | 1.9E+02 |
| | | | | 1.0E-02 | H | | | | | | 1.36E+09 | | 1 | 0.1 | Chlorpyrifos Methyl | 5598-13-0 | | | | | 2.3E+03 | 9.9E+03 | | 1.9E+03 |
| | | | | 5.0E-02 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Chlorsulfuron | 64902-72-3 | | | | | 1.2E+04 | 4.9E+04 | | 9.5E+03 |

RMLS
TR=1E-04
THQ=3

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user's guide; U = user provided; ca = cancer; nc = noncancer; * = where: nc SL < 100X ca SL; ** = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer Child Hazard Index (HI) = 3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SFO (mg/kg-day)$^{-1}$ | key | IUR (ug/m$^3$)$^{-1}$ | key | $RfD_o$ (mg/kg-day) | key | $RfC_i$ (mg/m$^3$) | key | vol | mutagen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | $ABS_d$ | Analyte | CAS No. | Ingestion SL TR=1E-04 (mg/kg) | Dermal SL TR=1E-04 (mg/kg) | Inhalation SL TR=1E-04 (mg/kg) | Carcinogenic SL TR=1E-04 (mg/kg) | Ingestion SL Child THQ=3 (mg/kg) | Dermal SL Child THQ=3 (mg/kg) | Inhalation SL Child THQ=3 (mg/kg) | Noncarcinogenic SL Child THI=3 (mg/kg) |
| | | | | 1.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Chlorthal-dimethyl | 1861-32-1 | | | | | 2.3E+03 | 9.9E+03 | | 1.9E+03 |
| | | | | 8.0E-04 | H | | | | | | 1.36E+09 | | 1 | 0.1 | Chlorthiophos | 60238-56-4 | | | | | 1.9E+02 | 7.9E+02 | | 1.5E+02 |
| | | | | 1.5E+00 | I | | | | | | 1.36E+09 | | 0.013 | | Chromium(III), Insoluble Salts | 16065-83-1 | | | | | 3.5E+05 | | | 3.5E+05 |
| 5.0E-01 | C | 8.4E-02 | G | 3.0E-03 | I | 1.0E-04 | I | | M | | 1.36E+09 | | 0.025 | | Chromium(VI) | 18540-29-9 | 3.1E+01 | | 1.6E+03 | 3.0E+01 | 7.0E+02 | | 4.3E+05 | 7.0E+02 |
| | | | | | | | | | | | 1.36E+09 | | 0.013 | | Chromium, Total | 7440-47-3 | | | | | | | | |
| | | | | 1.3E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Clofentezine | 74115-24-5 | | | | | 3.1E+03 | 1.3E+04 | | 2.5E+03 |
| | | 9.0E-03 | P | 3.0E-04 | P | 6.0E-06 | P | | | | 1.36E+09 | | 1 | | Cobalt | 7440-48-4 | | | 4.2E+04 | 4.2E+04 | 7.0E+01 | | 2.6E+04 | 7.0E+01 |
| | | 6.2E-04 | I | | | | | V | M | | | | 1 | | Coke Oven Emissions | E649830 | | | | | | | | |
| | | | | 4.0E-02 | H | | | | | | 1.36E+09 | | 1 | | Copper | 7440-50-8 | | | | | 9.4E+03 | | | 9.4E+03 |
| | | | | 5.0E-02 | I | 6.0E-01 | C | | | | 1.36E+09 | | 1 | 0.1 | Cresol, m- | 108-39-4 | | | | | 1.2E+04 | 4.9E+04 | 2.6E+09 | 9.5E+03 |
| | | | | 5.0E-02 | I | 6.0E-01 | C | | | | 1.36E+09 | | 1 | 0.1 | Cresol, o- | 95-48-7 | | | | | 1.2E+04 | 4.9E+04 | 2.6E+09 | 9.5E+03 |
| | | | | 2.0E-02 | P | 6.0E-01 | C | | | | 1.36E+09 | | 1 | 0.1 | Cresol, p- | 106-44-5 | | | | | 4.7E+03 | 2.0E+04 | 2.6E+09 | 3.8E+03 |
| | | | | 1.0E-01 | A | | | | | | 1.36E+09 | | 1 | 0.1 | Cresol, p-chloro-m- | 59-50-7 | | | | | 2.3E+04 | 9.9E+04 | | 1.9E+04 |
| | | | | 1.0E-01 | A | 6.0E-01 | C | | | | 1.36E+09 | | 1 | 0.1 | Cresols | 1319-77-3 | | | | | 2.3E+04 | 9.9E+04 | 2.6E+09 | 1.9E+04 |
| 1.9E+00 | H | | | 1.0E-03 | P | | | V | | 1.66E+04 | 1.36E+09 | 1.89E+04 | 1 | | Crotonaldehyde, trans- | 123-73-9 | 3.7E+01 | | | 3.7E+01 | 2.3E+02 | | | 2.3E+02 |
| | | | | 1.0E-01 | I | 4.0E-01 | I | V | | 2.68E+02 | 1.36E+09 | 6.21E+03 | 1 | | Cumene | 98-82-8 | | | | | 2.3E+04 | | 7.8E+03 | 5.8E+03 |
| 2.2E-01 | C | 6.3E-05 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Cupferron | 135-20-6 | 3.2E+02 | 1.1E+03 | 6.1E+06 | 2.5E+02 | | | | |
| 8.4E-01 | H | | | 2.0E-03 | H | | | | | | 1.36E+09 | | 1 | 0.1 | Cyanazine | 21725-46-2 | 8.3E+01 | 2.9E+02 | | 6.5E+01 | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| | | | | | | | | | | | | | | | Cyanides | | | | | | | | | |
| | | | | 1.0E-03 | I | | | | | | 1.36E+09 | | 1 | | ~Calcium Cyanide | 592-01-8 | | | | | 2.3E+02 | | | 2.3E+02 |
| | | | | 5.0E-03 | I | | | | | | 1.36E+09 | | 1 | | ~Copper Cyanide | 544-92-3 | | | | | 1.2E+03 | | | 1.2E+03 |
| | | | | 6.0E-04 | I | 8.0E-04 | G | V | | 9.54E+05 | 1.36E+09 | 5.33E+04 | 1 | | ~Cyanide (CN-) | 57-12-5 | | | | | 1.4E+02 | | 1.3E+02 | 6.9E+01 |
| | | | | 1.0E-03 | I | | | V | | | 1.36E+09 | | 1 | | ~Cyanogen | 460-19-5 | | | | | 2.3E+02 | | | 2.3E+02 |
| | | | | 9.0E-02 | I | | | V | | | 1.36E+09 | | 1 | | ~Cyanogen Bromide | 506-68-3 | | | | | 2.1E+04 | | | 2.1E+04 |
| | | | | 5.0E-02 | I | | | V | | | 1.36E+09 | | 1 | | ~Cyanogen Chloride | 506-77-4 | | | | | 1.2E+04 | | | 1.2E+04 |
| | | | | 6.0E-04 | I | 8.0E-04 | I | V | | 1.00E+07 | 1.36E+09 | 5.22E+04 | 1 | | ~Hydrogen Cyanide | 74-90-8 | | | | | 1.4E+02 | | 1.3E+02 | 6.8E+01 |
| | | | | 2.0E-03 | I | | | | | | 1.36E+09 | | 1 | | ~Potassium Cyanide | 151-50-8 | | | | | 4.7E+02 | | | 4.7E+02 |
| | | | | 5.0E-03 | I | | | | | | 1.36E+09 | | 0.04 | | ~Potassium Silver Cyanide | 506-61-6 | | | | | 1.2E+03 | | | 1.2E+03 |
| | | | | 1.0E-01 | I | | | | | | 1.36E+09 | | 0.04 | | ~Silver Cyanide | 506-64-9 | | | | | 2.3E+04 | | | 2.3E+04 |
| | | | | 1.0E-03 | I | | | | | | 1.36E+09 | | 1 | | ~Sodium Cyanide | 143-33-9 | | | | | 2.3E+02 | | | 2.3E+02 |
| | | | | 2.0E-04 | P | | | | | | 1.36E+09 | | 1 | | ~Thiocyanates | E1790665 | | | | | 4.7E+01 | | | 4.7E+01 |
| | | | | 2.0E-04 | X | | | V | | | 1.36E+09 | | 1 | | ~Thiocyanic Acid | 463-56-9 | | | | | 4.7E+01 | | | 4.7E+01 |
| | | | | 5.0E-02 | I | | | | | | 1.36E+09 | | 1 | | ~Zinc Cyanide | 557-21-1 | | | | | 1.2E+04 | | | 1.2E+04 |
| | | | | | | 6.0E+00 | I | V | | 1.17E+02 | 1.36E+09 | 1.04E+03 | 1 | | Cyclohexane | 110-82-7 | | | | | | | 2.0E+04 | 2.0E+04 |
| 2.0E-02 | X | | | 2.0E-02 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro- | 87-84-3 | 3.5E+03 | 1.2E+04 | | 2.7E+03 | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 5.0E+00 | I | 7.0E-01 | P | V | | 5.11E+03 | 1.36E+09 | 4.17E+04 | 1 | | Cyclohexanone | 108-94-1 | | | | | 1.2E+06 | | 9.1E+04 | 8.5E+04 |
| | | | | 5.0E-03 | P | 1.0E+00 | X | V | | 2.83E+02 | 1.36E+09 | 1.46E+03 | 1 | | Cyclohexene | 110-83-8 | | | | | 1.2E+03 | | 4.6E+03 | 9.3E+02 |
| | | | | 2.0E-01 | I | | | V | | 2.93E+05 | 1.36E+09 | 7.46E+04 | 1 | | Cyclohexylamine | 108-91-8 | | | | | 4.7E+04 | | | 4.7E+04 |
| | | | | 2.5E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Cyfluthrin | 68359-37-5 | | | | | 5.9E+03 | 2.5E+04 | | 4.7E+03 |
| | | | | 5.0E-01 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Cyromazine | 66215-27-8 | | | | | 1.2E+05 | 4.9E+05 | | 9.5E+04 |
| 2.4E-01 | I | 6.9E-05 | C | 5.0E-04 | A | | | | | | 1.36E+09 | | 1 | 0.1 | DDD, p,p`- (DDD) | 72-54-8 | 2.9E+02 | 1.0E+03 | 5.5E+06 | 2.3E+02 | 1.2E+02 | 4.9E+02 | | 9.5E+01 |
| 3.4E-01 | I | 9.7E-05 | C | 5.0E-04 | A | | | V | | | 1.36E+09 | 2.10E+06 | 1 | | DDE, p,p'- | 72-55-9 | 2.0E+02 | | 6.1E+03 | 2.0E+02 | 1.2E+02 | | | 1.2E+02 |
| 3.4E-01 | I | 9.7E-05 | I | 5.0E-04 | I | | | | | | 1.36E+09 | | 1 | 0.03 | DDT | 50-29-3 | 2.0E+02 | 2.4E+03 | 3.9E+06 | 1.9E+02 | 1.2E+02 | 1.6E+03 | | 1.1E+02 |
| | | | | 3.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Dalapon | 75-99-0 | | | | | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| 1.8E-02 | C | 5.1E-06 | C | 1.5E-01 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Daminozide | 1596-84-5 | 3.9E+03 | 1.4E+04 | 7.5E+07 | 3.0E+03 | 3.5E+04 | 1.5E+05 | | 2.8E+04 |
| 7.0E-04 | I | | | 7.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209) | 1163-19-5 | 9.9E+04 | 3.5E+05 | | 7.8E+04 | 1.6E+03 | 6.9E+03 | | 1.3E+03 |
| | | | | 4.0E-05 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Demeton | 8065-48-3 | | | | | 9.4E+00 | 4.0E+01 | | 7.6E+00 |
| 1.2E-03 | I | | | 6.0E-01 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Di(2-ethylhexyl)adipate | 103-23-1 | 5.8E+04 | 2.1E+05 | | 4.5E+04 | 1.4E+05 | 5.9E+05 | | 1.1E+05 |
| 6.1E-02 | H | | | | | | | | | | 1.36E+09 | | 1 | 0.1 | Diallate | 2303-16-4 | 1.1E+03 | 4.1E+03 | | 8.9E+02 | | | | |
| | | | | 7.0E-04 | A | | | | | | 1.36E+09 | | 1 | 0.1 | Diazinon | 333-41-5 | | | | | 1.6E+02 | 6.9E+02 | | 1.3E+02 |
| 8.0E-01 | P | 6.0E-03 | P | 2.0E-04 | P | 2.0E-04 | I | V | M | 9.79E+02 | 1.36E+09 | 3.20E+04 | 1 | | Dibromo-3-chloropropane, 1,2- | 96-12-8 | 1.9E+01 | | 5.4E-01 | 5.3E-01 | 4.7E+01 | | 2.0E+01 | 1.4E+01 |
| | | | | | | | | | | | 1.36E+09 | | 1 | 0.1 | Dibromoacetic acid | 631-64-1 | | | | | | | | |
| | | | | 4.0E-04 | X | | | V | | 1.59E+02 | 1.36E+09 | 1.93E+04 | 1 | | Dibromobenzene, 1,3- | 108-36-1 | | | | | 9.4E+01 | | | 9.4E+01 |
| | | | | 1.0E-02 | I | | | V | | | 1.36E+09 | 2.20E+04 | 1 | | Dibromobenzene, 1,4- | 106-37-6 | | | | | 2.3E+03 | | | 2.3E+03 |
| 8.4E-02 | I | | | 2.0E-02 | I | | | V | | 8.02E+02 | 1.36E+09 | 7.95E+03 | 1 | | Dibromochloromethane | 124-48-1 | 8.3E+02 | | | 8.3E+02 | 4.7E+03 | | | 4.7E+03 |
| 2.0E+00 | I | 6.0E-04 | I | 9.0E-03 | I | 9.0E-03 | I | V | | 1.34E+03 | 1.36E+09 | 8.64E+03 | 1 | | Dibromoethane, 1,2- | 106-93-4 | 3.5E+01 | | 4.0E+00 | 3.6E+00 | 2.1E+03 | | 2.4E+02 | 2.2E+02 |
| | | | | | | 4.0E-03 | X | V | | 2.82E+03 | 1.36E+09 | 5.64E+03 | 1 | | Dibromomethane (Methylene Bromide) | 74-95-3 | | | | | | | 7.1E+01 | 7.1E+01 |
| | | | | 3.0E-04 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Dibutyltin Compounds | E1790661 | | | | | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| | | | | 3.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Dicamba | 1918-00-9 | | | | | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| | | | | | | | | | | | 1.36E+09 | | 1 | 0.1 | Dichloramine | 3400-09-7 | | | | | | | | |
| | | 4.2E-03 | P | | | | | V | | 5.54E+02 | 1.36E+09 | 3.21E+03 | 1 | | Dichloro-2-butene, 1,4- | 764-41-0 | | | 2.1E-01 | 2.1E-01 | | | | |
| | | 4.2E-03 | P | | | | | V | | 5.19E+02 | 1.36E+09 | 1.11E+04 | 1 | | Dichloro-2-butene, cis-1,4- | 1476-11-5 | | | 7.4E-01 | 7.4E-01 | | | | |
| | | 4.2E-03 | P | | | | | V | | 7.60E+02 | 1.36E+09 | 1.11E+04 | 1 | | Dichloro-2-butene, trans-1,4- | 110-57-6 | | | 7.4E-01 | 7.4E-01 | | | | |
| 5.0E-02 | I | | | 4.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Dichloroacetic Acid | 79-43-6 | 1.4E+03 | 4.9E+03 | | 1.1E+03 | 9.4E+02 | 4.0E+03 | | 7.6E+02 |
| | | | | 9.0E-02 | I | 2.0E-01 | H | V | | 3.76E+02 | 1.36E+09 | 1.17E+04 | 1 | | Dichlorobenzene, 1,2- | 95-50-1 | | | | | 2.1E+04 | | 7.3E+03 | 5.4E+03 |
| 5.4E-03 | C | 1.1E-05 | C | 7.0E-02 | A | 8.0E-01 | I | V | | | 1.36E+09 | 1.04E+04 | 1 | | Dichlorobenzene, 1,4- | 106-46-7 | 1.3E+04 | | 2.7E+02 | 2.6E+02 | 1.6E+04 | | 2.6E+04 | 1.0E+04 |
| 4.5E-01 | I | 3.4E-04 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Dichlorobenzidine, 3,3'- | 91-94-1 | 1.5E+02 | 5.5E+02 | 1.1E+06 | 1.2E+02 | | | | |
| | | | | 9.0E-03 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Dichlorobenzophenone, 4,4'- | 90-98-2 | | | | | 2.1E+03 | 8.9E+03 | | 1.7E+03 |
| | | | | 2.0E-01 | I | 1.0E-01 | X | V | | 8.45E+02 | 1.36E+09 | 8.41E+02 | 1 | | Dichlorodifluoromethane | 75-71-8 | | | | | 4.7E+04 | | 2.6E+02 | 2.6E+02 |
| 5.7E-03 | C | 1.6E-06 | C | 2.0E-01 | P | | | V | | 1.69E+03 | 1.36E+09 | 2.08E+03 | 1 | | Dichloroethane, 1,1- | 75-34-3 | 1.2E+04 | | 3.7E+02 | 3.6E+02 | 4.7E+04 | | | 4.7E+04 |
| 9.1E-02 | I | 2.6E-05 | I | 6.0E-03 | X | 7.0E-03 | P | V | | 2.98E+03 | 1.36E+09 | 4.57E+03 | 1 | | Dichloroethane, 1,2- | 107-06-2 | 7.6E+02 | | 4.9E+01 | 4.6E+01 | 1.4E+03 | | 1.0E+02 | 9.4E+01 |
| | | | | 5.0E-02 | I | 2.0E-01 | I | V | | 1.19E+03 | 1.36E+09 | 1.16E+03 | 1 | | Dichloroethylene, 1,1- | 75-35-4 | | | | | 1.2E+04 | | 7.2E+02 | 6.8E+02 |
| | | | | 2.0E-03 | I | 4.0E-02 | X | V | | 2.37E+03 | 1.36E+09 | 2.50E+03 | 1 | | Dichloroethylene, cis-1,2- | 156-59-2 | | | | | 4.7E+02 | | 3.1E+02 | 1.9E+02 |
| | | | | 2.0E-02 | I | 4.0E-02 | X | V | | 1.85E+03 | 1.36E+09 | 1.75E+03 | 1 | | Dichloroethylene, trans-1,2- | 156-60-5 | | | | | 4.7E+03 | | 2.2E+02 | 2.1E+02 |
| | | | | 3.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Dichlorophenol, 2,4- | 120-83-2 | | | | | 7.0E+02 | 3.0E+03 | | 5.7E+02 |
| | | | | 1.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.05 | Dichlorophenoxy Acetic Acid, 2,4- | 94-75-7 | | | | | 2.3E+03 | 2.0E+04 | | 2.1E+03 |
| 3.7E-02 | P | 3.7E-06 | P | 4.0E-02 | P | 4.0E-03 | I | V | | 1.36E+03 | 1.36E+09 | 3.79E+03 | 1 | | Dichloropropane, 1,2- | 78-87-5 | 1.9E+03 | | 2.9E+02 | 2.5E+02 | 9.4E+03 | | 4.7E+01 | 4.7E+01 |
| | | | | 2.0E-02 | P | | | V | | 1.49E+03 | 1.36E+09 | 6.76E+03 | 1 | | Dichloropropane, 1,3- | 142-28-9 | | | | | 4.7E+03 | | | 4.7E+03 |

RMLs TR=1E-04 THQ=3

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user's guide; U = user provided; ca = cancer; nc = noncancer; * = where: nc SL < 100X ca SL; ** = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer Child Hazard Index (HI) = 3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SFO (mg/kg-day)$^{-1}$ | key | IUR (ug/m$^3$)$^{-1}$ | key | $RfD_o$ (mg/kg-day) | key | $RfC_i$ (mg/m$^3$) | key | vol | mutagen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | $ABS_d$ | Analyte | CAS No. | Ingestion SL TR=1E-04 (mg/kg) | Dermal SL TR=1E-04 (mg/kg) | Inhalation SL TR=1E-04 (mg/kg) | Carcinogenic SL TR=1E-04 (mg/kg) | Ingestion SL Child THQ=3 (mg/kg) | Dermal SL Child THQ=3 (mg/kg) | Inhalation SL Child THQ=3 (mg/kg) | Noncarcinogenic SL Child THI=3 (mg/kg) |
| | | | | 3.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Dichloropropanol, 2,3- | 616-23-9 | | | | | 7.0E+02 | 3.0E+03 | | 5.7E+02 |
| 1.0E-01 | I | 4.0E-06 | I | 3.0E-02 | I | 2.0E-02 | I | V | | 1.57E+03 | 1.36E+09 | 3.55E+03 | 1 | | Dichloropropene, 1,3- | 542-75-6 | 7.0E+02 | | 2.5E+02 | 1.8E+02 | 7.0E+03 | | 2.2E+02 | 2.2E+02 |
| 2.9E-01 | I | 8.3E-05 | C | 5.0E-04 | I | 5.0E-04 | I | | | | 1.36E+09 | | 1 | 0.1 | Dichlorvos | 62-73-7 | 2.4E+02 | 8.5E+02 | 4.6E+06 | 1.9E+02 | 1.2E+02 | 4.9E+02 | 2.1E+06 | 9.5E+01 |
| | | | | 3.0E-05 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Dicrotophos | 141-66-2 | | | | | 7.0E+00 | 3.0E+01 | | 5.7E+00 |
| | | | | 8.0E-02 | P | 3.0E-04 | X | V | | 2.56E+02 | 1.36E+09 | 4.11E+03 | 1 | | Dicyclopentadiene | 77-73-6 | | | | | 1.9E+04 | | 3.9E+00 | 3.9E+00 |
| 1.6E+01 | I | 4.6E-03 | I | 5.0E-05 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Dieldrin | 60-57-1 | 4.3E+00 | 1.5E+01 | 8.3E+04 | 3.4E+00 | 1.2E+01 | 4.9E+01 | | 9.5E+00 |
| | | 3.0E-04 | C | | | 5.0E-03 | I | | | | | | 1 | 0.1 | Diesel Engine Exhaust | E17136615 | | | | | | | | |
| | | | | 2.0E-03 | P | 2.0E-04 | P | | | | 1.36E+09 | | 1 | 0.1 | Diethanolamine | 111-42-2 | | | | | 4.7E+02 | 2.0E+03 | 8.5E+05 | 3.8E+02 |
| | | | | 3.0E-02 | P | 1.0E-04 | P | | | | 1.36E+09 | | 1 | 0.1 | Diethylene Glycol Monobutyl Ether | 112-34-5 | | | | | 7.0E+03 | 3.0E+04 | 4.3E+05 | 5.6E+03 |
| | | | | 6.0E-02 | P | 3.0E-04 | P | | | | 1.36E+09 | | 1 | 0.1 | Diethylene Glycol Monoethyl Ether | 111-90-0 | | | | | 1.4E+04 | 5.9E+04 | 1.3E+06 | 1.1E+04 |
| | | | | 1.0E-03 | P | | | V | | 1.12E+05 | 1.36E+09 | 1.39E+05 | 1 | | Diethylformamide | 617-84-5 | | | | | 2.3E+02 | | | 2.3E+02 |
| 3.5E+02 | C | 1.0E-01 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Diethylstilbestrol | 56-53-1 | 2.0E-01 | 7.1E-01 | 3.8E+03 | 1.6E-01 | | | | |
| | | | | 8.3E-02 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Difenzoquat | 43222-48-6 | | | | | 1.9E+04 | 8.2E+04 | | 1.6E+04 |
| | | | | 2.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Diflubenzuron | 35367-38-5 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | | | 4.0E+01 | I | V | | 1.43E+03 | 1.36E+09 | 1.15E+03 | 1 | | Difluoroethane, 1,1- | 75-37-6 | | | | | | | 1.4E+05 | 1.4E+05 |
| | | | | | | 3.0E+01 | X | V | | 6.91E+02 | 1.36E+09 | 7.58E+02 | 1 | | Difluoropropane, 2,2- | 420-45-1 | | | | | | | 7.1E+04 | 7.1E+04 |
| 4.4E-02 | C | 1.3E-05 | C | | | | | V | | | 1.36E+09 | 1.23E+05 | 1 | | Dihydrosafrole | 94-58-6 | 1.6E+03 | | 2.7E+03 | 9.9E+02 | | | | |
| | | | | | | 7.0E-01 | P | V | | 2.26E+03 | 1.36E+09 | 3.06E+03 | 1 | | Diisopropyl Ether | 108-20-3 | | | | | | | 6.7E+03 | 6.7E+03 |
| | | | | 8.0E-02 | I | | | V | | 5.30E+02 | 1.36E+09 | 3.81E+04 | 1 | | Diisopropyl Methylphosphonate | 1445-75-6 | | | | | 1.9E+04 | | | 1.9E+04 |
| | | | | 2.2E-02 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Dimethipin | 55290-64-7 | | | | | 5.1E+03 | 2.2E+04 | | 4.1E+03 |
| | | | | 2.2E-03 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Dimethoate | 60-51-5 | | | | | 5.2E+02 | 2.2E+03 | | 4.2E+02 |
| 1.6E+00 | P | | | | | | | | | | 1.36E+09 | | 1 | 0.1 | Dimethoxybenzidine, 3,3'- | 119-90-4 | 4.3E+01 | 1.5E+02 | | 3.4E+01 | | | | |
| 1.7E-03 | P | | | 6.0E-02 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Dimethyl methylphosphonate | 756-79-6 | 4.1E+04 | 1.5E+05 | | 3.2E+04 | 1.4E+04 | 5.9E+04 | | 1.1E+04 |
| 4.6E+00 | C | 1.3E-03 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Dimethylamino azobenzene [p-] | 60-11-7 | 1.5E+01 | 5.4E+01 | 2.9E+05 | 1.2E+01 | | | | |
| 5.8E-01 | H | | | | | | | | | | 1.36E+09 | | 1 | 0.1 | Dimethylaniline HCl, 2,4- | 21436-96-4 | 1.2E+02 | 4.3E+02 | | 9.4E+01 | | | | |
| 2.0E-01 | P | | | 2.0E-03 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Dimethylaniline, 2,4- | 95-68-1 | 3.5E+02 | 1.2E+03 | | 2.7E+02 | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| 2.7E-02 | P | | | 2.0E-03 | I | | | V | | 8.30E+02 | 1.36E+09 | 3.13E+04 | 1 | | Dimethylaniline, N,N- | 121-69-7 | 2.6E+03 | | | 2.6E+03 | 4.7E+02 | | | 4.7E+02 |
| 1.1E+01 | P | | | | | | | | | | 1.36E+09 | | 1 | 0.1 | Dimethylbenzidine, 3,3'- | 119-93-7 | 6.3E+00 | 2.2E+01 | | 4.9E+00 | | | | |
| | | | | 1.0E-01 | P | 3.0E-02 | I | V | | 1.06E+05 | 1.36E+09 | 1.28E+05 | 1 | | Dimethylformamide | 68-12-2 | | | | | 2.3E+04 | | 1.2E+04 | 7.9E+03 |
| | | | | 1.0E-04 | X | 2.0E-06 | X | V | | 1.72E+05 | 1.36E+09 | 2.77E+04 | 1 | | Dimethylhydrazine, 1,1- | 57-14-7 | | | | | 2.3E+01 | | 1.7E-01 | 1.7E-01 |
| 5.5E+02 | C | 1.6E-01 | C | | | | | V | | 1.89E+05 | 1.36E+09 | 1.68E+05 | 1 | | Dimethylhydrazine, 1,2- | 540-73-8 | 1.3E-01 | | 2.9E-01 | 8.8E-02 | | | | |
| | | | | 2.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Dimethylphenol, 2,4- | 105-67-9 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 6.0E-04 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Dimethylphenol, 2,6- | 576-26-1 | | | | | 1.4E+02 | 5.9E+02 | | 1.1E+02 |
| | | | | 1.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Dimethylphenol, 3,4- | 95-65-8 | | | | | 2.3E+02 | 9.9E+02 | | 1.9E+02 |
| 4.5E-02 | C | 1.3E-05 | C | | | | | V | | 4.73E+02 | 1.36E+09 | 5.48E+03 | 1 | | Dimethylvinylchloride | 513-37-1 | 1.5E+03 | | 1.2E+02 | 1.1E+02 | | | | |
| | | | | 8.0E-05 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Dinitro-o-cresol, 4,6- | 534-52-1 | | | | | 1.9E+01 | 7.9E+01 | | 1.5E+01 |
| | | | | 2.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Dinitro-o-cyclohexyl Phenol, 4,6- | 131-89-5 | | | | | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| | | | | 4.0E-04 | X | 2.0E-03 | X | | | | 1.36E+09 | | 1 | 0.1 | Dinitroaniline, 3,5- | 618-87-1 | | | | | 9.4E+01 | 4.0E+02 | 8.5E+06 | 7.6E+01 |
| | | | | 1.0E-04 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Dinitrobenzene, 1,2- | 528-29-0 | | | | | 2.3E+01 | 9.9E+01 | | 1.9E+01 |
| | | | | 1.0E-04 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Dinitrobenzene, 1,3- | 99-65-0 | | | | | 2.3E+01 | 9.9E+01 | | 1.9E+01 |
| | | | | 1.0E-04 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Dinitrobenzene, 1,4- | 100-25-4 | | | | | 2.3E+01 | 9.9E+01 | | 1.9E+01 |
| | | | | 2.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Dinitrophenol, 2,4- | 51-28-5 | | | | | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| 6.8E-01 | I | | | | | | | | | | 1.36E+09 | | 1 | 0.1 | Dinitrotoluene Mixture, 2,4/2,6- | E1615210 | 1.0E+02 | 3.6E+02 | | 8.0E+01 | | | | |
| 3.1E-01 | C | 8.9E-05 | C | 2.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.102 | Dinitrotoluene, 2,4- | 121-14-2 | 2.2E+02 | 7.8E+02 | 4.3E+06 | 1.7E+02 | 4.7E+02 | 1.9E+03 | | 3.8E+02 |
| 1.5E+00 | P | | | 3.0E-04 | X | | | | | | 1.36E+09 | | 1 | 0.099 | Dinitrotoluene, 2,6- | 606-20-2 | 4.6E+01 | 1.7E+02 | | 3.6E+01 | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| | | | | 1.0E-04 | X | | | | | | 1.36E+09 | | 1 | 0.006 | Dinitrotoluene, 2-Amino-4,6- | 35572-78-2 | | | | | 2.3E+01 | 1.6E+03 | | 2.3E+01 |
| | | | | 1.0E-04 | X | | | | | | 1.36E+09 | | 1 | 0.009 | Dinitrotoluene, 4-Amino-2,6- | 19406-51-0 | | | | | 2.3E+01 | 1.1E+03 | | 2.3E+01 |
| 4.5E-01 | X | | | 9.0E-04 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Dinitrotoluene, Technical grade | 25321-14-6 | 1.5E+02 | 5.5E+02 | | 1.2E+02 | 2.1E+02 | 8.9E+02 | | 1.7E+02 |
| | | | | 1.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Dinoseb | 88-85-7 | | | | | 2.3E+02 | 9.9E+02 | | 1.9E+02 |
| 1.0E-01 | I | 5.0E-06 | I | 3.0E-02 | I | 3.0E-02 | I | V | | 1.16E+05 | 1.36E+09 | 3.96E+04 | 1 | | Dioxane, 1,4- | 123-91-1 | 7.0E+02 | | 2.2E+03 | 5.3E+02 | 7.0E+03 | | 3.7E+03 | 2.4E+03 |
| | | | | | | | | | | | | | | | Dioxins | | | | | | | | | |
| 6.2E+03 | I | 1.3E+00 | I | | | | | | | | 1.36E+09 | | 1 | 0.03 | ~Hexachlorodibenzo-p-dioxin, Mixture | 34465-46-8 | 1.1E-02 | 1.3E-01 | 2.9E+02 | 1.0E-02 | | | | |
| 1.3E+05 | C | 3.8E+01 | C | 7.0E-10 | I | 4.0E-08 | C | V | | | 1.36E+09 | 1.96E+06 | 1 | 0.03 | ~TCDD, 2,3,7,8- | 1746-01-6 | 5.3E-04 | 6.3E-03 | 1.4E-02 | 4.8E-04 | 1.6E-04 | 2.3E-03 | 2.5E-01 | 1.5E-04 |
| | | | | 3.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Diphenamid | 957-51-7 | | | | | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| | | | | | | 4.0E-04 | X | V | | | 1.36E+09 | 8.06E+04 | 1 | | Diphenyl Ether | 101-84-8 | | | | | | | 1.0E+02 | 1.0E+02 |
| | | | | 8.0E-04 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Diphenyl Sulfone | 127-63-9 | | | | | 1.9E+02 | 7.9E+02 | | 1.5E+02 |
| | | | | 1.0E-01 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Diphenylamine | 122-39-4 | | | | | 2.3E+04 | 9.9E+04 | | 1.9E+04 |
| 8.0E-01 | I | 2.2E-04 | I | | | | | | | | 1.36E+09 | | 1 | 0.1 | Diphenylhydrazine, 1,2- | 122-66-7 | 8.7E+01 | 3.1E+02 | 1.7E+06 | 6.8E+01 | | | | |
| | | | | 2.2E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Diquat | 2764-72-9 | | | | | 5.2E+02 | 2.2E+03 | | 4.2E+02 |
| 7.4E+00 | C | 2.1E-03 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Direct Black 38 | 1937-37-7 | 9.4E+00 | 3.3E+01 | 1.8E+05 | 7.3E+00 | | | | |
| 7.4E+00 | C | 2.1E-03 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Direct Blue 6 | 2602-46-2 | 9.4E+00 | 3.3E+01 | 1.8E+05 | 7.3E+00 | | | | |
| 6.7E+00 | C | 1.9E-03 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Direct Brown 95 | 16071-86-6 | 1.0E+01 | 3.7E+01 | 2.0E+05 | 8.1E+00 | | | | |
| | | | | 4.0E-05 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Disulfoton | 298-04-4 | | | | | 9.4E+00 | 4.0E+01 | | 7.6E+00 |
| | | | | 1.0E-02 | I | | | V | | | 1.36E+09 | 4.54E+04 | 1 | | Dithiane, 1,4- | 505-29-3 | | | | | 2.3E+03 | | | 2.3E+03 |
| | | | | 2.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Diuron | 330-54-1 | | | | | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| | | | | 2.0E-02 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Dodine | 2439-10-3 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 5.0E-02 | O | | | V | | | 1.36E+09 | 1.17E+05 | 1 | | EPTC | 759-94-4 | | | | | 1.2E+04 | | | 1.2E+04 |
| | | | | 6.0E-03 | I | | | V | | | 1.36E+09 | 4.10E+05 | 1 | | Endosulfan | 115-29-7 | | | | | 1.4E+03 | | | 1.4E+03 |
| | | | | 6.0E-03 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Endosulfan Sulfate | 1031-07-8 | | | | | 1.4E+03 | 5.9E+03 | | 1.1E+03 |
| | | | | 2.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Endothall | 145-73-3 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 3.0E-04 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Endrin | 72-20-8 | | | | | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| 9.9E-03 | I | 1.2E-06 | I | 6.0E-03 | P | 1.0E-03 | I | V | | 1.05E+04 | 1.36E+09 | 1.89E+04 | 1 | | Epichlorohydrin | 106-89-8 | 7.0E+03 | | 4.4E+03 | 2.7E+03 | 1.4E+03 | | 5.9E+01 | 5.7E+01 |
| | | | | | | 2.0E-02 | I | V | | 1.53E+04 | 1.36E+09 | 7.66E+03 | 1 | | Epoxybutane, 1,2- | 106-88-7 | | | | | | | 4.8E+02 | 4.8E+02 |
| | | | | 4.0E-02 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Ethanol, 2-(2-methoxyethoxy)- | 111-77-3 | | | | | 9.4E+03 | 4.0E+04 | | 7.6E+03 |
| | | | | 5.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Ethephon | 16672-87-0 | | | | | 1.2E+03 | 4.9E+03 | | 9.5E+02 |
| | | | | 5.0E-04 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Ethion | 563-12-2 | | | | | 1.2E+02 | 4.9E+02 | | 9.5E+01 |
| | | | | 1.0E-01 | P | 6.0E-02 | P | V | | 2.38E+04 | 1.36E+09 | 6.15E+04 | 1 | | Ethoxyethanol Acetate, 2- | 111-15-9 | | | | | 2.3E+04 | | 1.2E+04 | 7.7E+03 |
| | | | | 9.0E-02 | P | 4.0E-02 | P | V | | 1.06E+05 | 1.36E+09 | 9.84E+04 | 1 | | Ethoxyethanol, 2- | 110-80-5 | | | | | 2.1E+04 | | 1.2E+04 | 7.8E+03 |

RMLs TR=1E-04 THQ=3

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user's guide; U = user provided; ca = cancer; nc = noncancer; * = where: nc SL < 100X ca SL; ** = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer Child Hazard Index (HI) = 3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SFO (mg/kg-day)$^{-1}$ | key | IUR (ug/m$^3$)$^{-1}$ | key | $RfD_o$ (mg/kg-day) | key | $RfC_i$ (mg/m$^3$) | key | vol | mutagen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | $ABS_d$ | Analyte | CAS No. | Ingestion SL TR=1E-04 (mg/kg) | Dermal SL TR=1E-04 (mg/kg) | Inhalation SL TR=1E-04 (mg/kg) | Carcinogenic SL TR=1E-04 (mg/kg) | Ingestion SL Child THQ=3 (mg/kg) | Dermal SL Child THQ=3 (mg/kg) | Inhalation SL Child THQ=3 (mg/kg) | Noncarcinogenic SL Child THI=3 (mg/kg) |
| | | | | 7.0E-01 | P | 7.0E-02 | P | V | | 1.08E+04 | 1.36E+09 | 8.62E+03 | 1 | | Ethyl Acetate | 141-78-6 | | | | | 1.6E+05 | | 1.9E+03 | 1.9E+03 |
| | | | | 5.0E-03 | P | 8.0E-03 | P | V | | 2.50E+03 | 1.36E+09 | 6.34E+03 | 1 | | Ethyl Acrylate | 140-88-5 | | | | | 1.2E+03 | | 1.6E+02 | 1.4E+02 |
| | | | | | | 4.0E+00 | P | V | | 2.12E+03 | 1.36E+09 | 1.29E+03 | 1 | | Ethyl Chloride (Chloroethane) | 75-00-3 | | | | | | | 1.6E+04 | 1.6E+04 |
| | | | | 2.0E-01 | I | | | V | | 1.01E+04 | 1.36E+09 | 3.12E+03 | 1 | | Ethyl Ether | 60-29-7 | | | | | 4.7E+04 | | | 4.7E+04 |
| | | | | | | 3.0E-01 | P | V | | 1.10E+03 | 1.36E+09 | 5.77E+03 | 1 | | Ethyl Methacrylate | 97-63-2 | | | | | | | 5.4E+03 | 5.4E+03 |
| | | 8.0E-08 | I | 1.0E+00 | I | 4.0E+01 | I | V | | 2.87E+03 | 1.36E+09 | 3.67E+03 | 1 | | Ethyl Tertiary Butyl Ether (ETBE) | 637-92-3 | | | 1.3E+04 | 1.3E+04 | 2.3E+05 | | 4.6E+05 | 1.6E+05 |
| | | | | 1.0E-05 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Ethyl-p-nitrophenyl Phosphonate | 2104-64-5 | | | | | 2.3E+00 | 9.9E+00 | | 1.9E+00 |
| 1.1E-02 | C | 2.5E-06 | C | 5.0E-02 | P | 1.0E+00 | I | V | | 4.80E+02 | 1.36E+09 | 5.67E+03 | 1 | | Ethylbenzene | 100-41-4 | 6.3E+03 | | 6.4E+02 | 5.8E+02 | 1.2E+04 | | 1.8E+04 | 7.1E+03 |
| | | | | 7.0E-02 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Ethylene Cyanohydrin | 109-78-4 | | | | | 1.6E+04 | 6.9E+04 | | 1.3E+04 |
| | | | | 9.0E-02 | P | | | V | | 1.89E+05 | 1.36E+09 | 1.80E+05 | 1 | | Ethylene Diamine | 107-15-3 | | | | | 2.1E+04 | | | 2.1E+04 |
| | | | | 8.0E-01 | A | 4.0E-01 | C | | | | 1.36E+09 | | 1 | 0.1 | Ethylene Glycol | 107-21-1 | | | | | 1.9E+05 | 7.9E+05 | 1.7E+09 | 1.5E+05 |
| | | | | 1.0E-01 | I | 1.6E+00 | I | | | | 1.36E+09 | | 1 | 0.1 | Ethylene Glycol Monobutyl Ether | 111-76-2 | | | | | 2.3E+04 | 9.9E+04 | 6.8E+09 | 1.9E+04 |
| 3.1E-01 | C | 3.0E-03 | I | | | 3.0E-02 | C | V | M | 1.21E+05 | 1.36E+09 | 6.09E+03 | 1 | | Ethylene Oxide | 75-21-8 | 4.9E+01 | | 2.1E-01 | 2.0E-01 | | | 5.7E+02 | 5.7E+02 |
| 4.5E-02 | C | 1.3E-05 | C | 8.0E-05 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Ethylene Thiourea | 96-45-7 | 1.5E+03 | 5.5E+03 | 2.9E+07 | 1.2E+03 | 1.9E+01 | 7.9E+01 | | 1.5E+01 |
| 6.5E+01 | C | 1.9E-02 | C | | | | | V | | 1.54E+05 | 1.36E+09 | 2.39E+04 | 1 | | Ethyleneimine | 151-56-4 | 1.1E+00 | | 3.5E-01 | 2.7E-01 | | | | |
| | | | | 3.0E+00 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Ethylphthalyl Ethyl Glycolate | 84-72-0 | | | | | 7.0E+05 | 3.0E+06 | | 5.7E+05 |
| | | | | 2.5E-04 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Fenamiphos | 22224-92-6 | | | | | 5.9E+01 | 2.5E+02 | | 4.7E+01 |
| | | | | 2.5E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Fenpropathrin | 39515-41-8 | | | | | 5.9E+03 | 2.5E+04 | | 4.7E+03 |
| | | | | 2.5E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Fenvalerate | 51630-58-1 | | | | | 5.9E+03 | 2.5E+04 | | 4.7E+03 |
| | | | | 1.3E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Fluometuron | 2164-17-2 | | | | | 3.1E+03 | 1.3E+04 | | 2.5E+03 |
| | | | | 4.0E-02 | C | 1.3E-02 | C | | | | 1.36E+09 | | 1 | | Fluoride | 16984-48-8 | | | | | 9.4E+03 | | 5.5E+07 | 9.4E+03 |
| | | | | 6.0E-02 | I | 1.3E-02 | C | | | | 1.36E+09 | | 1 | | Fluorine (Soluble Fluoride) | 7782-41-4 | | | | | 1.4E+04 | | 5.5E+07 | 1.4E+04 |
| | | | | 8.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Fluridone | 59756-60-4 | | | | | 1.9E+04 | 7.9E+04 | | 1.5E+04 |
| | | | | 4.0E-02 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Flurprimidol | 56425-91-3 | | | | | 9.4E+03 | 4.0E+04 | | 7.6E+03 |
| | | | | 2.0E-03 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Flusilazole | 85509-19-9 | | | | | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| | | | | 5.0E-01 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Flutolanil | 66332-96-5 | | | | | 1.2E+05 | 4.9E+05 | | 9.5E+04 |
| | | | | 1.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Fluvalinate | 69409-94-5 | | | | | 2.3E+03 | 9.9E+03 | | 1.9E+03 |
| | | | | 9.0E-02 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Folpet | 133-07-3 | | | | | 2.1E+04 | 8.9E+04 | | 1.7E+04 |
| | | | | 1.0E-02 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Fomesafen | 72178-02-0 | | | | | 2.3E+03 | 9.9E+03 | | 1.9E+03 |
| | | | | 2.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Fonofos | 944-22-9 | | | | | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| 2.1E-02 | C | 1.3E-05 | I | 2.0E-01 | I | 9.8E-03 | A | V | | 4.24E+04 | 1.36E+09 | 7.77E+04 | 1 | | Formaldehyde | 50-00-0 | 3.3E+03 | | 1.7E+03 | 1.1E+03 | 4.7E+04 | | 2.4E+03 | 2.3E+03 |
| | | | | 9.0E-01 | P | 3.0E-04 | X | V | | 1.06E+05 | 1.36E+09 | 9.30E+04 | 1 | | Formic Acid | 64-18-6 | | | | | 2.1E+05 | | 8.7E+01 | 8.7E+01 |
| | | | | 2.5E+00 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Fosetyl-AL | 39148-24-8 | | | | | 5.9E+05 | 2.5E+06 | | 4.7E+05 |
| | | | | | | | | | | | | | | | Furans | | | | | | | | | |
| | | | | 1.0E-03 | X | | | V | | | 1.36E+09 | 1.56E+05 | 1 | | ~Dibenzofuran | 132-64-9 | | | | | 2.3E+02 | | | 2.3E+02 |
| | | | | 1.0E-03 | I | | | V | | 6.22E+03 | 1.36E+09 | 2.62E+03 | 1 | | ~Furan | 110-00-9 | | | | | 2.3E+02 | | | 2.3E+02 |
| | | | | 9.0E-01 | I | 2.0E+00 | I | V | | 1.65E+05 | 1.36E+09 | 1.20E+04 | 1 | | ~Tetrahydrofuran | 109-99-9 | | | | | 2.1E+05 | | 7.5E+04 | 5.5E+04 |
| 3.8E+00 | H | | | | | | | | | | 1.36E+09 | | 1 | 0.1 | Furazolidone | 67-45-8 | 1.8E+01 | 6.5E+01 | | 1.4E+01 | | | | |
| | | | | 3.0E-03 | I | 5.0E-02 | H | V | | 1.01E+04 | 1.36E+09 | 4.86E+04 | 1 | | Furfural | 98-01-1 | | | | | 7.0E+02 | | 7.6E+03 | 6.4E+02 |
| 1.5E+00 | C | 4.3E-04 | C | | | | | | | | 1.36E+09 | | | 0.1 | Furium | 531-82-8 | 4.6E+01 | 1.6E+02 | 8.9E+05 | 3.6E+01 | | | | |
| 3.0E-02 | I | 8.6E-06 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Furmecyclox | 60568-05-0 | 2.3E+03 | 8.2E+03 | 4.4E+07 | 1.8E+03 | | | | |
| | | | | 6.0E-03 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Glufosinate, Ammonium | 77182-82-2 | | | | | 1.4E+03 | 5.9E+03 | | 1.1E+03 |
| | | | | 1.0E-01 | A | 8.0E-05 | C | | | | 1.36E+09 | | 1 | 0.1 | Glutaraldehyde | 111-30-8 | | | | | 2.3E+04 | 9.9E+04 | 3.4E+05 | 1.8E+04 |
| | | | | 4.0E-04 | I | 1.0E-03 | X | V | | 1.06E+05 | 1.36E+09 | 8.43E+04 | 1 | | Glycidaldehyde | 765-34-4 | | | | | 9.4E+01 | | 2.6E+02 | 6.9E+01 |
| | | | | 1.0E-01 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Glyphosate | 1071-83-6 | | | | | 2.3E+04 | 9.9E+04 | | 1.9E+04 |
| | | | | 1.0E-02 | X | | | V | | | 1.36E+09 | 1.45E+05 | 1 | | Guanidine | 113-00-8 | | | | | 2.3E+03 | | | 2.3E+03 |
| | | | | 2.0E-02 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Guanidine Chloride | 50-01-1 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 3.0E-02 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Guanidine Nitrate | 506-93-4 | | | | | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| | | | | 5.0E-05 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Haloxyfop, Methyl | 69806-40-2 | | | | | 1.2E+01 | 4.9E+01 | | 9.5E+00 |
| 4.5E+00 | I | 1.3E-03 | I | 1.0E-04 | A | | | V | | | 1.36E+09 | 4.79E+05 | 1 | | Heptachlor | 76-44-8 | 1.5E+01 | | 1.0E+02 | 1.3E+01 | 2.3E+01 | | | 2.3E+01 |
| 9.1E+00 | I | 2.6E-03 | I | 1.3E-05 | I | | | V | | | 1.36E+09 | 8.43E+05 | 1 | | Heptachlor Epoxide | 1024-57-3 | 7.6E+00 | | 9.1E+01 | 7.0E+00 | 3.1E+00 | | | 3.1E+00 |
| | | | | | | 3.0E-03 | X | V | | 2.09E+02 | 1.36E+09 | 7.80E+03 | 1 | | Heptanal, n- | 111-71-7 | | | | | | | 7.3E+01 | 7.3E+01 |
| | | | | 3.0E-04 | X | 4.0E-01 | P | V | | 5.79E+01 | 1.36E+09 | 8.95E+02 | 1 | | Heptane, N- | 142-82-5 | | | | | 7.0E+01 | | 1.1E+03 | 6.6E+01 |
| | | | | 2.0E-03 | I | | | V | | | 1.36E+09 | 3.80E+05 | 1 | | Hexabromobenzene | 87-82-1 | | | | | 4.7E+02 | | | 4.7E+02 |
| | | | | 2.0E-04 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153) | 68631-49-2 | | | | | 4.7E+01 | 2.0E+02 | | 3.8E+01 |
| 1.6E+00 | I | 4.6E-04 | I | 1.0E-05 | P | | | V | | | 1.36E+09 | 6.80E+04 | 1 | | Hexachlorobenzene | 118-74-1 | 4.3E+01 | | 4.1E+01 | 2.1E+01 | 2.3E+00 | | | 2.3E+00 |
| 7.8E-02 | I | 2.2E-05 | I | 1.0E-03 | P | | | V | | 1.68E+01 | 1.36E+09 | 1.08E+04 | 1 | | Hexachlorobutadiene | 87-68-3 | 8.9E+02 | | 1.4E+02 | 1.2E+02 | 2.3E+02 | | | 2.3E+02 |
| 6.3E+00 | I | 1.8E-03 | I | 8.0E-03 | A | | | | | | 1.36E+09 | | 1 | 0.1 | Hexachlorocyclohexane, Alpha- | 319-84-6 | 1.1E+01 | 3.9E+01 | 2.1E+05 | 8.6E+00 | 1.9E+03 | 7.9E+03 | | 1.5E+03 |
| 1.8E+00 | I | 5.3E-04 | I | | | | | | | | 1.36E+09 | | 1 | 0.1 | Hexachlorocyclohexane, Beta- | 319-85-7 | 3.9E+01 | 1.4E+02 | 7.2E+05 | 3.0E+01 | | | | |
| 1.1E+00 | C | 3.1E-04 | C | 1.0E-05 | A | | | | | | 1.36E+09 | | 1 | 0.04 | Hexachlorocyclohexane, Gamma- (Lindane) | 58-89-9 | 6.3E+01 | 5.6E+02 | 1.2E+06 | 5.7E+01 | 2.3E+00 | 2.5E+01 | | 2.1E+00 |
| 1.8E+00 | I | 5.1E-04 | I | | | | | | | | 1.36E+09 | | 1 | 0.1 | Hexachlorocyclohexane, Technical | 608-73-1 | 3.9E+01 | 1.4E+02 | 7.5E+05 | 3.0E+01 | | | | |
| | | | | 6.0E-03 | I | 2.0E-04 | I | V | | 1.57E+01 | 1.36E+09 | 8.51E+03 | 1 | | Hexachlorocyclopentadiene | 77-47-4 | | | | | 1.4E+03 | | 5.3E+00 | 5.3E+00 |
| 4.0E-02 | I | 1.1E-05 | C | 7.0E-04 | I | 3.0E-02 | I | V | | | 1.36E+09 | 8.01E+03 | 1 | | Hexachloroethane | 67-72-1 | 1.7E+03 | | 2.0E+02 | 1.8E+02 | 1.6E+02 | | 7.5E+02 | 1.3E+02 |
| | | | | 3.0E-04 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Hexachlorophene | 70-30-4 | | | | | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| 8.0E-02 | I | | | 4.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.015 | Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) | 121-82-4 | 8.7E+02 | 2.1E+04 | | 8.3E+02 | 9.4E+02 | 2.6E+04 | | 9.1E+02 |
| | | | | | | 1.0E-05 | I | V | | 3.39E+03 | 1.36E+09 | 3.00E+05 | 1 | | Hexamethylene Diisocyanate, 1,6- | 822-06-0 | | | | | | | 9.4E+00 | 9.4E+00 |
| | | | | | | 4.0E-04 | C | | | | 1.36E+09 | | 1 | 0.1 | Hexamethylene diisocyanate biuret | 4035-89-6 | | | | | | | 1.7E+06 | 1.7E+06 |
| | | | | | | 4.0E-04 | C | | | | 1.36E+09 | | 1 | 0.1 | Hexamethylene diisocyanate isocyanurate | 3779-63-3 | | | | | | | 1.7E+06 | 1.7E+06 |
| | | | | 4.0E-04 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Hexamethylphosphoramide | 680-31-9 | | | | | 9.4E+01 | 4.0E+02 | | 7.6E+01 |
| | | 2.0E-07 | X | | | 6.0E-01 | P | V | | 1.41E+02 | 1.36E+09 | 8.29E+02 | 1 | | Hexane, Commercial | E5241997 | | | 1.2E+03 | 1.2E+03 | | | 1.6E+03 | 1.6E+03 |
| | | | | | | 7.0E-01 | I | V | | 1.41E+02 | 1.36E+09 | 8.29E+02 | 1 | | Hexane, N- | 110-54-3 | | | | | | | 1.8E+03 | 1.8E+03 |
| | | | | 2.0E+00 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Hexanedioic Acid | 124-04-9 | | | | | 4.7E+05 | 2.0E+06 | | 3.8E+05 |
| 9.5E-03 | P | | | 7.0E-02 | P | 4.0E-04 | P | V | | 2.74E+02 | 1.36E+09 | 3.62E+04 | 1 | | Hexanol, 1-,2-ethyl- (2-Ethyl-1-hexanol) | 104-76-7 | 7.3E+03 | | | 7.3E+03 | 1.6E+04 | | 4.5E+01 | 4.5E+01 |
| | | | | 5.0E-03 | I | 3.0E-02 | I | V | | 3.28E+03 | 1.36E+09 | 1.33E+04 | 1 | | Hexanone, 2- | 591-78-6 | | | | | 1.2E+03 | | 1.2E+03 | 6.0E+02 |
| | | | | 3.3E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Hexazinone | 51235-04-2 | | | | | 7.7E+03 | 3.3E+04 | | 6.3E+03 |
| | | | | 2.5E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Hexythiazox | 78587-05-0 | | | | | 5.9E+03 | 2.5E+04 | | 4.7E+03 |
| | | | | 1.7E-02 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Hydramethylnon | 67485-29-4 | | | | | 4.0E+03 | 1.7E+04 | | 3.2E+03 |
| 3.0E+00 | I | 4.9E-03 | I | | | 3.0E-05 | P | V | | 1.12E+05 | 1.36E+09 | 6.52E+04 | 1 | | Hydrazine | 302-01-2 | 2.3E+01 | | 3.7E+00 | 3.2E+00 | | | 6.1E+00 | 6.1E+00 |

RMLS TR=1E-04 THQ=3.0

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user's guide; U = user provided; ca = cancer; nc = noncancer; * = where: nc SL < 100X ca SL; ** = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer Child Hazard Index (HI) = 3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SFO (mg/kg-day)$^{-1}$ | key | IUR (ug/m$^3$)$^{-1}$ | key | $RfD_o$ (mg/kg-day) | key | $RfC_i$ (mg/m$^3$) | key | vol | mutagen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | $ABS_d$ | Analyte | CAS No. | Ingestion SL TR=1E-04 (mg/kg) | Dermal SL TR=1E-04 (mg/kg) | Inhalation SL TR=1E-04 (mg/kg) | Carcinogenic SL TR=1E-04 (mg/kg) | Ingestion SL Child THQ=3 (mg/kg) | Dermal SL Child THQ=3 (mg/kg) | Inhalation SL Child THQ=3 (mg/kg) | Noncarcinogenic SL Child THI=3 (mg/kg) |
| 3.0E+00 | I | 4.9E-03 | I | | | | | | | | 1.36E+09 | | 1 | | Hydrazine Sulfate | 10034-93-2 | 2.3E+01 | | 7.8E+04 | 2.3E+01 | | | | |
| | | | | | | 2.0E-02 | I | V | | | 1.36E+09 | | 1 | | Hydrogen Chloride | 7647-01-0 | | | | | | | 8.5E+07 | 8.5E+07 |
| | | | | 4.0E-02 | C | 1.4E-02 | C | V | | | 1.36E+09 | | 1 | | Hydrogen Fluoride | 7664-39-3 | | | | | 9.4E+03 | | 6.0E+07 | 9.4E+03 |
| | | | | | | 2.0E-03 | I | V | | | 1.36E+09 | | 1 | | Hydrogen Sulfide | 7783-06-4 | | | | | | | 8.5E+06 | 8.5E+06 |
| 6.0E-02 | P | | | 4.0E-02 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Hydroquinone | 123-31-9 | 1.2E+03 | 4.1E+03 | | 9.0E+02 | 9.4E+03 | 4.0E+04 | | 7.6E+03 |
| 6.1E-02 | O | | | 1.1E-01 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Imazalil | 35554-44-0 | 1.1E+03 | 4.0E+03 | | 8.9E+02 | 2.5E+04 | 1.1E+05 | | 2.0E+04 |
| | | | | 2.5E-01 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Imazaquin | 81335-37-7 | | | | | 5.9E+04 | 2.5E+05 | | 4.7E+04 |
| | | | | 2.5E+00 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Imazethapyr | 81335-77-5 | | | | | 5.9E+05 | 2.5E+06 | | 4.7E+05 |
| | | | | 1.0E-02 | A | | | | | | 1.36E+09 | | 1 | | Iodine | 7553-56-2 | | | | | 2.3E+03 | | | 2.3E+03 |
| | | | | 4.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Iprodione | 36734-19-7 | | | | | 9.4E+03 | 4.0E+04 | | 7.6E+03 |
| | | | | 7.0E-01 | P | | | | | | 1.36E+09 | | 1 | | Iron | 7439-89-6 | | | | | 1.6E+05 | | | 1.6E+05 |
| | | | | 3.0E-01 | I | | | V | | 1.00E+04 | 1.36E+09 | 2.81E+04 | 1 | | Isobutyl Alcohol | 78-83-1 | | | | | 7.0E+04 | | | 7.0E+04 |
| 9.5E-04 | I | | | 2.0E-01 | I | 2.0E+00 | C | | | | 1.36E+09 | | 1 | 0.1 | Isophorone | 78-59-1 | 7.3E+04 | 2.6E+05 | | 5.7E+04 | 4.7E+04 | 2.0E+05 | 8.5E+09 | 3.8E+04 |
| | | | | 1.5E-02 | I | | | V | | | 1.36E+09 | 4.20E+05 | 1 | | Isopropalin | 33820-53-0 | | | | | 3.5E+03 | | | 3.5E+03 |
| | | | | 2.0E+00 | P | 2.0E-01 | P | V | | 1.09E+05 | 1.36E+09 | 2.77E+04 | 1 | | Isopropanol | 67-63-0 | | | | | 4.7E+05 | | 1.7E+04 | 1.7E+04 |
| | | | | 1.0E-01 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Isopropyl Methyl Phosphonic Acid | 1832-54-8 | | | | | 2.3E+04 | 9.9E+04 | | 1.9E+04 |
| | | | | 5.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Isoxaben | 82558-50-7 | | | | | 1.2E+04 | 4.9E+04 | | 9.5E+03 |
| | | | | | | 3.0E-01 | A | V | | | 1.36E+09 | | 1 | | JP-7 | E1737665 | | | | | | | 1.3E+09 | 1.3E+09 |
| | | | | 8.0E-03 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Lactofen | 77501-63-4 | | | | | 1.9E+03 | 7.9E+03 | | 1.5E+03 |
| | | | | 2.0E-04 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Lactonitrile | 78-97-7 | | | | | 4.7E+01 | 2.0E+02 | | 3.8E+01 |
| | | | | 5.0E-05 | P | | | | | | 1.36E+09 | | 1 | | Lanthanum | 7439-91-0 | | | | | 1.2E+01 | | | 1.2E+01 |
| | | | | 2.1E-05 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Lanthanum Acetate Hydrate | 100587-90-4 | | | | | 4.9E+00 | 2.1E+01 | | 3.9E+00 |
| | | | | 1.9E-05 | P | | | | | | 1.36E+09 | | 1 | | Lanthanum Chloride Heptahydrate | 10025-84-0 | | | | | 4.4E+00 | | | 4.4E+00 |
| | | | | 2.8E-05 | P | | | | | | 1.36E+09 | | 1 | | Lanthanum Chloride, Anhydrous | 10099-58-8 | | | | | 6.6E+00 | | | 6.6E+00 |
| | | | | 1.6E-05 | P | | | | | | 1.36E+09 | | 1 | | Lanthanum Nitrate Hexahydrate | 10277-43-7 | | | | | 3.8E+00 | | | 3.8E+00 |
| | | | | | | | | | | | | | | | Lead Compounds | | | | | | | | | |
| 8.5E-03 | C | 1.2E-05 | C | | | | | | | | 1.36E+09 | | 1 | | ~Lead Phosphate | 7446-27-7 | 8.2E+03 | | 3.2E+07 | 8.2E+03 | | | | |
| 2.1E-01 | C | 8.0E-05 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | ~Lead acetate | 301-04-2 | 3.3E+02 | 1.2E+03 | 4.8E+06 | 2.6E+02 | | | | |
| | | | | | | | | | | | 1.36E+09 | | 1 | | ~Lead and Compounds | 7439-92-1 | | | | | | | | 4.0E+02 |
| 3.8E-02 | C | 1.1E-05 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | ~Lead subacetate | 1335-32-6 | 1.8E+03 | 6.5E+03 | 3.5E+07 | 1.4E+03 | | | | |
| | | | | 1.0E-07 | I | | | V | | 2.43E+00 | 1.36E+09 | 1.91E+03 | 1 | | ~Tetraethyl Lead | 78-00-2 | | | | | 2.3E-02 | | | 2.3E-02 |
| | | | | 5.0E-06 | P | | | V | | 3.83E+02 | 1.36E+09 | 2.55E+04 | 1 | | Lewisite | 541-25-3 | | | | | 1.2E+00 | | | 1.2E+00 |
| | | | | 7.7E-03 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Linuron | 330-55-2 | | | | | 1.8E+03 | 7.6E+03 | | 1.5E+03 |
| | | | | 2.0E-03 | P | | | | | | 1.36E+09 | | 1 | | Lithium | 7439-93-2 | | | | | 4.7E+02 | | | 4.7E+02 |
| | | | | 5.0E-04 | I | | | | | | 1.36E+09 | | 1 | 0.1 | MCPA | 94-74-6 | | | | | 1.2E+02 | 4.9E+02 | | 9.5E+01 |
| | | | | 4.4E-02 | O | | | | | | 1.36E+09 | | 1 | 0.1 | MCPB | 94-81-5 | | | | | 1.0E+04 | 4.4E+04 | | 8.3E+03 |
| | | | | 1.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | MCPP | 93-65-2 | | | | | 2.3E+02 | 9.9E+02 | | 1.9E+02 |
| | | | | 2.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Malathion | 121-75-5 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 1.0E-01 | I | 7.0E-04 | C | | | | 1.36E+09 | | 1 | 0.1 | Maleic Anhydride | 108-31-6 | | | | | 2.3E+04 | 9.9E+04 | 3.0E+06 | 1.9E+04 |
| | | | | 5.0E-01 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Maleic Hydrazide | 123-33-1 | | | | | 1.2E+05 | 4.9E+05 | | 9.5E+04 |
| | | | | 1.0E-04 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Malononitrile | 109-77-3 | | | | | 2.3E+01 | 9.9E+01 | | 1.9E+01 |
| | | | | 3.0E-02 | H | | | | | | 1.36E+09 | | 1 | 0.1 | Mancozeb | 8018-01-7 | | | | | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| | | | | 5.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Maneb | 12427-38-2 | | | | | 1.2E+03 | 4.9E+03 | | 9.5E+02 |
| | | | | 1.4E-01 | I | 5.0E-05 | I | | | | | | 1 | | Manganese (Diet) | 7439-96-5 | | | | | | | | |
| | | | | 2.4E-02 | G | 5.0E-05 | I | | | | 1.36E+09 | | 0.04 | | Manganese (Non-diet) | 7439-96-5 | | | | | 5.6E+03 | | 2.1E+05 | 5.5E+03 |
| | | | | 9.0E-05 | H | | | | | | 1.36E+09 | | 1 | 0.1 | Mephosfolan | 950-10-7 | | | | | 2.1E+01 | 8.9E+01 | | 1.7E+01 |
| | | | | 3.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Mepiquat Chloride | 24307-26-4 | | | | | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| 1.1E-02 | P | | | 4.0E-03 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Mercaptobenzothiazole, 2- | 149-30-4 | 6.3E+03 | 2.2E+04 | | 4.9E+03 | 9.4E+02 | 4.0E+03 | | 7.6E+02 |
| | | | | | | | | | | | | | | | Mercury Compounds | | | | | | | | | |
| | | | | 3.0E-04 | I | 3.0E-04 | G | | | | 1.36E+09 | | 0.07 | | ~Mercuric Chloride (and other Mercury salts) | 7487-94-7 | | | | | 7.0E+01 | | 1.3E+06 | 7.0E+01 |
| | | | | | | 3.0E-04 | I | V | | 3.13E+00 | 1.36E+09 | 3.47E+04 | 1 | | ~Mercury (elemental) | 7439-97-6 | | | | | | | 3.3E+01 | 3.3E+01 |
| | | | | 1.0E-04 | I | | | | | | 1.36E+09 | | 1 | | ~Methyl Mercury | 22967-92-6 | | | | | 2.3E+01 | | | 2.3E+01 |
| | | | | 8.0E-05 | I | | | | | | 1.36E+09 | | 1 | 0.1 | ~Phenylmercuric Acetate | 62-38-4 | | | | | 1.9E+01 | 7.9E+01 | | 1.5E+01 |
| | | | | 3.0E-05 | I | | | V | | | 1.36E+09 | 1.94E+06 | 1 | | Merphos | 150-50-5 | | | | | 7.0E+00 | | | 7.0E+00 |
| | | | | 6.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Metalaxyl | 57837-19-1 | | | | | 1.4E+04 | 5.9E+04 | | 1.1E+04 |
| | | | | 1.0E-04 | I | 3.0E-02 | P | V | | 4.58E+03 | 1.36E+09 | 6.79E+03 | 1 | | Methacrylonitrile | 126-98-7 | | | | | 2.3E+01 | | 6.4E+02 | 2.3E+01 |
| | | | | 5.0E-05 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Methamidophos | 10265-92-6 | | | | | 1.2E+01 | 4.9E+01 | | 9.5E+00 |
| | | | | 2.0E+00 | I | 2.0E+01 | I | V | | 1.06E+05 | 1.36E+09 | 2.90E+04 | 1 | | Methanol | 67-56-1 | | | | | 4.7E+05 | | 1.8E+06 | 3.7E+05 |
| | | | | 1.5E-03 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Methidathion | 950-37-8 | | | | | 3.5E+02 | 1.5E+03 | | 2.8E+02 |
| | | | | 2.5E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Methomyl | 16752-77-5 | | | | | 5.9E+03 | 2.5E+04 | | 4.7E+03 |
| 4.9E-02 | C | | | | | | | | | | 1.36E+09 | | 1 | 0.1 | Methoxy-5-nitroaniline, 2- | 99-59-2 | 1.4E+03 | 5.0E+03 | | 1.1E+03 | | | | |
| | | | | 5.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Methoxychlor | 72-43-5 | | | | | 1.2E+03 | 4.9E+03 | | 9.5E+02 |
| | | | | 8.0E-03 | P | 1.0E-03 | P | V | | 1.15E+05 | 1.36E+09 | 1.24E+05 | 1 | | Methoxyethanol Acetate, 2- | 110-49-6 | | | | | 1.9E+03 | | 3.9E+02 | 3.2E+02 |
| | | | | 5.0E-03 | P | 7.0E-03 | P | V | | 1.06E+05 | 1.36E+09 | 1.01E+05 | 1 | | Methoxyethanol, 2- | 109-86-4 | | | | | 1.2E+03 | | 2.2E+03 | 7.7E+02 |
| | | | | 1.0E+00 | X | | | V | | 2.90E+04 | 1.36E+09 | 8.12E+03 | 1 | | Methyl Acetate | 79-20-9 | | | | | 2.3E+05 | | | 2.3E+05 |
| | | | | | | 2.0E-02 | P | V | | 6.75E+03 | 1.36E+09 | 6.97E+03 | 1 | | Methyl Acrylate | 96-33-3 | | | | | | | 4.4E+02 | 4.4E+02 |
| | | | | 6.0E-01 | I | 5.0E+00 | I | V | | 2.84E+04 | 1.36E+09 | 1.22E+04 | 1 | | Methyl Ethyl Ketone (2-Butanone) | 78-93-3 | | | | | 1.4E+05 | | 1.9E+05 | 8.1E+04 |
| | | 1.0E-03 | X | 1.0E-03 | P | 2.0E-05 | X | V | | 1.80E+05 | 1.36E+09 | 5.04E+04 | 1 | | Methyl Hydrazine | 60-34-4 | | | 1.4E+01 | 1.4E+01 | 2.3E+02 | | 3.2E+00 | 3.1E+00 |
| | | | | | | 3.0E+00 | I | V | | 3.36E+03 | 1.36E+09 | 1.06E+04 | 1 | | Methyl Isobutyl Ketone (4-methyl-2-pentanone) | 108-10-1 | | | | | | | 9.9E+04 | 9.9E+04 |
| | | | | | | 1.0E-03 | C | V | | 1.01E+04 | 1.36E+09 | 4.42E+03 | 1 | | Methyl Isocyanate | 624-83-9 | | | | | | | 1.4E+01 | 1.4E+01 |
| | | | | 1.4E+00 | I | 7.0E-01 | I | V | | 2.36E+03 | 1.36E+09 | 6.33E+03 | 1 | | Methyl Methacrylate | 80-62-6 | | | | | 3.3E+05 | | 1.4E+04 | 1.3E+04 |
| | | | | 2.5E-04 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Methyl Parathion | 298-00-0 | | | | | 5.9E+01 | 2.5E+02 | | 4.7E+01 |
| | | | | 6.0E-02 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Methyl Phosphonic Acid | 993-13-5 | | | | | 1.4E+04 | 5.9E+04 | | 1.1E+04 |
| | | | | 6.0E-03 | H | 4.0E-02 | H | V | | 3.93E+02 | 1.36E+09 | 2.43E+04 | 1 | | Methyl Styrene (Mixed Isomers) | 25013-15-4 | | | | | 1.4E+03 | | 3.0E+03 | 9.6E+02 |
| 9.9E-02 | C | 2.8E-05 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Methyl methanesulfonate | 66-27-3 | 7.0E+02 | 2.5E+03 | 1.4E+07 | 5.5E+02 | | | | |
| 1.8E-03 | C | 2.6E-07 | C | | | 3.0E+00 | I | V | | 8.87E+03 | 1.36E+09 | 4.90E+03 | 1 | | Methyl tert-Butyl Ether (MTBE) | 1634-04-4 | 3.9E+04 | | 5.3E+03 | 4.7E+03 | | | 4.6E+04 | 4.6E+04 |
| | | | | 3.0E-04 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Methyl-1,4-benzenediamine dihydrochloride, 2- | 615-45-2 | | | | | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| | | | | | | 3.0E+00 | X | V | | 2.45E+03 | 1.36E+09 | 1.72E+04 | 1 | | Methyl-2-Pentanol, 4- | 108-11-2 | | | | | | | 1.6E+05 | 1.6E+05 |

RMLS
TR=1E-04
THQ=3

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user's guide; U = user provided; ca = cancer; nc = noncancer; * = where: nc SL < 100X ca SL; ** = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer Child Hazard Index (HI) = 3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SFO (mg/kg-day)$^{-1}$ | key | IUR (ug/m$^3$)$^{-1}$ | key | $RfD_o$ (mg/kg-day) | key | $RfC_i$ (mg/m$^3$) | key | vol | mutagen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | $ABS_d$ | Analyte | CAS No. | Ingestion SL TR=1E-04 (mg/kg) | Dermal SL TR=1E-04 (mg/kg) | Inhalation SL TR=1E-04 (mg/kg) | Carcinogenic SL TR=1E-04 (mg/kg) | Ingestion SL Child THQ=3 (mg/kg) | Dermal SL Child THQ=3 (mg/kg) | Inhalation SL Child THQ=3 (mg/kg) | Noncarcinogenic SL Child THI=3 (mg/kg) |
| 9.0E-03 | P | | | 2.0E-02 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Methyl-5-Nitroaniline, 2- | 99-55-8 | 7.7E+03 | 2.7E+04 | | 6.0E+03 | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| 8.3E+00 | C | 2.4E-03 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Methyl-N-nitro-N-nitrosoguanidine, N- | 70-25-7 | 8.4E+00 | 3.0E+01 | 1.6E+05 | 6.5E+00 | | | | |
| 1.3E-01 | C | 3.7E-05 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Methylaniline Hydrochloride, 2- | 636-21-5 | 5.3E+02 | 1.9E+03 | 1.0E+07 | 4.2E+02 | | | | |
| | | | | 1.0E-02 | A | | | | | | 1.36E+09 | | 1 | 0.1 | Methylarsonic acid | 124-58-3 | | | | | 2.3E+03 | 9.9E+03 | | 1.9E+03 |
| | | | | 2.0E-04 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Methylbenzene,1-4-diamine monohydrochloride, 2- | 74612-12-7 | | | | | 4.7E+01 | 2.0E+02 | | 3.8E+01 |
| 1.0E-01 | X | | | 3.0E-04 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Methylbenzene-1,4-diamine sulfate, 2- | 615-50-9 | 7.0E+02 | 2.5E+03 | | 5.4E+02 | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| 2.2E+01 | C | 6.3E-03 | C | | | | | | M | | 1.36E+09 | | 1 | 0.1 | Methylcholanthrene, 3- | 56-49-5 | 7.0E-01 | 2.7E+00 | 2.2E+04 | 5.5E-01 | | | | |
| 2.0E-03 | I | 1.0E-08 | I | 6.0E-03 | I | 6.0E-01 | I | V | M | 3.32E+03 | 1.36E+09 | 2.19E+03 | 1 | | Methylene Chloride | 75-09-2 | 7.7E+03 | | 2.2E+04 | 5.7E+03 | 1.4E+03 | | 4.1E+03 | 1.0E+03 |
| 1.0E-01 | P | 4.3E-04 | C | 2.0E-03 | P | | | | M | | 1.36E+09 | | 1 | 0.1 | Methylene-bis(2-chloroaniline), 4,4'- | 101-14-4 | 1.5E+02 | 6.0E+02 | 3.2E+05 | 1.2E+02 | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| 4.6E-02 | I | 1.3E-05 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Methylene-bis(N,N-dimethyl) Aniline, 4,4'- | 101-61-1 | 1.5E+03 | 5.4E+03 | 2.9E+07 | 1.2E+03 | | | | |
| 1.6E+00 | C | 4.6E-04 | C | | | 2.0E-02 | C | | | | 1.36E+09 | | 1 | 0.1 | Methylenebisbenzenamine, 4,4'- | 101-77-9 | 4.3E+01 | 1.5E+02 | 8.3E+05 | 3.4E+01 | | | 8.5E+07 | 8.5E+07 |
| | | | | | | 6.0E-04 | I | | | | 1.36E+09 | | 1 | 0.1 | Methylenediphenyl Diisocyanate | 101-68-8 | | | | | | | 2.6E+06 | 2.6E+06 |
| | | | | 7.0E-02 | H | | | V | | 5.00E+02 | 1.36E+09 | 1.28E+04 | 1 | | Methylstyrene, Alpha- | 98-83-9 | | | | | 1.6E+04 | | | 1.6E+04 |
| | | | | 1.5E-01 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Metolachlor | 51218-45-2 | | | | | 3.5E+04 | 1.5E+05 | | 2.8E+04 |
| | | | | 2.5E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Metribuzin | 21087-64-9 | | | | | 5.9E+03 | 2.5E+04 | | 4.7E+03 |
| | | | | 2.5E-01 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Metsulfuron-methyl | 74223-64-6 | | | | | 5.9E+04 | 2.5E+05 | | 4.7E+04 |
| | | 4.5E-06 | X | 1.0E-02 | X | 1.0E-01 | P | V | | 6.86E+00 | 1.36E+09 | 1.04E+03 | 1 | | Midrange Aliphatic Hydrocarbon Streams | E1790669 | | | 6.5E+01 | 6.5E+01 | 2.3E+03 | | 3.3E+02 | 2.9E+02 |
| | | | | 3.0E+00 | P | | | V | | 3.42E-01 | 1.36E+09 | 1.38E+03 | 1 | | Mineral oils | 8012-95-1 | | | | | 7.0E+05 | | | 7.0E+05 |
| 1.8E+01 | C | 5.1E-03 | C | 2.0E-04 | I | | | V | | | 1.36E+09 | 8.58E+05 | 1 | | Mirex | 2385-85-5 | 3.9E+00 | | 4.7E+01 | 3.6E+00 | 4.7E+01 | | | 4.7E+01 |
| | | | | 2.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Molinate | 2212-67-1 | | | | | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| | | | | 5.0E-03 | I | 2.0E-03 | A | | | | 1.36E+09 | | 1 | | Molybdenum | 7439-98-7 | | | | | 1.2E+03 | | 8.5E+06 | 1.2E+03 |
| | | | | 1.0E-01 | I | | | | | | 1.36E+09 | | 1 | | Monochloramine | 10599-90-3 | | | | | 2.3E+04 | | | 2.3E+04 |
| | | | | 2.0E-03 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Monomethylaniline | 100-61-8 | | | | | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| | | | | 2.5E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Myclobutanil | 88671-89-0 | | | | | 5.9E+03 | 2.5E+04 | | 4.7E+03 |
| | | | | 3.0E-04 | X | | | | | | 1.36E+09 | | 1 | 0.1 | N,N'-Diphenyl-1,4-benzenediamine | 74-31-7 | | | | | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| | | | | 2.0E-03 | I | | | V | | | 1.36E+09 | 5.70E+04 | 1 | | Naled | 300-76-5 | | | | | 4.7E+02 | | | 4.7E+02 |
| | | | | 3.0E-02 | X | 1.0E-01 | P | V | | | 1.36E+09 | | 1 | | Naphtha, High Flash Aromatic (HFAN) | 64742-95-6 | | | | | 7.0E+03 | | 4.3E+08 | 7.0E+03 |
| 1.8E+00 | C | 0.0E+00 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Naphthylamine, 2- | 91-59-8 | 3.9E+01 | 1.4E+02 | | 3.0E+01 | | | | |
| | | | | 1.2E-01 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Napropamide | 15299-99-7 | | | | | 2.8E+04 | 1.2E+05 | | 2.3E+04 |
| | | 2.6E-04 | C | 1.1E-02 | C | 1.4E-05 | C | | | | 1.36E+09 | | 1 | 0.1 | Nickel Acetate | 373-02-4 | | | 1.5E+06 | 1.5E+06 | 2.6E+03 | 1.1E+04 | 6.0E+04 | 2.0E+03 |
| | | 2.6E-04 | C | 1.1E-02 | C | 1.4E-05 | C | | | | 1.36E+09 | | 1 | 0.1 | Nickel Carbonate | 3333-67-3 | | | 1.5E+06 | 1.5E+06 | 2.6E+03 | 1.1E+04 | 6.0E+04 | 2.0E+03 |
| | | 2.6E-04 | C | 1.1E-02 | C | 1.4E-05 | C | V | | | 1.36E+09 | | 1 | | Nickel Carbonyl | 13463-39-3 | | | 1.5E+06 | 1.5E+06 | 2.6E+03 | | 6.0E+04 | 2.5E+03 |
| | | 2.6E-04 | C | 1.1E-02 | C | 1.4E-05 | C | | | | 1.36E+09 | | 0.04 | | Nickel Hydroxide | 12054-48-7 | | | 1.5E+06 | 1.5E+06 | 2.6E+03 | | 6.0E+04 | 2.5E+03 |
| | | 2.6E-04 | C | 1.1E-02 | C | 2.0E-05 | C | | | | 1.36E+09 | | 0.04 | | Nickel Oxide | 1313-99-1 | | | 1.5E+06 | 1.5E+06 | 2.6E+03 | | 8.5E+04 | 2.5E+03 |
| | | 2.4E-04 | I | 1.1E-02 | C | 1.4E-05 | C | | | | 1.36E+09 | | 0.04 | | Nickel Refinery Dust | E715532 | | | 1.6E+06 | 1.6E+06 | 2.6E+03 | | 6.0E+04 | 2.5E+03 |
| | | 2.6E-04 | C | 2.0E-02 | I | 9.0E-05 | A | | | | 1.36E+09 | | 0.04 | | Nickel Soluble Salts | 7440-02-0 | | | 1.5E+06 | 1.5E+06 | 4.7E+03 | | 3.8E+05 | 4.6E+03 |
| 1.7E+00 | C | 4.8E-04 | I | 1.1E-02 | C | 1.4E-05 | C | | | | 1.36E+09 | | 0.04 | | Nickel Subsulfide | 12035-72-2 | 4.1E+01 | | 8.0E+05 | 4.1E+01 | 2.6E+03 | | 6.0E+04 | 2.5E+03 |
| 9.1E-01 | C | 2.6E-04 | C | 1.1E-02 | C | 1.4E-05 | C | | | | 1.36E+09 | | 1 | 0.1 | Nickelocene | 1271-28-9 | 7.6E+01 | 2.7E+02 | 1.5E+06 | 6.0E+01 | 2.6E+03 | 1.1E+04 | 6.0E+04 | 2.0E+03 |
| | | | | 1.6E+00 | I | | | | | | 1.36E+09 | | 1 | | Nitrate (measured as nitrogen) | 14797-55-8 | | | | | 3.8E+05 | | | 3.8E+05 |
| | | | | | | | | | | | 1.36E+09 | | | | Nitrate + Nitrite (measured as nitrogen) | E701177 | | | | | | | | |
| | | | | 1.0E-01 | I | | | | | | 1.36E+09 | | 1 | | Nitrite (measured as nitrogen) | 14797-65-0 | | | | | 2.3E+04 | | | 2.3E+04 |
| | | | | 1.0E-02 | X | 5.0E-05 | X | | | | 1.36E+09 | | 1 | 0.1 | Nitroaniline, 2- | 88-74-4 | | | | | 2.3E+03 | 9.9E+03 | 2.1E+05 | 1.9E+03 |
| 2.0E-02 | P | | | 4.0E-03 | P | 6.0E-03 | P | | | | 1.36E+09 | | 1 | 0.1 | Nitroaniline, 4- | 100-01-6 | 3.5E+03 | 1.2E+04 | | 2.7E+03 | 9.4E+02 | 4.0E+03 | 2.6E+07 | 7.6E+02 |
| | | 4.0E-05 | I | 2.0E-03 | I | 9.0E-03 | I | V | | 3.05E+03 | 1.36E+09 | 7.32E+04 | 1 | | Nitrobenzene | 98-95-3 | | | 5.1E+02 | 5.1E+02 | 4.7E+02 | | 2.1E+03 | 3.8E+02 |
| | | | | 3.0E+03 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Nitrocellulose | 9004-70-0 | | | | | 7.0E+08 | 3.0E+09 | | 5.7E+08 |
| | | | | 7.0E-02 | H | | | | | | 1.36E+09 | | 1 | 0.1 | Nitrofurantoin | 67-20-9 | | | | | 1.6E+04 | 6.9E+04 | | 1.3E+04 |
| 1.3E+00 | C | 3.7E-04 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Nitrofurazone | 59-87-0 | 5.3E+01 | 1.9E+02 | 1.0E+06 | 4.2E+01 | | | | |
| 1.7E-02 | P | | | 1.0E-04 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Nitroglycerin | 55-63-0 | 4.1E+03 | 1.5E+04 | | 3.2E+03 | 2.3E+01 | 9.9E+01 | | 1.9E+01 |
| | | | | 1.0E-01 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Nitroguanidine | 556-88-7 | | | | | 2.3E+04 | 9.9E+04 | | 1.9E+04 |
| | | 8.8E-06 | P | | | 5.0E-03 | P | V | | 1.80E+04 | 1.36E+09 | 1.69E+04 | 1 | | Nitromethane | 75-52-5 | | | 5.4E+02 | 5.4E+02 | | | 2.6E+02 | 2.6E+02 |
| | | 5.8E-04 | X | | | 2.0E-02 | I | V | | 4.86E+03 | 1.36E+09 | 1.31E+04 | 1 | | Nitropropane, 2- | 79-46-9 | | | 6.4E+00 | 6.4E+00 | | | 8.2E+02 | 8.2E+02 |
| 2.7E+01 | C | 7.7E-03 | C | | | | | | M | | 1.36E+09 | | 1 | 0.1 | Nitroso-N-ethylurea, N- | 759-73-9 | 5.7E-01 | 2.2E+00 | 1.8E+04 | 4.5E-01 | | | | |
| 1.2E+02 | C | 3.4E-02 | C | | | | | | M | | 1.36E+09 | | 1 | 0.1 | Nitroso-N-methylurea, N- | 684-93-5 | 1.3E-01 | 5.0E-01 | 4.1E+03 | 1.0E-01 | | | | |
| 5.4E+00 | I | 1.6E-03 | I | | | | | V | | | 1.36E+09 | 2.43E+05 | 1 | | Nitroso-di-N-butylamine, N- | 924-16-3 | 1.3E+01 | | 4.3E+01 | 9.9E+00 | | | | |
| 7.0E+00 | I | 2.0E-03 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Nitroso-di-N-propylamine, N- | 621-64-7 | 9.9E+00 | 3.5E+01 | 1.9E+05 | 7.8E+00 | | | | |
| 2.8E+00 | I | 8.0E-04 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Nitrosodiethanolamine, N- | 1116-54-7 | 2.5E+01 | 8.8E+01 | 4.8E+05 | 1.9E+01 | | | | |
| 1.5E+02 | I | 4.3E-02 | I | | | | | | M | | 1.36E+09 | | 1 | 0.1 | Nitrosodiethylamine, N- | 55-18-5 | 1.0E-01 | 4.0E-01 | 3.2E+03 | 8.1E-02 | | | | |
| 5.1E+01 | I | 1.4E-02 | I | 8.0E-06 | P | 4.0E-05 | X | V | M | 2.37E+05 | 1.36E+09 | 8.23E+04 | 1 | | Nitrosodimethylamine, N- | 62-75-9 | 3.0E-01 | | 6.0E-01 | 2.0E-01 | 1.9E+00 | | 1.0E+01 | 1.6E+00 |
| 4.9E-03 | I | 2.6E-06 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Nitrosodiphenylamine, N- | 86-30-6 | 1.4E+04 | 5.0E+04 | 1.5E+08 | 1.1E+04 | | | | |
| 2.2E+01 | I | 6.3E-03 | C | | | | | V | | 1.08E+05 | 1.36E+09 | 1.21E+05 | 1 | | Nitrosomethylethylamine, N- | 10595-95-6 | 3.2E+00 | | 5.4E+00 | 2.0E+00 | | | | |
| 6.7E+00 | C | 1.9E-03 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Nitrosomorpholine [N-] | 59-89-2 | 1.0E+01 | 3.7E+01 | 2.0E+05 | 8.1E+00 | | | | |
| 9.4E+00 | C | 2.7E-03 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Nitrosopiperidine [N-] | 100-75-4 | 7.4E+00 | 2.6E+01 | 1.4E+05 | 5.8E+00 | | | | |
| 2.1E+00 | I | 6.1E-04 | I | | | | | | | | 1.36E+09 | | 1 | 0.1 | Nitrosopyrrolidine, N- | 930-55-2 | 3.3E+01 | 1.2E+02 | 6.3E+05 | 2.6E+01 | | | | |
| | | | | 1.0E-04 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Nitrotoluene, m- | 99-08-1 | | | | | 2.3E+01 | 9.9E+01 | | 1.9E+01 |
| 2.2E-01 | P | | | 9.0E-04 | P | | | V | | 1.51E+03 | 1.36E+09 | 1.37E+05 | 1 | | Nitrotoluene, o- | 88-72-2 | 3.2E+02 | | | 3.2E+02 | 2.1E+02 | | | 2.1E+02 |
| 1.6E-02 | P | | | 4.0E-03 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Nitrotoluene, p- | 99-99-0 | 4.3E+03 | 1.5E+04 | | 3.4E+03 | 9.4E+02 | 4.0E+03 | | 7.6E+02 |
| | | | | 3.0E-04 | X | 2.0E-02 | P | V | | 6.86E+00 | 1.36E+09 | 1.04E+03 | 1 | | Nonane, n- | 111-84-2 | | | | | 7.0E+01 | | 6.5E+01 | 3.4E+01 |
| | | | | 1.5E-03 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Norflurazon | 27314-13-2 | | | | | 3.5E+02 | 1.5E+03 | | 2.8E+02 |
| | | | | 3.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Octabromodiphenyl Ether | 32536-52-0 | | | | | 7.0E+02 | 3.0E+03 | | 5.7E+02 |
| | | | | 5.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.006 | Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX) | 2691-41-0 | | | | | 1.2E+04 | 8.2E+05 | | 1.2E+04 |
| | | | | 2.0E-03 | H | | | | | | 1.36E+09 | | 1 | 0.1 | Octamethylpyrophosphoramide | 152-16-9 | | | | | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| 7.8E-03 | O | | | 1.9E-01 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Oryzalin | 19044-88-3 | 8.9E+03 | 3.2E+04 | | 7.0E+03 | 4.5E+04 | 1.9E+05 | | 3.6E+04 |
| | | | | 5.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Oxadiazon | 19666-30-9 | | | | | 1.2E+03 | 4.9E+03 | | 9.5E+02 |
| | | | | 2.5E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Oxamyl | 23135-22-0 | | | | | 5.9E+03 | 2.5E+04 | | 4.7E+03 |
| 7.3E-02 | O | | | 4.0E-02 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Oxyfluorfen | 42874-03-3 | 9.5E+02 | 3.4E+03 | | 7.4E+02 | 9.4E+03 | 4.0E+04 | | 7.6E+03 |
| | | | | 1.3E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Paclobutrazol | 76738-62-0 | | | | | 3.1E+03 | 1.3E+04 | | 2.5E+03 |
| | | | | 4.5E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Paraquat Dichloride | 1910-42-5 | | | | | 1.1E+03 | 4.4E+03 | | 8.5E+02 |
| | | | | 6.0E-03 | H | | | | | | 1.36E+09 | | 1 | 0.1 | Parathion | 56-38-2 | | | | | 1.4E+03 | 5.9E+03 | | 1.1E+03 |

RMLs TR=1E-04 THQ=3

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user's guide; U = user provided; ca = cancer; nc = noncancer; * = where: nc SL < 100X ca SL; ** = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer Child Hazard Index (HI) = 3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SFO (mg/kg-day)$^{-1}$ | key | IUR (ug/m$^3$)$^{-1}$ | key | $RfD_o$ (mg/kg-day) | key | $RfC_i$ (mg/m$^3$) | key | vol | mutagen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | $ABS_d$ | Analyte | CAS No. | Ingestion SL TR=1E-04 (mg/kg) | Dermal SL TR=1E-04 (mg/kg) | Inhalation SL TR=1E-04 (mg/kg) | Carcinogenic SL TR=1E-04 (mg/kg) | Ingestion SL Child THQ=3 (mg/kg) | Dermal SL Child THQ=3 (mg/kg) | Inhalation SL Child THQ=3 (mg/kg) | Noncarcinogenic SL Child THI=3 (mg/kg) |
| | | | | 5.0E-02 | H | | | V | | | 1.36E+09 | 4.49E+04 | 1 | | Pebulate | 1114-71-2 | | | | | 1.2E+04 | | | 1.2E+04 |
| | | | | 3.0E-01 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Pendimethalin | 40487-42-1 | | | | | 7.0E+04 | 3.0E+05 | | 5.7E+04 |
| | | | | 2.0E-03 | I | | | V | | 3.12E-01 | 1.36E+09 | 5.13E+05 | 1 | | Pentabromodiphenyl Ether | 32534-81-9 | | | | | 4.7E+02 | | | 4.7E+02 |
| | | | | 1.0E-04 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99) | 60348-60-9 | | | | | 2.3E+01 | 9.9E+01 | | 1.9E+01 |
| | | | | 8.0E-04 | I | | | V | | | 1.36E+09 | 8.12E+04 | 1 | | Pentachlorobenzene | 608-93-5 | | | | | 1.9E+02 | | | 1.9E+02 |
| 9.0E-02 | P | | | | | | | V | | 4.57E+02 | 1.36E+09 | 9.65E+03 | 1 | | Pentachloroethane | 76-01-7 | 7.7E+02 | | | 7.7E+02 | | | | |
| 2.6E-01 | H | | | 3.0E-03 | I | | | V | | | 1.36E+09 | 4.32E+05 | 1 | | Pentachloronitrobenzene | 82-68-8 | 2.7E+02 | | | 2.7E+02 | 7.0E+02 | | | 7.0E+02 |
| 4.0E-01 | I | 5.1E-06 | C | 5.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.25 | Pentachlorophenol | 87-86-5 | 1.7E+02 | 2.5E+02 | 7.5E+07 | 1.0E+02 | 1.2E+03 | 2.0E+03 | | 7.4E+02 |
| 4.3E-03 | X | | | 9.0E-03 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Pentaerythritol tetranitrate (PETN) | 78-11-5 | 1.6E+04 | 5.7E+04 | | 1.3E+04 | 2.1E+03 | 8.9E+03 | | 1.7E+03 |
| | | | | 1.0E-04 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Pentamethylphosphoramide (PMPA) | 10159-46-3 | | | | | 2.3E+01 | 9.9E+01 | | 1.9E+01 |
| | | | | | | 1.0E+00 | P | V | | 3.88E+02 | 1.36E+09 | 7.79E+02 | 1 | | Pentane, n- | 109-66-0 | | | | | | | 2.4E+03 | 2.4E+03 |
| | | | | | | | | | | | | | | | Per- and Polyfluoroalkyl Substances (PFAS) | | | | | | | | | |
| | | | | 3.0E-06 | D | | | | | | 1.36E+09 | | 1 | 0.1 | ~Ammonium perfluoro-2-methyl-3-oxahexanoate | 62037-80-3 | | | | | 7.0E-01 | 3.0E+00 | | 5.7E-01 |
| | | | | 3.0E-06 | D | | | V | | | 1.36E+09 | | 1 | | ~Hexafluoropropylene oxide dimer acid (HFPO-DA) | 13252-13-6 | | | | | 7.0E-01 | | | 7.0E-01 |
| | | | | 3.0E-04 | P | | | | | | 1.36E+09 | | 1 | 0.1 | ~Perfluorobutanesulfonate | 45187-15-3 | | | | | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| | | | | 3.0E-04 | P | | | | | | 1.36E+09 | | 1 | 0.1 | ~Perfluorobutanesulfonic acid (PFBS) | 375-73-5 | | | | | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| | | | | 2.0E-05 | A | | | | | | 1.36E+09 | | 1 | 0.1 | ~Perfluorohexanesulfonate | 108427-53-8 | | | | | 4.7E+00 | 2.0E+01 | | 3.8E+00 |
| | | | | 2.0E-05 | A | | | | | | 1.36E+09 | | 1 | 0.1 | ~Perfluorohexanesulfonic acid (PFHxS) | 355-46-4 | | | | | 4.7E+00 | 2.0E+01 | | 3.8E+00 |
| | | | | 3.0E-06 | A | | | | | | 1.36E+09 | | 1 | 0.1 | ~Perfluorononanoate | 72007-68-2 | | | | | 7.0E-01 | 3.0E+00 | | 5.7E-01 |
| | | | | 3.0E-06 | A | | | | | | 1.36E+09 | | 1 | 0.1 | ~Perfluorononanoic acid (PFNA) | 375-95-1 | | | | | 7.0E-01 | 3.0E+00 | | 5.7E-01 |
| | | | | 2.0E-06 | A | | | | | | 1.36E+09 | | 1 | 0.1 | ~Perfluorooctanesulfonate | 45298-90-6 | | | | | 4.7E-01 | 2.0E+00 | | 3.8E-01 |
| | | | | 2.0E-06 | A | | | | | | 1.36E+09 | | 1 | 0.1 | ~Perfluorooctanesulfonic acid (PFOS) | 1763-23-1 | | | | | 4.7E-01 | 2.0E+00 | | 3.8E-01 |
| 7.0E-02 | D | | | 3.0E-06 | A | | | | | | 1.36E+09 | | 1 | 0.1 | ~Perfluorooctanoate | 45285-51-6 | 9.9E+02 | 3.5E+03 | | 7.8E+02 | 7.0E-01 | 3.0E+00 | | 5.7E-01 |
| 7.0E-02 | D | | | 3.0E-06 | A | | | | | | 1.36E+09 | | 1 | 0.1 | ~Perfluorooctanoic acid (PFOA) | 335-67-1 | 9.9E+02 | 3.5E+03 | | 7.8E+02 | 7.0E-01 | 3.0E+00 | | 5.7E-01 |
| | | | | 3.0E-04 | P | | | | | | 1.36E+09 | | 1 | 0.1 | ~Potassium perfluorobutanesulfonate | 29420-49-3 | | | | | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| | | | | 2.0E-06 | A | | | | | | 1.36E+09 | | 1 | 0.1 | ~Potassium perfluorooctanesulfonate | 2795-39-3 | | | | | 4.7E-01 | 2.0E+00 | | 3.8E-01 |
| | | | | | | | | | | | | | | | Perchlorates | | | | | | | | | |
| | | | | 7.0E-04 | I | | | | | | 1.36E+09 | | 1 | | ~Ammonium Perchlorate | 7790-98-9 | | | | | 1.6E+02 | | | 1.6E+02 |
| | | | | 7.0E-04 | I | | | | | | 1.36E+09 | | 1 | | ~Lithium Perchlorate | 7791-03-9 | | | | | 1.6E+02 | | | 1.6E+02 |
| | | | | 7.0E-04 | I | | | | | | 1.36E+09 | | 1 | | ~Perchlorate and Perchlorate Salts | 14797-73-0 | | | | | 1.6E+02 | | | 1.6E+02 |
| | | | | 7.0E-04 | I | | | | | | 1.36E+09 | | 1 | | ~Potassium Perchlorate | 7778-74-7 | | | | | 1.6E+02 | | | 1.6E+02 |
| | | | | 7.0E-04 | I | | | | | | 1.36E+09 | | 1 | | ~Sodium Perchlorate | 7601-89-0 | | | | | 1.6E+02 | | | 1.6E+02 |
| | | | | 5.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Permethrin | 52645-53-1 | | | | | 1.2E+04 | 4.9E+04 | | 9.5E+03 |
| 2.2E-03 | C | 6.3E-07 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Phenacetin | 62-44-2 | 3.2E+04 | 1.1E+05 | 6.1E+08 | 2.5E+04 | | | | |
| | | | | 2.4E-01 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Phenmedipham | 13684-63-4 | | | | | 5.6E+04 | 2.4E+05 | | 4.6E+04 |
| | | | | 3.0E-01 | I | 2.0E-01 | C | | | | 1.36E+09 | | 1 | 0.1 | Phenol | 108-95-2 | | | | | 7.0E+04 | 3.0E+05 | 8.5E+08 | 5.7E+04 |
| | | | | 4.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Phenol, 2-(1-methylethoxy)-, methylcarbamate | 114-26-1 | | | | | 9.4E+02 | 4.0E+03 | | 7.6E+02 |
| | | | | 5.0E-04 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Phenothiazine | 92-84-2 | | | | | 1.2E+02 | 4.9E+02 | | 9.5E+01 |
| | | | | 2.0E-04 | X | | | V | | 1.29E+02 | 1.36E+09 | 7.06E+03 | 1 | | Phenyl Isothiocyanate | 103-72-0 | | | | | 4.7E+01 | | | 4.7E+01 |
| | | | | 6.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Phenylenediamine, m- | 108-45-2 | | | | | 1.4E+03 | 5.9E+03 | | 1.1E+03 |
| 1.2E-01 | P | | | 4.0E-03 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Phenylenediamine, o- | 95-54-5 | 5.8E+02 | 2.1E+03 | | 4.5E+02 | 9.4E+02 | 4.0E+03 | | 7.6E+02 |
| | | | | 1.0E-03 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Phenylenediamine, p- | 106-50-3 | | | | | 2.3E+02 | 9.9E+02 | | 1.9E+02 |
| 1.9E-03 | H | | | | | | | | | | 1.36E+09 | | 1 | 0.1 | Phenylphenol, 2- | 90-43-7 | 3.6E+04 | 1.3E+05 | | 2.8E+04 | | | | |
| | | | | 2.0E-04 | H | | | | | | 1.36E+09 | | 1 | 0.1 | Phorate | 298-02-2 | | | | | 4.7E+01 | 2.0E+02 | | 3.8E+01 |
| | | | | | | 3.0E-04 | I | V | | 1.61E+03 | 1.36E+09 | 9.81E+02 | 1 | | Phosgene | 75-44-5 | | | | | | | 9.2E-01 | 9.2E-01 |
| | | | | 2.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Phosmet | 732-11-6 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 3.0E-04 | I | 3.0E-04 | I | V | | | 1.36E+09 | | 1 | | Phosphine | 7803-51-2 | | | | | 7.0E+01 | | 1.3E+06 | 7.0E+01 |
| | | | | | | 1.0E-02 | I | | | | 1.36E+09 | | 1 | | Phosphonic Acid | 7664-38-2 | | | | | | | 4.3E+07 | 4.3E+07 |
| | | | | 2.0E-05 | I | | | V | | | 1.36E+09 | 6.92E+03 | 1 | | Phosphorus, White | 7723-14-0 | | | | | 4.7E+00 | | | 4.7E+00 |
| | | | | | | | | | | | | | | | Phthalates | | | | | | | | | |
| 1.4E-02 | I | 2.4E-06 | C | 2.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | ~Bis(2-ethylhexyl)phthalate | 117-81-7 | 5.0E+03 | 1.8E+04 | 1.6E+08 | 3.9E+03 | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| 1.9E-03 | P | | | 2.0E-01 | I | | | | | | 1.36E+09 | | 1 | 0.1 | ~Butyl Benzyl Phthalate | 85-68-7 | 3.7E+04 | 1.3E+05 | | 2.9E+04 | 4.7E+04 | 2.0E+05 | | 3.8E+04 |
| | | | | 1.0E+00 | I | | | | | | 1.36E+09 | | 1 | 0.1 | ~Butylphthalyl Butylglycolate | 85-70-1 | | | | | 2.3E+05 | 9.9E+05 | | 1.9E+05 |
| | | | | 1.0E-01 | I | | | | | | 1.36E+09 | | 1 | 0.1 | ~Dibutyl Phthalate | 84-74-2 | | | | | 2.3E+04 | 9.9E+04 | | 1.9E+04 |
| | | | | 8.0E-01 | I | | | | | | 1.36E+09 | | 1 | 0.1 | ~Diethyl Phthalate | 84-66-2 | | | | | 1.9E+05 | 7.9E+05 | | 1.5E+05 |
| | | | | 1.0E-01 | I | | | V | | | 1.36E+09 | 2.13E+04 | 1 | | ~Dimethylterephthalate | 120-61-6 | | | | | 2.3E+04 | | | 2.3E+04 |
| | | | | 1.0E-02 | P | | | | | | 1.36E+09 | | 1 | 0.1 | ~Octyl Phthalate, di-N- | 117-84-0 | | | | | 2.3E+03 | 9.9E+03 | | 1.9E+03 |
| | | | | 5.0E-01 | X | | | | | | 1.36E+09 | | 1 | 0.1 | ~Phthalic Acid, p- | 100-21-0 | | | | | 1.2E+05 | 4.9E+05 | | 9.5E+04 |
| | | | | 2.0E+00 | I | 2.0E-02 | C | | | | 1.36E+09 | | 1 | 0.1 | ~Phthalic Anhydride | 85-44-9 | | | | | 4.7E+05 | 2.0E+06 | 8.5E+07 | 3.8E+05 |
| | | | | 7.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Picloram | 1918-02-1 | | | | | 1.6E+04 | 6.9E+04 | | 1.3E+04 |
| | | | | 1.0E-04 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Picramic Acid (2-Amino-4,6-dinitrophenol) | 96-91-3 | | | | | 2.3E+01 | 9.9E+01 | | 1.9E+01 |
| | | | | 2.0E-03 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Picric Acid (2,4,6-Trinitrophenol) | 88-89-1 | | | | | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| | | | | 7.3E-04 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Pirimiphos, Methyl | 29232-93-7 | | | | | 1.7E+02 | 7.2E+02 | | 1.4E+02 |
| 3.0E+01 | C | 8.6E-03 | C | 7.0E-06 | H | | | | | | 1.36E+09 | | 1 | 0.1 | Polybrominated Biphenyls | 36355-01-8 | 2.3E+00 | 8.2E+00 | 4.4E+04 | 1.8E+00 | 1.6E+00 | 6.9E+00 | | 1.3E+00 |
| | | | | | | | | | | | | | | | Polychlorinated Biphenyls (PCBs) | | | | | | | | | |
| 7.0E-02 | G | 2.0E-05 | G | 7.0E-05 | I | | | V | | | 1.36E+09 | 5.86E+05 | 1 | 0.14 | ~Aroclor 1016 | 12674-11-2 | 9.9E+02 | 2.5E+03 | 8.2E+03 | 6.6E+02 | 1.6E+01 | 4.9E+01 | | 1.2E+01 |
| 2.0E+00 | G | 5.7E-04 | G | | | | | V | | | 1.36E+09 | 2.04E+05 | 1 | 0.14 | ~Aroclor 1221 | 11104-28-2 | 3.5E+01 | 8.8E+01 | 1.0E+02 | 2.0E+01 | | | | |
| 2.0E+00 | G | 5.7E-04 | G | | | | | V | | | 1.36E+09 | 1.12E+05 | 1 | 0.14 | ~Aroclor 1232 | 11141-16-5 | 3.5E+01 | 8.8E+01 | 5.5E+01 | 1.7E+01 | | | | |
| 2.0E+00 | G | 5.7E-04 | G | | | | | V | | | 1.36E+09 | 5.91E+05 | 1 | 0.14 | ~Aroclor 1242 | 53469-21-9 | 3.5E+01 | 8.8E+01 | 2.9E+02 | 2.3E+01 | | | | |
| 2.0E+00 | G | 5.7E-04 | G | | | | | V | | | 1.36E+09 | 5.14E+05 | 1 | 0.14 | ~Aroclor 1248 | 12672-29-6 | 3.5E+01 | 8.8E+01 | 2.5E+02 | 2.3E+01 | | | | |
| 2.0E+00 | G | 5.7E-04 | G | 2.0E-05 | I | | | V | | | 1.36E+09 | 8.43E+05 | 1 | 0.14 | ~Aroclor 1254 | 11097-69-1 | 3.5E+01 | 8.8E+01 | 4.1E+02 | 2.4E+01 | 4.7E+00 | 1.4E+01 | | 3.5E+00 |
| 2.0E+00 | G | 5.7E-04 | G | | | | | V | | | 1.36E+09 | 1.31E+06 | 1 | 0.14 | ~Aroclor 1260 | 11096-82-5 | 3.5E+01 | 8.8E+01 | 6.5E+02 | 2.4E+01 | | | | |
| | | | | 6.0E-04 | X | | | V | | | 1.36E+09 | 1.15E+06 | 1 | 0.14 | ~Aroclor 5460 | 11126-42-4 | | | | | 1.4E+02 | 4.2E+02 | | 1.1E+02 |
| 3.9E+00 | W | 1.1E-03 | W | 2.3E-05 | W | 1.3E-03 | W | V | | | 1.36E+09 | 2.43E+06 | 1 | 0.14 | ~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189) | 39635-31-9 | 1.8E+01 | 4.5E+01 | 6.0E+02 | 1.3E+01 | 5.5E+00 | 1.6E+01 | 1.0E+04 | 4.1E+00 |
| 3.9E+00 | W | 1.1E-03 | W | 2.3E-05 | W | 1.3E-03 | W | V | | | 1.36E+09 | 1.58E+06 | 1 | 0.14 | ~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167) | 52663-72-6 | 1.8E+01 | 4.5E+01 | 3.9E+02 | 1.2E+01 | 5.5E+00 | 1.6E+01 | 6.6E+03 | 4.1E+00 |
| 3.9E+00 | W | 1.1E-03 | W | 2.3E-05 | W | 1.3E-03 | W | V | | | 1.36E+09 | 1.04E+06 | 1 | 0.14 | ~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157) | 69782-90-7 | 1.8E+01 | 4.5E+01 | 2.6E+02 | 1.2E+01 | 5.5E+00 | 1.6E+01 | 4.3E+03 | 4.1E+00 |
| 3.9E+00 | W | 1.1E-03 | W | 2.3E-05 | W | 1.3E-03 | W | V | | | 1.36E+09 | 1.11E+06 | 1 | 0.14 | ~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156) | 38380-08-4 | 1.8E+01 | 4.5E+01 | 2.7E+02 | 1.2E+01 | 5.5E+00 | 1.6E+01 | 4.6E+03 | 4.1E+00 |
| 3.9E+03 | W | 1.1E+00 | W | 2.3E-08 | W | 1.3E-06 | W | V | | | 1.36E+09 | 1.58E+06 | 1 | 0.14 | ~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169) | 32774-16-6 | 1.8E-02 | 4.5E-02 | 3.9E-01 | 1.2E-02 | 5.5E-03 | 1.6E-02 | 6.6E+00 | 4.1E-03 |

RMLS TR=1E-04 THQ=3

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user's guide; U = user provided; ca = cancer; nc = noncancer; * = where: nc SL < 100X ca SL; ** = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer Child Hazard Index (HI) = 3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SFO (mg/kg-day)$^{-1}$ | key | IUR (ug/m$^3$)$^{-1}$ | key | $RfD_o$ (mg/kg-day) | key | $RfC_i$ (mg/m$^3$) | key | vol | mutagen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | $ABS_d$ | Analyte | CAS No. | Ingestion SL TR=1E-04 (mg/kg) | Dermal SL TR=1E-04 (mg/kg) | Inhalation SL TR=1E-04 (mg/kg) | Carcinogenic SL TR=1E-04 (mg/kg) | Ingestion SL Child THQ=3 (mg/kg) | Dermal SL Child THQ=3 (mg/kg) | Inhalation SL Child THQ=3 (mg/kg) | Noncarcinogenic SL Child THI=3 (mg/kg) |
| 3.9E+00 | W | 1.1E-03 | W | 2.3E-05 | W | 1.3E-03 | W | V | | | 1.36E+09 | 7.33E+05 | 1 | 0.14 | ~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123) | 65510-44-3 | 1.8E+01 | 4.5E+01 | 1.8E+02 | 1.2E+01 | 5.5E+00 | 1.6E+01 | 3.1E+03 | 4.1E+00 |
| 3.9E+00 | W | 1.1E-03 | W | 2.3E-05 | W | 1.3E-03 | W | V | | | 1.36E+09 | 5.90E+05 | 1 | 0.14 | ~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118) | 31508-00-6 | 1.8E+01 | 4.5E+01 | 1.5E+02 | 1.2E+01 | 5.5E+00 | 1.6E+01 | 2.5E+03 | 4.1E+00 |
| 3.9E+00 | W | 1.1E-03 | W | 2.3E-05 | W | 1.3E-03 | W | V | | | 1.36E+09 | 6.01E+05 | 1 | 0.14 | ~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105) | 32598-14-4 | 1.8E+01 | 4.5E+01 | 1.5E+02 | 1.2E+01 | 5.5E+00 | 1.6E+01 | 2.5E+03 | 4.1E+00 |
| 3.9E+00 | W | 1.1E-03 | W | 2.3E-05 | W | 1.3E-03 | W | V | | | 1.36E+09 | 1.05E+06 | 1 | 0.14 | ~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114) | 74472-37-0 | 1.8E+01 | 4.5E+01 | 2.6E+02 | 1.2E+01 | 5.5E+00 | 1.6E+01 | 4.4E+03 | 4.1E+00 |
| 1.3E+04 | W | 3.8E+00 | W | 7.0E-09 | W | 4.0E-07 | W | V | | | 1.36E+09 | 7.26E+05 | 1 | 0.14 | ~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126) | 57465-28-8 | 5.3E-03 | 1.4E-02 | 5.4E-02 | 3.6E-03 | 1.6E-03 | 4.9E-03 | 9.1E-01 | 1.2E-03 |
| 2.0E+00 | I | 5.7E-04 | I | | | | | V | | | 1.36E+09 | 5.32E+05 | 1 | 0.14 | ~Polychlorinated Biphenyls (high risk) | 1336-36-3 | 3.5E+01 | 8.8E+01 | 2.6E+02 | 2.3E+01 | | | | |
| 4.0E-01 | I | 1.0E-04 | I | | | | | V | | | | | 1 | 0.14 | ~Polychlorinated Biphenyls (low risk) | 1336-36-3 | | | | | | | | |
| 7.0E-02 | I | 2.0E-05 | I | | | | | V | | | | | 1 | 0.14 | ~Polychlorinated Biphenyls (lowest risk) | 1336-36-3 | | | | | | | | |
| 1.3E+01 | W | 3.8E-03 | W | 7.0E-06 | W | 4.0E-04 | W | | | | 1.36E+09 | | 1 | 0.14 | ~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77) | 32598-13-3 | 5.3E+00 | 1.4E+01 | 1.0E+05 | 3.8E+00 | 1.6E+00 | 4.9E+00 | 1.7E+06 | 1.2E+00 |
| 3.9E+01 | W | 1.1E-02 | W | 2.3E-06 | W | 1.3E-04 | W | V | | | 1.36E+09 | 5.09E+05 | 1 | 0.14 | ~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81) | 70362-50-4 | 1.8E+00 | 4.5E+00 | 1.3E+01 | 1.2E+00 | 5.5E-01 | 1.6E+00 | 2.1E+02 | 4.1E-01 |
| | | | | | | 6.0E-04 | I | | | | 1.36E+09 | | 1 | 0.1 | Polymeric Methylene Diphenyl Diisocyanate (PMDI) | 9016-87-9 | | | | | | | 2.6E+06 | 2.6E+06 |
| | | | | | | | | | | | | | | | Polynuclear Aromatic Hydrocarbons (PAHs) | | | | | | | | | |
| | | | | 6.0E-02 | I | | | V | | | 1.36E+09 | 1.41E+05 | 1 | 0.13 | ~Acenaphthene | 83-32-9 | | | | | 1.4E+04 | 4.6E+04 | | 1.1E+04 |
| | | | | 3.0E-01 | I | | | V | | | 1.36E+09 | 5.23E+05 | 1 | 0.13 | ~Anthracene | 120-12-7 | | | | | 7.0E+04 | 2.3E+05 | | 5.4E+04 |
| 1.0E-01 | E | 6.0E-05 | E | | | | | V | M | | 1.36E+09 | 4.41E+06 | 1 | 0.13 | ~Benz[a]anthracene | 56-55-3 | 1.5E+02 | 4.6E+02 | 7.4E+03 | 1.1E+02 | | | | |
| | | | | 9.0E-05 | X | 2.0E-06 | X | | | | 1.36E+09 | | 1 | 0.1 | ~Benzo(e)pyrene | 192-97-2 | | | | | 2.1E+01 | 8.9E+01 | 8.5E+03 | 1.7E+01 |
| 1.2E+00 | C | 1.1E-04 | C | | | | | | | | 1.36E+09 | | 1 | 0.13 | ~Benzo(i)fluoranthene | 205-82-3 | 5.8E+01 | 1.6E+02 | 3.5E+06 | 4.2E+01 | | | | |
| 1.0E+00 | I | 6.0E-04 | I | 3.0E-04 | I | 2.0E-06 | I | | M | | 1.36E+09 | | 1 | 0.13 | ~Benzo[a]pyrene | 50-32-8 | 1.5E+01 | 4.6E+01 | 2.3E+05 | 1.1E+01 | 7.0E+01 | 2.3E+02 | 8.5E+03 | 5.3E+01 |
| 1.0E-01 | E | 6.0E-05 | E | | | | | | M | | 1.36E+09 | | 1 | 0.13 | ~Benzo[b]fluoranthene | 205-99-2 | 1.5E+02 | 4.6E+02 | 2.3E+06 | 1.1E+02 | | | | |
| 1.0E-02 | E | 6.0E-06 | E | | | | | | M | | 1.36E+09 | | 1 | 0.13 | ~Benzo[k]fluoranthene | 207-08-9 | 1.5E+03 | 4.6E+03 | 2.3E+07 | 1.1E+03 | | | | |
| | | | | 8.0E-02 | I | | | V | | | 1.36E+09 | 7.99E+04 | 1 | 0.13 | ~Chloronaphthalene, Beta- | 91-58-7 | | | | | 1.9E+04 | 6.1E+04 | | 1.4E+04 |
| 1.0E-03 | E | 6.0E-07 | E | | | | | | M | | 1.36E+09 | | 1 | 0.13 | ~Chrysene | 218-01-9 | 1.5E+04 | 4.6E+04 | 2.3E+08 | 1.1E+04 | | | | |
| 1.0E+00 | E | 6.0E-04 | E | | | | | | M | | 1.36E+09 | | 1 | 0.13 | ~Dibenz[a,h]anthracene | 53-70-3 | 1.5E+01 | 4.6E+01 | 2.3E+05 | 1.1E+01 | | | | |
| 1.2E+01 | C | 1.1E-03 | C | | | | | | | | 1.36E+09 | | 1 | 0.13 | ~Dibenzo(a,e)pyrene | 192-65-4 | 5.8E+00 | 1.6E+01 | 3.5E+05 | 4.2E+00 | | | | |
| 2.5E+02 | C | 7.1E-02 | C | | | | | | M | | 1.36E+09 | | 1 | 0.13 | ~Dimethylbenz(a)anthracene, 7,12- | 57-97-6 | 6.1E-02 | 1.8E-01 | 1.9E+03 | 4.6E-02 | | | | |
| | | | | 4.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.13 | ~Fluoranthene | 206-44-0 | | | | | 9.4E+03 | 3.0E+04 | | 7.2E+03 |
| | | | | 4.0E-02 | I | | | V | | | 1.36E+09 | 2.81E+05 | 1 | 0.13 | ~Fluorene | 86-73-7 | | | | | 9.4E+03 | 3.0E+04 | | 7.2E+03 |
| 1.0E-01 | E | 6.0E-05 | E | | | | | | M | | 1.36E+09 | | 1 | 0.13 | ~Indeno[1,2,3-cd]pyrene | 193-39-5 | 1.5E+02 | 4.6E+02 | 2.3E+06 | 1.1E+02 | | | | |
| 2.9E-02 | P | | | 7.0E-02 | A | | | V | | 3.94E+02 | 1.36E+09 | 5.86E+04 | 1 | 0.13 | ~Methylnaphthalene, 1- | 90-12-0 | 2.4E+03 | 6.6E+03 | | 1.8E+03 | 1.6E+04 | 5.3E+04 | | 1.3E+04 |
| | | | | 4.0E-03 | I | | | V | | | 1.36E+09 | 5.80E+04 | 1 | 0.13 | ~Methylnaphthalene, 2- | 91-57-6 | | | | | 9.4E+02 | 3.0E+03 | | 7.2E+02 |
| 1.2E-01 | C | 3.4E-05 | C | 2.0E-02 | I | 3.0E-03 | I | V | | | 1.36E+09 | 4.63E+04 | 1 | 0.13 | ~Naphthalene | 91-20-3 | 5.8E+02 | 1.6E+03 | 3.8E+02 | 2.0E+02 | 4.7E+03 | 1.5E+04 | 4.3E+02 | 3.9E+02 |
| 1.2E+00 | C | 1.1E-04 | C | | | | | | | | 1.36E+09 | | 1 | 0.13 | ~Nitropyrene, 4- | 57835-92-4 | 5.8E+01 | 1.6E+02 | 3.5E+06 | 4.2E+01 | | | | |
| | | | | 3.0E-02 | I | | | V | | | 1.36E+09 | 2.38E+06 | 1 | 0.13 | ~Pyrene | 129-00-0 | | | | | 7.0E+03 | 2.3E+04 | | 5.4E+03 |
| 1.5E-01 | I | | | 9.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Prochloraz | 67747-09-5 | 4.6E+02 | 1.6E+03 | | 3.6E+02 | 2.1E+03 | 8.9E+03 | | 1.7E+03 |
| | | | | 6.0E-03 | H | | | V | | | 1.36E+09 | 4.20E+05 | 1 | | Profluralin | 26399-36-0 | | | | | 1.4E+03 | | | 1.4E+03 |
| | | | | 1.5E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Prometon | 1610-18-0 | | | | | 3.5E+03 | 1.5E+04 | | 2.8E+03 |
| | | | | 4.0E-02 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Prometryn | 7287-19-6 | | | | | 9.4E+03 | 4.0E+04 | | 7.6E+03 |
| | | | | 7.5E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Pronamide | 23950-58-5 | | | | | 1.8E+04 | 7.4E+04 | | 1.4E+04 |
| | | | | 1.3E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Propachlor | 1918-16-7 | | | | | 3.1E+03 | 1.3E+04 | | 2.5E+03 |
| | | | | 5.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Propanil | 709-98-8 | | | | | 1.2E+03 | 4.9E+03 | | 9.5E+02 |
| 1.9E-01 | O | | | 4.0E-02 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Propargite | 2312-35-8 | 3.6E+02 | 1.3E+03 | | 2.8E+02 | 9.4E+03 | 4.0E+04 | | 7.6E+03 |
| | | | | 2.0E-03 | I | | | V | | 1.11E+05 | 1.36E+09 | 6.27E+04 | 1 | | Propargyl Alcohol | 107-19-7 | | | | | 4.7E+02 | | | 4.7E+02 |
| | | | | 2.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Propazine | 139-40-2 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 2.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Propham | 122-42-9 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 1.0E-01 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Propiconazole | 60207-90-1 | | | | | 2.3E+04 | 9.9E+04 | | 1.9E+04 |
| | | | | | | 8.0E-03 | I | V | | 3.26E+04 | 1.36E+09 | 8.94E+03 | 1 | | Propionaldehyde | 123-38-6 | | | | | | | 2.2E+02 | 2.2E+02 |
| | | | | 1.0E-01 | X | 1.0E+00 | X | V | | 2.64E+02 | 1.36E+09 | 6.99E+03 | 1 | | Propyl benzene | 103-65-1 | | | | | 2.3E+04 | | 2.2E+04 | 1.1E+04 |
| | | | | | | 3.0E+00 | C | V | | 3.49E+02 | 1.36E+09 | 7.04E+02 | 1 | | Propylene | 115-07-1 | | | | | | | 6.6E+03 | 6.6E+03 |
| | | | | 2.0E+01 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Propylene Glycol | 57-55-6 | | | | | 4.7E+06 | 2.0E+07 | | 3.8E+06 |
| | | | | | | 2.7E-04 | A | | | | 1.36E+09 | | 1 | 0.1 | Propylene Glycol Dinitrate | 6423-43-4 | | | | | | | 1.2E+06 | 1.2E+06 |
| | | | | 7.0E-01 | H | 2.0E+00 | I | V | | 1.06E+05 | 1.36E+09 | 7.83E+04 | 1 | | Propylene Glycol Monomethyl Ether | 107-98-2 | | | | | 1.6E+05 | | 4.9E+05 | 1.2E+05 |
| 2.4E-01 | I | 3.7E-06 | I | | | 3.0E-02 | I | V | | 7.77E+04 | 1.36E+09 | 1.03E+04 | 1 | | Propylene Oxide | 75-56-9 | 2.9E+02 | | 7.8E+02 | 2.1E+02 | | | 9.7E+02 | 9.7E+02 |
| | | | | 1.0E-03 | I | | | V | | 5.30E+05 | 1.36E+09 | 5.54E+04 | 1 | | Pyridine | 110-86-1 | | | | | 2.3E+02 | | | 2.3E+02 |
| | | | | 5.0E-04 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Quinalphos | 13593-03-8 | | | | | 1.2E+02 | 4.9E+02 | | 9.5E+01 |
| 3.0E+00 | I | | | | | | | | | | 1.36E+09 | | 1 | 0.1 | Quinoline | 91-22-5 | 2.3E+01 | 8.2E+01 | | 1.8E+01 | | | | |
| | | | | 9.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Quizalofop-ethyl | 76578-14-8 | | | | | 2.1E+03 | 8.9E+03 | | 1.7E+03 |
| | | | | | | 3.0E+04 | A | | | | | | 1 | | Refractory Ceramic Fibers (units in fibers) | E715557 | | | | | | | | |
| | | | | 3.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Resmethrin | 10453-86-8 | | | | | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| | | | | 5.0E-02 | H | | | V | | | 1.36E+09 | 4.65E+05 | 1 | | Ronnel | 299-84-3 | | | | | 1.2E+04 | | | 1.2E+04 |
| | | | | 4.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Rotenone | 83-79-4 | | | | | 9.4E+02 | 4.0E+03 | | 7.6E+02 |
| 2.2E-01 | C | 6.3E-05 | C | | | | | | M | | 1.36E+09 | | 1 | 0.1 | Safrole | 94-59-7 | 7.0E+01 | 2.7E+02 | 2.2E+06 | 5.5E+01 | | | | |
| | | | | 5.0E-03 | I | | | | | | 1.36E+09 | | 1 | | Selenious Acid | 7783-00-8 | | | | | 1.2E+03 | | | 1.2E+03 |
| | | | | 5.0E-03 | I | 2.0E-02 | C | | | | 1.36E+09 | | 1 | | Selenium | 7782-49-2 | | | | | 1.2E+03 | | 8.5E+07 | 1.2E+03 |
| | | | | 5.0E-03 | C | 2.0E-02 | C | | | | 1.36E+09 | | 1 | | Selenium Sulfide | 7446-34-6 | | | | | 1.2E+03 | | 8.5E+07 | 1.2E+03 |
| | | | | 1.4E-01 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Sethoxydim | 74051-80-2 | | | | | 3.3E+04 | 1.4E+05 | | 2.7E+04 |
| | | | | | | 3.0E-03 | C | | | | 1.36E+09 | | 1 | | Silica (crystalline, respirable) | 7631-86-9 | | | | | | | 1.3E+07 | 1.3E+07 |
| | | | | 5.0E-03 | I | | | | | | 1.36E+09 | | 0.04 | | Silver | 7440-22-4 | | | | | 1.2E+03 | | | 1.2E+03 |
| 1.2E-01 | H | | | 5.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Simazine | 122-34-9 | 5.8E+02 | 2.1E+03 | | 4.5E+02 | 1.2E+03 | 4.9E+03 | | 9.5E+02 |
| | | | | 1.3E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Sodium Acifluorfen | 62476-59-9 | | | | | 3.1E+03 | 1.3E+04 | | 2.5E+03 |
| | | | | 4.0E-03 | I | | | | | | 1.36E+09 | | 1 | | Sodium Azide | 26628-22-8 | | | | | 9.4E+02 | | | 9.4E+02 |
| 2.7E-01 | H | | | 3.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Sodium Diethyldithiocarbamate | 148-18-5 | 2.6E+02 | 9.2E+02 | | 2.0E+02 | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| | | | | 5.0E-02 | A | 1.3E-02 | C | | | | 1.36E+09 | | 1 | | Sodium Fluoride | 7681-49-4 | | | | | 1.2E+04 | | 5.5E+07 | 1.2E+04 |
| | | | | 2.0E-05 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Sodium Fluoroacetate | 62-74-8 | | | | | 4.7E+00 | 2.0E+01 | | 3.8E+00 |
| | | | | 1.0E-03 | H | | | | | | 1.36E+09 | | 1 | | Sodium Metavanadate | 13718-26-8 | | | | | 2.3E+02 | | | 2.3E+02 |
| | | | | 8.0E-04 | P | | | | | | 1.36E+09 | | 1 | | Sodium Tungstate | 13472-45-2 | | | | | 1.9E+02 | | | 1.9E+02 |
| | | | | 8.0E-04 | P | | | | | | 1.36E+09 | | 1 | | Sodium Tungstate Dihydrate | 10213-10-2 | | | | | 1.9E+02 | | | 1.9E+02 |
| 2.4E-02 | H | | | 3.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Stirofos (Tetrachlorovinphos) | 961-11-5 | 2.9E+03 | 1.0E+04 | | 2.3E+03 | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| | | | | 6.0E-01 | I | | | | | | 1.36E+09 | | 1 | | Strontium, Stable | 7440-24-6 | | | | | 1.4E+05 | | | 1.4E+05 |

RMLS TR=1E-04 THQ=3

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user's guide; U = user provided; ca = cancer; nc = noncancer; * = where: nc SL < 100X ca SL; ** = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer Child Hazard Index (HI) = 3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SFO (mg/kg-day)$^{-1}$ | key | IUR (ug/m$^3$)$^{-1}$ | key | $RfD_o$ (mg/kg-day) | key | $RfC_i$ (mg/m$^3$) | key | vol | mutagen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | $ABS_d$ | Analyte | CAS No. | Ingestion SL TR=1E-04 (mg/kg) | Dermal SL TR=1E-04 (mg/kg) | Inhalation SL TR=1E-04 (mg/kg) | Carcinogenic SL TR=1E-04 (mg/kg) | Ingestion SL Child THQ=3 (mg/kg) | Dermal SL Child THQ=3 (mg/kg) | Inhalation SL Child THQ=3 (mg/kg) | Noncarcinogenic SL Child THI=3 (mg/kg) |
| | | | | 3.0E-04 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Strychnine | 57-24-9 | | | | | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| | | | | 2.0E-01 | I | 1.0E+00 | I | V | | 8.67E+02 | 1.36E+09 | 9.35E+03 | 1 | | Styrene | 100-42-5 | | | | | 4.7E+04 | | 2.9E+04 | 1.8E+04 |
| | | | | 3.0E-03 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Styrene-Acrylonitrile (SAN) Trimer (THNA isomer) | 57964-39-3 | | | | | 7.0E+02 | 3.0E+03 | | 5.7E+02 |
| | | | | 3.0E-03 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Styrene-Acrylonitrile (SAN) Trimer (THNP isomer) | 57964-40-6 | | | | | 7.0E+02 | 3.0E+03 | | 5.7E+02 |
| | | | | 1.0E-03 | P | 2.0E-03 | X | | | | 1.36E+09 | | 1 | 0.1 | Sulfolane | 126-33-0 | | | | | 2.3E+02 | 9.9E+02 | 8.5E+06 | 1.9E+02 |
| | | | | 8.0E-04 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Sulfonylbis(4-chlorobenzene), 1,1'- | 80-07-9 | | | | | 1.9E+02 | 7.9E+02 | | 1.5E+02 |
| | | | | | | 1.0E-03 | C | V | | | 1.36E+09 | | 1 | | Sulfur Trioxide | 7446-11-9 | | | | | | | 4.3E+06 | 4.3E+06 |
| | | | | | | 1.0E-03 | C | | | | 1.36E+09 | | 1 | | Sulfuric Acid | 7664-93-9 | | | | | | | 4.3E+06 | 4.3E+06 |
| 2.5E-02 | I | 7.1E-06 | I | 5.0E-02 | H | | | | | | 1.36E+09 | | 1 | 0.1 | Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl | 140-57-8 | 2.8E+03 | 9.9E+03 | 5.4E+07 | 2.2E+03 | 1.2E+04 | 4.9E+04 | | 9.5E+03 |
| | | | | 3.0E-02 | H | | | | | | 1.36E+09 | | 1 | 0.1 | TCMTB | 21564-17-0 | | | | | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| | | | | 7.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Tebuthiuron | 34014-18-1 | | | | | 1.6E+04 | 6.9E+04 | | 1.3E+04 |
| | | | | 2.0E-02 | H | | | | | | 1.36E+09 | | 1 | 0.1 | Temephos | 3383-96-8 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 1.3E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Terbacil | 5902-51-2 | | | | | 3.1E+03 | 1.3E+04 | | 2.5E+03 |
| | | | | 2.5E-05 | H | | | V | | 3.09E+01 | 1.36E+09 | 2.64E+05 | 1 | | Terbufos | 13071-79-9 | | | | | 5.9E+00 | | | 5.9E+00 |
| | | | | 1.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Terbutryn | 886-50-0 | | | | | 2.3E+02 | 9.9E+02 | | 1.9E+02 |
| 5.0E-03 | C | 1.3E-06 | C | | | | | V | | | 1.36E+09 | 3.99E+03 | 1 | | Tert-Butyl Acetate | 540-88-5 | 1.4E+04 | | 8.6E+02 | 8.1E+02 | | | | |
| | | | | 1.0E-04 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47) | 5436-43-1 | | | | | 2.3E+01 | 9.9E+01 | | 1.9E+01 |
| | | | | 3.0E-05 | P | | | V | | | 1.36E+09 | 5.07E+04 | 1 | | Tetrachlorobenzene, 1,2,4,5- | 95-94-3 | | | | | 7.0E+00 | | | 7.0E+00 |
| 2.6E-02 | I | 7.4E-06 | I | 3.0E-02 | I | | | V | | 6.80E+02 | 1.36E+09 | 5.68E+03 | 1 | | Tetrachloroethane, 1,1,1,2- | 630-20-6 | 2.7E+03 | | 2.2E+02 | 2.0E+02 | 7.0E+03 | | | 7.0E+03 |
| 2.0E-01 | I | 5.8E-05 | C | 2.0E-02 | I | | | V | | 1.90E+03 | 1.36E+09 | 1.51E+04 | 1 | | Tetrachloroethane, 1,1,2,2- | 79-34-5 | 3.5E+02 | | 7.3E+01 | 6.0E+01 | 4.7E+03 | | | 4.7E+03 |
| 2.1E-03 | I | 2.6E-07 | I | 6.0E-03 | I | 4.0E-02 | I | V | | 1.66E+02 | 1.36E+09 | 2.35E+03 | 1 | | Tetrachloroethylene | 127-18-4 | 3.3E+04 | | 2.5E+03 | 2.4E+03 | 1.4E+03 | | 2.9E+02 | 2.4E+02 |
| | | | | 3.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Tetrachlorophenol, 2,3,4,6- | 58-90-2 | | | | | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| 1.6E+01 | X | | | 6.0E-05 | X | | | V | | | 1.36E+09 | 1.05E+05 | 1 | | Tetrachlorotoluene, p- alpha, alpha, alpha- | 5216-25-1 | 4.3E+00 | | | 4.3E+00 | 1.4E+01 | | | 1.4E+01 |
| | | | | 5.0E-04 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Tetraethyl Dithiopyrophosphate | 3689-24-5 | | | | | 1.2E+02 | 4.9E+02 | | 9.5E+01 |
| | | | | | | 8.0E+01 | I | V | | 2.05E+03 | 1.36E+09 | 1.22E+03 | 1 | | Tetrafluoroethane, 1,1,1,2- | 811-97-2 | | | | | | | 3.1E+05 | 3.1E+05 |
| | | | | 1.0E-04 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Tetramethylphosphoramide, -N,N,N',N" (TMPA) | 16853-36-4 | | | | | 2.3E+01 | 9.9E+01 | | 1.9E+01 |
| | | | | 2.0E-03 | P | | | | | | 1.36E+09 | | 1 | 0.00065 | Tetryl (Trinitrophenylmethylnitramine) | 479-45-8 | | | | | 4.7E+02 | 3.0E+05 | | 4.7E+02 |
| | | | | 2.0E-05 | G | | | | | | 1.36E+09 | | 1 | | Thallic Oxide | 1314-32-5 | | | | | 4.7E+00 | | | 4.7E+00 |
| | | | | 1.0E-05 | X | | | | | | 1.36E+09 | | 1 | | Thallium (I) Nitrate | 10102-45-1 | | | | | 2.3E+00 | | | 2.3E+00 |
| | | | | 1.0E-05 | X | | | | | | 1.36E+09 | | 1 | | Thallium (Soluble Salts) | 7440-28-0 | | | | | 2.3E+00 | | | 2.3E+00 |
| | | | | 1.0E-05 | X | | | V | | | 1.36E+09 | 1.40E+05 | 1 | | Thallium Acetate | 563-68-8 | | | | | 2.3E+00 | | | 2.3E+00 |
| | | | | 2.0E-05 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Thallium Carbonate | 6533-73-9 | | | | | 4.7E+00 | 2.0E+01 | | 3.8E+00 |
| | | | | 1.0E-05 | X | | | | | | 1.36E+09 | | 1 | | Thallium Chloride | 7791-12-0 | | | | | 2.3E+00 | | | 2.3E+00 |
| | | | | 1.0E-05 | G | | | | | | 1.36E+09 | | 1 | | Thallium Selenite | 12039-52-0 | | | | | 2.3E+00 | | | 2.3E+00 |
| | | | | 2.0E-05 | X | | | | | | 1.36E+09 | | 1 | | Thallium Sulfate | 7446-18-6 | | | | | 4.7E+00 | | | 4.7E+00 |
| | | | | 4.3E-02 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Thifensulfuron-methyl | 79277-27-3 | | | | | 1.0E+04 | 4.3E+04 | | 8.2E+03 |
| | | | | 1.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Thiobencarb | 28249-77-6 | | | | | 2.3E+03 | 9.9E+03 | | 1.9E+03 |
| | | | | 7.0E-02 | X | | | | | | 1.36E+09 | | 1 | 0.0075 | Thiodiglycol | 111-48-8 | | | | | 1.6E+04 | 9.2E+05 | | 1.6E+04 |
| | | | | 3.0E-04 | H | | | | | | 1.36E+09 | | 1 | 0.1 | Thiofanox | 39196-18-4 | | | | | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| 1.2E-02 | O | | | 1.6E-01 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Thiophanate, Methyl | 23564-05-8 | 6.0E+03 | 2.1E+04 | | 4.7E+03 | 3.8E+04 | 1.6E+05 | | 3.0E+04 |
| | | | | 1.5E-02 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Thiram | 137-26-8 | | | | | 3.5E+03 | 1.5E+04 | | 2.8E+03 |
| | | | | 6.0E-01 | H | | | | | | 1.36E+09 | | 1 | | Tin | 7440-31-5 | | | | | 1.4E+05 | | | 1.4E+05 |
| | | | | | | 1.0E-04 | A | V | | | 1.36E+09 | | 1 | | Titanium Tetrachloride | 7550-45-0 | | | | | | | 4.3E+05 | 4.3E+05 |
| | | | | 8.0E-02 | I | 5.0E+00 | I | V | | 8.18E+02 | 1.36E+09 | 4.29E+03 | 1 | | Toluene | 108-88-3 | | | | | 1.9E+04 | | 6.7E+04 | 1.5E+04 |
| 3.9E-02 | C | 1.1E-05 | C | | | 8.0E-06 | C | V | | | 1.36E+09 | 7.62E+05 | 1 | | Toluene-2,4-diisocyanate | 584-84-9 | 1.8E+03 | | 1.9E+04 | 1.6E+03 | | | 1.9E+01 | 1.9E+01 |
| 1.8E-01 | X | | | 2.0E-04 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Toluene-2,5-diamine | 95-70-5 | 3.9E+02 | 1.4E+03 | | 3.0E+02 | 4.7E+01 | 2.0E+02 | | 3.8E+01 |
| 3.9E-02 | C | 1.1E-05 | C | | | 8.0E-06 | C | V | | 1.71E+03 | 1.36E+09 | 6.32E+05 | 1 | | Toluene-2,6-diisocyanate | 91-08-7 | 1.8E+03 | | 1.6E+04 | 1.6E+03 | | | 1.6E+01 | 1.6E+01 |
| | | | | 1.0E-04 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Toluenediamine, 2,3- | 2687-25-4 | | | | | 2.3E+01 | 9.9E+01 | | 1.9E+01 |
| | | | | 1.0E-04 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Toluenediamine, 3,4- | 496-72-0 | | | | | 2.3E+01 | 9.9E+01 | | 1.9E+01 |
| | | | | 5.0E-03 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Toluic Acid, p- | 99-94-5 | | | | | 1.2E+03 | 4.9E+03 | | 9.5E+02 |
| 1.6E-02 | P | 5.1E-05 | C | | | | | | | | 1.36E+09 | | 1 | 0.1 | Toluidine, o- (Methylaniline, 2-) | 95-53-4 | 4.3E+03 | 1.5E+04 | 7.5E+06 | 3.4E+03 | | | | |
| 3.0E-02 | P | | | 4.0E-03 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Toluidine, p- | 106-49-0 | 2.3E+03 | 8.2E+03 | | 1.8E+03 | 9.4E+02 | 4.0E+03 | | 7.6E+02 |
| | | | | 3.0E+00 | P | | | V | | 3.42E-01 | 1.36E+09 | 1.38E+03 | 1 | | Total Petroleum Hydrocarbons (Aliphatic High) | E1790670 | | | | | 7.0E+05 | | | 7.0E+05 |
| | | | | 5.0E-03 | P | 4.0E-01 | P | V | | 5.19E+01 | 1.36E+09 | 1.14E+03 | 1 | | Total Petroleum Hydrocarbons (Aliphatic Low) | E1790666 | | | | | 1.2E+03 | | 1.4E+03 | 6.4E+02 |
| | | | | 1.0E-02 | X | 1.0E-01 | P | V | | 6.86E+00 | 1.36E+09 | 1.04E+03 | 1 | | Total Petroleum Hydrocarbons (Aliphatic Medium) | E1790668 | | | | | 2.3E+03 | | 3.3E+02 | 2.9E+02 |
| | | | | 3.0E-04 | P | 2.0E-06 | P | | M | | 1.36E+09 | | 1 | 0.13 | Total Petroleum Hydrocarbons (Aromatic High) | E1790676 | | | | | 7.0E+01 | 2.3E+02 | 8.5E+03 | 5.3E+01 |
| | | | | 1.0E-02 | P | 6.0E-02 | P | V | | 2.31E+02 | 1.36E+09 | 7.75E+03 | 1 | | Total Petroleum Hydrocarbons (Aromatic Medium) | E1790674 | | | | | 2.3E+03 | | 1.5E+03 | 9.0E+02 |
| 1.1E+00 | I | 3.2E-04 | I | 9.0E-05 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Toxaphene | 8001-35-2 | 6.3E+01 | 2.2E+02 | 1.2E+06 | 4.9E+01 | 2.1E+01 | 8.9E+01 | | 1.7E+01 |
| | | | | 3.0E-05 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Toxaphene, Weathered | E1841606 | | | | | 7.0E+00 | 3.0E+01 | | 5.7E+00 |
| | | | | 7.5E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Tralomethrin | 66841-25-6 | | | | | 1.8E+03 | 7.4E+03 | | 1.4E+03 |
| | | | | 3.0E-04 | A | | | V | | | 1.36E+09 | 3.36E+03 | 1 | | Tri-n-butyltin | 688-73-3 | | | | | 7.0E+01 | | | 7.0E+01 |
| | | | | 8.0E+01 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Triacetin | 102-76-1 | | | | | 1.9E+07 | 7.9E+07 | | 1.5E+07 |
| | | | | 3.4E-02 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Triadimefon | 43121-43-3 | | | | | 8.0E+03 | 3.4E+04 | | 6.4E+03 |
| 7.2E-02 | O | | | 2.5E-02 | O | | | V | | | 1.36E+09 | 3.62E+05 | 1 | | Triallate | 2303-17-5 | 9.7E+02 | | | 9.7E+02 | 5.9E+03 | | | 5.9E+03 |
| | | | | 1.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Triasulfuron | 82097-50-5 | | | | | 2.3E+03 | 9.9E+03 | | 1.9E+03 |
| | | | | 8.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Tribenuron-methyl | 101200-48-0 | | | | | 1.9E+03 | 7.9E+03 | | 1.5E+03 |
| | | | | 5.0E-03 | I | | | V | | | 1.36E+09 | 4.83E+04 | 1 | | Tribromobenzene, 1,2,4- | 615-54-3 | | | | | 1.2E+03 | | | 1.2E+03 |
| | | | | 9.0E-03 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Tribromophenol, 2,4,6- | 118-79-6 | | | | | 2.1E+03 | 8.9E+03 | | 1.7E+03 |
| | | | | 2.0E-04 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Tribufos | 78-48-8 | | | | | 4.7E+01 | 2.0E+02 | | 3.8E+01 |
| 9.0E-03 | P | | | 1.0E-02 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Tributyl Phosphate | 126-73-8 | 7.7E+03 | 2.7E+04 | | 6.0E+03 | 2.3E+03 | 9.9E+03 | | 1.9E+03 |
| | | | | 3.0E-04 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Tributyltin Compounds | E1790679 | | | | | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| | | | | 3.0E-04 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Tributyltin Oxide | 56-35-9 | | | | | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| | | | | | | | | | | | 1.36E+09 | | 1 | 0.1 | Trichloramine | 10025-85-1 | | | | | | | | |
| | | | | 3.0E+01 | I | 5.0E+00 | P | V | | 9.10E+02 | 1.36E+09 | 1.29E+03 | 1 | | Trichloro-1,2,2-trifluoroethane, 1,1,2- | 76-13-1 | | | | | 7.0E+06 | | 2.0E+04 | 2.0E+04 |
| 7.0E-02 | I | | | 2.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Trichloroacetic Acid | 76-03-9 | 9.9E+02 | 3.5E+03 | | 7.8E+02 | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| 2.9E-02 | H | | | | | | | | | | 1.36E+09 | | 1 | 0.1 | Trichloroaniline HCl, 2,4,6- | 33663-50-2 | 2.4E+03 | 8.5E+03 | | 1.9E+03 | | | | |
| 7.0E-03 | X | | | 3.0E-05 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Trichloroaniline, 2,4,6- | 634-93-5 | 9.9E+03 | 3.5E+04 | | 7.8E+03 | 7.0E+00 | 3.0E+01 | | 5.7E+00 |
| | | | | 8.0E-04 | X | | | V | | | 1.36E+09 | 3.22E+04 | 1 | | Trichlorobenzene, 1,2,3- | 87-61-6 | | | | | 1.9E+02 | | | 1.9E+02 |

RMLS TR=1E-04 HQ=3

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; D = OW; W = TEF applied; E = RPF applied; G = see user's guide; U = user provided; ca = cancer; nc = noncancer; * = where: nc SL < 100X ca SL; ** = where nc SL < 10X ca SL; SSL values are based on DAF=1; max = ceiling limit exceeded; sat = Csat exceeded.

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer Child Hazard Index (HI) = 3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SFO (mg/kg-day)$^{-1}$ | key | IUR (ug/m$^3$)$^{-1}$ | key | $RfD_o$ (mg/kg-day) | key | $RfC_i$ (mg/m$^3$) | key | vol | mutagen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | $ABS_d$ | Analyte | CAS No. | Ingestion SL TR=1E-04 (mg/kg) | Dermal SL TR=1E-04 (mg/kg) | Inhalation SL TR=1E-04 (mg/kg) | Carcinogenic SL TR=1E-04 (mg/kg) | Ingestion SL Child THQ=3 (mg/kg) | Dermal SL Child THQ=3 (mg/kg) | Inhalation SL Child THQ=3 (mg/kg) | Noncarcinogenic SL Child THI=3 (mg/kg) |
| 2.9E-02 | P | | | 1.0E-02 | I | 2.0E-03 | P | V | | 4.04E+02 | 1.36E+09 | 2.99E+04 | 1 | | Trichlorobenzene, 1,2,4- | 120-82-1 | 2.4E+03 | | | 2.4E+03 | 2.3E+03 | | 1.9E+02 | 1.7E+02 |
| | | | | 2.0E+00 | I | 5.0E+00 | I | V | | 6.40E+02 | 1.36E+09 | 1.65E+03 | 1 | | Trichloroethane, 1,1,1- | 71-55-6 | | | | | 4.7E+05 | | 2.6E+04 | 2.4E+04 |
| 5.7E-02 | I | 1.6E-05 | I | 4.0E-03 | I | 2.0E-04 | X | V | | 2.16E+03 | 1.36E+09 | 7.22E+03 | 1 | | Trichloroethane, 1,1,2- | 79-00-5 | 1.2E+03 | | 1.3E+02 | 1.1E+02 | 9.4E+02 | | 4.5E+00 | 4.5E+00 |
| 4.6E-02 | I | 4.1E-06 | I | 5.0E-04 | I | 2.0E-03 | I | V | M | 6.92E+02 | 1.36E+09 | 2.21E+03 | 1 | | Trichloroethylene | 79-01-6 | 8.8E+02 | | 1.1E+02 | 9.4E+01 | 1.2E+02 | | 1.4E+01 | 1.2E+01 |
| | | | | 3.0E-01 | I | | | V | | 1.23E+03 | 1.36E+09 | 1.04E+03 | 1 | | Trichlorofluoromethane | 75-69-4 | | | | | 7.0E+04 | | | 7.0E+04 |
| | | | | 1.0E-01 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Trichlorophenol, 2,4,5- | 95-95-4 | | | | | 2.3E+04 | 9.9E+04 | | 1.9E+04 |
| 1.1E-02 | I | 3.1E-06 | I | 1.0E-03 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Trichlorophenol, 2,4,6- | 88-06-2 | 6.3E+03 | 2.2E+04 | 1.2E+08 | 4.9E+03 | 2.3E+02 | 9.9E+02 | | 1.9E+02 |
| | | | | 1.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Trichlorophenoxyacetic Acid, 2,4,5- | 93-76-5 | | | | | 2.3E+03 | 9.9E+03 | | 1.9E+03 |
| | | | | 8.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Trichlorophenoxypropionic acid, -2,4,5 | 93-72-1 | | | | | 1.9E+03 | 7.9E+03 | | 1.5E+03 |
| | | | | 5.0E-03 | I | | | V | | 1.28E+03 | 1.36E+09 | 1.50E+04 | 1 | | Trichloropropane, 1,1,2- | 598-77-6 | | | | | 1.2E+03 | | | 1.2E+03 |
| 3.0E+01 | I | | | 4.0E-03 | I | 3.0E-04 | I | V | M | 1.40E+03 | 1.36E+09 | 1.57E+04 | 1 | | Trichloropropane, 1,2,3- | 96-18-4 | 5.1E-01 | | | 5.1E-01 | 9.4E+02 | | 1.5E+01 | 1.5E+01 |
| | | | | 3.0E-03 | X | 3.0E-04 | P | V | | 3.11E+02 | 1.36E+09 | 2.34E+03 | 1 | | Trichloropropene, 1,2,3- | 96-19-5 | | | | | 7.0E+02 | | 2.2E+00 | 2.2E+00 |
| | | | | 2.0E-02 | A | | | | | | 1.36E+09 | | 1 | 0.1 | Tricresyl Phosphate (TCP) | 1330-78-5 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 3.0E-03 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Tridiphane | 58138-08-2 | | | | | 7.0E+02 | 3.0E+03 | | 5.7E+02 |
| | | | | | | 7.0E-03 | I | V | | 2.79E+04 | 1.36E+09 | 1.58E+04 | 1 | | Triethylamine | 121-44-8 | | | | | | | 3.5E+02 | 3.5E+02 |
| | | | | 2.0E+00 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Triethylene Glycol | 112-27-6 | | | | | 4.7E+05 | 2.0E+06 | | 3.8E+05 |
| | | | | | | 2.0E+01 | P | V | | 4.81E+03 | 1.36E+09 | 7.12E+02 | 1 | | Trifluoroethane, 1,1,1- | 420-46-2 | | | | | | | 4.5E+04 | 4.5E+04 |
| 7.7E-03 | I | | | 7.5E-03 | I | | | V | | | 1.36E+09 | 5.13E+05 | 1 | | Trifluralin | 1582-09-8 | 9.0E+03 | | | 9.0E+03 | 1.8E+03 | | | 1.8E+03 |
| 2.0E-02 | P | | | 1.0E-02 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Trimethyl Phosphate | 512-56-1 | 3.5E+03 | 1.2E+04 | | 2.7E+03 | 2.3E+03 | 9.9E+03 | | 1.9E+03 |
| | | | | 1.0E-02 | I | 6.0E-02 | I | V | | 2.93E+02 | 1.36E+09 | 9.44E+03 | 1 | | Trimethylbenzene, 1,2,3- | 526-73-8 | | | | | 2.3E+03 | | 1.8E+03 | 1.0E+03 |
| | | | | 1.0E-02 | I | 6.0E-02 | I | V | | 2.19E+02 | 1.36E+09 | 7.91E+03 | 1 | | Trimethylbenzene, 1,2,4- | 95-63-6 | | | | | 2.3E+03 | | 1.5E+03 | 9.1E+02 |
| | | | | 1.0E-02 | I | 6.0E-02 | I | V | | 1.82E+02 | 1.36E+09 | 6.61E+03 | 1 | | Trimethylbenzene, 1,3,5- | 108-67-8 | | | | | 2.3E+03 | | 1.2E+03 | 8.1E+02 |
| | | | | 1.0E-02 | X | | | V | | 2.96E+01 | 1.36E+09 | 1.00E+03 | 1 | | Trimethylpentene, 2,4,4- | 25167-70-8 | | | | | 2.3E+03 | | | 2.3E+03 |
| | | | | 3.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.019 | Trinitrobenzene, 1,3,5- | 99-35-4 | | | | | 7.0E+03 | 1.6E+05 | | 6.7E+03 |
| 3.0E-02 | I | | | 5.0E-04 | I | | | | | | 1.36E+09 | | 1 | 0.032 | Trinitrotoluene, 2,4,6- | 118-96-7 | 2.3E+03 | 2.6E+04 | | 2.1E+03 | 1.2E+02 | 1.5E+03 | | 1.1E+02 |
| | | | | 2.0E-02 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Triphenylphosphine Oxide | 791-28-6 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 2.0E-02 | A | | | | | | 1.36E+09 | | 1 | 0.1 | Tris(1,3-Dichloro-2-propyl) Phosphate | 13674-87-8 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 1.0E-02 | X | | | | | | 1.36E+09 | | 1 | 0.1 | Tris(1-chloro-2-propyl)phosphate | 13674-84-5 | | | | | 2.3E+03 | 9.9E+03 | | 1.9E+03 |
| 2.3E+00 | C | 6.6E-04 | C | | | | | V | | 4.67E+02 | 1.36E+09 | 9.03E+05 | 1 | | Tris(2,3-dibromopropyl)phosphate | 126-72-7 | 3.0E+01 | | 3.8E+02 | 2.8E+01 | | | | |
| 2.0E-02 | P | | | 7.0E-03 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Tris(2-chloroethyl)phosphate | 115-96-8 | 3.5E+03 | 1.2E+04 | | 2.7E+03 | 1.6E+03 | 6.9E+03 | | 1.3E+03 |
| 3.2E-03 | P | | | 1.0E-01 | P | | | | | | 1.36E+09 | | 1 | 0.1 | Tris(2-ethylhexyl)phosphate | 78-42-2 | 2.2E+04 | 7.7E+04 | | 1.7E+04 | 2.3E+04 | 9.9E+04 | | 1.9E+04 |
| | | | | 8.0E-04 | P | | | | | | 1.36E+09 | | 1 | | Tungsten | 7440-33-7 | | | | | 1.9E+02 | | | 1.9E+02 |
| | | | | 2.0E-04 | A | 4.0E-05 | A | | | | 1.36E+09 | | 1 | | Uranium | 7440-61-1 | | | | | 4.7E+01 | | 1.7E+05 | 4.7E+01 |
| 1.0E+00 | C | 2.9E-04 | C | | | | | | M | | 1.36E+09 | | 1 | 0.1 | Urethane | 51-79-6 | 1.5E+01 | 6.0E+01 | 4.8E+05 | 1.2E+01 | | | | |
| | | 8.3E-03 | P | 9.0E-03 | I | 7.0E-06 | P | | | | 1.36E+09 | | 0.026 | | Vanadium Pentoxide | 1314-62-1 | | | 4.6E+04 | 4.6E+04 | 2.1E+03 | | 3.0E+04 | 2.0E+03 |
| | | | | 5.0E-03 | G | 1.0E-04 | A | | | | 1.36E+09 | | 0.026 | | Vanadium and Compounds | 7440-62-2 | | | | | 1.2E+03 | | 4.3E+05 | 1.2E+03 |
| | | | | 1.0E-03 | I | | | V | | | 1.36E+09 | 1.23E+05 | 1 | | Vernolate | 1929-77-7 | | | | | 2.3E+02 | | | 2.3E+02 |
| | | | | 1.2E-03 | O | | | | | | 1.36E+09 | | 1 | 0.1 | Vinclozolin | 50471-44-8 | | | | | 2.8E+02 | 1.2E+03 | | 2.3E+02 |
| | | | | 1.0E+00 | H | 2.0E-01 | I | V | | 2.75E+03 | 1.36E+09 | 4.40E+03 | 1 | | Vinyl Acetate | 108-05-4 | | | | | 2.3E+05 | | 2.8E+03 | 2.7E+03 |
| | | 1.5E-05 | P | | | 3.0E-03 | I | V | | 2.47E+03 | 1.36E+09 | 1.37E+03 | | | Vinyl Bromide | 593-60-2 | | | 2.6E+01 | 2.6E+01 | | | 1.3E+01 | 1.3E+01 |
| 7.2E-01 | I | 4.4E-06 | I | 3.0E-03 | I | 8.0E-02 | A | V | M | 3.92E+03 | 1.36E+09 | 9.56E+02 | 1 | | Vinyl Chloride | 75-01-4 | 9.4E+00 | | 1.6E+01 | 5.9E+00 | 7.0E+02 | | 2.4E+02 | 1.8E+02 |
| | | | | 3.0E-04 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Warfarin | 81-81-2 | | | | | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| | | | | 2.0E-01 | G | 1.0E-01 | G | V | | 3.88E+02 | 1.36E+09 | 5.47E+03 | 1 | | Xylene, m- | 108-38-3 | | | | | 4.7E+04 | | 1.7E+03 | 1.6E+03 |
| | | | | 2.0E-01 | G | 1.0E-01 | G | V | | 4.34E+02 | 1.36E+09 | 6.45E+03 | 1 | | Xylene, o- | 95-47-6 | | | | | 4.7E+04 | | 2.0E+03 | 1.9E+03 |
| | | | | 2.0E-01 | G | 1.0E-01 | G | V | | 3.90E+02 | 1.36E+09 | 5.58E+03 | 1 | | Xylene, p- | 106-42-3 | | | | | 4.7E+04 | | 1.7E+03 | 1.7E+03 |
| | | | | 2.0E-01 | I | 1.0E-01 | I | V | | 2.60E+02 | 1.36E+09 | 5.74E+03 | 1 | | Xylenes | 1330-20-7 | | | | | 4.7E+04 | | 1.8E+03 | 1.7E+03 |
| | | | | 3.0E-04 | I | | | | | | 1.36E+09 | | 1 | | Zinc Phosphide | 1314-84-7 | | | | | 7.0E+01 | | | 7.0E+01 |
| | | | | 3.0E-01 | I | | | | | | 1.36E+09 | | 1 | | Zinc and Compounds | 7440-66-6 | | | | | 7.0E+04 | | | 7.0E+04 |
| | | | | 5.0E-02 | I | | | | | | 1.36E+09 | | 1 | 0.1 | Zineb | 12122-67-7 | | | | | 1.2E+04 | 4.9E+04 | | 9.5E+03 |
| | | | | 8.0E-05 | X | | | | | | 1.36E+09 | | 1 | | Zirconium | 7440-67-7 | | | | | 1.9E+01 | | | 1.9E+01 |

RMLs TR=1E-04 THQ=3