Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Removal Levels | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | muta-gen | GIABS | ABS | $C_{sat}$ (mg/kg) | Analyte | CAS No. | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key | Tapwater (ug/L) | key | MCL (ug/L) |
| | | | | 1.20E-03 | O | | | | | 1 | 0.1 | | Acephate | 30560-19-1 | 2.30E+02 | n | 3.00E+03 | n | 7.20E+01 | n | |
| | | 2.20E-06 | I | | | 9.00E-03 | I | V | | 1 | | 1.07E+05 | Acetaldehyde | 75-07-0 | 2.50E+02 | n | 1.00E+03 | n | 5.60E+01 | n | |
| | | | | 2.00E-02 | I | | | | | 1 | 0.1 | | Acetochlor | 34256-82-1 | 3.80E+03 | n | 4.90E+04 | n | 1.10E+03 | n | |
| | | | | 9.00E-01 | I | 3.10E+01 | A | V | | 1 | | 1.14E+05 | Acetone | 67-64-1 | 1.80E+05 | nms | 2.00E+06 | nms | 4.20E+04 | n | |
| | | | | | | 2.00E-03 | X | | | 1 | 0.1 | | Acetone Cyanohydrin | 75-86-5 | 8.50E+06 | nm | 3.60E+07 | nm | | | |
| | | | | | | 6.00E-02 | I | V | | 1 | | 1.28E+05 | Acetonitrile | 75-05-8 | 2.40E+03 | n | 1.00E+04 | n | 3.80E+02 | n | |
| | | | | 1.00E-01 | I | | | V | | 1 | | 2.52E+03 | Acetophenone | 98-86-2 | 2.30E+04 | ns | 3.50E+05 | nms | 5.80E+03 | n | |
| 3.80E+00 | C | 1.30E-03 | C | | | | | | | 1 | 0.1 | | Acetylaminofluorene, 2- | 53-96-3 | 1.40E+01 | c | 6.00E+01 | c | 1.60E+00 | c | |
| | | | | 5.00E-04 | I | 2.00E-05 | I | V | | 1 | | 2.27E+04 | Acrolein | 107-02-8 | 4.30E-01 | n | 1.80E+00 | n | 1.20E-01 | n | |
| 5.00E-01 | I | 1.00E-04 | I | 2.00E-03 | I | 6.00E-03 | I | | M | 1 | 0.1 | | Acrylamide | 79-06-1 | 2.40E+01 | c* | 4.60E+02 | c* | 5.00E+00 | c* | |
| | | | | 5.00E-01 | I | 1.00E-03 | I | V | | 1 | | 1.09E+05 | Acrylic Acid | 79-10-7 | 3.00E+02 | n | 1.30E+03 | n | 6.30E+00 | n | |
| 5.40E-01 | I | 6.80E-05 | I | 4.00E-02 | A | 2.00E-03 | I | V | | 1 | | 1.13E+04 | Acrylonitrile | 107-13-1 | 2.50E+01 | c** | 1.10E+02 | c** | 5.20E+00 | c** | |
| | | | | | | 6.00E-03 | P | | | 1 | 0.1 | | Adiponitrile | 111-69-3 | 2.60E+07 | nm | 1.10E+08 | nm | | | |
| 5.60E-02 | C | | | 1.00E-02 | I | | | | | 1 | 0.1 | | Alachlor | 15972-60-8 | 9.70E+02 | c** | 4.10E+03 | c** | 1.10E+02 | c** | 2.0E+00 |
| | | | | 1.00E-03 | I | | | | | 1 | 0.1 | | Aldicarb | 116-06-3 | 1.90E+02 | n | 2.50E+03 | n | 5.90E+01 | n | 3.0E+00 |
| | | | | 1.00E-03 | I | | | | | 1 | 0.1 | | Aldicarb Sulfone | 1646-88-4 | 1.90E+02 | n | 2.50E+03 | n | 6.00E+01 | n | 2.0E+00 |
| | | | | | | | | | | 1 | 0.1 | | Aldicarb sulfoxide | 1646-87-3 | | | | | | | 4.0E+00 |
| 1.70E+01 | I | 4.90E-03 | I | 3.00E-05 | I | | | V | | 1 | | | Aldrin | 309-00-2 | 3.90E+00 | c** | 1.80E+01 | c** | 9.20E-02 | c* | |
| | | | | 5.00E-03 | I | 1.00E-04 | X | V | | 1 | | 1.11E+05 | Allyl Alcohol | 107-18-6 | 1.10E+01 | n | 4.50E+01 | n | 6.20E-01 | n | |
| 2.10E-02 | C | 6.00E-06 | C | | | 1.00E-03 | I | V | | 1 | | 1.42E+03 | Allyl Chloride | 107-05-1 | 5.00E+00 | n | 2.10E+01 | n | 6.30E+00 | n | |
| | | | | 1.00E+00 | P | 5.00E-03 | P | | | 1 | | | Aluminum | 7429-90-5 | 2.30E+05 | nm | 3.40E+06 | nm | 6.00E+04 | n | |
| | | | | 4.00E-04 | I | | | | | 1 | | | Aluminum Phosphide | 20859-73-8 | 9.40E+01 | n | 1.40E+03 | n | 2.40E+01 | n | |
| | | | | 9.00E-03 | I | | | | | 1 | 0.1 | | Ametryn | 834-12-8 | 1.70E+03 | n | 2.20E+04 | n | 4.60E+02 | n | |
| 2.10E+01 | C | 6.00E-03 | C | | | | | | | 1 | 0.1 | | Aminobiphenyl, 4- | 92-67-1 | 2.60E+00 | c | 1.10E+01 | c | 3.00E-01 | c | |
| | | | | 8.00E-02 | P | | | | | 1 | 0.1 | | Aminophenol, m- | 591-27-5 | 1.50E+04 | n | 2.00E+05 | nm | 4.80E+03 | n | |
| | | | | 4.00E-03 | X | | | | | 1 | 0.1 | | Aminophenol, o- | 95-55-6 | 7.60E+02 | n | 9.80E+03 | n | 2.40E+02 | n | |
| | | | | 2.00E-02 | P | | | | | 1 | 0.1 | | Aminophenol, p- | 123-30-8 | 3.80E+03 | n | 4.90E+04 | n | 1.20E+03 | n | |
| | | | | 2.50E-03 | I | | | | | 1 | 0.1 | | Amitraz | 33089-61-1 | 4.70E+02 | n | 6.20E+03 | n | 2.50E+01 | n | |
| | | | | | | 5.00E-01 | I | V | | 1 | | | Ammonia | 7664-41-7 | | | | | | | |
| | | | | 2.00E-01 | I | | | | | 1 | | | Ammonium Sulfamate | 7773-06-0 | 4.70E+04 | n | 7.00E+05 | nm | 1.20E+04 | n | |
| | | | | | | 3.00E-03 | X | V | | 1 | | 1.37E+04 | Amyl Alcohol, tert- | 75-85-4 | 2.50E+02 | n | 1.00E+03 | n | 1.90E+01 | n | |
| 5.70E-03 | I | 1.60E-06 | C | 7.00E-03 | P | 1.00E-03 | I | | | 1 | 0.1 | | Aniline | 62-53-3 | 1.30E+03 | n | 1.70E+04 | n | 4.10E+02 | n | |
| 4.00E-02 | P | | | 2.00E-03 | X | | | | | 1 | 0.1 | | Anthraquinone, 9,10- | 84-65-1 | 3.80E+02 | n | 4.90E+03 | n | 8.90E+01 | n | |
| | | | | 4.00E-04 | I | | | | | 0.15 | | | Antimony (metallic) | 7440-36-0 | 9.40E+01 | n | 1.40E+03 | n | 2.30E+01 | n | 6.0E+00 |
| | | | | 5.00E-04 | H | | | | | 0.15 | | | Antimony Pentoxide | 1314-60-9 | 1.20E+02 | n | 1.80E+03 | n | 2.90E+01 | n | |
| | | | | 4.00E-04 | H | | | | | 0.15 | | | Antimony Tetroxide | 1332-81-6 | 9.40E+01 | n | 1.40E+03 | n | 2.30E+01 | n | |
| | | | | | | 2.00E-04 | I | | | 0.15 | | | Antimony Trioxide | 1309-64-4 | 8.50E+05 | nm | 3.60E+06 | nm | | | |
| 1.50E+00 | I | 4.30E-03 | I | 3.00E-04 | I | 1.50E-05 | C | | | 1 | 0.03 | | Arsenic, Inorganic | 7440-38-2 | 6.80E+01 | c**R | 3.00E+02 | c**R | 5.20E+00 | c** | 1.0E+01 |
| | | | | 3.50E-06 | C | 5.00E-05 | I | | | 1 | | | Arsine | 7784-42-1 | 8.20E-01 | n | 1.20E+01 | n | 2.10E-01 | n | |
| | | | | 3.60E-02 | O | | | | | 1 | 0.1 | | Asulam | 3337-71-1 | 6.80E+03 | n | 8.90E+04 | n | 2.20E+03 | n | |
| 2.30E-01 | C | | | 3.50E-02 | I | | | | | 1 | 0.1 | | Atrazine | 1912-24-9 | 2.40E+02 | c* | 1.00E+03 | c* | 3.00E+01 | c* | 3.0E+00 |
| 8.80E-01 | C | 2.50E-04 | C | | | | | | | 1 | 0.1 | | Auramine | 492-80-8 | 6.20E+01 | c | 2.60E+02 | c | 6.70E+00 | c | |
| | | | | 4.00E-04 | I | | | | | 1 | 0.1 | | Avermectin B1 | 65195-55-3 | 7.60E+01 | n | 9.80E+02 | n | 2.40E+01 | n | |
| | | | | 3.00E-03 | A | 1.00E-02 | A | | | 1 | 0.1 | | Azinphos-methyl | 86-50-0 | 5.70E+02 | n | 7.40E+03 | n | 1.70E+02 | n | |
| 1.10E-01 | I | 3.10E-05 | I | | | | | V | | 1 | | | Azobenzene | 103-33-3 | 5.60E+02 | c | 2.60E+03 | c | 1.20E+01 | c | |
| | | | | 1.00E+00 | P | 7.00E-06 | P | | | 1 | 0.1 | | Azodicarbonamide | 123-77-3 | 2.60E+04 | n | 1.20E+05 | nm | 6.00E+04 | n | |
| | | | | 2.00E-01 | I | 5.00E-04 | H | | | 0.07 | | | Barium | 7440-39-3 | 4.60E+04 | n | 6.50E+05 | nm | 1.10E+04 | n | 2.0E+03 |
| | | | | 5.00E-03 | O | | | V | | 1 | | | Benfluralin | 1861-40-1 | 1.20E+03 | n | 1.80E+04 | n | 8.50E+01 | n | |
| | | | | 5.00E-02 | I | | | | | 1 | 0.1 | | Benomyl | 17804-35-2 | 9.50E+03 | n | 1.20E+05 | nm | 2.90E+03 | n | |
| | | | | 2.00E-01 | I | | | | | 1 | 0.1 | | Bensulfuron-methyl | 83055-99-6 | 3.80E+04 | n | 4.90E+05 | nm | 1.20E+04 | n | |
| | | | | 3.00E-02 | I | | | | | 1 | 0.1 | | Bentazon | 25057-89-0 | 5.70E+03 | n | 7.40E+04 | n | 1.70E+03 | n | |
| 4.00E-03 | P | | | 1.00E-01 | I | | | V | | 1 | | 1.16E+03 | Benzaldehyde | 100-52-7 | 1.70E+04 | c**s | 8.20E+04 | c**s | 1.90E+03 | c** | |
| 5.50E-02 | I | 7.80E-06 | I | 4.00E-03 | I | 3.00E-02 | I | V | | 1 | | 1.82E+03 | Benzene | 71-43-2 | 1.20E+02 | c** | 5.10E+02 | c** | 4.60E+01 | c** | 5.0E+00 |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Removal Levels | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | muta-gen | GIABS | ABS | $C_{sat}$ (mg/kg) | Analyte | CAS No. | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key | Tapwater (ug/L) | key | MCL (ug/L) |
| 1.00E-01 | X | | | 3.00E-04 | X | | | | | 1 | 0.1 | | Benzenediamine-2-methyl sulfate, 1,4- | 6369-59-1 | 5.70E+01 | n | 7.40E+02 | n | 1.80E+01 | n | |
| | | | | 1.00E-03 | P | | | V | | 1 | | 1.26E+03 | Benzenethiol | 108-98-5 | 2.30E+02 | n | 3.50E+03 | ns | 5.00E+01 | n | |
| 2.30E+02 | I | 6.70E-02 | I | 3.00E-03 | I | | | | M | 1 | 0.1 | | Benzidine | 92-87-5 | 5.30E-02 | c | 1.00E+00 | c | 1.10E-02 | c | |
| | | | | 4.00E+00 | I | | | | | 1 | 0.1 | | Benzoic Acid | 65-85-0 | 7.60E+05 | nm | 9.80E+06 | nm | 2.30E+05 | n | |
| 1.30E+01 | I | | | | | | | V | | 1 | | 3.24E+02 | Benzotrichloride | 98-07-7 | 5.30E+00 | c | 2.50E+01 | c | 3.00E-01 | c | |
| | | | | 1.00E-01 | P | | | | | 1 | 0.1 | | Benzyl Alcohol | 100-51-6 | 1.90E+04 | n | 2.50E+05 | nm | 5.90E+03 | n | |
| 1.70E-01 | I | 4.90E-05 | C | 2.00E-03 | P | 1.00E-03 | P | V | | 1 | | 1.46E+03 | Benzyl Chloride | 100-44-7 | 6.80E+01 | n | 3.20E+02 | n | 5.90E+00 | n | |
| | | 2.40E-03 | I | 2.00E-03 | I | 2.00E-05 | I | | | 0.007 | | | Beryllium and compounds | 7440-41-7 | 4.70E+02 | n | 6.90E+03 | n | 7.40E+01 | n | 4.0E+00 |
| | | | | 9.00E-03 | P | | | | | 1 | 0.1 | | Bifenox | 42576-02-3 | 1.70E+03 | n | 2.20E+04 | n | 3.00E+02 | n | |
| | | | | 1.50E-02 | I | | | | | 1 | 0.1 | | Biphenthrin | 82657-04-3 | 2.80E+03 | n | 3.70E+04 | n | 9.00E+02 | n | |
| 8.00E-03 | I | | | 5.00E-01 | I | 4.00E-04 | X | V | | 1 | | | Biphenyl, 1,1'- | 92-52-4 | 1.40E+02 | n | 6.00E+02 | n | 2.50E+00 | n | |
| | | | | 4.00E-02 | I | | | V | | 1 | | 1.02E+03 | Bis(2-chloro-1-methylethyl) ether | 108-60-1 | 9.40E+03 | ns | 1.40E+05 | nms | 2.10E+03 | n | |
| | | | | 3.00E-03 | P | | | | | 1 | 0.1 | | Bis(2-chloroethoxy)methane | 111-91-1 | 5.70E+02 | n | 7.40E+03 | n | 1.80E+02 | n | |
| 1.10E+00 | I | 3.30E-04 | I | | | | | V | | 1 | | 5.05E+03 | Bis(2-chloroethyl)ether | 111-44-4 | 2.30E+01 | c | 1.00E+02 | c | 1.40E+00 | c | |
| 2.20E+02 | I | 6.20E-02 | I | | | | | V | | 1 | | 4.22E+03 | Bis(chloromethyl)ether | 542-88-1 | 8.30E-03 | c | 3.60E-02 | c | 7.20E-03 | c | |
| | | | | 5.00E-02 | I | | | | | 1 | 0.1 | | Bisphenol A | 80-05-7 | 9.50E+03 | n | 1.20E+05 | nm | 2.30E+03 | n | |
| | | | | 2.00E-01 | I | 2.00E-02 | H | | | 1 | | | Boron And Borates Only | 7440-42-8 | 4.70E+04 | n | 7.00E+05 | nm | 1.20E+04 | n | |
| | | | | 2.00E+00 | P | 2.00E-02 | P | V | | 1 | | | Boron Trichloride | 10294-34-5 | 4.70E+05 | nm | 6.90E+06 | nm | 1.30E+02 | n | |
| | | | | 4.00E-02 | C | 1.30E-02 | C | V | | 1 | | | Boron Trifluoride | 7637-07-2 | 9.40E+03 | n | 1.40E+05 | nm | 7.90E+01 | n | |
| 7.00E-01 | I | | | 4.00E-03 | I | | | | | 1 | | | Bromate | 15541-45-4 | 9.90E+01 | c** | 4.70E+02 | c* | 1.10E+01 | c* | 1.0E+01 |
| 2.00E+00 | X | 6.00E-04 | X | | | | | V | | 1 | | 2.38E+03 | Bromo-2-chloroethane, 1- | 107-04-0 | 2.60E+00 | c | 1.10E+01 | c | 7.40E-01 | c | |
| | | | | 3.00E-04 | X | | | V | | 1 | | 8.96E+02 | Bromo-3-fluorobenzene, 1- | 1073-06-9 | 7.00E+01 | n | 1.10E+03 | ns | 1.50E+01 | n | |
| | | | | 3.00E-04 | X | | | V | | 1 | | 3.23E+02 | Bromo-4-fluorobenzene, 1- | 460-00-4 | 7.00E+01 | n | 1.10E+03 | ns | 1.40E+01 | n | |
| | | | | 8.00E-03 | I | 6.00E-02 | I | V | | 1 | | 6.79E+02 | Bromobenzene | 108-86-1 | 8.60E+02 | ns | 5.30E+03 | ns | 1.90E+02 | n | |
| | | | | | | 4.00E-02 | X | V | | 1 | | 4.04E+03 | Bromochloromethane | 74-97-5 | 4.50E+02 | n | 1.90E+03 | n | 2.50E+02 | n | |
| 6.20E-02 | I | 3.70E-05 | C | 2.00E-02 | I | | | V | | 1 | | 9.32E+02 | Bromodichloromethane | 75-27-4 | 2.90E+01 | c | 1.30E+02 | c | 1.30E+01 | c* | 8.0E+01(F |
| 7.90E-03 | I | 1.10E-06 | I | 2.00E-02 | I | | | V | | 1 | | 9.15E+02 | Bromoform | 75-25-2 | 1.90E+03 | c**s | 8.60E+03 | c**s | 3.30E+02 | c** | 8.0E+01(F |
| | | | | 1.40E-03 | I | 5.00E-03 | I | V | | 1 | | 3.59E+03 | Bromomethane | 74-83-9 | 2.10E+01 | n | 9.00E+01 | n | 2.30E+01 | n | |
| | | | | 5.00E-03 | H | | | V | | 1 | | | Bromophos | 2104-96-3 | 1.20E+03 | n | 1.80E+04 | n | 1.10E+02 | n | |
| | | | | | | 1.00E-01 | A | V | | 1 | | 9.66E+02 | Bromopropane, 1- | 106-94-5 | 6.70E+02 | n | 2.80E+03 | ns | 6.30E+02 | n | |
| 1.00E-01 | O | | | 1.50E-02 | O | | | | | 1 | 0.1 | | Bromoxynil | 1689-84-5 | 5.30E+02 | c** | 2.20E+03 | c* | 6.10E+01 | c* | |
| | | | | 1.50E-02 | O | | | V | | 1 | | | Bromoxynil Octanoate | 1689-99-2 | 3.50E+03 | n | 5.30E+04 | n | 3.10E+02 | n | |
| 3.40E+00 | C | 3.00E-05 | I | | | 2.00E-03 | I | V | | 1 | | 6.67E+02 | Butadiene, 1,3- | 106-99-0 | 5.40E+00 | n | 2.30E+01 | n | 1.80E+00 | c** | |
| | | | | 3.00E-02 | O | | | | | 1 | 0.1 | | Butanoic acid, 4-(2,4-dichlorophenoxy)- | 94-82-6 | 5.70E+03 | n | 7.40E+04 | n | 1.40E+03 | n | |
| | | | | 1.00E-01 | I | | | V | | 1 | | 7.64E+03 | Butanol, N- | 71-36-3 | 2.30E+04 | ns | 3.50E+05 | nms | 5.90E+03 | n | |
| | | | | 2.00E+00 | P | 3.00E+01 | P | V | | 1 | | 2.13E+04 | Butyl alcohol, sec- | 78-92-2 | 4.00E+05 | nms | 4.40E+06 | nms | 7.30E+04 | n | |
| | | | | 5.00E-02 | I | | | V | | 1 | | | Butylate | 2008-41-5 | 1.20E+04 | n | 1.80E+05 | nm | 1.40E+03 | n | |
| 2.00E-04 | C | 5.70E-08 | C | | | | | | | 1 | 0.1 | | Butylated hydroxyanisole | 25013-16-5 | 2.70E+05 | cm | 1.10E+06 | cm | 1.50E+04 | c | |
| 3.60E-03 | P | | | 3.00E-01 | P | | | | | 1 | 0.1 | | Butylated hydroxytoluene | 128-37-0 | 1.50E+04 | c** | 6.40E+04 | c* | 3.40E+02 | c** | |
| | | | | 5.00E-02 | P | | | V | | 1 | | 1.08E+02 | Butylbenzene, n- | 104-51-8 | 1.20E+04 | ns | 1.80E+05 | nms | 3.00E+03 | n | |
| | | | | 1.00E-01 | X | | | V | | 1 | | 1.45E+02 | Butylbenzene, sec- | 135-98-8 | 2.30E+04 | ns | 3.50E+05 | nms | 6.00E+03 | n | |
| | | | | 1.00E-01 | X | | | V | | 1 | | 1.83E+02 | Butylbenzene, tert- | 98-06-6 | 2.30E+04 | ns | 3.50E+05 | nms | 2.10E+03 | n | |
| | | | | 2.00E-02 | A | | | | | 1 | 0.1 | | Cacodylic Acid | 75-60-5 | 3.80E+03 | n | 4.90E+04 | n | 1.20E+03 | n | |
| | | 1.80E-03 | I | 1.00E-03 | I | 1.00E-05 | A | | | 0.025 | 0.001 | | Cadmium (Diet) | 7440-43-9 | 2.10E+02 | n | 2.90E+03 | n | | | |
| | | 1.80E-03 | I | 5.00E-04 | I | 1.00E-05 | A | | | 0.05 | 0.001 | | Cadmium (Water) | 7440-43-9 | | | | | 2.80E+01 | n | 5.0E+00 |
| | | | | 5.00E-01 | I | 2.20E-03 | C | | | 1 | 0.1 | | Caprolactam | 105-60-2 | 9.40E+04 | n | 1.20E+06 | nm | 3.00E+04 | n | |
| 1.50E-01 | C | 4.30E-05 | C | 2.00E-03 | I | | | | | 1 | 0.1 | | Captafol | 2425-06-1 | 3.60E+02 | c** | 1.50E+03 | c** | 4.00E+01 | c** | |
| 2.30E-03 | C | 6.60E-07 | C | 1.30E-01 | I | | | | | 1 | 0.1 | | Captan | 133-06-2 | 2.40E+04 | c** | 1.00E+05 | c** | 3.10E+03 | c** | |
| | | | | 1.00E-01 | I | | | | | 1 | 0.1 | | Carbaryl | 63-25-2 | 1.90E+04 | n | 2.50E+05 | nm | 5.50E+03 | n | |
| | | | | 5.00E-03 | I | | | | | 1 | 0.1 | | Carbofuran | 1563-66-2 | 9.50E+02 | n | 1.20E+04 | n | 2.80E+02 | n | 4.0E+01 |
| | | | | 1.00E-01 | I | 7.00E-01 | I | V | | 1 | | 7.38E+02 | Carbon Disulfide | 75-15-0 | 2.30E+03 | ns | 1.00E+04 | ns | 2.40E+03 | n | |
| 7.00E-02 | I | 6.00E-06 | I | 4.00E-03 | I | 1.00E-01 | I | V | | 1 | | 4.58E+02 | Carbon Tetrachloride | 56-23-5 | 6.50E+01 | c** | 2.90E+02 | c** | 4.60E+01 | c** | 5.0E+00 |
| | | | | | | 1.00E-01 | P | V | | 1 | | 5.89E+03 | Carbonyl Sulfide | 463-58-1 | 2.00E+02 | n | 8.50E+02 | n | 6.30E+02 | n | |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Removal Levels | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | muta-gen | GIABS | ABS | $C_{sat}$ (mg/kg) | Analyte | CAS No. | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key | Tapwater (ug/L) | key | MCL (ug/L) |
| | | | | 1.00E-02 | I | | | | | 1 | 0.1 | | Carbosulfan | 55285-14-8 | 1.90E+03 | n | 2.50E+04 | n | 1.50E+02 | n | |
| | | | | 1.00E-01 | I | | | | | 1 | 0.1 | | Carboxin | 5234-68-4 | 1.90E+04 | n | 2.50E+05 | nm | 5.70E+03 | n | |
| | | | | | | 9.00E-04 | I | | | 1 | | | Ceric oxide | 1306-38-3 | 3.80E+06 | nm | 1.60E+07 | nm | | | |
| | | | | 1.00E-01 | I | | | V | | 1 | | | Chloral Hydrate | 302-17-0 | 2.30E+04 | n | 3.50E+05 | nm | 5.90E+03 | n | |
| | | | | 1.50E-02 | I | | | | | 1 | 0.1 | | Chloramben | 133-90-4 | 2.80E+03 | n | 3.70E+04 | n | 8.70E+02 | n | |
| 4.00E-01 | H | | | | | | | | | 1 | 0.1 | | Chloranil | 118-75-2 | 1.30E+02 | c | 5.70E+02 | c | 1.80E+01 | c | |
| 3.50E-01 | I | 1.00E-04 | I | 5.00E-04 | I | 7.00E-04 | I | V | | 1 | 0.04 | | Chlordane | 12789-03-6 | 1.00E+02 | n | 7.70E+02 | c** | 2.00E+00 | c** | 2.0E+00 |
| 1.00E+01 | I | 4.60E-03 | C | 3.00E-04 | I | | | | | 1 | 0.1 | | Chlordecone (Kepone) | 143-50-0 | 5.40E+00 | c* | 2.30E+01 | c* | 3.50E-01 | c* | |
| | | | | 7.00E-04 | A | | | | | 1 | 0.1 | | Chlorfenvinphos | 470-90-6 | 1.30E+02 | n | 1.70E+03 | n | 3.40E+01 | n | |
| | | | | 9.00E-02 | O | | | | | 1 | 0.1 | | Chlorimuron, Ethyl- | 90982-32-4 | 1.70E+04 | n | 2.20E+05 | nm | 5.30E+03 | n | |
| | | | | 1.00E-01 | I | 1.50E-04 | A | V | | 1 | | 2.78E+03 | Chlorine | 7782-50-5 | 5.50E-01 | n | 2.30E+00 | n | 9.10E-01 | n | |
| | | | | 3.00E-02 | I | 2.00E-04 | I | V | | 1 | | | Chlorine Dioxide | 10049-04-4 | 7.00E+03 | n | 1.00E+05 | nm | 1.30E+00 | n | |
| | | | | 3.00E-02 | I | | | | | 1 | | | Chlorite (Sodium Salt) | 7758-19-2 | 7.00E+03 | n | 1.10E+05 | nm | 1.80E+03 | n | 1.0E+03 |
| | | | | | | 5.00E+01 | I | V | | 1 | | 1.15E+03 | Chloro-1,1-difluoroethane, 1- | 75-68-3 | 1.60E+05 | nms | 6.80E+05 | nms | 3.10E+05 | n | |
| | | 3.00E-04 | I | 2.00E-02 | H | 2.00E-02 | I | V | | 1 | | 7.86E+02 | Chloro-1,3-butadiene, 2- | 126-99-8 | 1.00E+00 | c* | 4.40E+00 | c* | 1.90E+00 | c* | |
| 4.60E-01 | H | | | | | | | | | 1 | 0.1 | | Chloro-2-methylaniline HCl, 4- | 3165-93-3 | 1.20E+02 | c | 5.00E+02 | c | 1.70E+01 | c | |
| 1.00E-01 | P | 7.70E-05 | C | 3.00E-03 | X | | | | | 1 | 0.1 | | Chloro-2-methylaniline, 4- | 95-69-2 | 5.40E+02 | c** | 2.30E+03 | c** | 7.00E+01 | c** | |
| 2.70E-01 | X | | | | | | | V | | 1 | | 1.18E+04 | Chloroacetaldehyde, 2- | 107-20-0 | 2.60E+02 | c | 1.20E+03 | c | 2.90E+01 | c | |
| | | | | | | | | | | 1 | 0.1 | | Chloroacetic Acid | 79-11-8 | | | | | | | 6.0E+01 |
| | | | | | | 3.00E-05 | I | | | 1 | 0.1 | | Chloroacetophenone, 2- | 532-27-4 | 1.30E+05 | nm | 5.40E+05 | nm | | | |
| 2.00E-01 | P | | | 4.00E-03 | I | | | | | 1 | 0.1 | | Chloroaniline, p- | 106-47-8 | 2.70E+02 | c** | 1.10E+03 | c** | 3.70E+01 | c** | |
| | | | | 2.00E-02 | I | 5.00E-02 | P | V | | 1 | | 7.61E+02 | Chlorobenzene | 108-90-7 | 8.30E+02 | ns | 4.00E+03 | ns | 2.30E+02 | n | 1.0E+02 |
| | | | | 1.00E-01 | X | | | | | 1 | 0.1 | | Chlorobenzene sulfonic acid, p- | 98-66-8 | 1.90E+04 | n | 2.50E+05 | nm | 6.00E+03 | n | |
| 1.10E-01 | C | 3.10E-05 | C | 2.00E-02 | I | | | | | 1 | 0.1 | | Chlorobenzilate | 510-15-6 | 4.90E+02 | c** | 2.10E+03 | c* | 3.10E+01 | c* | |
| | | | | 3.00E-02 | X | | | | | 1 | 0.1 | | Chlorobenzoic Acid, p- | 74-11-3 | 5.70E+03 | n | 7.40E+04 | n | 1.50E+03 | n | |
| | | | | 3.00E-03 | P | 3.00E-01 | P | V | | 1 | | 2.90E+02 | Chlorobenzotrifluoride, 4- | 98-56-6 | 6.30E+02 | ns | 7.50E+03 | ns | 1.00E+02 | n | |
| | | | | 4.00E-02 | P | | | V | | 1 | | 7.28E+02 | Chlorobutane, 1- | 109-69-3 | 9.40E+03 | ns | 1.40E+05 | nms | 1.90E+03 | n | |
| | | | | | | 5.00E+01 | I | V | | 1 | | 1.68E+03 | Chlorodifluoromethane | 75-45-6 | 1.50E+05 | nms | 6.20E+05 | nms | 3.10E+05 | n | |
| | | | | 2.00E-02 | P | | | V | | 1 | | 1.11E+05 | Chloroethanol, 2- | 107-07-3 | 4.70E+03 | n | 7.00E+04 | n | 1.20E+03 | n | |
| 3.10E-02 | C | 2.30E-05 | I | 1.00E-02 | I | 9.80E-02 | A | V | | 1 | | 2.54E+03 | Chloroform | 67-66-3 | 3.20E+01 | c* | 1.40E+02 | c* | 2.20E+01 | c* | 8.0E+01(F |
| | | | | | | 9.00E-02 | I | V | | 1 | | 1.32E+03 | Chloromethane | 74-87-3 | 3.30E+02 | n | 1.40E+03 | ns | 5.60E+02 | n | |
| 2.40E+00 | C | 6.90E-04 | C | | | | | V | | 1 | | 9.32E+03 | Chloromethyl Methyl Ether | 107-30-2 | 2.00E+00 | c | 8.90E+00 | c | 6.50E-01 | c | |
| 3.00E-01 | P | | | 3.00E-03 | P | 1.00E-05 | X | | | 1 | 0.1 | | Chloronitrobenzene, o- | 88-73-3 | 1.80E+02 | c** | 7.70E+02 | c** | 2.40E+01 | c** | |
| 6.00E-02 | P | | | 7.00E-04 | P | 2.00E-03 | P | | | 1 | 0.1 | | Chloronitrobenzene, p- | 100-00-5 | 1.30E+02 | n | 1.70E+03 | n | 3.80E+01 | n | |
| | | | | 5.00E-03 | I | | | V | | 1 | | 2.74E+04 | Chlorophenol, 2- | 95-57-8 | 1.20E+03 | n | 1.80E+04 | n | 2.70E+02 | n | |
| | | | | | | 4.00E-04 | C | V | | 1 | | 6.17E+02 | Chloropicrin | 76-06-2 | 5.90E+00 | n | 2.50E+01 | n | 2.50E+00 | n | |
| 3.10E-03 | C | 8.90E-07 | C | 1.50E-02 | I | | | | | 1 | 0.1 | | Chlorothalonil | 1897-45-6 | 2.80E+03 | n | 3.70E+04 | n | 7.90E+02 | n | |
| | | | | 2.00E-02 | I | | | V | | 1 | | 9.07E+02 | Chlorotoluene, o- | 95-49-8 | 4.70E+03 | ns | 7.00E+04 | ns | 7.10E+02 | n | |
| | | | | 2.00E-02 | X | | | V | | 1 | | 2.53E+02 | Chlorotoluene, p- | 106-43-4 | 4.70E+03 | ns | 7.00E+04 | ns | 7.50E+02 | n | |
| 2.40E+02 | C | 6.90E-02 | C | | | | | | | 1 | 0.1 | | Chlorozotocin | 54749-90-5 | 2.30E-01 | c | 9.60E-01 | c | 3.20E-02 | c | |
| | | | | 5.00E-02 | O | | | | | 1 | 0.1 | | Chlorpropham | 101-21-3 | 9.50E+03 | n | 1.20E+05 | nm | 2.10E+03 | n | |
| | | | | 1.00E-03 | A | | | | | 1 | 0.1 | | Chlorpyrifos | 2921-88-2 | 1.90E+02 | n | 2.50E+03 | n | 2.50E+01 | n | |
| | | | | 1.00E-02 | H | | | | | 1 | 0.1 | | Chlorpyrifos Methyl | 5598-13-0 | 1.90E+03 | n | 2.50E+04 | n | 3.60E+02 | n | |
| | | | | 2.00E-02 | O | | | | | 1 | 0.1 | | Chlorsulfuron | 64902-72-3 | 3.80E+03 | n | 4.90E+04 | n | 1.20E+03 | n | |
| | | | | 1.00E-02 | I | | | | | 1 | 0.1 | | Chlorthal-dimethyl | 1861-32-1 | 1.90E+03 | n | 2.50E+04 | n | 3.70E+02 | n | |
| | | | | 8.00E-04 | H | | | | | 1 | 0.1 | | Chlorthiophos | 60238-56-4 | 1.50E+02 | n | 2.00E+03 | n | 8.50E+00 | n | |
| | | | | 1.50E+00 | I | | | | | 0.013 | | | Chromium(III), Insoluble Salts | 16065-83-1 | 3.50E+05 | nm | 5.30E+06 | nm | 6.70E+04 | n | |
| 5.00E-01 | C | 8.40E-02 | S | 3.00E-03 | I | 1.00E-04 | I | | M | 0.025 | | | Chromium(VI) | 18540-29-9 | 3.00E+01 | c* | 6.30E+02 | c* | 3.50E+00 | c* | |
| | | | | | | | | | | 0.013 | | | Chromium, Total | 7440-47-3 | | | | | | | 1.0E+02 |
| | | | | 1.30E-02 | I | | | | | 1 | 0.1 | | Clofentezine | 74115-24-5 | 2.50E+03 | n | 3.20E+04 | n | 7.00E+02 | n | |
| | | 9.00E-03 | P | 3.00E-04 | P | 6.00E-06 | P | | | 1 | | | Cobalt | 7440-48-4 | 7.00E+01 | n | 1.00E+03 | n | 1.80E+01 | n | |
| | | 6.20E-04 | I | | | | | V | M | 1 | | | Coke Oven Emissions | 8007-45-2 | | | | | | | |
| | | | | 4.00E-02 | H | | | | | 1 | | | Copper | 7440-50-8 | 9.40E+03 | n | 1.40E+05 | nm | 2.40E+03 | n | 1.3E+03 |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Removal Levels | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | muta-gen | GIABS | ABS | $C_{sat}$ (mg/kg) | Analyte | CAS No. | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key | Tapwater (ug/L) | key | MCL (ug/L) |
| | | | | 5.00E-02 | I | 6.00E-01 | C | | | 1 | 0.1 | | Cresol, m- | 108-39-4 | 9.50E+03 | n | 1.20E+05 | nm | 2.80E+03 | n | |
| | | | | 5.00E-02 | I | 6.00E-01 | C | | | 1 | 0.1 | | Cresol, o- | 95-48-7 | 9.50E+03 | n | 1.20E+05 | nm | 2.80E+03 | n | |
| | | | | 1.00E-01 | A | 6.00E-01 | C | | | 1 | 0.1 | | Cresol, p- | 106-44-5 | 1.90E+04 | n | 2.50E+05 | nm | 5.60E+03 | n | |
| | | | | 1.00E-01 | A | | | | | 1 | 0.1 | | Cresol, p-chloro-m- | 59-50-7 | 1.90E+04 | n | 2.50E+05 | nm | 4.30E+03 | n | |
| | | | | 1.00E-01 | A | 6.00E-01 | C | | | 1 | 0.1 | | Cresols | 1319-77-3 | 1.90E+04 | n | 2.50E+05 | nm | 4.60E+03 | n | |
| 1.90E+00 | H | | | 1.00E-03 | P | | | V | | 1 | | 1.66E+04 | Crotonaldehyde, trans- | 123-73-9 | 3.70E+01 | c** | 1.70E+02 | c* | 4.00E+00 | c* | |
| | | | | 1.00E-01 | I | 4.00E-01 | I | V | | 1 | | 2.68E+02 | Cumene | 98-82-8 | 5.80E+03 | ns | 3.00E+04 | ns | 1.40E+03 | n | |
| 2.20E-01 | C | 6.30E-05 | C | | | | | | | 1 | 0.1 | | Cupferron | 135-20-6 | 2.50E+02 | c | 1.00E+03 | c | 3.50E+01 | c | |
| 8.40E-01 | H | | | 2.00E-03 | H | | | | | 1 | 0.1 | | Cyanazine | 21725-46-2 | 6.50E+01 | c** | 2.70E+02 | c* | 8.80E+00 | c* | |
| | | | | | | | | | | | | | Cyanides | | | | | | | | |
| | | | | 1.00E-03 | I | | | | | 1 | | | ~Calcium Cyanide | 592-01-8 | 2.30E+02 | n | 3.50E+03 | n | 6.00E+01 | n | |
| | | | | 5.00E-03 | I | | | | | 1 | | | ~Copper Cyanide | 544-92-3 | 1.20E+03 | n | 1.80E+04 | n | 3.00E+02 | n | |
| | | | | 6.00E-04 | I | 8.00E-04 | S | V | | 1 | | 9.54E+05 | ~Cyanide (CN-) | 57-12-5 | 6.90E+01 | n | 4.40E+02 | n | 4.40E+00 | n | 2.0E+02 |
| | | | | 1.00E-03 | I | | | V | | 1 | | | ~Cyanogen | 460-19-5 | 2.30E+02 | n | 3.50E+03 | n | 6.00E+01 | n | |
| | | | | 9.00E-02 | I | | | V | | 1 | | | ~Cyanogen Bromide | 506-68-3 | 2.10E+04 | n | 3.20E+05 | nm | 5.40E+03 | n | |
| | | | | 5.00E-02 | I | | | V | | 1 | | | ~Cyanogen Chloride | 506-77-4 | 1.20E+04 | n | 1.80E+05 | nm | 3.00E+03 | n | |
| | | | | 6.00E-04 | I | 8.00E-04 | I | V | | 1 | | 1.00E+07 | ~Hydrogen Cyanide | 74-90-8 | 6.80E+01 | n | 4.40E+02 | n | 4.40E+00 | n | |
| | | | | 2.00E-03 | I | | | | | 1 | | | ~Potassium Cyanide | 151-50-8 | 4.70E+02 | n | 7.00E+03 | n | 1.20E+02 | n | |
| | | | | 5.00E-03 | I | | | | | 0.04 | | | ~Potassium Silver Cyanide | 506-61-6 | 1.20E+03 | n | 1.80E+04 | n | 2.50E+02 | n | |
| | | | | 1.00E-01 | I | | | | | 0.04 | | | ~Silver Cyanide | 506-64-9 | 2.30E+04 | n | 3.50E+05 | nm | 5.40E+03 | n | |
| | | | | 1.00E-03 | I | | | | | 1 | | | ~Sodium Cyanide | 143-33-9 | 2.30E+02 | n | 3.50E+03 | n | 6.00E+01 | n | 2.0E+02 |
| | | | | 2.00E-04 | P | | | | | 1 | | | ~Thiocyanates | E1790664 | 4.70E+01 | n | 7.00E+02 | n | 1.20E+01 | n | |
| | | | | 2.00E-04 | X | | | V | | 1 | | | ~Thiocyanic Acid | 463-56-9 | 4.70E+01 | n | 7.00E+02 | n | 1.20E+01 | n | |
| | | | | 5.00E-02 | I | | | | | 1 | | | ~Zinc Cyanide | 557-21-1 | 1.20E+04 | n | 1.80E+05 | nm | 3.00E+03 | n | |
| | | | | | | 6.00E+00 | I | V | | 1 | | 1.17E+02 | Cyclohexane | 110-82-7 | 2.00E+04 | ns | 8.20E+04 | ns | 3.80E+04 | n | |
| 2.00E-02 | X | | | 2.00E-02 | X | | | | | 1 | 0.1 | | Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro- | 87-84-3 | 2.70E+03 | c** | 1.10E+04 | c** | 2.80E+02 | c** | |
| | | | | 5.00E+00 | I | 7.00E-01 | P | V | | 1 | | 5.11E+03 | Cyclohexanone | 108-94-1 | 8.50E+04 | ns | 3.80E+05 | nms | 4.30E+03 | n | |
| | | | | 5.00E-03 | P | 1.00E+00 | X | V | | 1 | | 2.83E+02 | Cyclohexene | 110-83-8 | 9.30E+02 | ns | 9.20E+03 | ns | 2.10E+02 | n | |
| | | | | 2.00E-01 | I | | | V | | 1 | | 2.93E+05 | Cyclohexylamine | 108-91-8 | 4.70E+04 | n | 7.00E+05 | nms | 1.20E+04 | n | |
| | | | | 2.50E-02 | I | | | | | 1 | 0.1 | | Cyfluthrin | 68359-37-5 | 4.70E+03 | n | 6.20E+04 | n | 3.60E+02 | n | |
| | | | | 1.00E-03 | O | | | | | 1 | 0.1 | | Cyhalothrin | 68085-85-8 | 1.90E+02 | n | 2.50E+03 | n | 6.00E+01 | n | |
| | | | | 6.00E-02 | O | | | | | 1 | 0.1 | | Cypermethrin | 52315-07-8 | 1.10E+04 | n | 1.50E+05 | nm | 3.60E+03 | n | |
| | | | | 1.50E-02 | O | | | | | 1 | 0.1 | | Cyromazine | 66215-27-8 | 2.80E+03 | n | 3.70E+04 | n | 8.90E+02 | n | |
| 2.40E-01 | I | 6.90E-05 | C | 3.00E-05 | X | | | | | 1 | 0.1 | | DDD, p,p`- (DDD) | 72-54-8 | 5.70E+00 | n | 7.40E+01 | n | 1.90E-01 | n | |
| 3.40E-01 | I | 9.70E-05 | C | 3.00E-04 | X | | | V | | 1 | | | DDE, p,p'- | 72-55-9 | 7.00E+01 | n | 9.30E+02 | c** | 4.60E+00 | c** | |
| 3.40E-01 | I | 9.70E-05 | I | 5.00E-04 | I | | | | | 1 | 0.03 | | DDT | 50-29-3 | 1.10E+02 | n | 8.50E+02 | c** | 2.30E+01 | c** | |
| | | | | 3.00E-02 | I | | | | | 1 | 0.1 | | Dalapon | 75-99-0 | 5.70E+03 | n | 7.40E+04 | n | 1.80E+03 | n | 2.0E+02 |
| 1.80E-02 | C | 5.10E-06 | C | 1.50E-01 | I | | | | | 1 | 0.1 | | Daminozide | 1596-84-5 | 3.00E+03 | c** | 1.30E+04 | c* | 4.30E+02 | c* | |
| 7.00E-04 | I | | | 7.00E-03 | I | | | | | 1 | 0.1 | | Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209) | 1163-19-5 | 1.30E+03 | n | 1.70E+04 | n | 4.20E+02 | n | |
| | | | | 4.00E-05 | I | | | | | 1 | 0.1 | | Demeton | 8065-48-3 | 7.60E+00 | n | 9.80E+01 | n | 1.30E+00 | n | |
| 1.20E-03 | I | | | 6.00E-01 | I | | | | | 1 | 0.1 | | Di(2-ethylhexyl)adipate | 103-23-1 | 4.50E+04 | c** | 1.90E+05 | c**m | 6.50E+03 | c** | 4.0E+02 |
| 6.10E-02 | H | | | | | | | | | 1 | 0.1 | | Diallate | 2303-16-4 | 8.90E+02 | c | 3.80E+03 | c | 5.40E+01 | c | |
| | | | | 7.00E-04 | A | | | | | 1 | 0.1 | | Diazinon | 333-41-5 | 1.30E+02 | n | 1.70E+03 | n | 3.10E+01 | n | |
| | | | | 1.00E-02 | X | | | V | | 1 | | | Dibenzothiophene | 132-65-0 | 2.30E+03 | n | 3.50E+04 | n | 2.00E+02 | n | |
| 8.00E-01 | P | 6.00E-03 | P | 2.00E-04 | P | 2.00E-04 | I | V | M | 1 | | 9.79E+02 | Dibromo-3-chloropropane, 1,2- | 96-12-8 | 5.30E-01 | c* | 6.40E+00 | c* | 3.30E-02 | c* | 2.0E-01 |
| | | | | 4.00E-04 | X | | | V | | 1 | | 1.59E+02 | Dibromobenzene, 1,3- | 108-36-1 | 9.40E+01 | n | 1.40E+03 | ns | 1.60E+01 | n | |
| | | | | 1.00E-02 | I | | | V | | 1 | | | Dibromobenzene, 1,4- | 106-37-6 | 2.30E+03 | n | 3.50E+04 | n | 3.90E+02 | n | |
| 8.40E-02 | I | | | 2.00E-02 | I | | | V | | 1 | | 8.02E+02 | Dibromochloromethane | 124-48-1 | 8.30E+02 | c**s | 3.90E+03 | c*s | 8.70E+01 | c* | 8.0E+01(F |
| 2.00E+00 | I | 6.00E-04 | I | 9.00E-03 | I | 9.00E-03 | I | V | | 1 | | 1.34E+03 | Dibromoethane, 1,2- | 106-93-4 | 3.60E+00 | c* | 1.60E+01 | c* | 7.50E-01 | c* | 5.0E-02 |
| | | | | | | 4.00E-03 | X | V | | 1 | | 2.82E+03 | Dibromomethane (Methylene Bromide) | 74-95-3 | 7.10E+01 | n | 3.00E+02 | n | 2.50E+01 | n | |
| | | | | 3.00E-04 | P | | | | | 1 | 0.1 | | Dibutyltin Compounds | E1790660 | 5.70E+01 | n | 7.40E+02 | n | 1.80E+01 | n | |
| | | | | 3.00E-02 | I | | | | | 1 | 0.1 | | Dicamba | 1918-00-9 | 5.70E+03 | n | 7.40E+04 | n | 1.70E+03 | n | |
| | | 4.20E-03 | P | | | | | V | | 1 | | 5.54E+02 | Dichloro-2-butene, 1,4- | 764-41-0 | 2.10E-01 | c | 9.40E-01 | c | 1.30E-01 | c | |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Removal Levels | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SFO $(mg/kg\text{-}day)^{-1}$ | key | IUR $(ug/m^3)^{-1}$ | key | $RfD_o$ (mg/kg-day) | key | $RfC_i$ $(mg/m^3)$ | key | vol | muta-gen | GIABS | ABS | $C_{sat}$ (mg/kg) | Analyte | CAS No. | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key | Tapwater (ug/L) | key | MCL (ug/L) |
| | | 4.20E-03 | P | | | | | V | | 1 | | 5.19E+02 | Dichloro-2-butene, cis-1,4- | 1476-11-5 | 7.40E-01 | c | 3.20E+00 | c | 1.30E-01 | c | |
| | | 4.20E-03 | P | | | | | V | | 1 | | 7.60E+02 | Dichloro-2-butene, trans-1,4- | 110-57-6 | 7.40E-01 | c | 3.20E+00 | c | 1.30E-01 | c | |
| 5.00E-02 | I | | | 4.00E-03 | I | | | | | 1 | 0.1 | | Dichloroacetic Acid | 79-43-6 | 7.60E+02 | n | 4.60E+03 | c** | 1.50E+02 | c** | 6.0E+01 |
| | | | | 9.00E-02 | I | 2.00E-01 | H | V | | 1 | | 3.76E+02 | Dichlorobenzene, 1,2- | 95-50-1 | 5.40E+03 | ns | 2.80E+04 | ns | 9.10E+02 | n | 6.0E+02 |
| 5.40E-03 | C | 1.10E-05 | C | 7.00E-02 | A | 8.00E-01 | I | V | | 1 | | | Dichlorobenzene, 1,4- | 106-46-7 | 2.60E+02 | c* | 1.10E+03 | c* | 4.80E+01 | c* | 7.5E+01 |
| 4.50E-01 | I | 3.40E-04 | C | | | | | | | 1 | 0.1 | | Dichlorobenzidine, 3,3'- | 91-94-1 | 1.20E+02 | c | 5.10E+02 | c | 1.30E+01 | c | |
| | | | | 9.00E-03 | X | | | | | 1 | 0.1 | | Dichlorobenzophenone, 4,4'- | 90-98-2 | 1.70E+03 | n | 2.20E+04 | n | 2.30E+02 | n | |
| | | | | 2.00E-01 | I | 1.00E-01 | X | V | | 1 | | 8.45E+02 | Dichlorodifluoromethane | 75-71-8 | 2.60E+02 | n | 1.10E+03 | ns | 5.90E+02 | n | |
| 5.70E-03 | C | 1.60E-06 | C | 2.00E-01 | P | | | V | | 1 | | 1.69E+03 | Dichloroethane, 1,1- | 75-34-3 | 3.60E+02 | c | 1.60E+03 | c | 2.80E+02 | c* | |
| 9.10E-02 | I | 2.60E-05 | I | 6.00E-03 | X | 7.00E-03 | P | V | | 1 | | 2.98E+03 | Dichloroethane, 1,2- | 107-06-2 | 4.60E+01 | c** | 2.00E+02 | c** | 1.70E+01 | c** | 5.0E+00 |
| | | | | 5.00E-02 | I | 2.00E-01 | I | V | | 1 | | 1.19E+03 | Dichloroethylene, 1,1- | 75-35-4 | 6.80E+02 | n | 3.00E+03 | ns | 8.50E+02 | n | 7.0E+00 |
| | | | | 2.00E-03 | I | | | V | | 1 | | 2.37E+03 | Dichloroethylene, 1,2-cis- | 156-59-2 | 4.70E+02 | n | 7.00E+03 | ns | 1.10E+02 | n | 7.0E+01 |
| | | | | 2.00E-02 | I | | | V | | 1 | | 1.85E+03 | Dichloroethylene, 1,2-trans- | 156-60-5 | 4.70E+03 | ns | 7.00E+04 | ns | 1.10E+03 | n | 1.0E+02 |
| | | | | 3.00E-03 | I | | | | | 1 | 0.1 | | Dichlorophenol, 2,4- | 120-83-2 | 5.70E+02 | n | 7.40E+03 | n | 1.40E+02 | n | |
| | | | | 1.00E-02 | I | | | | | 1 | 0.05 | | Dichlorophenoxy Acetic Acid, 2,4- | 94-75-7 | 2.10E+03 | n | 2.90E+04 | n | 5.20E+02 | n | 7.0E+01 |
| 3.70E-02 | P | 3.70E-06 | P | 4.00E-02 | P | 4.00E-03 | I | V | | 1 | | 1.36E+03 | Dichloropropane, 1,2- | 78-87-5 | 4.70E+01 | n | 2.00E+02 | n | 2.50E+01 | n | 5.0E+00 |
| | | | | 2.00E-02 | P | | | V | | 1 | | 1.49E+03 | Dichloropropane, 1,3- | 142-28-9 | 4.70E+03 | ns | 7.00E+04 | ns | 1.10E+03 | n | |
| | | | | 3.00E-03 | I | | | | | 1 | 0.1 | | Dichloropropanol, 2,3- | 616-23-9 | 5.70E+02 | n | 7.40E+03 | n | 1.80E+02 | n | |
| 1.00E-01 | I | 4.00E-06 | I | 3.00E-02 | I | 2.00E-02 | I | V | | 1 | | 1.57E+03 | Dichloropropene, 1,3- | 542-75-6 | 1.80E+02 | c** | 8.20E+02 | c** | 4.70E+01 | c** | |
| 2.90E-01 | I | 8.30E-05 | C | 5.00E-04 | I | 5.00E-04 | I | | | 1 | 0.1 | | Dichlorvos | 62-73-7 | 9.50E+01 | n | 7.90E+02 | c** | 2.60E+01 | c** | |
| | | | | 7.00E-05 | O | | | | | 1 | 0.1 | | Dicrotophos | 141-66-2 | 1.30E+01 | n | 1.70E+02 | n | 4.20E+00 | n | |
| | | | | 8.00E-02 | P | 3.00E-04 | X | V | | 1 | | 2.56E+02 | Dicyclopentadiene | 77-73-6 | 3.90E+00 | n | 1.60E+01 | n | 1.90E+00 | n | |
| 1.60E+01 | I | 4.60E-03 | I | 5.00E-05 | I | | | | | 1 | 0.1 | | Dieldrin | 60-57-1 | 3.40E+00 | c** | 1.40E+01 | c** | 1.80E-01 | c** | |
| | | 3.00E-04 | C | | | 5.00E-03 | I | | | 1 | 0.1 | | Diesel Engine Exhaust | E17136615 | | | | | | | |
| | | | | 2.00E-03 | P | 2.00E-04 | P | | | 1 | 0.1 | | Diethanolamine | 111-42-2 | 3.80E+02 | n | 4.90E+03 | n | 1.20E+02 | n | |
| | | | | 3.00E-02 | P | 1.00E-04 | P | | | 1 | 0.1 | | Diethylene Glycol Monobutyl Ether | 112-34-5 | 5.60E+03 | n | 7.10E+04 | n | 1.80E+03 | n | |
| | | | | 6.00E-02 | P | 3.00E-04 | P | | | 1 | 0.1 | | Diethylene Glycol Monoethyl Ether | 111-90-0 | 1.10E+04 | n | 1.40E+05 | nm | 3.60E+03 | n | |
| | | | | 1.00E-03 | P | | | V | | 1 | | 1.12E+05 | Diethylformamide | 617-84-5 | 2.30E+02 | n | 3.50E+03 | n | 6.00E+01 | n | |
| 3.50E+02 | C | 1.00E-01 | C | | | | | | | 1 | 0.1 | | Diethylstilbestrol | 56-53-1 | 1.60E-01 | c | 6.60E-01 | c | 5.10E-03 | c | |
| | | | | 8.30E-02 | O | | | | | 1 | 0.1 | | Difenzoquat | 43222-48-6 | 1.60E+04 | n | 2.00E+05 | nm | 5.00E+03 | n | |
| | | | | 2.00E-02 | I | | | | | 1 | 0.1 | | Diflubenzuron | 35367-38-5 | 3.80E+03 | n | 4.90E+04 | n | 8.70E+02 | n | |
| | | | | | | 4.00E+01 | I | V | | 1 | | 1.43E+03 | Difluoroethane, 1,1- | 75-37-6 | 1.40E+05 | nms | 6.00E+05 | nms | 2.50E+05 | n | |
| | | | | | | 3.00E+01 | X | V | | 1 | | 6.91E+02 | Difluoropropane, 2,2- | 420-45-1 | 7.10E+04 | ns | 3.00E+05 | nms | 1.90E+05 | n | |
| 4.40E-02 | C | 1.30E-05 | C | | | | | V | | 1 | | | Dihydrosafrole | 94-58-6 | 9.90E+02 | c | 4.50E+03 | c | 3.00E+01 | c | |
| | | | | | | 7.00E-01 | P | V | | 1 | | 2.26E+03 | Diisopropyl Ether | 108-20-3 | 6.70E+03 | ns | 2.80E+04 | ns | 4.40E+03 | n | |
| | | | | 8.00E-02 | I | | | V | | 1 | | 5.30E+02 | Diisopropyl Methylphosphonate | 1445-75-6 | 1.90E+04 | ns | 2.80E+05 | nms | 4.80E+03 | n | |
| | | | | 2.20E-02 | O | | | | | 1 | 0.1 | | Dimethipin | 55290-64-7 | 4.10E+03 | n | 5.40E+04 | n | 1.30E+03 | n | |
| | | | | 2.20E-03 | O | | | | | 1 | 0.1 | | Dimethoate | 60-51-5 | 4.20E+02 | n | 5.40E+03 | n | 1.30E+02 | n | |
| 1.60E+00 | P | | | | | | | | | 1 | 0.1 | | Dimethoxybenzidine, 3,3'- | 119-90-4 | 3.40E+01 | c | 1.40E+02 | c | 4.70E+00 | c | |
| 1.70E-03 | P | | | 6.00E-02 | P | | | | | 1 | 0.1 | | Dimethyl methylphosphonate | 756-79-6 | 1.10E+04 | n | 1.40E+05 | c**m | 3.60E+03 | n | |
| 4.60E+00 | C | 1.30E-03 | C | | | | | | | 1 | 0.1 | | Dimethylamino azobenzene [p-] | 60-11-7 | 1.20E+01 | c | 5.00E+01 | c | 5.00E-01 | c | |
| 5.80E-01 | H | | | | | | | | | 1 | 0.1 | | Dimethylaniline HCl, 2,4- | 21436-96-4 | 9.40E+01 | c | 4.00E+02 | c | 1.30E+01 | c | |
| 2.00E-01 | P | | | 2.00E-03 | X | | | | | 1 | 0.1 | | Dimethylaniline, 2,4- | 95-68-1 | 2.70E+02 | c** | 1.10E+03 | c** | 3.70E+01 | c** | |
| 2.70E-02 | P | | | 2.00E-03 | I | | | V | | 1 | | 8.30E+02 | Dimethylaniline, N,N- | 121-69-7 | 4.70E+02 | n | 7.00E+03 | ns | 1.10E+02 | n | |
| 1.10E+01 | P | | | | | | | | | 1 | 0.1 | | Dimethylbenzidine, 3,3'- | 119-93-7 | 4.90E+00 | c | 2.10E+01 | c | 6.50E-01 | c | |
| | | | | 1.00E-01 | P | 3.00E-02 | I | V | | 1 | | 1.06E+05 | Dimethylformamide | 68-12-2 | 7.90E+03 | n | 4.40E+04 | n | 1.80E+02 | n | |
| | | | | 1.00E-04 | X | 2.00E-06 | X | V | | 1 | | 1.72E+05 | Dimethylhydrazine, 1,1- | 57-14-7 | 1.70E-01 | n | 7.30E-01 | n | 1.20E-02 | n | |
| 5.50E+02 | C | 1.60E-01 | C | | | | | V | | 1 | | 1.89E+05 | Dimethylhydrazine, 1,2- | 540-73-8 | 8.80E-02 | c | 4.10E-01 | c | 2.80E-03 | c | |
| | | | | 2.00E-02 | I | | | | | 1 | 0.1 | | Dimethylphenol, 2,4- | 105-67-9 | 3.80E+03 | n | 4.90E+04 | n | 1.10E+03 | n | |
| | | | | 6.00E-04 | I | | | | | 1 | 0.1 | | Dimethylphenol, 2,6- | 576-26-1 | 1.10E+02 | n | 1.50E+03 | n | 3.20E+01 | n | |
| | | | | 1.00E-03 | I | | | | | 1 | 0.1 | | Dimethylphenol, 3,4- | 95-65-8 | 1.90E+02 | n | 2.50E+03 | n | 5.40E+01 | n | |
| 4.50E-02 | C | 1.30E-05 | C | | | | | V | | 1 | | 4.73E+02 | Dimethylvinylchloride | 513-37-1 | 1.10E+02 | c | 4.80E+02 | cs | 3.30E+01 | c | |
| | | | | 8.00E-05 | X | | | | | 1 | 0.1 | | Dinitro-o-cresol, 4,6- | 534-52-1 | 1.50E+01 | n | 2.00E+02 | n | 4.50E+00 | n | |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Removal Levels | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | muta-gen | GIABS | ABS | $C_{sat}$ (mg/kg) | Analyte | CAS No. | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key | Tapwater (ug/L) | key | MCL (ug/L) |
| | | | | 2.00E-03 | I | | | | | 1 | 0.1 | | Dinitro-o-cyclohexyl Phenol, 4,6- | 131-89-5 | 3.80E+02 | n | 4.90E+03 | n | 6.90E+01 | n | |
| | | | | 1.00E-04 | P | | | | | 1 | 0.1 | | Dinitrobenzene, 1,2- | 528-29-0 | 1.90E+01 | n | 2.50E+02 | n | 5.80E+00 | n | |
| | | | | 1.00E-04 | I | | | | | 1 | 0.1 | | Dinitrobenzene, 1,3- | 99-65-0 | 1.90E+01 | n | 2.50E+02 | n | 5.90E+00 | n | |
| | | | | 1.00E-04 | P | | | | | 1 | 0.1 | | Dinitrobenzene, 1,4- | 100-25-4 | 1.90E+01 | n | 2.50E+02 | n | 5.90E+00 | n | |
| | | | | 2.00E-03 | I | | | | | 1 | 0.1 | | Dinitrophenol, 2,4- | 51-28-5 | 3.80E+02 | n | 4.90E+03 | n | 1.20E+02 | n | |
| 6.80E-01 | I | | | | | | | | | 1 | 0.1 | | Dinitrotoluene Mixture, 2,4/2,6- | E1615210 | 8.00E+01 | c | 3.40E+02 | c | 1.10E+01 | c | |
| 3.10E-01 | C | 8.90E-05 | C | 2.00E-03 | I | | | | | 1 | 0.102 | | Dinitrotoluene, 2,4- | 121-14-2 | 1.70E+02 | c** | 7.40E+02 | c** | 2.40E+01 | c** | |
| 1.50E+00 | P | | | 3.00E-04 | X | | | | | 1 | 0.099 | | Dinitrotoluene, 2,6- | 606-20-2 | 3.60E+01 | c** | 1.50E+02 | c** | 4.90E+00 | c** | |
| | | | | 2.00E-03 | S | | | | | 1 | 0.006 | | Dinitrotoluene, 2-Amino-4,6- | 35572-78-2 | 4.60E+02 | n | 6.80E+03 | n | 1.20E+02 | n | |
| | | | | 2.00E-03 | S | | | | | 1 | 0.009 | | Dinitrotoluene, 4-Amino-2,6- | 19406-51-0 | 4.60E+02 | n | 6.80E+03 | n | 1.20E+02 | n | |
| 4.50E-01 | X | | | 9.00E-04 | X | | | | | 1 | 0.1 | | Dinitrotoluene, Technical grade | 25321-14-6 | 1.20E+02 | c** | 5.10E+02 | c** | 1.00E+01 | c** | |
| | | | | 1.00E-03 | I | | | | | 1 | 0.1 | | Dinoseb | 88-85-7 | 1.90E+02 | n | 2.50E+03 | n | 4.40E+01 | n | 7.0E+00 |
| 1.00E-01 | I | 5.00E-06 | I | 3.00E-02 | I | 3.00E-02 | I | V | | 1 | | 1.16E+05 | Dioxane, 1,4- | 123-91-1 | 5.30E+02 | c** | 2.40E+03 | c** | 4.60E+01 | c** | |
| | | | | | | | | | | | | | Dioxins | | | | | | | | |
| 6.20E+03 | I | 1.30E+00 | I | | | | | | | 1 | 0.03 | | ~Hexachlorodibenzo-p-dioxin, Mixture | | 1.00E-02 | c | 4.70E-02 | c | 1.30E-03 | c | |
| 1.30E+05 | C | 3.80E+01 | C | 7.00E-10 | I | 4.00E-08 | C | V | | 1 | 0.03 | | ~TCDD, 2,3,7,8- | 1746-01-6 | 1.50E-04 | n | 2.20E-03 | c** | 1.20E-05 | c** | 3.0E-05 |
| | | | | 3.00E-02 | I | | | | | 1 | 0.1 | | Diphenamid | 957-51-7 | 5.70E+03 | n | 7.40E+04 | n | 1.60E+03 | n | |
| | | | | | | 4.00E-04 | X | V | | 1 | | | Diphenyl Ether | 101-84-8 | 1.00E+02 | n | 4.20E+02 | n | 2.50E+00 | n | |
| | | | | 8.00E-04 | X | | | | | 1 | 0.1 | | Diphenyl Sulfone | 127-63-9 | 1.50E+02 | n | 2.00E+03 | n | 4.50E+01 | n | |
| | | | | 1.00E-01 | O | | | | | 1 | 0.1 | | Diphenylamine | 122-39-4 | 1.90E+04 | n | 2.50E+05 | nm | 3.80E+03 | n | |
| 8.00E-01 | I | 2.20E-04 | I | | | | | | | 1 | 0.1 | | Diphenylhydrazine, 1,2- | 122-66-7 | 6.80E+01 | c | 2.90E+02 | c | 7.80E+00 | c | |
| | | | | 2.20E-03 | I | | | | | 1 | 0.1 | | Diquat | 85-00-7 | 4.20E+02 | n | 5.40E+03 | n | 1.30E+02 | n | 2.0E+01 |
| 7.10E+00 | C | 1.40E-01 | C | | | | | | | 1 | 0.1 | | Direct Black 38 | 1937-37-7 | 7.60E+00 | c | 3.20E+01 | c | 1.10E+00 | c | |
| 7.40E+00 | C | 1.40E-01 | C | | | | | | | 1 | 0.1 | | Direct Blue 6 | 2602-46-2 | 7.30E+00 | c | 3.10E+01 | c | 1.10E+00 | c | |
| 6.70E+00 | C | 1.40E-01 | C | | | | | | | 1 | 0.1 | | Direct Brown 95 | 16071-86-6 | 8.10E+00 | c | 3.40E+01 | c | 1.20E+00 | c | |
| | | | | 4.00E-05 | I | | | | | 1 | 0.1 | | Disulfoton | 298-04-4 | 7.60E+00 | n | 9.80E+01 | n | 1.50E+00 | n | |
| | | | | 1.00E-02 | I | | | V | | 1 | | | Dithiane, 1,4- | 505-29-3 | 2.30E+03 | n | 3.50E+04 | n | 5.90E+02 | n | |
| | | | | 2.00E-03 | I | | | | | 1 | 0.1 | | Diuron | 330-54-1 | 3.80E+02 | n | 4.90E+03 | n | 1.10E+02 | n | |
| | | | | 2.00E-02 | O | | | | | 1 | 0.1 | | Dodine | 2439-10-3 | 3.80E+03 | n | 4.90E+04 | n | 1.20E+03 | n | |
| | | | | 5.00E-02 | O | | | V | | 1 | | | EPTC | 759-94-4 | 1.20E+04 | n | 1.80E+05 | nm | 2.30E+03 | n | |
| | | | | 6.00E-03 | I | | | V | | 1 | | | Endosulfan | 115-29-7 | 1.40E+03 | n | 2.10E+04 | n | 3.00E+02 | n | |
| | | | | 2.00E-02 | I | | | | | 1 | 0.1 | | Endothall | 145-73-3 | 3.80E+03 | n | 4.90E+04 | n | 1.10E+03 | n | 1.0E+02 |
| | | | | 3.00E-04 | I | | | | | 1 | 0.1 | | Endrin | 72-20-8 | 5.70E+01 | n | 7.40E+02 | n | 6.90E+00 | n | 2.0E+00 |
| 9.90E-03 | I | 1.20E-06 | I | 6.00E-03 | P | 1.00E-03 | I | V | | 1 | | 1.05E+04 | Epichlorohydrin | 106-89-8 | 5.70E+01 | n | 2.50E+02 | n | 6.10E+00 | n | |
| | | | | | | 2.00E-02 | I | V | | 1 | | 1.53E+04 | Epoxybutane, 1,2- | 106-88-7 | 4.80E+02 | n | 2.00E+03 | n | 1.30E+02 | n | |
| | | | | 4.00E-02 | P | | | | | 1 | 0.1 | | Ethanol, 2-(2-methoxyethoxy)- | 111-77-3 | 7.60E+03 | n | 9.80E+04 | n | 2.40E+03 | n | |
| | | | | 5.00E-03 | I | | | | | 1 | 0.1 | | Ethephon | 16672-87-0 | 9.50E+02 | n | 1.20E+04 | n | 3.00E+02 | n | |
| | | | | 5.00E-04 | I | | | | | 1 | 0.1 | | Ethion | 563-12-2 | 9.50E+01 | n | 1.20E+03 | n | 1.30E+01 | n | |
| | | | | 1.00E-01 | P | 6.00E-02 | P | V | | 1 | | 2.38E+04 | Ethoxyethanol Acetate, 2- | 111-15-9 | 7.70E+03 | n | 4.30E+04 | ns | 3.50E+02 | n | |
| | | | | 9.00E-02 | P | 2.00E-01 | I | V | | 1 | | 1.06E+05 | Ethoxyethanol, 2- | 110-80-5 | 1.60E+04 | n | 1.40E+05 | nms | 1.00E+03 | n | |
| | | | | 9.00E-01 | I | 7.00E-02 | P | V | | 1 | | 1.08E+04 | Ethyl Acetate | 141-78-6 | 1.90E+03 | n | 7.90E+03 | n | 4.30E+02 | n | |
| | | | | 5.00E-03 | P | 8.00E-03 | P | V | | 1 | | 2.50E+03 | Ethyl Acrylate | 140-88-5 | 1.40E+02 | n | 6.40E+02 | n | 4.30E+01 | n | |
| | | | | | | 1.00E+01 | I | V | | 1 | | 2.12E+03 | Ethyl Chloride (Chloroethane) | 75-00-3 | 4.10E+04 | ns | 1.70E+05 | nms | 6.30E+04 | n | |
| | | | | 2.00E-01 | I | | | V | | 1 | | 1.01E+04 | Ethyl Ether | 60-29-7 | 4.70E+04 | ns | 7.00E+05 | nms | 1.20E+04 | n | |
| | | | | | | 3.00E-01 | P | V | | 1 | | 1.10E+03 | Ethyl Methacrylate | 97-63-2 | 5.40E+03 | ns | 2.30E+04 | ns | 1.90E+03 | n | |
| | | | | 1.00E-05 | I | | | | | 1 | 0.1 | | Ethyl-p-nitrophenyl Phosphonate | 2104-64-5 | 1.90E+00 | n | 2.50E+01 | n | 2.70E-01 | n | |
| 1.10E-02 | C | 2.50E-06 | C | 1.00E-01 | I | 1.00E+00 | I | V | | 1 | | 4.80E+02 | Ethylbenzene | 100-41-4 | 5.80E+02 | c*s | 2.50E+03 | c*s | 1.50E+02 | c* | 7.0E+02 |
| | | | | 7.00E-02 | P | | | | | 1 | 0.1 | | Ethylene Cyanohydrin | 109-78-4 | 1.30E+04 | n | 1.70E+05 | nm | 4.20E+03 | n | |
| | | | | 9.00E-02 | P | | | V | | 1 | | 1.89E+05 | Ethylene Diamine | 107-15-3 | 2.10E+04 | n | 3.20E+05 | nms | 5.40E+03 | n | |
| | | | | 2.00E+00 | I | 4.00E-01 | C | | | 1 | 0.1 | | Ethylene Glycol | 107-21-1 | 3.80E+05 | nm | 4.90E+06 | nm | 1.20E+05 | n | |
| | | | | 1.00E-01 | I | 1.60E+00 | I | | | 1 | 0.1 | | Ethylene Glycol Monobutyl Ether | 111-76-2 | 1.90E+04 | n | 2.50E+05 | nm | 5.90E+03 | n | |
| 3.10E-01 | C | 3.00E-03 | I | | | 3.00E-02 | C | V | M | 1 | | 1.21E+05 | Ethylene Oxide | 75-21-8 | 2.00E-01 | c | 2.50E+00 | c | 6.70E-02 | c | |
| 4.50E-02 | C | 1.30E-05 | C | 8.00E-05 | I | | | | | 1 | 0.1 | | Ethylene Thiourea | 96-45-7 | 1.50E+01 | n | 2.00E+02 | n | 4.80E+00 | n | |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Removal Levels | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | muta-gen | GIABS | ABS | $C_{sat}$ (mg/kg) | Analyte | CAS No. | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key | Tapwater (ug/L) | key | MCL (ug/L) |
| 6.50E+01 | C | 1.90E-02 | C | | | | | V | | 1 | | 1.54E+05 | Ethyleneimine | 151-56-4 | 2.70E-01 | c | 1.20E+00 | c | 2.40E-02 | c | |
| | | | | 3.00E+00 | I | | | | | 1 | 0.1 | | Ethylphthalyl Ethyl Glycolate | 84-72-0 | 5.70E+05 | nm | 7.40E+06 | nm | 1.70E+05 | n | |
| | | | | 2.50E-04 | I | | | | | 1 | 0.1 | | Fenamiphos | 22224-92-6 | 4.70E+01 | n | 6.20E+02 | n | 1.30E+01 | n | |
| | | | | 2.50E-02 | I | | | | | 1 | 0.1 | | Fenpropathrin | 39515-41-8 | 4.70E+03 | n | 6.20E+04 | n | 1.90E+02 | n | |
| | | | | 2.50E-02 | I | | | | | 1 | 0.1 | | Fenvalerate | 51630-58-1 | 4.70E+03 | n | 6.20E+04 | n | 1.50E+03 | n | |
| | | | | 1.30E-02 | I | | | | | 1 | 0.1 | | Fluometuron | 2164-17-2 | 2.50E+03 | n | 3.20E+04 | n | 7.30E+02 | n | |
| | | | | 4.00E-02 | C | 1.30E-02 | C | | | 1 | | | Fluoride | 16984-48-8 | 9.40E+03 | n | 1.40E+05 | nm | 2.40E+03 | n | |
| | | | | 6.00E-02 | I | 1.30E-02 | C | | | 1 | | | Fluorine (Soluble Fluoride) | 7782-41-4 | 1.40E+04 | n | 2.10E+05 | nm | 3.60E+03 | n | 4.0E+03 |
| | | | | 8.00E-02 | I | | | | | 1 | 0.1 | | Fluridone | 59756-60-4 | 1.50E+04 | n | 2.00E+05 | nm | 4.30E+03 | n | |
| | | | | 1.50E-02 | O | | | | | 1 | 0.1 | | Flurprimidol | 56425-91-3 | 2.80E+03 | n | 3.70E+04 | n | 7.70E+02 | n | |
| | | | | 2.00E-03 | O | | | | | 1 | 0.1 | | Flusilazole | 85509-19-9 | 3.80E+02 | n | 4.90E+03 | n | 9.40E+01 | n | |
| | | | | 5.00E-01 | O | | | | | 1 | 0.1 | | Flutolanil | 66332-96-5 | 9.50E+04 | n | 1.20E+06 | nm | 2.40E+04 | n | |
| | | | | 1.00E-02 | I | | | | | 1 | 0.1 | | Fluvalinate | 69409-94-5 | 1.90E+03 | n | 2.50E+04 | n | 6.00E+02 | n | |
| | | | | 9.00E-02 | O | | | | | 1 | 0.1 | | Folpet | 133-07-3 | 1.70E+04 | n | 2.20E+05 | nm | 4.90E+03 | n | |
| | | | | 2.50E-03 | O | | | | | 1 | 0.1 | | Fomesafen | 72178-02-0 | 4.70E+02 | n | 6.20E+03 | n | 1.40E+02 | n | |
| | | | | 2.00E-03 | I | | | | | 1 | 0.1 | | Fonofos | 944-22-9 | 3.80E+02 | n | 4.90E+03 | n | 7.30E+01 | n | |
| | | 1.30E-05 | I | 2.00E-01 | I | 9.80E-03 | A | V | | 1 | | 4.24E+04 | Formaldehyde | 50-00-0 | 1.70E+03 | c** | 7.30E+03 | c** | 4.30E+01 | c** | |
| | | | | 9.00E-01 | P | 3.00E-04 | X | V | | 1 | | 1.06E+05 | Formic Acid | 64-18-6 | 8.70E+01 | n | 3.70E+02 | n | 1.90E+00 | n | |
| | | | | 2.50E+00 | O | | | | | 1 | 0.1 | | Fosetyl-AL | 39148-24-8 | 4.70E+05 | nm | 6.20E+06 | nm | 1.50E+05 | n | |
| | | | | | | | | | | | | | Furans | | | | | | | | |
| | | | | 1.00E-03 | X | | | V | | 1 | 0.03 | | ~Dibenzofuran | 132-64-9 | 2.20E+02 | n | 3.10E+03 | n | 2.40E+01 | n | |
| | | | | 1.00E-03 | I | | | V | | 1 | 0.03 | 6.22E+03 | ~Furan | 110-00-9 | 2.20E+02 | n | 3.10E+03 | n | 5.80E+01 | n | |
| | | | | 9.00E-01 | I | 2.00E+00 | I | V | | 1 | 0.03 | 1.65E+05 | ~Tetrahydrofuran | 109-99-9 | 5.40E+04 | n | 2.80E+05 | nms | 1.00E+04 | n | |
| 3.80E+00 | H | | | | | | | | | 1 | 0.1 | | Furazolidone | 67-45-8 | 1.40E+01 | c | 6.00E+01 | c | 2.00E+00 | c | |
| | | | | 3.00E-03 | I | 5.00E-02 | H | V | | 1 | | 1.01E+04 | Furfural | 98-01-1 | 6.40E+02 | n | 7.90E+03 | n | 1.10E+02 | n | |
| 1.50E+00 | C | 4.30E-04 | C | | | | | | | 1 | 0.1 | | Furium | 531-82-8 | 3.60E+01 | c | 1.50E+02 | c | 5.10E+00 | c | |
| 3.00E-02 | I | 8.60E-06 | C | | | | | | | 1 | 0.1 | | Furmecyclox | 60568-05-0 | 1.80E+03 | c | 7.70E+03 | c | 1.10E+02 | c | |
| | | | | 6.00E-03 | O | | | | | 1 | 0.1 | | Glufosinate, Ammonium | 77182-82-2 | 1.10E+03 | n | 1.50E+04 | n | 3.60E+02 | n | |
| | | | | 1.00E-01 | A | 8.00E-05 | C | | | 1 | 0.1 | | Glutaraldehyde | 111-30-8 | 1.80E+04 | n | 2.10E+05 | nm | 6.00E+03 | n | |
| | | | | 4.00E-04 | I | 1.00E-03 | H | V | | 1 | | 1.06E+05 | Glycidyl | 765-34-4 | 6.90E+01 | n | 6.20E+02 | n | 5.00E+00 | n | |
| | | | | 1.00E-01 | I | | | | | 1 | 0.1 | | Glyphosate | 1071-83-6 | 1.90E+04 | n | 2.50E+05 | nm | 6.00E+03 | n | 7.0E+02 |
| | | | | 1.00E-02 | X | | | V | | 1 | | | Guanidine | 113-00-8 | 2.30E+03 | n | 3.50E+04 | n | 6.00E+02 | n | |
| | | | | 2.00E-02 | P | | | | | 1 | 0.1 | | Guanidine Chloride | 50-01-1 | 3.80E+03 | n | 4.90E+04 | n | 1.20E+03 | n | |
| | | | | 3.00E-02 | X | | | | | 1 | 0.1 | | Guanidine Nitrate | 506-93-4 | 5.70E+03 | n | 7.40E+04 | n | 1.80E+03 | n | |
| | | | | 5.00E-05 | I | | | | | 1 | 0.1 | | Haloxyfop, Methyl | 69806-40-2 | 9.50E+00 | n | 1.20E+02 | n | 2.30E+00 | n | |
| 4.50E+00 | I | 1.30E-03 | I | 5.00E-04 | I | | | V | | 1 | | | Heptachlor | 76-44-8 | 1.30E+01 | c** | 6.30E+01 | c* | 1.40E-01 | c* | 4.0E-01 |
| 9.10E+00 | I | 2.60E-03 | I | 1.30E-05 | I | | | V | | 1 | | | Heptachlor Epoxide | 1024-57-3 | 3.10E+00 | n | 3.30E+01 | c** | 1.40E-01 | c** | 2.0E-01 |
| | | | | | | 3.00E-03 | X | V | | 1 | | 2.09E+02 | Heptanal, n- | 111-71-7 | 7.30E+01 | n | 3.10E+02 | ns | 1.90E+01 | n | |
| | | | | 3.00E-04 | X | 4.00E-01 | P | V | | 1 | | 5.79E+01 | Heptane, N- | 142-82-5 | 6.60E+01 | ns | 8.60E+02 | ns | 1.80E+01 | n | |
| | | | | 2.00E-03 | I | | | V | | 1 | | | Hexabromobenzene | 87-82-1 | 4.70E+02 | n | 7.00E+03 | n | 1.20E+02 | n | |
| | | | | 2.00E-04 | I | | | | | 1 | 0.1 | | Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153) | 68631-49-2 | 3.80E+01 | n | 4.90E+02 | n | 1.20E+01 | n | |
| 1.60E+00 | I | 4.60E-04 | I | 8.00E-04 | I | | | V | | 1 | | | Hexachlorobenzene | 118-74-1 | 2.10E+01 | c** | 9.60E+01 | c* | 9.80E-01 | c* | 1.0E+00 |
| 7.80E-02 | I | 2.20E-05 | I | 1.00E-03 | P | | | V | | 1 | | 1.68E+01 | Hexachlorobutadiene | 87-68-3 | 1.20E+02 | c**s | 5.30E+02 | c**s | 1.40E+01 | c** | |
| 6.30E+00 | I | 1.80E-03 | I | 8.00E-03 | A | | | | | 1 | 0.1 | | Hexachlorocyclohexane, Alpha- | 319-84-6 | 8.60E+00 | c | 3.60E+01 | c | 7.20E-01 | c | |
| 1.80E+00 | I | 5.30E-04 | I | | | | | | | 1 | 0.1 | | Hexachlorocyclohexane, Beta- | 319-85-7 | 3.00E+01 | c | 1.30E+02 | c | 2.50E+00 | c | |
| 1.10E+00 | C | 3.10E-04 | C | 3.00E-04 | I | | | | | 1 | 0.04 | | Hexachlorocyclohexane, Gamma- (Lindane) | 58-89-9 | 5.70E+01 | c** | 2.50E+02 | c** | 4.20E+00 | c** | 2.0E-01 |
| 1.80E+00 | I | 5.10E-04 | I | | | | | | | 1 | 0.1 | | Hexachlorocyclohexane, Technical | 608-73-1 | 3.00E+01 | c | 1.30E+02 | c | 2.50E+00 | c | |
| | | | | 6.00E-03 | I | 2.00E-04 | I | V | | 1 | | 1.57E+01 | Hexachlorocyclopentadiene | 77-47-4 | 5.30E+00 | n | 2.20E+01 | ns | 1.20E+00 | n | 5.0E+01 |
| 4.00E-02 | I | 1.10E-05 | C | 7.00E-04 | I | 3.00E-02 | I | V | | 1 | | | Hexachloroethane | 67-72-1 | 1.30E+02 | n | 8.00E+02 | c** | 1.90E+01 | n | |
| | | | | 3.00E-04 | I | | | | | 1 | 0.1 | | Hexachlorophene | 70-30-4 | 5.70E+01 | n | 7.40E+02 | n | 1.80E+01 | n | |
| 1.10E-01 | I | | | 3.00E-03 | I | | | | | 1 | 0.015 | | Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) | 121-82-4 | 6.10E+02 | c** | 2.80E+03 | c** | 7.00E+01 | c** | |
| | | | | | | 1.00E-05 | I | V | | 1 | | 3.39E+03 | Hexamethylene Diisocyanate, 1,6- | 822-06-0 | 9.40E+00 | n | 3.90E+01 | n | 6.30E-02 | n | |
| | | | | 4.00E-04 | P | | | | | 1 | 0.1 | | Hexamethylphosphoramide | 680-31-9 | 7.60E+01 | n | 9.80E+02 | n | 2.40E+01 | n | |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Removal Levels | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | muta-gen | GIABS | ABS | $C_{sat}$ (mg/kg) | Analyte | CAS No. | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key | Tapwater (ug/L) | key | MCL (ug/L) |
| | | | | | | 7.00E-01 | I | V | | 1 | | 1.41E+02 | Hexane, N- | 110-54-3 | 1.80E+03 | ns | 7.60E+03 | ns | 4.40E+03 | n | |
| | | | | 2.00E+00 | P | | | | | 1 | 0.1 | | Hexanedioic Acid | 124-04-9 | 3.80E+05 | nm | 4.90E+06 | nm | 1.20E+05 | n | |
| | | | | 5.00E-03 | I | 3.00E-02 | I | V | | 1 | | 3.28E+03 | Hexanone, 2- | 591-78-6 | 6.00E+02 | n | 4.00E+03 | ns | 1.10E+02 | n | |
| | | | | 3.30E-02 | I | | | | | 1 | 0.1 | | Hexazinone | 51235-04-2 | 6.30E+03 | n | 8.10E+04 | n | 1.90E+03 | n | |
| | | | | 2.50E-02 | I | | | | | 1 | 0.1 | | Hexythiazox | 78587-05-0 | 4.70E+03 | n | 6.20E+04 | n | 3.40E+02 | n | |
| | | | | 1.70E-02 | O | | | | | 1 | 0.1 | | Hydramethylnon | 67485-29-4 | 3.20E+03 | n | 4.20E+04 | n | 1.00E+03 | n | |
| 3.00E+00 | I | 4.90E-03 | I | | | 3.00E-05 | P | V | | 1 | | | Hydrazine | 302-01-2 | 2.30E+01 | c | 1.10E+02 | c | 1.10E-01 | c** | |
| 3.00E+00 | I | 4.90E-03 | I | | | | | | | 1 | | | Hydrazine Sulfate | 10034-93-2 | 2.30E+01 | c | 1.10E+02 | c | 2.60E+00 | c | |
| | | | | | | 2.00E-02 | I | V | | 1 | | | Hydrogen Chloride | 7647-01-0 | 8.50E+07 | nm | 3.60E+08 | nm | 1.30E+02 | n | |
| | | | | 4.00E-02 | C | 1.40E-02 | C | V | | 1 | | | Hydrogen Fluoride | 7664-39-3 | 9.40E+03 | n | 1.40E+05 | nm | 8.50E+01 | n | |
| | | | | | | 2.00E-03 | I | V | | 1 | | | Hydrogen Sulfide | 7783-06-4 | 8.50E+06 | nm | 3.60E+07 | nm | 1.30E+01 | n | |
| 6.00E-02 | P | | | 4.00E-02 | P | | | | | 1 | 0.1 | | Hydroquinone | 123-31-9 | 9.00E+02 | c** | 3.80E+03 | c* | 1.30E+02 | c* | |
| 6.10E-02 | O | | | 2.50E-03 | O | | | | | 1 | 0.1 | | Imazalil | 35554-44-0 | 4.70E+02 | n | 3.80E+03 | c** | 9.00E+01 | c** | |
| | | | | 2.50E-01 | I | | | | | 1 | 0.1 | | Imazaquin | 81335-37-7 | 4.70E+04 | n | 6.20E+05 | nm | 1.50E+04 | n | |
| | | | | 2.50E+00 | O | | | | | 1 | 0.1 | | Imazethapyr | 81335-77-5 | 4.70E+05 | nm | 6.20E+06 | nm | 1.40E+05 | n | |
| | | | | 1.00E-02 | A | | | | | 1 | | | Iodine | 7553-56-2 | 2.30E+03 | n | 3.50E+04 | n | 6.00E+02 | n | |
| | | | | 4.00E-02 | I | | | | | 1 | 0.1 | | Iprodione | 36734-19-7 | 7.60E+03 | n | 9.80E+04 | n | 2.20E+03 | n | |
| | | | | 7.00E-01 | P | | | | | 1 | | | Iron | 7439-89-6 | 1.60E+05 | nm | 2.50E+06 | nm | 4.20E+04 | n | |
| | | | | 3.00E-01 | I | | | V | | 1 | | 1.00E+04 | Isobutyl Alcohol | 78-83-1 | 7.00E+04 | ns | 1.10E+06 | nms | 1.80E+04 | n | |
| 9.50E-04 | I | | | 2.00E-01 | I | 2.00E+00 | C | | | 1 | 0.1 | | Isophorone | 78-59-1 | 3.80E+04 | n | 2.40E+05 | c**m | 7.80E+03 | c** | |
| | | | | 1.50E-02 | I | | | V | | 1 | | | Isopropalin | 33820-53-0 | 3.50E+03 | n | 5.30E+04 | n | 1.20E+02 | n | |
| | | | | 2.00E+00 | P | 2.00E-01 | P | V | | 1 | | 1.09E+05 | Isopropanol | 67-63-0 | 1.70E+04 | n | 7.20E+04 | n | 1.20E+03 | n | |
| | | | | 1.00E-01 | I | | | | | 1 | 0.1 | | Isopropyl Methyl Phosphonic Acid | 1832-54-8 | 1.90E+04 | n | 2.50E+05 | nm | 6.00E+03 | n | |
| | | | | 5.00E-02 | I | | | | | 1 | 0.1 | | Isoxaben | 82558-50-7 | 9.50E+03 | n | 1.20E+05 | nm | 2.20E+03 | n | |
| | | | | | | 3.00E-01 | A | V | | 1 | | | JP-7 | E1737665 | 1.30E+09 | nm | 5.40E+09 | nm | 1.90E+03 | n | |
| | | | | 8.00E-03 | O | | | | | 1 | 0.1 | | Lactofen | 77501-63-4 | 1.50E+03 | n | 2.00E+04 | n | 3.00E+02 | n | |
| | | | | 2.00E-04 | X | | | | | 1 | 0.1 | | Lactonitrile | 78-97-7 | 3.80E+01 | n | 4.90E+02 | n | 1.20E+01 | n | |
| | | | | | | | | | | | | | Lead Compounds | | | | | | | | |
| 8.50E-03 | C | 1.20E-05 | C | | | | | | | 1 | | | ~Lead Phosphate | 7446-27-7 | 8.20E+03 | c | 3.80E+04 | c | 9.10E+02 | c | |
| 8.50E-03 | C | 1.20E-05 | C | | | | | | | 1 | 0.1 | | ~Lead acetate | 301-04-2 | 6.40E+03 | c | 2.70E+04 | c | 9.20E+02 | c | |
| | | | | | | | | | | 1 | | | ~Lead and Compounds | 7439-92-1 | 4.00E+02 | | 8.00E+02 | L | 1.50E+01 | L | 1.5E+01 |
| 8.50E-03 | C | 1.20E-05 | C | | | | | | | 1 | 0.1 | | ~Lead subacetate | 1335-32-6 | 6.40E+03 | c | 2.70E+04 | c | 9.20E+02 | c | |
| | | | | 1.00E-07 | I | | | V | | 1 | | 2.43E+00 | ~Tetraethyl Lead | 78-00-2 | 2.30E-02 | n | 3.50E-01 | n | 3.90E-03 | n | |
| | | | | 5.00E-06 | P | | | V | | 1 | | 3.83E+02 | Lewisite | 541-25-3 | 1.20E+00 | n | 1.80E+01 | n | 2.70E-01 | n | |
| | | | | 7.70E-03 | O | | | | | 1 | 0.1 | | Linuron | 330-55-2 | 1.50E+03 | n | 1.90E+04 | n | 3.90E+02 | n | |
| | | | | 2.00E-03 | P | | | | | 1 | | | Lithium | 7439-93-2 | 4.70E+02 | n | 7.00E+03 | n | 1.20E+02 | n | |
| | | | | 5.00E-04 | I | | | | | 1 | 0.1 | | MCPA | 94-74-6 | 9.50E+01 | n | 1.20E+03 | n | 2.30E+01 | n | |
| | | | | 4.40E-03 | O | | | | | 1 | 0.1 | | MCPB | 94-81-5 | 8.30E+02 | n | 1.10E+04 | n | 1.90E+02 | n | |
| | | | | 1.00E-03 | I | | | | | 1 | 0.1 | | MCPP | 93-65-2 | 1.90E+02 | n | 2.50E+03 | n | 4.70E+01 | n | |
| | | | | 2.00E-02 | I | | | | | 1 | 0.1 | | Malathion | 121-75-5 | 3.80E+03 | n | 4.90E+04 | n | 1.20E+03 | n | |
| | | | | 1.00E-01 | I | 7.00E-04 | C | | | 1 | 0.1 | | Maleic Anhydride | 108-31-6 | 1.90E+04 | n | 2.40E+05 | nm | 5.70E+03 | n | |
| | | | | 5.00E-01 | I | | | | | 1 | 0.1 | | Maleic Hydrazide | 123-33-1 | 9.50E+04 | n | 1.20E+06 | nm | 3.00E+04 | n | |
| | | | | 1.00E-04 | P | | | | | 1 | 0.1 | | Malononitrile | 109-77-3 | 1.90E+01 | n | 2.50E+02 | n | 6.00E+00 | n | |
| | | | | 3.00E-02 | H | | | | | 1 | 0.1 | | Mancozeb | 8018-01-7 | 5.70E+03 | n | 7.40E+04 | n | 1.60E+03 | n | |
| | | | | 5.00E-03 | I | | | | | 1 | 0.1 | | Maneb | 12427-38-2 | 9.50E+02 | n | 1.20E+04 | n | 2.90E+02 | n | |
| | | | | 1.40E-01 | I | 5.00E-05 | I | | | 1 | | | Manganese (Diet) | 7439-96-5 | | | | | | | |
| | | | | 2.40E-02 | S | 5.00E-05 | I | | | 0.04 | | | Manganese (Non-diet) | 7439-96-5 | 5.50E+03 | n | 7.70E+04 | n | 1.30E+03 | n | |
| | | | | 9.00E-05 | H | | | | | 1 | 0.1 | | Mephosfolan | 950-10-7 | 1.70E+01 | n | 2.20E+02 | n | 5.40E+00 | n | |
| | | | | 3.00E-02 | I | | | | | 1 | 0.1 | | Mepiquat Chloride | 24307-26-4 | 5.70E+03 | n | 7.40E+04 | n | 1.80E+03 | n | |
| 1.10E-02 | P | | | 4.00E-03 | P | | | | | 1 | 0.1 | | Mercaptobenzothiazole, 2- | 149-30-4 | 7.60E+02 | n | 9.80E+03 | n | 2.20E+02 | n | |
| | | | | | | | | | | | | | Mercury Compounds | | | | | | | | |
| | | | | 3.00E-04 | I | 3.00E-04 | S | | | 0.07 | | | ~Mercuric Chloride (and other Mercury salts) | 7487-94-7 | 7.00E+01 | n | 1.10E+03 | n | 1.70E+01 | n | 2.0E+00 |
| | | | | | | 3.00E-04 | I | V | | 1 | | 3.13E+00 | ~Mercury (elemental) | 7439-97-6 | 3.30E+01 | ns | 1.40E+02 | ns | 1.90E+00 | n | 2.0E+00 |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Removal Levels | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | muta-gen | GIABS | ABS | $C_{sat}$ (mg/kg) | Analyte | CAS No. | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key | Tapwater (ug/L) | key | MCL (ug/L) |
| | | | | 1.00E-04 | I | | | | | 1 | | | ~Methyl Mercury | 22967-92-6 | 2.30E+01 | n | 3.50E+02 | n | 6.00E+00 | n | |
| | | | | 8.00E-05 | I | | | | | 1 | 0.1 | | ~Phenylmercuric Acetate | 62-38-4 | 1.50E+01 | n | 2.00E+02 | n | 4.80E+00 | n | |
| | | | | 3.00E-05 | I | | | V | | 1 | | | Merphos | 150-50-5 | 7.00E+00 | n | 1.10E+02 | n | 1.80E+00 | n | |
| | | | | 1.00E-04 | O | | | | | 1 | 0.1 | | Merphos Oxide | 78-48-8 | 1.90E+01 | n | 2.50E+02 | n | 8.50E-01 | n | |
| | | | | 6.00E-02 | I | | | | | 1 | 0.1 | | Metalaxyl | 57837-19-1 | 1.10E+04 | n | 1.50E+05 | nm | 3.50E+03 | n | |
| | | | | 1.00E-04 | I | 3.00E-02 | P | V | | 1 | | 4.58E+03 | Methacrylonitrile | 126-98-7 | 2.30E+01 | n | 3.10E+02 | n | 5.70E+00 | n | |
| | | | | 5.00E-05 | I | | | | | 1 | 0.1 | | Methamidophos | 10265-92-6 | 9.50E+00 | n | 1.20E+02 | n | 3.00E+00 | n | |
| | | | | 2.00E+00 | I | 2.00E+01 | I | V | | 1 | | 1.06E+05 | Methanol | 67-56-1 | 3.70E+05 | nms | 3.70E+06 | nms | 6.10E+04 | n | |
| | | | | 1.50E-03 | O | | | | | 1 | 0.1 | | Methidathion | 950-37-8 | 2.80E+02 | n | 3.70E+03 | n | 8.70E+01 | n | |
| | | | | 2.50E-02 | I | | | | | 1 | 0.1 | | Methomyl | 16752-77-5 | 4.70E+03 | n | 6.20E+04 | n | 1.50E+03 | n | |
| 4.90E-02 | C | 1.40E-05 | C | | | | | | | 1 | 0.1 | | Methoxy-5-nitroaniline, 2- | 99-59-2 | 1.10E+03 | c | 4.70E+03 | c | 1.50E+02 | c | |
| | | | | 5.00E-03 | I | | | | | 1 | 0.1 | | Methoxychlor | 72-43-5 | 9.50E+02 | n | 1.20E+04 | n | 1.10E+02 | n | 4.0E+01 |
| | | | | 8.00E-03 | P | 1.00E-03 | P | V | | 1 | | 1.15E+05 | Methoxyethanol Acetate, 2- | 110-49-6 | 3.20E+02 | n | 1.50E+03 | n | 6.20E+00 | n | |
| | | | | 5.00E-03 | P | 2.00E-02 | I | V | | 1 | | 1.06E+05 | Methoxyethanol, 2- | 109-86-4 | 9.90E+02 | n | 1.10E+04 | n | 8.80E+01 | n | |
| | | | | 1.00E+00 | X | | | V | | 1 | | 2.90E+04 | Methyl Acetate | 79-20-9 | 2.30E+05 | nms | 3.50E+06 | nms | 6.00E+04 | n | |
| | | | | | | 2.00E-02 | P | V | | 1 | | 6.75E+03 | Methyl Acrylate | 96-33-3 | 4.40E+02 | n | 1.80E+03 | n | 1.30E+02 | n | |
| | | | | 6.00E-01 | I | 5.00E+00 | I | V | | 1 | | 2.84E+04 | Methyl Ethyl Ketone (2-Butanone) | 78-93-3 | 8.10E+04 | ns | 5.80E+05 | nms | 1.70E+04 | n | |
| | | 1.00E-03 | X | 1.00E-03 | P | 2.00E-05 | X | V | | 1 | | 1.80E+05 | Methyl Hydrazine | 60-34-4 | 3.10E+00 | n | 1.30E+01 | n | 1.20E-01 | n | |
| | | | | | | 3.00E+00 | I | V | | 1 | | 3.36E+03 | Methyl Isobutyl Ketone (4-methyl-2-pentanone) | 108-10-1 | 9.90E+04 | ns | 4.20E+05 | nms | 1.90E+04 | n | |
| | | | | | | 1.00E-03 | C | V | | 1 | | 1.01E+04 | Methyl Isocyanate | 624-83-9 | 1.40E+01 | n | 5.80E+01 | n | 6.30E+00 | n | |
| | | | | 1.40E+00 | I | 7.00E-01 | I | V | | 1 | | 2.36E+03 | Methyl Methacrylate | 80-62-6 | 1.30E+04 | ns | 5.80E+04 | ns | 4.20E+03 | n | |
| | | | | 2.50E-04 | I | | | | | 1 | 0.1 | | Methyl Parathion | 298-00-0 | 4.70E+01 | n | 6.20E+02 | n | 1.30E+01 | n | |
| | | | | 6.00E-02 | X | | | | | 1 | 0.1 | | Methyl Phosphonic Acid | 993-13-5 | 1.10E+04 | n | 1.50E+05 | nm | 3.60E+03 | n | |
| | | | | 6.00E-03 | H | 4.00E-02 | H | V | | 1 | | 3.93E+02 | Methyl Styrene (Mixed Isomers) | 25013-15-4 | 9.60E+02 | ns | 7.90E+03 | ns | 6.90E+01 | n | |
| 9.90E-02 | C | 2.80E-05 | C | | | | | | | 1 | 0.1 | | Methyl methanesulfonate | 66-27-3 | 5.50E+02 | c | 2.30E+03 | c | 7.90E+01 | c | |
| 1.80E-03 | C | 2.60E-07 | C | | | 3.00E+00 | I | V | | 1 | | 8.87E+03 | Methyl tert-Butyl Ether (MTBE) | 1634-04-4 | 4.70E+03 | c** | 2.10E+04 | c**s | 1.40E+03 | c* | |
| | | | | 3.00E-04 | X | | | | | 1 | 0.1 | | Methyl-1,4-benzenediamine dihydrochloride, 2- | 615-45-2 | 5.70E+01 | n | 7.40E+02 | n | 1.80E+01 | n | |
| | | | | | | 3.00E+00 | X | V | | 1 | | 2.45E+03 | Methyl-2-Pentanol, 4- | 108-11-2 | 1.60E+05 | nms | 6.80E+05 | nms | 1.90E+04 | n | |
| 9.00E-03 | P | | | 2.00E-02 | X | | | | | 1 | 0.1 | | Methyl-5-Nitroaniline, 2- | 99-55-8 | 3.80E+03 | n | 2.60E+04 | c** | 8.20E+02 | c** | |
| 8.30E+00 | C | 2.40E-03 | C | | | | | | | 1 | 0.1 | | Methyl-N-nitro-N-nitrosoguanidine, N- | 70-25-7 | 6.50E+00 | c | 2.80E+01 | c | 9.40E-01 | c | |
| 1.30E-01 | C | 3.70E-05 | C | | | | | | | 1 | 0.1 | | Methylaniline Hydrochloride, 2- | 636-21-5 | 4.20E+02 | c | 1.80E+03 | c | 6.00E+01 | c | |
| | | | | 1.00E-02 | A | | | | | 1 | 0.1 | | Methylarsonic acid | 124-58-3 | 1.90E+03 | n | 2.50E+04 | n | 6.00E+02 | n | |
| | | | | 2.00E-04 | X | | | | | 1 | 0.1 | | Methylbenzene,1-4-diamine monohydrochloride, 2- | 74612-12-7 | 3.80E+01 | n | 4.90E+02 | n | 1.20E+01 | n | |
| 1.00E-01 | X | | | 3.00E-04 | X | | | | | 1 | 0.1 | | Methylbenzene-1,4-diamine sulfate, 2- | 615-50-9 | 5.70E+01 | n | 7.40E+02 | n | 1.80E+01 | n | |
| 2.20E+01 | C | 6.30E-03 | C | | | | | | M | 1 | 0.1 | | Methylcholanthrene, 3- | 56-49-5 | 5.50E-01 | c | 1.00E+01 | c | 1.10E-01 | c | |
| 2.00E-03 | I | 1.00E-08 | I | 6.00E-03 | I | 6.00E-01 | I | V | M | 1 | | 3.32E+03 | Methylene Chloride | 75-09-2 | 1.00E+03 | n | 9.50E+03 | ns | 3.20E+02 | n | 5.0E+00 |
| 1.00E-01 | P | 4.30E-04 | C | 2.00E-03 | P | | | | M | 1 | 0.1 | | Methylene-bis(2-chloroaniline), 4,4'- | 101-14-4 | 1.20E+02 | c** | 2.30E+03 | c** | 1.60E+01 | c** | |
| 4.60E-02 | I | 1.30E-05 | C | | | | | | | 1 | 0.1 | | Methylene-bis(N,N-dimethyl) Aniline, 4,4'- | 101-61-1 | 1.20E+03 | c | 5.00E+03 | c | 4.80E+01 | c | |
| 1.60E+00 | C | 4.60E-04 | C | | | 2.00E-02 | C | | | 1 | 0.1 | | Methylenebisbenzenamine, 4,4'- | 101-77-9 | 3.40E+01 | c | 1.40E+02 | c | 4.70E+00 | c | |
| | | | | | | 6.00E-04 | I | | | 1 | 0.1 | | Methylenediphenyl Diisocyanate | 101-68-8 | 2.60E+06 | nm | 1.10E+07 | nm | | | |
| | | | | 7.00E-02 | H | | | V | | 1 | | 5.00E+02 | Methylstyrene, Alpha- | 98-83-9 | 1.60E+04 | ns | 2.50E+05 | nms | 2.30E+03 | n | |
| | | | | 1.50E-01 | I | | | | | 1 | 0.1 | | Metolachlor | 51218-45-2 | 2.80E+04 | n | 3.70E+05 | nm | 8.10E+03 | n | |
| | | | | 2.50E-02 | I | | | | | 1 | 0.1 | | Metribuzin | 21087-64-9 | 4.70E+03 | n | 6.20E+04 | n | 1.50E+03 | n | |
| | | | | 2.50E-01 | I | | | | | 1 | 0.1 | | Metsulfuron-methyl | 74223-64-6 | 4.70E+04 | n | 6.20E+05 | nm | 1.50E+04 | n | |
| | | | | 3.00E+00 | P | | | V | | 1 | | 3.42E-01 | Mineral oils | 8012-95-1 | 7.00E+05 | nms | 1.10E+07 | nms | 1.80E+05 | n | |
| 1.80E+01 | C | 5.10E-03 | C | 2.00E-04 | I | | | V | | 1 | | | Mirex | 2385-85-5 | 3.60E+00 | c* | 1.70E+01 | c* | 8.80E-02 | c | |
| | | | | 2.00E-03 | I | | | | | 1 | 0.1 | | Molinate | 2212-67-1 | 3.80E+02 | n | 4.90E+03 | n | 9.00E+01 | n | |
| | | | | 5.00E-03 | I | | | | | 1 | | | Molybdenum | 7439-98-7 | 1.20E+03 | n | 1.80E+04 | n | 3.00E+02 | n | |
| | | | | 1.00E-01 | I | | | | | 1 | | | Monochloramine | 10599-90-3 | 2.30E+04 | n | 3.50E+05 | nm | 6.00E+03 | n | 4.0E+03 |
| | | | | 2.00E-03 | P | | | | | 1 | 0.1 | | Monomethylaniline | 100-61-8 | 3.80E+02 | n | 4.90E+03 | n | 1.10E+02 | n | |
| | | | | 2.50E-02 | I | | | | | 1 | 0.1 | | Myclobutanil | 88671-89-0 | 4.70E+03 | n | 6.20E+04 | n | 1.40E+03 | n | |
| | | | | 3.00E-04 | X | | | | | 1 | 0.1 | | N,N'-Diphenyl-1,4-benzenediamine | 74-31-7 | 5.70E+01 | n | 7.40E+02 | n | 1.10E+01 | n | |
| | | | | 2.00E-03 | I | | | V | | 1 | | | Naled | 300-76-5 | 4.70E+02 | n | 7.00E+03 | n | 1.20E+02 | n | |

RML
HQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Removal Levels | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | muta-gen | GIABS | ABS | $C_{sat}$ (mg/kg) | Analyte | CAS No. | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key | Tapwater (ug/L) | key | MCL (ug/L) |
| | | | | 3.00E-02 | X | 1.00E-01 | P | V | | 1 | | | Naphtha, High Flash Aromatic (HFAN) | 64742-95-6 | 7.00E+03 | n | 1.10E+05 | nm | 4.60E+02 | n | |
| 1.80E+00 | C | 0.00E+00 | C | | | | | | | 1 | 0.1 | | Naphthylamine, 2- | 91-59-8 | 3.00E+01 | c | 1.30E+02 | c | 3.90E+00 | c | |
| | | | | 1.20E-01 | O | | | | | 1 | 0.1 | | Napropamide | 15299-99-7 | 2.30E+04 | n | 3.00E+05 | nm | 5.90E+03 | n | |
| | | 2.60E-04 | C | 1.10E-02 | C | 1.40E-05 | C | | | 1 | 0.1 | | Nickel Acetate | 373-02-4 | 2.00E+03 | n | 2.40E+04 | n | 6.60E+02 | n | |
| | | 2.60E-04 | C | 1.10E-02 | C | 1.40E-05 | C | | | 1 | 0.1 | | Nickel Carbonate | 3333-67-3 | 2.00E+03 | n | 2.40E+04 | n | 6.60E+02 | n | |
| | | 2.60E-04 | C | 1.10E-02 | C | 1.40E-05 | C | V | | 1 | | | Nickel Carbonyl | 13463-39-3 | 2.50E+03 | n | 3.30E+04 | n | 8.80E-02 | n | |
| | | 2.60E-04 | C | 1.10E-02 | C | 1.40E-05 | C | | | 0.04 | | | Nickel Hydroxide | 12054-48-7 | 2.50E+03 | n | 3.30E+04 | n | 6.00E+02 | n | |
| | | 2.60E-04 | C | 1.10E-02 | C | 2.00E-05 | C | | | 0.04 | | | Nickel Oxide | 1313-99-1 | 2.50E+03 | n | 3.50E+04 | n | 6.00E+02 | n | |
| | | 2.40E-04 | I | 1.10E-02 | C | 1.40E-05 | C | | | 0.04 | | | Nickel Refinery Dust | E715532 | 2.50E+03 | n | 3.30E+04 | n | 6.50E+02 | n | |
| | | 2.60E-04 | C | 2.00E-02 | I | 9.00E-05 | A | | | 0.04 | | | Nickel Soluble Salts | 7440-02-0 | 4.60E+03 | n | 6.70E+04 | n | 1.20E+03 | n | |
| 1.70E+00 | C | 4.80E-04 | I | 1.10E-02 | C | 1.40E-05 | C | | | 0.04 | | | Nickel Subsulfide | 12035-72-2 | 4.10E+01 | c* | 1.90E+02 | c | 4.50E+00 | c | |
| | | 2.60E-04 | C | 1.10E-02 | C | 1.40E-05 | C | | | 1 | 0.1 | | Nickelocene | 1271-28-9 | 2.00E+03 | n | 2.40E+04 | n | 6.60E+02 | n | |
| | | | | 1.60E+00 | I | | | | | 1 | | | Nitrate | 14797-55-8 | 3.80E+05 | nm | 5.60E+06 | nm | 9.60E+04 | n | 1.0E+04 |
| | | | | | | | | | | 1 | | | Nitrate + Nitrite (as N) | E701177 | | | | | | | 1.0E+04 |
| | | | | 1.00E-01 | I | | | | | 1 | | | Nitrite | 14797-65-0 | 2.30E+04 | n | 3.50E+05 | nm | 6.00E+03 | n | 1.0E+03 |
| | | | | 1.00E-02 | X | 5.00E-05 | X | | | 1 | 0.1 | | Nitroaniline, 2- | 88-74-4 | 1.90E+03 | n | 2.40E+04 | n | 5.70E+02 | n | |
| 2.00E-02 | P | | | 4.00E-03 | P | 6.00E-03 | P | | | 1 | 0.1 | | Nitroaniline, 4- | 100-01-6 | 7.60E+02 | n | 9.80E+03 | n | 2.30E+02 | n | |
| | | 4.00E-05 | I | 2.00E-03 | I | 9.00E-03 | I | V | | 1 | | 3.05E+03 | Nitrobenzene | 98-95-3 | 3.80E+02 | n | 2.20E+03 | c** | 1.40E+01 | c** | |
| | | | | 3.00E+03 | P | | | | | 1 | 0.1 | | Nitrocellulose | 9004-70-0 | 5.70E+08 | nm | 7.40E+09 | nm | 1.80E+08 | n | |
| | | | | 7.00E-02 | H | | | | | 1 | 0.1 | | Nitrofurantoin | 67-20-9 | 1.30E+04 | n | 1.70E+05 | nm | 4.20E+03 | n | |
| 1.30E+00 | C | 3.70E-04 | C | | | | | | | 1 | 0.1 | | Nitrofurazone | 59-87-0 | 4.20E+01 | c | 1.80E+02 | c | 6.00E+00 | c | |
| 1.70E-02 | P | | | 1.00E-04 | P | | | | | 1 | 0.1 | | Nitroglycerin | 55-63-0 | 1.90E+01 | n | 2.50E+02 | n | 5.90E+00 | n | |
| | | | | 1.00E-01 | I | | | | | 1 | 0.1 | | Nitroguanidine | 556-88-7 | 1.90E+04 | n | 2.50E+05 | nm | 6.00E+03 | n | |
| | | 8.80E-06 | P | | | 5.00E-03 | P | V | | 1 | | 1.80E+04 | Nitromethane | 75-52-5 | 2.60E+02 | n | 1.10E+03 | n | 3.10E+01 | n | |
| | | 2.70E-03 | H | | | 2.00E-02 | I | V | | 1 | | 4.86E+03 | Nitropropane, 2- | 79-46-9 | 1.40E+00 | c | 6.00E+00 | c | 2.10E-01 | c | |
| 2.70E+01 | C | 7.70E-03 | C | | | | | | M | 1 | 0.1 | | Nitroso-N-ethylurea, N- | 759-73-9 | 4.50E-01 | c | 8.50E+00 | c | 9.20E-02 | c | |
| 1.20E+02 | C | 3.40E-02 | C | | | | | | M | 1 | 0.1 | | Nitroso-N-methylurea, N- | 684-93-5 | 1.00E-01 | c | 1.90E+00 | c | 2.10E-02 | c | |
| 5.40E+00 | I | 1.60E-03 | I | | | | | V | | 1 | | | Nitroso-di-N-butylamine, N- | 924-16-3 | 9.90E+00 | c | 4.60E+01 | c | 2.70E-01 | c | |
| 7.00E+00 | I | 2.00E-03 | C | | | | | | | 1 | 0.1 | | Nitroso-di-N-propylamine, N- | 621-64-7 | 7.80E+00 | c | 3.30E+01 | c | 1.10E+00 | c | |
| 2.80E+00 | I | 8.00E-04 | C | | | | | | | 1 | 0.1 | | Nitrosodiethanolamine, N- | 1116-54-7 | 1.90E+01 | c | 8.20E+01 | c | 2.80E+00 | c | |
| 1.50E+02 | I | 4.30E-02 | I | | | | | | M | 1 | 0.1 | | Nitrosodiethylamine, N- | 55-18-5 | 8.10E-02 | c | 1.50E+00 | c | 1.70E-02 | c | |
| 5.10E+01 | I | 1.40E-02 | I | 8.00E-06 | P | 4.00E-05 | X | V | M | 1 | | 2.37E+05 | Nitrosodimethylamine, N- | 62-75-9 | 2.00E-01 | c** | 3.40E+00 | c** | 1.10E-02 | c* | |
| 4.90E-03 | I | 2.60E-06 | C | | | | | | | 1 | 0.1 | | Nitrosodiphenylamine, N- | 86-30-6 | 1.10E+04 | c | 4.70E+04 | c | 1.20E+03 | c | |
| 2.20E+01 | I | 6.30E-03 | C | | | | | V | | 1 | | 1.08E+05 | Nitrosomethylethylamine, N- | 10595-95-6 | 2.00E+00 | c | 9.10E+00 | c | 7.10E-02 | c | |
| 6.70E+00 | C | 1.90E-03 | C | | | | | | | 1 | 0.1 | | Nitrosomorpholine [N-] | 59-89-2 | 8.10E+00 | c | 3.40E+01 | c | 1.20E+00 | c | |
| 9.40E+00 | C | 2.70E-03 | C | | | | | | | 1 | 0.1 | | Nitrosopiperidine [N-] | 100-75-4 | 5.80E+00 | c | 2.40E+01 | c | 8.20E-01 | c | |
| 2.10E+00 | I | 6.10E-04 | I | | | | | | | 1 | 0.1 | | Nitrosopyrrolidine, N- | 930-55-2 | 2.60E+01 | c | 1.10E+02 | c | 3.70E+00 | c | |
| | | | | 1.00E-04 | X | | | | | 1 | 0.1 | | Nitrotoluene, m- | 99-08-1 | 1.90E+01 | n | 2.50E+02 | n | 5.20E+00 | n | |
| 2.20E-01 | P | | | 9.00E-04 | P | | | V | | 1 | | 1.51E+03 | Nitrotoluene, o- | 88-72-2 | 2.10E+02 | n | 1.50E+03 | c** | 3.10E+01 | c** | |
| 1.60E-02 | P | | | 4.00E-03 | P | | | | | 1 | 0.1 | | Nitrotoluene, p- | 99-99-0 | 7.60E+02 | n | 9.80E+03 | n | 2.10E+02 | n | |
| | | | | 3.00E-04 | X | 2.00E-02 | P | V | | 1 | | 6.86E+00 | Nonane, n- | 111-84-2 | 3.40E+01 | ns | 2.20E+02 | ns | 1.60E+01 | n | |
| | | | | 1.50E-02 | O | | | | | 1 | 0.1 | | Norflurazon | 27314-13-2 | 2.80E+03 | n | 3.70E+04 | n | 8.70E+02 | n | |
| | | | | 3.00E-03 | I | | | | | 1 | 0.1 | | Octabromodiphenyl Ether | 32536-52-0 | 5.70E+02 | n | 7.40E+03 | n | 1.80E+02 | n | |
| | | | | 5.00E-02 | I | | | | | 1 | 0.006 | | Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX) | 2691-41-0 | 1.20E+04 | n | 1.70E+05 | nm | 3.00E+03 | n | |
| | | | | 2.00E-03 | H | | | | | 1 | 0.1 | | Octamethylpyrophosphoramide | 152-16-9 | 3.80E+02 | n | 4.90E+03 | n | 1.20E+02 | n | |
| 7.80E-03 | O | | | 1.40E-01 | O | | | | | 1 | 0.1 | | Oryzalin | 19044-88-3 | 7.00E+03 | c** | 2.90E+04 | c* | 7.90E+02 | c** | |
| | | | | 5.00E-03 | I | | | | | 1 | 0.1 | | Oxadiazon | 19666-30-9 | 9.50E+02 | n | 1.20E+04 | n | 1.40E+02 | n | |
| | | | | 2.50E-02 | I | | | | | 1 | 0.1 | | Oxamyl | 23135-22-0 | 4.70E+03 | n | 6.20E+04 | n | 1.50E+03 | n | 2.0E+02 |
| 7.30E-02 | O | | | 3.00E-02 | O | | | | | 1 | 0.1 | | Oxyfluorfen | 42874-03-3 | 7.40E+02 | c** | 3.10E+03 | c* | 5.40E+01 | c* | |
| | | | | 1.30E-02 | I | | | | | 1 | 0.1 | | Paclobutrazol | 76738-62-0 | 2.50E+03 | n | 3.20E+04 | n | 6.80E+02 | n | |
| | | | | 4.50E-03 | I | | | | | 1 | 0.1 | | Paraquat Dichloride | 1910-42-5 | 8.50E+02 | n | 1.10E+04 | n | 2.70E+02 | n | |
| | | | | 6.00E-03 | H | | | | | 1 | 0.1 | | Parathion | 56-38-2 | 1.10E+03 | n | 1.50E+04 | n | 2.60E+02 | n | |
| | | | | 5.00E-02 | H | | | V | | 1 | | | Pebulate | 1114-71-2 | 1.20E+04 | n | 1.80E+05 | nm | 1.70E+03 | n | |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Removal Levels | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | muta-gen | GIABS | ABS | $C_{sat}$ (mg/kg) | Analyte | CAS No. | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key | Tapwater (ug/L) | key | MCL (ug/L) |
| | | | | 3.00E-02 | O | | | | | 1 | 0.1 | | Pendimethalin | 40487-42-1 | 5.70E+03 | n | 7.40E+04 | n | 4.10E+02 | n | |
| | | | | 2.00E-03 | I | | | V | | 1 | | 3.12E-01 | Pentabromodiphenyl Ether | 32534-81-9 | 4.70E+02 | ns | 7.00E+03 | ns | 1.20E+02 | n | |
| | | | | 1.00E-04 | I | | | | | 1 | 0.1 | | Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99) | 60348-60-9 | 1.90E+01 | n | 2.50E+02 | n | 6.00E+00 | n | |
| | | | | 8.00E-04 | I | | | V | | 1 | | | Pentachlorobenzene | 608-93-5 | 1.90E+02 | n | 2.80E+03 | n | 9.50E+00 | n | |
| 9.00E-02 | P | | | | | | | V | | 1 | | 4.57E+02 | Pentachloroethane | 76-01-7 | 7.70E+02 | cs | 3.60E+03 | cs | 6.50E+01 | c | |
| 2.60E-01 | H | | | 3.00E-03 | I | | | V | | 1 | | | Pentachloronitrobenzene | 82-68-8 | 2.70E+02 | c** | 1.30E+03 | c** | 1.20E+01 | c** | |
| 4.00E-01 | I | 5.10E-06 | C | 5.00E-03 | I | | | | | 1 | 0.25 | | Pentachlorophenol | 87-86-5 | 1.00E+02 | c* | 4.00E+02 | c* | 4.10E+00 | c* | 1.0E+00 |
| 4.00E-03 | X | | | 2.00E-03 | P | | | | | 1 | 0.1 | | Pentaerythritol tetranitrate (PETN) | 78-11-5 | 3.80E+02 | n | 4.90E+03 | n | 1.20E+02 | n | |
| | | | | | | 1.00E+00 | P | V | | 1 | | 3.88E+02 | Pentane, n- | 109-66-0 | 2.40E+03 | ns | 1.00E+04 | ns | 6.30E+03 | n | |
| | | | | | | | | | | | | | Perchlorates | | | | | | | | |
| | | | | 7.00E-04 | I | | | | | 1 | | | ~Ammonium Perchlorate | 7790-98-9 | 1.60E+02 | n | 2.50E+03 | n | 4.20E+01 | n | |
| | | | | 7.00E-04 | I | | | | | 1 | | | ~Lithium Perchlorate | 7791-03-9 | 1.60E+02 | n | 2.50E+03 | n | 4.20E+01 | n | |
| | | | | 7.00E-04 | I | | | | | 1 | | | ~Perchlorate and Perchlorate Salts | 14797-73-0 | 1.60E+02 | n | 2.50E+03 | n | 4.20E+01 | n | 1.5E+01(F |
| | | | | 7.00E-04 | I | | | | | 1 | | | ~Potassium Perchlorate | 7778-74-7 | 1.60E+02 | n | 2.50E+03 | n | 4.20E+01 | n | |
| | | | | 7.00E-04 | I | | | | | 1 | | | ~Sodium Perchlorate | 7601-89-0 | 1.60E+02 | n | 2.50E+03 | n | 4.20E+01 | n | |
| | | | | 2.00E-02 | P | | | | | 1 | 0.1 | | Perfluorobutane sulfonic acid (PFBS) | 375-73-5 | 3.80E+03 | n | 4.90E+04 | n | 1.20E+03 | n | |
| | | | | 2.00E-02 | P | | | | | 1 | 0.1 | | Perfluorobutanesulfonate | 45187-15-3 | 3.80E+03 | n | 4.90E+04 | n | 1.20E+03 | n | |
| | | | | 5.00E-02 | I | | | | | 1 | 0.1 | | Permethrin | 52645-53-1 | 9.50E+03 | n | 1.20E+05 | nm | 3.00E+03 | n | |
| 2.20E-03 | C | 6.30E-07 | C | | | | | | | 1 | 0.1 | | Phenacetin | 62-44-2 | 2.50E+04 | c | 1.00E+05 | cm | 3.40E+03 | c | |
| | | | | 2.40E-01 | O | | | | | 1 | 0.1 | | Phenmedipham | 13684-63-4 | 4.60E+04 | n | 5.90E+05 | nm | 1.10E+04 | n | |
| | | | | 3.00E-01 | I | 2.00E-01 | C | | | 1 | 0.1 | | Phenol | 108-95-2 | 5.70E+04 | n | 7.40E+05 | nm | 1.70E+04 | n | |
| | | | | 4.00E-03 | I | | | | | 1 | 0.1 | | Phenol, 2-(1-methylethoxy)-, methylcarbamate | 114-26-1 | 7.60E+02 | n | 9.80E+03 | n | 2.40E+02 | n | |
| | | | | 5.00E-04 | X | | | | | 1 | 0.1 | | Phenothiazine | 92-84-2 | 9.50E+01 | n | 1.20E+03 | n | 1.30E+01 | n | |
| | | | | 2.00E-04 | X | | | V | | 1 | | 1.29E+02 | Phenyl Isothiocyanate | 103-72-0 | 4.70E+01 | n | 7.00E+02 | ns | 7.90E+00 | n | |
| | | | | 6.00E-03 | I | | | | | 1 | 0.1 | | Phenylenediamine, m- | 108-45-2 | 1.10E+03 | n | 1.50E+04 | n | 3.60E+02 | n | |
| 1.20E-01 | P | | | 4.00E-03 | P | | | | | 1 | 0.1 | | Phenylenediamine, o- | 95-54-5 | 4.50E+02 | c** | 1.90E+03 | c** | 6.50E+01 | c** | |
| | | | | 1.00E-03 | X | | | | | 1 | 0.1 | | Phenylenediamine, p- | 106-50-3 | 1.90E+02 | n | 2.50E+03 | n | 6.00E+01 | n | |
| 1.90E-03 | H | | | | | | | | | 1 | 0.1 | | Phenylphenol, 2- | 90-43-7 | 2.80E+04 | c | 1.20E+05 | cm | 3.00E+03 | c | |
| | | | | 2.00E-04 | H | | | | | 1 | 0.1 | | Phorate | 298-02-2 | 3.80E+01 | n | 4.90E+02 | n | 9.10E+00 | n | |
| | | | | | | 3.00E-04 | I | V | | 1 | | 1.61E+03 | Phosgene | 75-44-5 | 9.20E-01 | n | 3.90E+00 | n | | | |
| | | | | 2.00E-02 | I | | | | | 1 | 0.1 | | Phosmet | 732-11-6 | 3.80E+03 | n | 4.90E+04 | n | 1.10E+03 | n | |
| | | | | | | | | | | | | | Phosphates, Inorganic | | | | | | | | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Aluminum metaphosphate | 13776-88-0 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Ammonium polyphosphate | 68333-79-9 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Calcium pyrophosphate | 7790-76-3 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Diammonium phosphate | 7783-28-0 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Dicalcium phosphate | 7757-93-9 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Dimagnesium phosphate | 7782-75-4 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Dipotassium phosphate | 7758-11-4 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Disodium phosphate | 7558-79-4 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Monoaluminum phosphate | 13530-50-2 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Monoammonium phosphate | 7722-76-1 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Monocalcium phosphate | 7758-23-8 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Monomagnesium phosphate | 7757-86-0 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Monopotassium phosphate | 7778-77-0 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Monosodium phosphate | 7558-80-7 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Polyphosphoric acid | 8017-16-1 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Potassium tripolyphosphate | 13845-36-8 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Sodium acid pyrophosphate | 7758-16-9 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Sodium aluminum phosphate (acidic) | 7785-88-8 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Sodium aluminum phosphate (anhydrous) | 10279-59-1 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Sodium aluminum phosphate (tetrahydrate) | 10305-76-7 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Sodium hexametaphosphate | 10124-56-8 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |

RML
HQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Removal Levels | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | muta-gen | GIABS | ABS | $C_{sat}$ (mg/kg) | Analyte | CAS No. | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key | Tapwater (ug/L) | key | MCL (ug/L) |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Sodium polyphosphate | 68915-31-1 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Sodium trimetaphosphate | 7785-84-4 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Sodium tripolyphosphate | 7758-29-4 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Tetrapotassium phosphate | 7320-34-5 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Tetrasodium pyrophosphate | 7722-88-5 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate) | 15136-87-5 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Tricalcium phosphate | 7758-87-4 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Trimagnesium phosphate | 7757-87-1 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Tripotassium phosphate | 7778-53-2 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 4.90E+01 | P | | | | | 1 | | | ~Trisodium phosphate | 7601-54-9 | 1.10E+07 | nm | 1.70E+08 | nm | 2.90E+06 | n | |
| | | | | 3.00E-04 | I | 3.00E-04 | I | V | | 1 | | | Phosphine | 7803-51-2 | 7.00E+01 | n | 1.10E+03 | n | 1.70E+00 | n | |
| | | | | 4.90E+01 | P | 1.00E-02 | I | | | 1 | | | Phosphoric Acid | 7664-38-2 | 9.00E+06 | nm | 8.70E+07 | nm | 2.90E+06 | n | |
| | | | | 2.00E-05 | I | | | V | | 1 | | | Phosphorus, White | 7723-14-0 | 4.70E+00 | n | 7.00E+01 | n | 1.20E+00 | n | |
| | | | | | | | | | | | | | Phthalates | | | | | | | | |
| 1.40E-02 | I | 2.40E-06 | C | 2.00E-02 | I | | | | | 1 | 0.1 | | ~Bis(2-ethylhexyl)phthalate | 117-81-7 | 3.80E+03 | n | 1.60E+04 | c** | 5.60E+02 | c** | 6.0E+00 |
| 1.90E-03 | P | | | 2.00E-01 | I | | | | | 1 | 0.1 | | ~Butyl Benzyl Phthalate | 85-68-7 | 2.90E+04 | c** | 1.20E+05 | c**m | 1.60E+03 | c** | |
| | | | | 1.00E+00 | I | | | | | 1 | 0.1 | | ~Butylphthalyl Butylglycolate | 85-70-1 | 1.90E+05 | nm | 2.50E+06 | nm | 4.00E+04 | n | |
| | | | | 1.00E-01 | I | | | | | 1 | 0.1 | | ~Dibutyl Phthalate | 84-74-2 | 1.90E+04 | n | 2.50E+05 | nm | 2.70E+03 | n | |
| | | | | 8.00E-01 | I | | | | | 1 | 0.1 | | ~Diethyl Phthalate | 84-66-2 | 1.50E+05 | nm | 2.00E+06 | nm | 4.50E+04 | n | |
| | | | | 1.00E-01 | I | | | V | | 1 | | | ~Dimethylterephthalate | 120-61-6 | 2.30E+04 | n | 3.50E+05 | nm | 5.60E+03 | n | |
| | | | | 1.00E-02 | P | | | | | 1 | 0.1 | | ~Octyl Phthalate, di-N- | 117-84-0 | 1.90E+03 | n | 2.50E+04 | n | 6.00E+02 | n | |
| | | | | 1.00E+00 | H | | | | | 1 | 0.1 | | ~Phthalic Acid, P- | 100-21-0 | 1.90E+05 | nm | 2.50E+06 | nm | 5.70E+04 | n | |
| | | | | 2.00E+00 | I | 2.00E-02 | C | | | 1 | 0.1 | | ~Phthalic Anhydride | 85-44-9 | 3.80E+05 | nm | 4.90E+06 | nm | 1.20E+05 | n | |
| | | | | 7.00E-02 | I | | | | | 1 | 0.1 | | Picloram | 1918-02-1 | 1.30E+04 | n | 1.70E+05 | nm | 4.10E+03 | n | 5.0E+02 |
| | | | | 1.00E-04 | X | | | | | 1 | 0.1 | | Picramic Acid (2-Amino-4,6-dinitrophenol) | 96-91-3 | 1.90E+01 | n | 2.50E+02 | n | 6.00E+00 | n | |
| | | | | 9.00E-04 | X | | | | | 1 | 0.1 | | Picric Acid (2,4,6-Trinitrophenol) | 88-89-1 | 1.70E+02 | n | 2.20E+03 | n | 5.30E+01 | n | |
| | | | | 6.70E-05 | O | | | | | 1 | 0.1 | | Pirimiphos, Methyl | 29232-93-7 | 1.30E+01 | n | 1.60E+02 | n | 2.40E+00 | n | |
| 3.00E+01 | C | 8.60E-03 | C | 7.00E-06 | H | | | | | 1 | 0.1 | | Polybrominated Biphenyls | 59536-65-1 | 1.30E+00 | n | 7.70E+00 | c** | 2.60E-01 | c** | |
| | | | | | | | | | | | | | Polychlorinated Biphenyls (PCBs) | | | | | | | | |
| 7.00E-02 | S | 2.00E-05 | S | 7.00E-05 | I | | | V | | 1 | 0.14 | | ~Aroclor 1016 | 12674-11-2 | 1.20E+01 | n | 1.50E+02 | n | 4.20E+00 | n | |
| 2.00E+00 | S | 5.70E-04 | S | | | | | V | | 1 | 0.14 | | ~Aroclor 1221 | 11104-28-2 | 2.00E+01 | c | 8.30E+01 | c | 4.70E-01 | c | |
| 2.00E+00 | S | 5.70E-04 | S | | | | | V | | 1 | 0.14 | | ~Aroclor 1232 | 11141-16-5 | 1.70E+01 | c | 7.20E+01 | c | 4.70E-01 | c | |
| 2.00E+00 | S | 5.70E-04 | S | | | | | V | | 1 | 0.14 | | ~Aroclor 1242 | 53469-21-9 | 2.30E+01 | c | 9.50E+01 | c | 7.80E-01 | c | |
| 2.00E+00 | S | 5.70E-04 | S | | | | | V | | 1 | 0.14 | | ~Aroclor 1248 | 12672-29-6 | 2.30E+01 | c | 9.50E+01 | c | 7.80E-01 | c | |
| 2.00E+00 | S | 5.70E-04 | S | 2.00E-05 | I | | | V | | 1 | 0.14 | | ~Aroclor 1254 | 11097-69-1 | 3.50E+00 | n | 4.40E+01 | n | 7.80E-01 | c** | |
| 2.00E+00 | S | 5.70E-04 | S | | | | | V | | 1 | 0.14 | | ~Aroclor 1260 | 11096-82-5 | 2.40E+01 | c | 9.90E+01 | c | 7.80E-01 | c | |
| | | | | 6.00E-04 | X | | | V | | 1 | 0.14 | | ~Aroclor 5460 | 11126-42-4 | 1.10E+02 | n | 1.30E+03 | n | 3.60E+01 | n | |
| 3.90E+00 | E | 1.10E-03 | E | 2.30E-05 | E | 1.30E-03 | E | V | | 1 | 0.14 | | ~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189) | 39635-31-9 | 4.10E+00 | n | 5.10E+01 | n | 4.00E-01 | c** | |
| 3.90E+00 | E | 1.10E-03 | E | 2.30E-05 | E | 1.30E-03 | E | V | | 1 | 0.14 | | ~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167) | 52663-72-6 | 4.10E+00 | n | 5.10E+01 | c** | 4.00E-01 | c** | |
| 3.90E+00 | E | 1.10E-03 | E | 2.30E-05 | E | 1.30E-03 | E | V | | 1 | 0.14 | | ~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157) | 69782-90-7 | 4.10E+00 | n | 5.00E+01 | c** | 4.00E-01 | c** | |
| 3.90E+00 | E | 1.10E-03 | E | 2.30E-05 | E | 1.30E-03 | E | V | | 1 | 0.14 | | ~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156) | 38380-08-4 | 4.10E+00 | n | 5.00E+01 | c** | 4.00E-01 | c** | |
| 3.90E+03 | E | 1.10E+00 | E | 2.30E-08 | E | 1.30E-06 | E | V | | 1 | 0.14 | | ~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169) | 32774-16-6 | 4.10E-03 | n | 5.10E-02 | c** | 4.00E-04 | c** | |
| 3.90E+00 | E | 1.10E-03 | E | 2.30E-05 | E | 1.30E-03 | E | V | | 1 | 0.14 | | ~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123) | 65510-44-3 | 4.10E+00 | n | 4.90E+01 | c** | 4.00E-01 | c** | |
| 3.90E+00 | E | 1.10E-03 | E | 2.30E-05 | E | 1.30E-03 | E | V | | 1 | 0.14 | | ~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118) | 31508-00-6 | 4.10E+00 | n | 4.90E+01 | c** | 4.00E-01 | c** | |
| 3.90E+00 | E | 1.10E-03 | E | 2.30E-05 | E | 1.30E-03 | E | V | | 1 | 0.14 | | ~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105) | 32598-14-4 | 4.10E+00 | n | 4.90E+01 | c** | 4.00E-01 | c** | |
| 3.90E+00 | E | 1.10E-03 | E | 2.30E-05 | E | 1.30E-03 | E | V | | 1 | 0.14 | | ~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114) | 74472-37-0 | 4.10E+00 | n | 5.00E+01 | c** | 4.00E-01 | c** | |
| 1.30E+04 | E | 3.80E+00 | E | 7.00E-09 | E | 4.00E-07 | E | V | | 1 | 0.14 | | ~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126) | 57465-28-8 | 1.20E-03 | n | 1.50E-02 | c** | 1.20E-04 | c** | |
| 2.00E+00 | I | 5.70E-04 | I | | | | | V | | 1 | 0.14 | | ~Polychlorinated Biphenyls (high risk) | 1336-36-3 | 2.30E+01 | c | 9.40E+01 | c | | | 5.0E-01 |
| 4.00E-01 | I | 1.00E-04 | I | | | | | V | | 1 | 0.14 | | ~Polychlorinated Biphenyls (low risk) | 1336-36-3 | | | | | 4.40E+00 | c | 5.0E-01 |
| 7.00E-02 | I | 2.00E-05 | I | | | | | V | | 1 | 0.14 | | ~Polychlorinated Biphenyls (lowest risk) | 1336-36-3 | | | | | | | 5.0E-01 |
| 1.30E+01 | E | 3.80E-03 | E | 7.00E-06 | E | 4.00E-04 | E | | | 1 | 0.14 | | ~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77) | 32598-13-3 | 1.20E+00 | n | 1.50E+01 | n | 4.20E-01 | n | |
| 3.90E+01 | E | 1.10E-02 | E | 2.30E-06 | E | 1.30E-04 | E | V | | 1 | 0.14 | | ~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81) | 70362-50-4 | 4.10E-01 | n | 4.80E+00 | c** | 4.00E-02 | c** | |
| | | | | | | 6.00E-04 | I | | | 1 | 0.1 | | Polymeric Methylene Diphenyl Diisocyanate (PMDI) | 9016-87-9 | 2.60E+06 | nm | 1.10E+07 | nm | | | |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Removal Levels | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | muta-gen | GIABS | ABS | $C_{sat}$ (mg/kg) | Analyte | CAS No. | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key | Tapwater (ug/L) | key | MCL (ug/L) |
| | | | | | | | | | | | | | Polynuclear Aromatic Hydrocarbons (PAHs) | | | | | | | | |
| | | | | 6.00E-02 | I | | | V | | 1 | 0.13 | | ~Acenaphthene | 83-32-9 | 1.10E+04 | n | 1.40E+05 | nm | 1.60E+03 | n | |
| | | | | 3.00E-01 | I | | | V | | 1 | 0.13 | | ~Anthracene | 120-12-7 | 5.40E+04 | n | 6.80E+05 | nm | 5.30E+03 | n | |
| 1.00E-01 | E | 6.00E-05 | E | | | | | V | M | 1 | 0.13 | | ~Benz[a]anthracene | 56-55-3 | 1.10E+02 | c | 2.10E+03 | c | 3.00E+00 | c | |
| 1.20E+00 | C | 1.10E-04 | C | | | | | | | 1 | 0.13 | | ~Benzo(j)fluoranthene | 205-82-3 | 4.20E+01 | c | 1.80E+02 | c | 6.50E+00 | c | |
| 1.00E+00 | I | 6.00E-04 | I | 3.00E-04 | I | 2.00E-06 | I | | M | 1 | 0.13 | | ~Benzo[a]pyrene | 50-32-8 | 1.10E+01 | c** | 2.10E+02 | c** | 2.50E+00 | c** | 2.0E-01 |
| 1.00E-01 | E | 6.00E-05 | E | | | | | | M | 1 | 0.13 | | ~Benzo[b]fluoranthene | 205-99-2 | 1.10E+02 | c | 2.10E+03 | c | 2.50E+01 | c | |
| 1.00E-02 | E | 6.00E-06 | E | | | | | | M | 1 | 0.13 | | ~Benzo[k]fluoranthene | 207-08-9 | 1.10E+03 | c | 2.10E+04 | c | 2.50E+02 | c | |
| | | | | 8.00E-02 | I | | | V | | 1 | 0.13 | | ~Chloronaphthalene, Beta- | 91-58-7 | 1.40E+04 | n | 1.80E+05 | nm | 2.20E+03 | n | |
| 1.00E-03 | E | 6.00E-07 | E | | | | | | M | 1 | 0.13 | | ~Chrysene | 218-01-9 | 1.10E+04 | c | 2.10E+05 | cm | 2.50E+03 | c | |
| 1.00E+00 | E | 6.00E-04 | E | | | | | | M | 1 | 0.13 | | ~Dibenz[a,h]anthracene | 53-70-3 | 1.10E+01 | c | 2.10E+02 | c | 2.50E+00 | c | |
| 1.20E+01 | C | 1.10E-03 | C | | | | | | | 1 | 0.13 | | ~Dibenzo(a,e)pyrene | 192-65-4 | 4.20E+00 | c | 1.80E+01 | c | 6.50E-01 | c | |
| 2.50E+02 | C | 7.10E-02 | C | | | | | | M | 1 | 0.13 | | ~Dimethylbenz(a)anthracene, 7,12- | 57-97-6 | 4.60E-02 | c | 8.40E-01 | c | 1.00E-02 | c | |
| | | | | 4.00E-02 | I | | | | | 1 | 0.13 | | ~Fluoranthene | 206-44-0 | 7.20E+03 | n | 9.00E+04 | n | 2.40E+03 | n | |
| | | | | 4.00E-02 | I | | | V | | 1 | 0.13 | | ~Fluorene | 86-73-7 | 7.20E+03 | n | 9.00E+04 | n | 8.80E+02 | n | |
| 1.00E-01 | E | 6.00E-05 | E | | | | | | M | 1 | 0.13 | | ~Indeno[1,2,3-cd]pyrene | 193-39-5 | 1.10E+02 | c | 2.10E+03 | c | 2.50E+01 | c | |
| 2.90E-02 | P | | | 7.00E-02 | A | | | V | | 1 | 0.13 | 3.94E+02 | ~Methylnaphthalene, 1- | 90-12-0 | 1.80E+03 | c**s | 7.30E+03 | c*s | 1.10E+02 | c* | |
| | | | | 4.00E-03 | I | | | V | | 1 | 0.13 | | ~Methylnaphthalene, 2- | 91-57-6 | 7.20E+02 | n | 9.00E+03 | n | 1.10E+02 | n | |
| | | 3.40E-05 | C | 2.00E-02 | I | 3.00E-03 | I | V | | 1 | 0.13 | | ~Naphthalene | 91-20-3 | 3.80E+02 | c** | 1.70E+03 | c** | 1.70E+01 | c** | |
| 1.20E+00 | C | 1.10E-04 | C | | | | | | | 1 | 0.13 | | ~Nitropyrene, 4- | 57835-92-4 | 4.20E+01 | c | 1.80E+02 | c | 1.90E+00 | c | |
| | | | | 3.00E-02 | I | | | V | | 1 | 0.13 | | ~Pyrene | 129-00-0 | 5.40E+03 | n | 6.80E+04 | n | 3.60E+02 | n | |
| | | | | 2.00E-02 | P | | | | | 1 | 0.1 | | Potassium Perfluorobutane Sulfonate | 29420-49-3 | 3.80E+03 | n | 4.90E+04 | n | 1.20E+03 | n | |
| 1.50E-01 | I | | | 9.00E-03 | I | | | | | 1 | 0.1 | | Prochloraz | 67747-09-5 | 3.60E+02 | c** | 1.50E+03 | c* | 3.80E+01 | c* | |
| | | | | 6.00E-03 | H | | | V | | 1 | | | Profluralin | 26399-36-0 | 1.40E+03 | n | 2.10E+04 | n | 7.80E+01 | n | |
| | | | | 1.50E-02 | I | | | | | 1 | 0.1 | | Prometon | 1610-18-0 | 2.80E+03 | n | 3.70E+04 | n | 7.60E+02 | n | |
| | | | | 4.00E-02 | O | | | | | 1 | 0.1 | | Prometryn | 7287-19-6 | 7.60E+03 | n | 9.80E+04 | n | 1.80E+03 | n | |
| | | | | 1.30E-02 | I | | | | | 1 | 0.1 | | Propachlor | 1918-16-7 | 2.50E+03 | n | 3.20E+04 | n | 7.40E+02 | n | |
| | | | | 5.00E-03 | I | | | | | 1 | 0.1 | | Propanil | 709-98-8 | 9.50E+02 | n | 1.20E+04 | n | 2.50E+02 | n | |
| 3.30E-02 | O | | | 4.00E-02 | O | | | | | 1 | 0.1 | | Propargite | 2312-35-8 | 1.70E+03 | c** | 7.00E+03 | c* | 9.20E+01 | c* | |
| | | | | 2.00E-03 | I | | | V | | 1 | | 1.11E+05 | Propargyl Alcohol | 107-19-7 | 4.70E+02 | n | 7.00E+03 | n | 1.20E+02 | n | |
| | | | | 2.00E-02 | I | | | | | 1 | 0.1 | | Propazine | 139-40-2 | 3.80E+03 | n | 4.90E+04 | n | 1.00E+03 | n | |
| | | | | 2.00E-02 | I | | | | | 1 | 0.1 | | Propham | 122-42-9 | 3.80E+03 | n | 4.90E+04 | n | 1.10E+03 | n | |
| | | | | 1.00E-01 | O | | | | | 1 | 0.1 | | Propiconazole | 60207-90-1 | 1.90E+04 | n | 2.50E+05 | nm | 4.80E+03 | n | |
| | | | | | | 8.00E-03 | I | V | | 1 | | 3.26E+04 | Propionaldehyde | 123-38-6 | 2.20E+02 | n | 9.40E+02 | n | 5.00E+01 | n | |
| | | | | 1.00E-01 | X | 1.00E+00 | X | V | | 1 | | 2.64E+02 | Propyl benzene | 103-65-1 | 1.10E+04 | ns | 7.30E+04 | ns | 2.00E+03 | n | |
| | | | | | | 3.00E+00 | C | V | | 1 | | 3.49E+02 | Propylene | 115-07-1 | 6.60E+03 | ns | 2.80E+04 | ns | 1.90E+04 | n | |
| | | | | 2.00E+01 | P | | | | | 1 | 0.1 | | Propylene Glycol | 57-55-6 | 3.80E+06 | nm | 4.90E+07 | nm | 1.20E+06 | n | |
| | | | | | | 2.70E-04 | A | | | 1 | 0.1 | | Propylene Glycol Dinitrate | 6423-43-4 | 1.20E+06 | nm | 4.90E+06 | nm | | | |
| | | | | 7.00E-01 | H | 2.00E+00 | I | V | | 1 | | 1.06E+05 | Propylene Glycol Monomethyl Ether | 107-98-2 | 1.20E+05 | nms | 1.10E+06 | nms | 9.60E+03 | n | |
| 2.40E-01 | I | 3.70E-06 | I | | | 3.00E-02 | I | V | | 1 | | 7.77E+04 | Propylene Oxide | 75-56-9 | 2.10E+02 | c** | 9.70E+02 | c** | 2.70E+01 | c** | |
| | | | | 7.50E-02 | I | | | | | 1 | 0.1 | | Propyzamide | 23950-58-5 | 1.40E+04 | n | 1.80E+05 | nm | 3.50E+03 | n | |
| | | | | 1.00E-03 | I | | | V | | 1 | | 5.30E+05 | Pyridine | 110-86-1 | 2.30E+02 | n | 3.50E+03 | n | 5.90E+01 | n | |
| | | | | 5.00E-04 | I | | | | | 1 | 0.1 | | Quinalphos | 13593-03-8 | 9.50E+01 | n | 1.20E+03 | n | 1.50E+01 | n | |
| 3.00E+00 | I | | | | | | | | | 1 | 0.1 | | Quinoline | 91-22-5 | 1.80E+01 | c | 7.70E+01 | c | 2.40E+00 | c | |
| | | | | 9.00E-03 | I | | | | | 1 | 0.1 | | Quizalofop-ethyl | 76578-14-8 | 1.70E+03 | n | 2.20E+04 | n | 3.70E+02 | n | |
| | | | | | | 3.00E-02 | A | | | 1 | | | Refractory Ceramic Fibers | E715557 | 1.30E+08 | nm | 5.40E+08 | nm | | | |
| | | | | 3.00E-02 | I | | | | | 1 | 0.1 | | Resmethrin | 10453-86-8 | 5.70E+03 | n | 7.40E+04 | n | 2.00E+02 | n | |
| | | | | 5.00E-02 | H | | | V | | 1 | | | Ronnel | 299-84-3 | 1.20E+04 | n | 1.80E+05 | nm | 1.20E+03 | n | |
| | | | | 4.00E-03 | I | | | | | 1 | 0.1 | | Rotenone | 83-79-4 | 7.60E+02 | n | 9.80E+03 | n | 1.80E+02 | n | |
| 2.20E-01 | C | 6.30E-05 | C | | | | | | M | 1 | 0.1 | | Safrole | 94-59-7 | 5.50E+01 | c | 1.00E+03 | c | 9.60E+00 | c | |
| | | | | 5.00E-03 | I | | | | | 1 | | | Selenious Acid | 7783-00-8 | 1.20E+03 | n | 1.80E+04 | n | 3.00E+02 | n | |
| | | | | 5.00E-03 | I | 2.00E-02 | C | | | 1 | | | Selenium | 7782-49-2 | 1.20E+03 | n | 1.80E+04 | n | 3.00E+02 | n | 5.0E+01 |
| | | | | 5.00E-03 | C | 2.00E-02 | C | | | 1 | | | Selenium Sulfide | 7446-34-6 | 1.20E+03 | n | 1.80E+04 | n | 3.00E+02 | n | |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Removal Levels | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | muta-gen | GIABS | ABS | $C_{sat}$ (mg/kg) | Analyte | CAS No. | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key | Tapwater (ug/L) | key | MCL (ug/L) |
| | | | | 1.40E-01 | O | | | | | 1 | 0.1 | | Sethoxydim | 74051-80-2 | 2.70E+04 | n | 3.40E+05 | nm | 4.80E+03 | n | |
| | | | | | | 3.00E-03 | C | | | 1 | | | Silica (crystalline, respirable) | 7631-86-9 | 1.30E+07 | nm | 5.40E+07 | nm | | | |
| | | | | 5.00E-03 | I | | | | | 0.04 | | | Silver | 7440-22-4 | 1.20E+03 | n | 1.80E+04 | n | 2.80E+02 | n | |
| 1.20E-01 | H | | | 5.00E-03 | I | | | | | 1 | 0.1 | | Simazine | 122-34-9 | 4.50E+02 | c** | 1.90E+03 | c** | 6.10E+01 | c** | 4.0E+00 |
| | | | | 1.30E-02 | I | | | | | 1 | 0.1 | | Sodium Acifluorfen | 62476-59-9 | 2.50E+03 | n | 3.20E+04 | n | 7.80E+02 | n | |
| | | | | 4.00E-03 | I | | | | | 1 | | | Sodium Azide | 26628-22-8 | 9.40E+02 | n | 1.40E+04 | n | 2.40E+02 | n | |
| 2.70E-01 | H | | | 3.00E-02 | I | | | | | 1 | 0.1 | | Sodium Diethyldithiocarbamate | 148-18-5 | 2.00E+02 | c* | 8.50E+02 | c* | 2.90E+01 | c* | |
| | | | | 5.00E-02 | A | 1.30E-02 | C | | | 1 | | | Sodium Fluoride | 7681-49-4 | 1.20E+04 | n | 1.80E+05 | nm | 3.00E+03 | n | |
| | | | | 2.00E-05 | I | | | | | 1 | 0.1 | | Sodium Fluoroacetate | 62-74-8 | 3.80E+00 | n | 4.90E+01 | n | 1.20E+00 | n | |
| | | | | 1.00E-03 | H | | | | | 1 | | | Sodium Metavanadate | 13718-26-8 | 2.30E+02 | n | 3.50E+03 | n | 6.00E+01 | n | |
| | | | | 8.00E-04 | P | | | | | 1 | | | Sodium Tungstate | 13472-45-2 | 1.90E+02 | n | 2.80E+03 | n | 4.80E+01 | n | |
| | | | | 8.00E-04 | P | | | | | 1 | | | Sodium Tungstate Dihydrate | 10213-10-2 | 1.90E+02 | n | 2.80E+03 | n | 4.80E+01 | n | |
| 2.40E-02 | H | | | 3.00E-02 | I | | | | | 1 | 0.1 | | Stirofos (Tetrachlorovinphos) | 961-11-5 | 2.30E+03 | c** | 9.60E+03 | c** | 2.80E+02 | c** | |
| | | | | 6.00E-01 | I | | | | | 1 | | | Strontium, Stable | 7440-24-6 | 1.40E+05 | nm | 2.10E+06 | nm | 3.60E+04 | n | |
| | | | | 3.00E-04 | I | | | | | 1 | 0.1 | | Strychnine | 57-24-9 | 5.70E+01 | n | 7.40E+02 | n | 1.80E+01 | n | |
| | | | | 2.00E-01 | I | 1.00E+00 | I | V | | 1 | | 8.67E+02 | Styrene | 100-42-5 | 1.80E+04 | ns | 1.00E+05 | nms | 3.60E+03 | n | 1.0E+02 |
| | | | | 3.00E-03 | P | | | | | 1 | 0.1 | | Styrene-Acrylonitrile (SAN) Trimer | | 5.70E+02 | n | 7.40E+03 | n | 1.40E+02 | n | |
| | | | | 1.00E-03 | P | 2.00E-03 | X | | | 1 | 0.1 | | Sulfolane | 126-33-0 | 1.90E+02 | n | 2.50E+03 | n | 6.00E+01 | n | |
| | | | | 8.00E-04 | P | | | | | 1 | 0.1 | | Sulfonylbis(4-chlorobenzene), 1,1'- | 80-07-9 | 1.50E+02 | n | 2.00E+03 | n | 3.30E+01 | n | |
| | | | | | | 1.00E-03 | C | V | | 1 | | | Sulfur Trioxide | 7446-11-9 | 4.30E+06 | nm | 1.80E+07 | nm | 6.30E+00 | n | |
| | | | | | | 1.00E-03 | C | | | 1 | | | Sulfuric Acid | 7664-93-9 | 4.30E+06 | nm | 1.80E+07 | nm | | | |
| 2.50E-02 | I | 7.10E-06 | I | 5.00E-02 | H | | | | | 1 | 0.1 | | Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester | 140-57-8 | 2.20E+03 | c** | 9.20E+03 | c* | 1.30E+02 | c* | |
| | | | | 3.00E-02 | H | | | | | 1 | 0.1 | | TCMTB | 21564-17-0 | 5.70E+03 | n | 7.40E+04 | n | 1.40E+03 | n | |
| | | | | 7.00E-02 | I | | | | | 1 | 0.1 | | Tebuthiuron | 34014-18-1 | 1.30E+04 | n | 1.70E+05 | nm | 4.10E+03 | n | |
| | | | | 2.00E-02 | H | | | | | 1 | 0.1 | | Temephos | 3383-96-8 | 3.80E+03 | n | 4.90E+04 | n | 1.20E+03 | n | |
| | | | | 1.30E-02 | I | | | | | 1 | 0.1 | | Terbacil | 5902-51-2 | 2.50E+03 | n | 3.20E+04 | n | 7.50E+02 | n | |
| | | | | 2.50E-05 | H | | | V | | 1 | | 3.09E+01 | Terbufos | 13071-79-9 | 5.90E+00 | n | 8.80E+01 | ns | 7.10E-01 | n | |
| | | | | 1.00E-03 | I | | | | | 1 | 0.1 | | Terbutryn | 886-50-0 | 1.90E+02 | n | 2.50E+03 | n | 4.00E+01 | n | |
| | | | | 1.00E-04 | I | | | | | 1 | 0.1 | | Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47) | 5436-43-1 | 1.90E+01 | n | 2.50E+02 | n | 6.00E+00 | n | |
| | | | | 3.00E-04 | I | | | V | | 1 | | | Tetrachlorobenzene, 1,2,4,5- | 95-94-3 | 7.00E+01 | n | 1.10E+03 | n | 5.10E+00 | n | |
| 2.60E-02 | I | 7.40E-06 | I | 3.00E-02 | I | | | V | | 1 | | 6.80E+02 | Tetrachloroethane, 1,1,1,2- | 630-20-6 | 2.00E+02 | c* | 8.80E+02 | cs | 5.70E+01 | c* | |
| 2.00E-01 | I | 5.80E-05 | C | 2.00E-02 | I | | | V | | 1 | | 1.90E+03 | Tetrachloroethane, 1,1,2,2- | 79-34-5 | 6.00E+01 | c* | 2.70E+02 | c | 7.60E+00 | c | |
| 2.10E-03 | I | 2.60E-07 | I | 6.00E-03 | I | 4.00E-02 | I | V | | 1 | | 1.66E+02 | Tetrachloroethylene | 127-18-4 | 2.40E+02 | ns | 1.20E+03 | ns | 1.20E+02 | n | 5.0E+00 |
| | | | | 3.00E-02 | I | | | | | 1 | 0.1 | | Tetrachlorophenol, 2,3,4,6- | 58-90-2 | 5.70E+03 | n | 7.40E+04 | n | 7.10E+02 | n | |
| 2.00E+01 | H | | | | | | | V | | 1 | | | Tetrachlorotoluene, p- alpha, alpha, alpha- | 5216-25-1 | 3.50E+00 | c | 1.60E+01 | c | 1.30E-01 | c | |
| | | | | 5.00E-04 | I | | | | | 1 | 0.1 | | Tetraethyl Dithiopyrophosphate | 3689-24-5 | 9.50E+01 | n | 1.20E+03 | n | 2.10E+01 | n | |
| | | | | | | 8.00E+01 | I | V | | 1 | | 2.05E+03 | Tetrafluoroethane, 1,1,1,2- | 811-97-2 | 3.10E+05 | nms | 1.30E+06 | nms | 5.00E+05 | n | |
| | | | | 2.00E-03 | P | | | | | 1 | 0.00065 | | Tetryl (Trinitrophenylmethylnitramine) | 479-45-8 | 4.70E+02 | n | 7.00E+03 | n | 1.20E+02 | n | |
| | | | | 2.00E-05 | S | | | | | 1 | | | Thallic Oxide | 1314-32-5 | 4.70E+00 | n | 7.00E+01 | n | 1.20E+00 | n | |
| | | | | 1.00E-05 | X | | | | | 1 | | | Thallium (I) Nitrate | 10102-45-1 | 2.30E+00 | n | 3.50E+01 | n | 6.00E-01 | n | |
| | | | | 1.00E-05 | X | | | | | 1 | | | Thallium (Soluble Salts) | 7440-28-0 | 2.30E+00 | n | 3.50E+01 | n | 6.00E-01 | n | 2.0E+00 |
| | | | | 1.00E-05 | X | | | V | | 1 | | | Thallium Acetate | 563-68-8 | 2.30E+00 | n | 3.50E+01 | n | 6.00E-01 | n | |
| | | | | 2.00E-05 | X | | | V | | 1 | | | Thallium Carbonate | 6533-73-9 | 4.70E+00 | n | 7.00E+01 | n | 1.20E+00 | n | |
| | | | | 1.00E-05 | X | | | | | 1 | | | Thallium Chloride | 7791-12-0 | 2.30E+00 | n | 3.50E+01 | n | 6.00E-01 | n | |
| | | | | 1.00E-05 | S | | | | | 1 | | | Thallium Selenite | 12039-52-0 | 2.30E+00 | n | 3.50E+01 | n | 6.00E-01 | n | |
| | | | | 2.00E-05 | X | | | | | 1 | | | Thallium Sulfate | 7446-18-6 | 4.70E+00 | n | 7.00E+01 | n | 1.20E+00 | n | |
| | | | | 4.30E-02 | O | | | | | 1 | 0.1 | | Thifensulfuron-methyl | 79277-27-3 | 8.20E+03 | n | 1.10E+05 | nm | 2.60E+03 | n | |
| | | | | 1.00E-02 | I | | | | | 1 | 0.1 | | Thiobencarb | 28249-77-6 | 1.90E+03 | n | 2.50E+04 | n | 4.80E+02 | n | |
| | | | | 7.00E-02 | X | | | | | 1 | 0.0075 | | Thiodiglycol | 111-48-8 | 1.60E+04 | n | 2.40E+05 | nm | 4.20E+03 | n | |
| | | | | 3.00E-04 | H | | | | | 1 | 0.1 | | Thiofanox | 39196-18-4 | 5.70E+01 | n | 7.40E+02 | n | 1.60E+01 | n | |
| 1.20E-02 | O | | | 2.70E-02 | O | | | | | 1 | 0.1 | | Thiophanate, Methyl | 23564-05-8 | 4.70E+03 | c** | 2.00E+04 | c** | 6.70E+02 | c** | |
| | | | | 1.50E-02 | O | | | | | 1 | 0.1 | | Thiram | 137-26-8 | 2.80E+03 | n | 3.70E+04 | n | 8.80E+02 | n | |
| | | | | 6.00E-01 | H | | | | | 1 | | | Tin | 7440-31-5 | 1.40E+05 | nm | 2.10E+06 | nm | 3.60E+04 | n | |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Removal Levels | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | muta-gen | GIABS | ABS | $C_{sat}$ (mg/kg) | Analyte | CAS No. | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key | Tapwater (ug/L) | key | MCL (ug/L) |
| | | | | | | 1.00E-04 | A | V | | 1 | | | Titanium Tetrachloride | 7550-45-0 | 4.30E+05 | nm | 1.80E+06 | nm | 6.30E-01 | n | |
| | | | | 8.00E-02 | I | 5.00E+00 | I | V | | 1 | | 8.18E+02 | Toluene | 108-88-3 | 1.50E+04 | ns | 1.40E+05 | nms | 3.30E+03 | n | 1.0E+03 |
| | | 1.10E-05 | C | | | 8.00E-06 | C | V | | 1 | | | Toluene-2,4-diisocyanate | 584-84-9 | 1.90E+01 | n | 8.00E+01 | n | 5.00E-02 | n | |
| 1.80E-01 | X | | | 2.00E-04 | X | | | | | 1 | 0.1 | | Toluene-2,5-diamine | 95-70-5 | 3.80E+01 | n | 4.90E+02 | n | 1.20E+01 | n | |
| | | 1.10E-05 | C | | | 8.00E-06 | C | V | | 1 | | 1.71E+03 | Toluene-2,6-diisocyanate | 91-08-7 | 1.60E+01 | n | 6.60E+01 | n | 5.00E-02 | n | |
| | | | | 5.00E-03 | P | | | | | 1 | 0.1 | | Toluic Acid, p- | 99-94-5 | 9.50E+02 | n | 1.20E+04 | n | 2.70E+02 | n | |
| 1.60E-02 | P | 5.10E-05 | C | | | | | | | 1 | 0.1 | | Toluidine, o- (Methylaniline, 2-) | 95-53-4 | 3.40E+03 | c | 1.40E+04 | c | 4.70E+02 | c | |
| 3.00E-02 | P | | | 4.00E-03 | X | | | | | 1 | 0.1 | | Toluidine, p- | 106-49-0 | 7.60E+02 | n | 7.70E+03 | c** | 2.30E+02 | n | |
| | | | | 3.00E+00 | P | | | V | | 1 | | 3.42E-01 | Total Petroleum Hydrocarbons (Aliphatic High) | E1790670 | 7.00E+05 | nms | 1.10E+07 | nms | 1.80E+05 | n | |
| | | | | | | 6.00E-01 | P | V | | 1 | | 1.41E+02 | Total Petroleum Hydrocarbons (Aliphatic Low) | E1790666 | 1.60E+03 | ns | 6.50E+03 | ns | 3.80E+03 | n | |
| | | | | 1.00E-02 | X | 1.00E-01 | P | V | | 1 | | 6.86E+00 | Total Petroleum Hydrocarbons (Aliphatic Medium) | E1790668 | 2.90E+02 | ns | 1.30E+03 | ns | 3.10E+02 | n | |
| | | | | 4.00E-02 | P | | | | | 1 | 0.1 | | Total Petroleum Hydrocarbons (Aromatic High) | E1790676 | 7.60E+03 | n | 9.80E+04 | n | 2.40E+03 | n | |
| | | | | 4.00E-03 | P | 3.00E-02 | P | V | | 1 | | 1.82E+03 | Total Petroleum Hydrocarbons (Aromatic Low) | E1790672 | 2.50E+02 | n | 1.30E+03 | n | 1.00E+02 | n | |
| | | | | 4.00E-03 | P | 3.00E-03 | P | V | | 1 | | | Total Petroleum Hydrocarbons (Aromatic Medium) | E1790674 | 3.20E+02 | n | 1.80E+03 | n | 1.60E+01 | n | |
| 1.10E+00 | I | 3.20E-04 | I | | | | | | | 1 | 0.1 | | Toxaphene | 8001-35-2 | 4.90E+01 | c | 2.10E+02 | c | 7.10E+00 | c | 3.0E+00 |
| | | | | 7.50E-03 | I | | | | | 1 | 0.1 | | Tralomethrin | 66841-25-6 | 1.40E+03 | n | 1.80E+04 | n | 4.50E+02 | n | |
| | | | | 3.00E-04 | A | | | V | | 1 | | | Tri-n-butyltin | 688-73-3 | 7.00E+01 | n | 1.10E+03 | n | 1.10E+01 | n | |
| | | | | 8.00E+01 | X | | | | | 1 | 0.1 | | Triacetin | 102-76-1 | 1.50E+07 | nm | 2.00E+08 | nm | 4.80E+06 | n | |
| | | | | 3.40E-02 | O | | | | | 1 | 0.1 | | Triadimefon | 43121-43-3 | 6.40E+03 | n | 8.40E+04 | n | 1.90E+03 | n | |
| 7.20E-02 | O | | | 2.50E-02 | O | | | V | | 1 | | | Triallate | 2303-17-5 | 9.70E+02 | c** | 4.60E+03 | c* | 4.70E+01 | c* | |
| | | | | 1.00E-02 | I | | | | | 1 | 0.1 | | Triasulfuron | 82097-50-5 | 1.90E+03 | n | 2.50E+04 | n | 6.00E+02 | n | |
| | | | | 8.00E-03 | I | | | | | 1 | 0.1 | | Tribenuron-methyl | 101200-48-0 | 1.50E+03 | n | 2.00E+04 | n | 4.70E+02 | n | |
| | | | | 5.00E-03 | I | | | V | | 1 | | | Tribromobenzene, 1,2,4- | 615-54-3 | 1.20E+03 | n | 1.80E+04 | n | 1.30E+02 | n | |
| | | | | 9.00E-03 | X | | | | | 1 | 0.1 | | Tribromophenol, 2,4,6- | 118-79-6 | 1.70E+03 | n | 2.20E+04 | n | 3.60E+02 | n | |
| 9.00E-03 | P | | | 1.00E-02 | P | | | | | 1 | 0.1 | | Tributyl Phosphate | 126-73-8 | 1.90E+03 | n | 2.50E+04 | n | 3.70E+02 | n | |
| | | | | 3.00E-04 | P | | | | | 1 | 0.1 | | Tributyltin Compounds | E1790678 | 5.70E+01 | n | 7.40E+02 | n | 1.80E+01 | n | |
| | | | | 3.00E-04 | I | | | | | 1 | 0.1 | | Tributyltin Oxide | 56-35-9 | 5.70E+01 | n | 7.40E+02 | n | 1.70E+01 | n | |
| | | | | 3.00E+01 | I | 5.00E+00 | P | V | | 1 | | 9.10E+02 | Trichloro-1,2,2-trifluoroethane, 1,1,2- | 76-13-1 | 2.00E+04 | ns | 8.40E+04 | ns | 3.10E+04 | n | |
| 7.00E-02 | I | | | 2.00E-02 | I | | | | | 1 | 0.1 | | Trichloroacetic Acid | 76-03-9 | 7.80E+02 | c** | 3.30E+03 | c* | 1.10E+02 | c* | 6.0E+01 |
| 2.90E-02 | H | | | | | | | | | 1 | 0.1 | | Trichloroaniline HCl, 2,4,6- | 33663-50-2 | 1.90E+03 | c | 7.90E+03 | c | 2.70E+02 | c | |
| 7.00E-03 | X | | | 3.00E-05 | X | | | | | 1 | 0.1 | | Trichloroaniline, 2,4,6- | 634-93-5 | 5.70E+00 | n | 7.40E+01 | n | 1.20E+00 | n | |
| | | | | 8.00E-04 | X | | | V | | 1 | | | Trichlorobenzene, 1,2,3- | 87-61-6 | 1.90E+02 | n | 2.80E+03 | n | 2.10E+01 | n | |
| 2.90E-02 | P | | | 1.00E-02 | I | 2.00E-03 | P | V | | 1 | | 4.04E+02 | Trichlorobenzene, 1,2,4- | 120-82-1 | 1.70E+02 | n | 7.70E+02 | ns | 1.20E+01 | n | 7.0E+01 |
| | | | | 2.00E+00 | I | 5.00E+00 | I | V | | 1 | | 6.40E+02 | Trichloroethane, 1,1,1- | 71-55-6 | 2.40E+04 | ns | 1.10E+05 | nms | 2.40E+04 | n | 2.0E+02 |
| 5.70E-02 | I | 1.60E-05 | I | 4.00E-03 | I | 2.00E-04 | X | V | | 1 | | 2.16E+03 | Trichloroethane, 1,1,2- | 79-00-5 | 4.50E+00 | n | 1.90E+01 | n | 1.20E+00 | n | 5.0E+00 |
| 4.60E-02 | I | 4.10E-06 | I | 5.00E-04 | I | 2.00E-03 | I | V | M | 1 | | 6.92E+02 | Trichloroethylene | 79-01-6 | 1.20E+01 | n | 5.60E+01 | n | 8.50E+00 | n | 5.0E+00 |
| | | | | 3.00E-01 | I | | | V | | 1 | | 1.23E+03 | Trichlorofluoromethane | 75-69-4 | 7.00E+04 | ns | 1.10E+06 | nms | 1.50E+04 | n | |
| | | | | 1.00E-01 | I | | | | | 1 | 0.1 | | Trichlorophenol, 2,4,5- | 95-95-4 | 1.90E+04 | n | 2.50E+05 | nm | 3.50E+03 | n | |
| 1.10E-02 | I | 3.10E-06 | I | 1.00E-03 | P | | | | | 1 | 0.1 | | Trichlorophenol, 2,4,6- | 88-06-2 | 1.90E+02 | n | 2.50E+03 | n | 3.60E+01 | n | |
| | | | | 1.00E-02 | I | | | | | 1 | 0.1 | | Trichlorophenoxyacetic Acid, 2,4,5- | 93-76-5 | 1.90E+03 | n | 2.50E+04 | n | 4.90E+02 | n | |
| | | | | 8.00E-03 | I | | | | | 1 | 0.1 | | Trichlorophenoxypropionic acid, -2,4,5 | 93-72-1 | 1.50E+03 | n | 2.00E+04 | n | 3.30E+02 | n | 5.0E+01 |
| | | | | 5.00E-03 | I | | | V | | 1 | | 1.28E+03 | Trichloropropane, 1,1,2- | 598-77-6 | 1.20E+03 | n | 1.80E+04 | ns | 2.70E+02 | n | |
| 3.00E+01 | I | | | 4.00E-03 | I | 3.00E-04 | I | V | M | 1 | | 1.40E+03 | Trichloropropane, 1,2,3- | 96-18-4 | 5.10E-01 | c* | 1.10E+01 | c** | 7.50E-02 | c* | |
| | | | | 3.00E-03 | X | 3.00E-04 | P | V | | 1 | | 3.11E+02 | Trichloropropene, 1,2,3- | 96-19-5 | 2.20E+00 | n | 9.20E+00 | n | 1.90E+00 | n | |
| | | | | 2.00E-02 | A | | | | | 1 | 0.1 | | Tricresyl Phosphate (TCP) | 1330-78-5 | 3.80E+03 | n | 4.90E+04 | n | 4.70E+02 | n | |
| | | | | 3.00E-03 | I | | | | | 1 | 0.1 | | Tridiphane | 58138-08-2 | 5.70E+02 | n | 7.40E+03 | n | 5.40E+01 | n | |
| | | | | | | 7.00E-03 | I | V | | 1 | | 2.79E+04 | Triethylamine | 121-44-8 | 3.50E+02 | n | 1.50E+03 | n | 4.40E+01 | n | |
| | | | | 2.00E+00 | P | | | | | 1 | 0.1 | | Triethylene Glycol | 112-27-6 | 3.80E+05 | nm | 4.90E+06 | nm | 1.20E+05 | n | |
| | | | | | | 2.00E+01 | P | V | | 1 | | 4.81E+03 | Trifluoroethane, 1,1,1- | 420-46-2 | 4.50E+04 | ns | 1.90E+05 | nms | 1.30E+05 | n | |
| 7.70E-03 | I | | | 7.50E-03 | I | | | V | | 1 | | | Trifluralin | 1582-09-8 | 1.80E+03 | n | 2.60E+04 | n | 1.20E+02 | n | |
| 2.00E-02 | P | | | 1.00E-02 | P | | | | | 1 | 0.1 | | Trimethyl Phosphate | 512-56-1 | 1.90E+03 | n | 1.10E+04 | c** | 3.90E+02 | c** | |
| | | | | 1.00E-02 | I | 6.00E-02 | I | V | | 1 | | 2.93E+02 | Trimethylbenzene, 1,2,3- | 526-73-8 | 1.00E+03 | ns | 6.10E+03 | ns | 1.60E+02 | n | |
| | | | | 1.00E-02 | I | 6.00E-02 | I | V | | 1 | | 2.19E+02 | Trimethylbenzene, 1,2,4- | 95-63-6 | 9.10E+02 | ns | 5.30E+03 | ns | 1.70E+02 | n | |

RML HQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Removal Levels | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | muta-gen | GIABS | ABS | $C_{sat}$ (mg/kg) | Analyte | CAS No. | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key | Tapwater (ug/L) | key | MCL (ug/L) |
| | | | | 1.00E-02 | I | 6.00E-02 | I | V | | 1 | | 1.82E+02 | Trimethylbenzene, 1,3,5- | 108-67-8 | 8.10E+02 | ns | 4.50E+03 | ns | 1.80E+02 | n | |
| | | | | 1.00E-02 | X | | | V | | 1 | | 2.96E+01 | Trimethylpentene, 2,4,4- | 25167-70-8 | 2.30E+03 | ns | 3.50E+04 | ns | 1.90E+02 | n | |
| | | | | 3.00E-02 | I | | | | | 1 | 0.019 | | Trinitrobenzene, 1,3,5- | 99-35-4 | 6.70E+03 | n | 9.70E+04 | n | 1.80E+03 | n | |
| 3.00E-02 | I | | | 5.00E-04 | I | | | | | 1 | 0.032 | | Trinitrotoluene, 2,4,6- | 118-96-7 | 1.10E+02 | n | 1.50E+03 | n | 2.90E+01 | n | |
| | | | | 2.00E-02 | P | | | | | 1 | 0.1 | | Triphenylphosphine Oxide | 791-28-6 | 3.80E+03 | n | 4.90E+04 | n | 1.10E+03 | n | |
| | | | | 2.00E-02 | A | | | | | 1 | 0.1 | | Tris(1,3-Dichloro-2-propyl) Phosphate | 13674-87-8 | 3.80E+03 | n | 4.90E+04 | n | 1.10E+03 | n | |
| | | | | 1.00E-02 | X | | | | | 1 | 0.1 | | Tris(1-chloro-2-propyl)phosphate | 13674-84-5 | 1.90E+03 | n | 2.50E+04 | n | 5.70E+02 | n | |
| 2.30E+00 | C | 6.60E-04 | C | | | | | V | | 1 | | 4.67E+02 | Tris(2,3-dibromopropyl)phosphate | 126-72-7 | 2.80E+01 | c | 1.30E+02 | c | 6.80E-01 | c | |
| 2.00E-02 | P | | | 7.00E-03 | P | | | | | 1 | 0.1 | | Tris(2-chloroethyl)phosphate | 115-96-8 | 1.30E+03 | n | 1.10E+04 | c** | 3.80E+02 | c** | |
| 3.20E-03 | P | | | 1.00E-01 | P | | | | | 1 | 0.1 | | Tris(2-ethylhexyl)phosphate | 78-42-2 | 1.70E+04 | c** | 7.20E+04 | c** | 2.40E+03 | c** | |
| | | | | 8.00E-04 | P | | | | | 1 | | | Tungsten | 7440-33-7 | 1.90E+02 | n | 2.80E+03 | n | 4.80E+01 | n | |
| | | | | 2.00E-04 | A | 4.00E-05 | A | | | 1 | | | Uranium (Soluble Salts) | E715565 | 4.70E+01 | n | 7.00E+02 | n | 1.20E+01 | n | 3.0E+01 |
| 1.00E+00 | C | 2.90E-04 | C | | | | | | M | 1 | 0.1 | | Urethane | 51-79-6 | 1.20E+01 | c | 2.30E+02 | c | 2.50E+00 | c | |
| | | 8.30E-03 | P | 9.00E-03 | I | 7.00E-06 | P | | | 0.026 | | | Vanadium Pentoxide | 1314-62-1 | 2.00E+03 | n | 2.50E+04 | n | 4.60E+02 | n | |
| | | | | 5.00E-03 | S | 1.00E-04 | A | | | 0.026 | | | Vanadium and Compounds | 7440-62-2 | 1.20E+03 | n | 1.70E+04 | n | 2.60E+02 | n | |
| | | | | 1.00E-03 | I | | | V | | 1 | | | Vernolate | 1929-77-7 | 2.30E+02 | n | 3.50E+03 | n | 3.30E+01 | n | |
| | | | | 1.20E-03 | O | | | | | 1 | 0.1 | | Vinclozolin | 50471-44-8 | 2.30E+02 | n | 3.00E+03 | n | 6.40E+01 | n | |
| | | | | 1.00E+00 | H | 2.00E-01 | I | V | | 1 | | 2.75E+03 | Vinyl Acetate | 108-05-4 | 2.70E+03 | n | 1.20E+04 | ns | 1.20E+03 | n | |
| | | 3.20E-05 | H | | | 3.00E-03 | I | V | | 1 | | 2.47E+03 | Vinyl Bromide | 593-60-2 | 1.20E+01 | c** | 5.20E+01 | c** | 1.80E+01 | c** | |
| 7.20E-01 | I | 4.40E-06 | I | 3.00E-03 | I | 1.00E-01 | I | V | M | 1 | | 3.92E+03 | Vinyl Chloride | 75-01-4 | 5.90E+00 | c* | 1.70E+02 | c** | 1.90E+00 | c* | 2.0E+00 |
| | | | | 3.00E-04 | I | | | | | 1 | 0.1 | | Warfarin | 81-81-2 | 5.70E+01 | n | 7.40E+02 | n | 1.70E+01 | n | |
| | | | | 2.00E-01 | S | 1.00E-01 | S | V | | 1 | | 3.90E+02 | Xylene, P- | 106-42-3 | 1.70E+03 | ns | 7.30E+03 | ns | 5.80E+02 | n | |
| | | | | 2.00E-01 | S | 1.00E-01 | S | V | | 1 | | 3.88E+02 | Xylene, m- | 108-38-3 | 1.70E+03 | ns | 7.10E+03 | ns | 5.80E+02 | n | |
| | | | | 2.00E-01 | S | 1.00E-01 | S | V | | 1 | | 4.34E+02 | Xylene, o- | 95-47-6 | 1.90E+03 | ns | 8.40E+03 | ns | 5.80E+02 | n | |
| | | | | 2.00E-01 | I | 1.00E-01 | I | V | | 1 | | 2.60E+02 | Xylenes | 1330-20-7 | 1.70E+03 | ns | 7.50E+03 | ns | 5.80E+02 | n | 1.0E+04 |
| | | | | 3.00E-04 | I | | | | | 1 | | | Zinc Phosphide | 1314-84-7 | 7.00E+01 | n | 1.10E+03 | n | 1.80E+01 | n | |
| | | | | 3.00E-01 | I | | | | | 1 | | | Zinc and Compounds | 7440-66-6 | 7.00E+04 | n | 1.10E+06 | nm | 1.80E+04 | n | |
| | | | | 5.00E-02 | I | | | | | 1 | 0.1 | | Zineb | 12122-67-7 | 9.50E+03 | n | 1.20E+05 | nm | 3.00E+03 | n | |
| | | | | 8.00E-05 | X | | | | | 1 | | | Zirconium | 7440-67-7 | 1.90E+01 | n | 2.80E+02 | n | 4.80E+00 | n | |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | muta-gen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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) |
| | | | | 1.2E-03 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Acephate | 30560-19-1 | | | | | 2.8E+02 | 1.2E+03 | | 2.3E+02 |
| | | 2.2E-06 | I | | | 9.0E-03 | I | V | | 1.1E+05 | 1.4E+09 | 8.7E+03 | 1 | | Acetaldehyde | 75-07-0 | | | 1.1E+03 | 1.1E+03 | | | 2.5E+02 | 2.5E+02 |
| | | | | 2.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Acetochlor | 34256-82-1 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 9.0E-01 | I | 3.1E+01 | A | V | | 1.1E+05 | 1.4E+09 | 1.4E+04 | 1 | | Acetone | 67-64-1 | | | | | 2.1E+05 | | 1.3E+06 | 1.8E+05 |
| | | | | | | 2.0E-03 | X | | | | 1.4E+09 | | 1 | 0.1 | Acetone Cyanohydrin | 75-86-5 | | | | | | | 8.5E+06 | 8.5E+06 |
| | | | | | | 6.0E-02 | I | V | | 1.3E+05 | 1.4E+09 | 1.3E+04 | 1 | | Acetonitrile | 75-05-8 | | | | | | | 2.4E+03 | 2.4E+03 |
| | | | | 1.0E-01 | I | | | V | | 2.5E+03 | 1.4E+09 | 6.0E+04 | 1 | | Acetophenone | 98-86-2 | | | | | 2.3E+04 | | | 2.3E+04 |
| 3.8E+00 | C | 1.3E-03 | C | | | | | | | | 1.4E+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 | | 2.3E+04 | 1.4E+09 | 6.9E+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 | | 1.4E+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 | 1.0E-03 | I | V | | 1.1E+05 | 1.4E+09 | 9.5E+04 | 1 | | Acrylic Acid | 79-10-7 | | | | | 1.2E+05 | | 3.0E+02 | 3.0E+02 |
| 5.4E-01 | I | 6.8E-05 | I | 4.0E-02 | A | 2.0E-03 | I | V | | 1.1E+04 | 1.4E+09 | 7.7E+03 | 1 | | Acrylonitrile | 107-13-1 | 1.3E+02 | | 3.2E+01 | 2.5E+01 | 9.4E+03 | | 4.8E+01 | 4.8E+01 |
| | | | | | | 6.0E-03 | P | | | | 1.4E+09 | | 1 | 0.1 | Adiponitrile | 111-69-3 | | | | | | | 2.6E+07 | 2.6E+07 |
| 5.6E-02 | C | | | 1.0E-02 | I | | | | | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Aldicarb | 116-06-3 | | | | | 2.3E+02 | 9.9E+02 | | 1.9E+02 |
| | | | | 1.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Aldicarb Sulfone | 1646-88-4 | | | | | 2.3E+02 | 9.9E+02 | | 1.9E+02 |
| | | | | | | | | | | | 1.4E+09 | | 1 | 0.1 | Aldicarb sulfoxide | 1646-87-3 | | | | | | | | |
| 1.7E+01 | I | 4.9E-03 | I | 3.0E-05 | I | | | V | | | 1.4E+09 | 1.7E+06 | 1 | | Aldrin | 309-00-2 | 4.1E+00 | | 9.8E+01 | 3.9E+00 | 7.0E+00 | | | 7.0E+00 |
| | | | | 5.0E-03 | I | 1.0E-04 | X | V | | 1.1E+05 | 1.4E+09 | 3.4E+04 | 1 | | Allyl Alcohol | 107-18-6 | | | | | 1.2E+03 | | 1.1E+01 | 1.1E+01 |
| 2.1E-02 | C | 6.0E-06 | C | | | 1.0E-03 | I | V | | 1.4E+03 | 1.4E+09 | 1.6E+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 | | | | 1.4E+09 | | 1 | | Aluminum | 7429-90-5 | | | | | 2.3E+05 | | 2.1E+07 | 2.3E+05 |
| | | | | 4.0E-04 | I | | | | | | 1.4E+09 | | 1 | | Aluminum Phosphide | 20859-73-8 | | | | | 9.4E+01 | | | 9.4E+01 |
| | | | | 9.0E-03 | I | | | | | | 1.4E+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 | | | | | | | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Aminophenol, m- | 591-27-5 | | | | | 1.9E+04 | 7.9E+04 | | 1.5E+04 |
| | | | | 4.0E-03 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Aminophenol, o- | 95-55-6 | | | | | 9.4E+02 | 4.0E+03 | | 7.6E+02 |
| | | | | 2.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Aminophenol, p- | 123-30-8 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 2.5E-03 | I | | | | | | 1.4E+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-01 | I | | | | | | 1.4E+09 | | 1 | | Ammonium Sulfamate | 7773-06-0 | | | | | 4.7E+04 | | | 4.7E+04 |
| | | | | | | 3.0E-03 | X | V | | 1.4E+04 | 1.4E+09 | 2.6E+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 | | | | 1.4E+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 | | | | | | 1.4E+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 | | | | | | 1.4E+09 | | 0.15 | | Antimony (metallic) | 7440-36-0 | | | | | 9.4E+01 | | | 9.4E+01 |
| | | | | 5.0E-04 | H | | | | | | 1.4E+09 | | 0.15 | | Antimony Pentoxide | 1314-60-9 | | | | | 1.2E+02 | | | 1.2E+02 |
| | | | | 4.0E-04 | H | | | | | | 1.4E+09 | | 0.15 | | Antimony Tetroxide | 1332-81-6 | | | | | 9.4E+01 | | | 9.4E+01 |
| | | | | | | 2.0E-04 | I | | | | 1.4E+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 | | | | 1.4E+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 | | | | 1.4E+09 | | 1 | | Arsine | 7784-42-1 | | | | | 8.2E-01 | | 2.1E+05 | 8.2E-01 |
| | | | | 3.6E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Asulam | 3337-71-1 | | | | | 8.4E+03 | 3.6E+04 | | 6.8E+03 |
| 2.3E-01 | C | | | 3.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Atrazine | 1912-24-9 | 3.0E+02 | 1.1E+03 | | 2.4E+02 | 8.2E+03 | 3.5E+04 | | 6.6E+03 |
| 8.8E-01 | C | 2.5E-04 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Auramine | 492-80-8 | 7.9E+01 | 2.8E+02 | 1.5E+06 | 6.2E+01 | | | | |
| | | | | 4.0E-04 | I | | | | | | 1.4E+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 | | | | 1.4E+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 | | | 1.4E+09 | 5.2E+05 | 1 | | Azobenzene | 103-33-3 | 6.3E+02 | | 4.7E+03 | 5.6E+02 | | | | |
| | | | | 1.0E+00 | P | 7.0E-06 | P | | | | 1.4E+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 | | | | 1.4E+09 | | 0.07 | | Barium | 7440-39-3 | | | | | 4.7E+04 | | 2.1E+06 | 4.6E+04 |
| | | | | 5.0E-03 | O | | | V | | | 1.4E+09 | 3.1E+05 | 1 | | Benfluralin | 1861-40-1 | | | | | 1.2E+03 | | | 1.2E+03 |
| | | | | 5.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Benomyl | 17804-35-2 | | | | | 1.2E+04 | 4.9E+04 | | 9.5E+03 |
| | | | | 2.0E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Bensulfuron-methyl | 83055-99-6 | | | | | 4.7E+04 | 2.0E+05 | | 3.8E+04 |
| | | | | 3.0E-02 | I | | | | | | 1.4E+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 | | 1.2E+03 | 1.4E+09 | 2.2E+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 | | 1.8E+03 | 1.4E+09 | 3.5E+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 | | | | | | 1.4E+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 | | 1.3E+03 | 1.4E+09 | 1.9E+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 | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Benzoic Acid | 65-85-0 | | | | | 9.4E+05 | 4.0E+06 | | 7.6E+05 |
| 1.3E+01 | I | | | | | | | V | | 3.2E+02 | 1.4E+09 | 6.8E+04 | 1 | | Benzotrichloride | 98-07-7 | 5.3E+00 | | | 5.3E+00 | | | | |
| | | | | 1.0E-01 | P | | | | | | 1.4E+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 | | 1.5E+03 | 1.4E+09 | 2.5E+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 | | | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Bifenox | 42576-02-3 | | | | | 2.1E+03 | 8.9E+03 | | 1.7E+03 |
| | | | | 1.5E-02 | I | | | | | | 1.4E+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 | | | 1.4E+09 | 1.1E+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 | | 1.0E+03 | 1.4E+09 | 3.5E+04 | 1 | | Bis(2-chloro-1-methylethyl) ether | 108-60-1 | | | | | 9.4E+03 | | | 9.4E+03 |
| | | | | 3.0E-03 | P | | | | | | 1.4E+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 | | 5.1E+03 | 1.4E+09 | 4.3E+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 | | 4.2E+03 | 1.4E+09 | 1.9E+03 | 1 | | Bis(chloromethyl)ether | 542-88-1 | 3.2E-01 | | 8.5E-03 | 8.3E-03 | | | | |
| | | | | 5.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Bisphenol A | 80-05-7 | | | | | 1.2E+04 | 4.9E+04 | | 9.5E+03 |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | muta-gen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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) |
| | | | | 2.0E-01 | I | 2.0E-02 | H | | | | 1.4E+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 | | | 1.4E+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 | | | 1.4E+09 | | 1 | | Boron Trifluoride | 7637-07-2 | | | | | 9.4E+03 | | 5.5E+07 | 9.4E+03 |
| 7.0E-01 | I | | | 4.0E-03 | I | | | | | | 1.4E+09 | | 1 | | Bromate | 15541-45-4 | 9.9E+01 | | | 9.9E+01 | 9.4E+02 | | | 9.4E+02 |
| 2.0E+00 | X | 6.0E-04 | X | | | | | V | | 2.4E+03 | 1.4E+09 | 5.9E+03 | 1 | | Bromo-2-chloroethane, 1- | 107-04-0 | 3.5E+01 | | 2.8E+00 | 2.6E+00 | | | | |
| | | | | 3.0E-04 | X | | | V | | 9.0E+02 | 1.4E+09 | 1.1E+04 | 1 | | Bromo-3-fluorobenzene, 1- | 1073-06-9 | | | | | 7.0E+01 | | | 7.0E+01 |
| | | | | 3.0E-04 | X | | | V | | 3.2E+02 | 1.4E+09 | 1.1E+04 | 1 | | Bromo-4-fluorobenzene, 1- | 460-00-4 | | | | | 7.0E+01 | | | 7.0E+01 |
| | | | | 8.0E-03 | I | 6.0E-02 | I | V | | 6.8E+02 | 1.4E+09 | 8.4E+03 | 1 | | Bromobenzene | 108-86-1 | | | | | 1.9E+03 | | 1.6E+03 | 8.6E+02 |
| | | | | | | 4.0E-02 | X | V | | 4.0E+03 | 1.4E+09 | 3.6E+03 | 1 | | Bromochloromethane | 74-97-5 | | | | | | | 4.5E+02 | 4.5E+02 |
| 6.2E-02 | I | 3.7E-05 | C | 2.0E-02 | I | | | V | | 9.3E+02 | 1.4E+09 | 4.0E+03 | 1 | | Bromodichloromethane | 75-27-4 | 1.1E+03 | | 3.0E+01 | 2.9E+01 | 4.7E+03 | | | 4.7E+03 |
| 7.9E-03 | I | 1.1E-06 | I | 2.0E-02 | I | | | V | | 9.2E+02 | 1.4E+09 | 9.7E+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 | | 3.6E+03 | 1.4E+09 | 1.4E+03 | 1 | | Bromomethane | 74-83-9 | | | | | 3.3E+02 | | 2.2E+01 | 2.1E+01 |
| | | | | 5.0E-03 | H | | | V | | | 1.4E+09 | 1.2E+05 | 1 | | Bromophos | 2104-96-3 | | | | | 1.2E+03 | | | 1.2E+03 |
| | | | | | | 1.0E-01 | A | V | | 9.7E+02 | 1.4E+09 | 2.1E+03 | 1 | | Bromopropane, 1- | 106-94-5 | | | | | | | 6.7E+02 | 6.7E+02 |
| 1.0E-01 | O | | | 1.5E-02 | O | | | | | | 1.4E+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 |
| | | | | 1.5E-02 | O | | | V | | | 1.4E+09 | 4.7E+05 | 1 | | Bromoxynil Octanoate | 1689-99-2 | | | | | 3.5E+03 | | | 3.5E+03 |
| 3.4E+00 | C | 3.0E-05 | I | | | 2.0E-03 | I | V | | 6.7E+02 | 1.4E+09 | 8.7E+02 | 1 | | Butadiene, 1,3- | 106-99-0 | 2.0E+01 | | 8.1E+00 | 5.8E+00 | | | 5.4E+00 | 5.4E+00 |
| | | | | 3.0E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Butanoic acid, 4-(2,4-dichlorophenoxy)- | 94-82-6 | | | | | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| | | | | 1.0E-01 | I | | | V | | 7.6E+03 | 1.4E+09 | 3.0E+04 | 1 | | Butanol, N- | 71-36-3 | | | | | 2.3E+04 | | | 2.3E+04 |
| | | | | 2.0E+00 | P | 3.0E+01 | P | V | | 2.1E+04 | 1.4E+09 | 2.9E+04 | 1 | | Butyl alcohol, sec- | 78-92-2 | | | | | 4.7E+05 | | 2.7E+06 | 4.0E+05 |
| | | | | 5.0E-02 | I | | | V | | | 1.4E+09 | 8.6E+04 | 1 | | Butylate | 2008-41-5 | | | | | 1.2E+04 | | | 1.2E+04 |
| 2.0E-04 | C | 5.7E-08 | C | | | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | 1.1E+02 | 1.4E+09 | 8.1E+03 | 1 | | Butylbenzene, n- | 104-51-8 | | | | | 1.2E+04 | | | 1.2E+04 |
| | | | | 1.0E-01 | X | | | V | | 1.5E+02 | 1.4E+09 | 7.4E+03 | 1 | | Butylbenzene, sec- | 135-98-8 | | | | | 2.3E+04 | | | 2.3E+04 |
| | | | | 1.0E-01 | X | | | V | | 1.8E+02 | 1.4E+09 | 7.4E+03 | 1 | | Butylbenzene, tert- | 98-06-6 | | | | | 2.3E+04 | | | 2.3E+04 |
| | | | | 2.0E-02 | A | | | | | | 1.4E+09 | | 1 | 0.1 | Cacodylic Acid | 75-60-5 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | 1.8E-03 | I | 1.0E-03 | I | 1.0E-05 | A | | | | 1.4E+09 | | 0.025 | 0.001 | Cadmium (Diet) | 7440-43-9 | | | 2.1E+05 | 2.1E+05 | 2.3E+02 | 2.5E+03 | 4.3E+04 | 2.1E+02 |
| | | 1.8E-03 | I | 5.0E-04 | I | 1.0E-05 | A | | | | | | 0.05 | 0.001 | Cadmium (Water) | 7440-43-9 | | | | | | | | |
| | | | | 5.0E-01 | I | 2.2E-03 | C | | | | 1.4E+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 | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Carbaryl | 63-25-2 | | | | | 2.3E+04 | 9.9E+04 | | 1.9E+04 |
| | | | | 5.0E-03 | I | | | | | | 1.4E+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 | | 7.4E+02 | 1.4E+09 | 1.2E+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 | | 4.6E+02 | 1.4E+09 | 1.5E+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 | | 5.9E+03 | 1.4E+09 | 6.5E+02 | 1 | | Carbonyl Sulfide | 463-58-1 | | | | | | | 2.0E+02 | 2.0E+02 |
| | | | | 1.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Carbosulfan | 55285-14-8 | | | | | 2.3E+03 | 9.9E+03 | | 1.9E+03 |
| | | | | 1.0E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Carboxin | 5234-68-4 | | | | | 2.3E+04 | 9.9E+04 | | 1.9E+04 |
| | | | | | | 9.0E-04 | I | | | | 1.4E+09 | | 1 | | Ceric oxide | 1306-38-3 | | | | | | | 3.8E+06 | 3.8E+06 |
| | | | | 1.0E-01 | I | | | V | | | 1.4E+09 | 1.5E+05 | 1 | | Chloral Hydrate | 302-17-0 | | | | | 2.3E+04 | | | 2.3E+04 |
| | | | | 1.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Chloramben | 133-90-4 | | | | | 3.5E+03 | 1.5E+04 | | 2.8E+03 |
| 4.0E-01 | H | | | | | | | | | | 1.4E+09 | | 1 | 0.1 | Chloranil | 118-75-2 | 1.7E+02 | 6.1E+02 | | 1.3E+02 | | | | |
| 3.5E-01 | I | 1.0E-04 | I | 5.0E-04 | I | 7.0E-04 | I | V | | | 1.4E+09 | 1.5E+06 | 1 | 0.04 | Chlordane | 12789-03-6 | 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 | | | | | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorfenvinphos | 470-90-6 | | | | | 1.6E+02 | 6.9E+02 | | 1.3E+02 |
| | | | | 9.0E-02 | O | | | | | | 1.4E+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 | | 2.8E+03 | 1.4E+09 | 1.2E+03 | 1 | | Chlorine | 7782-50-5 | | | | | 2.3E+04 | | 5.5E-01 | 5.5E-01 |
| | | | | 3.0E-02 | I | 2.0E-04 | I | V | | | 1.4E+09 | | 1 | | Chlorine Dioxide | 10049-04-4 | | | | | 7.0E+03 | | 8.5E+05 | 7.0E+03 |
| | | | | 3.0E-02 | I | | | | | | 1.4E+09 | | 1 | | Chlorite (Sodium Salt) | 7758-19-2 | | | | | 7.0E+03 | | | 7.0E+03 |
| | | | | | | 5.0E+01 | I | V | | 1.2E+03 | 1.4E+09 | 1.0E+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 | | 7.9E+02 | 1.4E+09 | 1.1E+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 | | | | | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | 1.2E+04 | 1.4E+09 | 1.6E+04 | 1 | | Chloroacetaldehyde, 2- | 107-20-0 | 2.6E+02 | | | 2.6E+02 | | | | |
| | | | | | | | | | | | 1.4E+09 | | 1 | 0.1 | Chloroacetic Acid | 79-11-8 | | | | | | | | |
| | | | | | | 3.0E-05 | I | | | | 1.4E+09 | | 1 | 0.1 | Chloroacetophenone, 2- | 532-27-4 | | | | | | | 1.3E+05 | 1.3E+05 |
| 2.0E-01 | P | | | 4.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Chloroaniline, p- | 106-47-8 | 3.5E+02 | 1.2E+03 | | 2.7E+02 | 9.4E+02 | 4.0E+03 | | 7.6E+02 |
| | | | | 2.0E-02 | I | 5.0E-02 | P | V | | 7.6E+02 | 1.4E+09 | 6.4E+03 | 1 | | Chlorobenzene | 108-90-7 | | | | | 4.7E+03 | | 1.0E+03 | 8.3E+02 |
| | | | | 1.0E-01 | X | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorobenzoic Acid, p- | 74-11-3 | | | | | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| | | | | 3.0E-03 | P | 3.0E-01 | P | V | | 2.9E+02 | 1.4E+09 | 6.8E+03 | 1 | | Chlorobenzotrifluoride, 4- | 98-56-6 | | | | | 7.0E+02 | | 6.3E+03 | 6.3E+02 |
| | | | | 4.0E-02 | P | | | V | | 7.3E+02 | 1.4E+09 | 1.8E+03 | 1 | | Chlorobutane, 1- | 109-69-3 | | | | | 9.4E+03 | | | 9.4E+03 |
| | | | | | | 5.0E+01 | I | V | | 1.7E+03 | 1.4E+09 | 9.4E+02 | 1 | | Chlorodifluoromethane | 75-45-6 | | | | | | | 1.5E+05 | 1.5E+05 |
| | | | | 2.0E-02 | P | | | V | | 1.1E+05 | 1.4E+09 | 7.8E+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 | | 2.5E+03 | 1.4E+09 | 2.6E+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 | | 1.3E+03 | 1.4E+09 | 1.2E+03 | 1 | | Chloromethane | 74-87-3 | | | | | | | 3.3E+02 | 3.3E+02 |
| 2.4E+00 | C | 6.9E-04 | C | | | | | V | | 9.3E+03 | 1.4E+09 | 5.3E+03 | 1 | | Chloromethyl Methyl Ether | 107-30-2 | 2.9E+01 | | 2.2E+00 | 2.0E+00 | | | | |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | muta-gen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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-01 | P | | | 3.0E-03 | P | 1.0E-05 | X | | | | 1.4E+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 | | | | 1.4E+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 | | 2.7E+04 | 1.4E+09 | 1.4E+05 | 1 | | Chlorophenol, 2- | 95-57-8 | | | | | 1.2E+03 | | | 1.2E+03 |
| | | | | | | 4.0E-04 | C | V | | 6.2E+02 | 1.4E+09 | 4.7E+03 | 1 | | Chloropicrin | 76-06-2 | | | | | | | 5.9E+00 | 5.9E+00 |
| 3.1E-03 | C | 8.9E-07 | C | 1.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorothalonil | 1897-45-6 | 2.2E+04 | 8.0E+04 | 4.3E+08 | 1.8E+04 | 3.5E+03 | 1.5E+04 | | 2.8E+03 |
| | | | | 2.0E-02 | I | | | V | | 9.1E+02 | 1.4E+09 | 8.1E+03 | 1 | | Chlorotoluene, o- | 95-49-8 | | | | | 4.7E+03 | | | 4.7E+03 |
| | | | | 2.0E-02 | X | | | V | | 2.5E+02 | 1.4E+09 | 7.3E+03 | 1 | | Chlorotoluene, p- | 106-43-4 | | | | | 4.7E+03 | | | 4.7E+03 |
| 2.4E+02 | C | 6.9E-02 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorozotocin | 54749-90-5 | 2.9E-01 | 1.0E+00 | 5.5E+03 | 2.3E-01 | | | | |
| | | | | 5.0E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorpropham | 101-21-3 | | | | | 1.2E+04 | 4.9E+04 | | 9.5E+03 |
| | | | | 1.0E-03 | A | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorpyrifos | 2921-88-2 | | | | | 2.3E+02 | 9.9E+02 | | 1.9E+02 |
| | | | | 1.0E-02 | H | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorpyrifos Methyl | 5598-13-0 | | | | | 2.3E+03 | 9.9E+03 | | 1.9E+03 |
| | | | | 2.0E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorsulfuron | 64902-72-3 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 1.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorthal-dimethyl | 1861-32-1 | | | | | 2.3E+03 | 9.9E+03 | | 1.9E+03 |
| | | | | 8.0E-04 | H | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorthiophos | 60238-56-4 | | | | | 1.9E+02 | 7.9E+02 | | 1.5E+02 |
| | | | | 1.5E+00 | I | | | | | | 1.4E+09 | | 0.013 | | Chromium(III), Insoluble Salts | 16065-83-1 | | | | | 3.5E+05 | | | 3.5E+05 |
| 5.0E-01 | C | 8.4E-02 | S | 3.0E-03 | I | 1.0E-04 | I | | M | | 1.4E+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 |
| | | | | | | | | | | | 1.4E+09 | | 0.013 | | Chromium, Total | 7440-47-3 | | | | | | | | |
| | | | | 1.3E-02 | I | | | | | | 1.4E+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 | | | | 1.4E+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 | 8007-45-2 | | | | | | | | |
| | | | | 4.0E-02 | H | | | | | | 1.4E+09 | | 1 | | Copper | 7440-50-8 | | | | | 9.4E+03 | | | 9.4E+03 |
| | | | | 5.0E-02 | I | 6.0E-01 | C | | | | 1.4E+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 | | | | 1.4E+09 | | 1 | 0.1 | Cresol, o- | 95-48-7 | | | | | 1.2E+04 | 4.9E+04 | 2.6E+09 | 9.5E+03 |
| | | | | 1.0E-01 | A | 6.0E-01 | C | | | | 1.4E+09 | | 1 | 0.1 | Cresol, p- | 106-44-5 | | | | | 2.3E+04 | 9.9E+04 | 2.6E+09 | 1.9E+04 |
| | | | | 1.0E-01 | A | | | | | | 1.4E+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 | | | | 1.4E+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 | | 1.7E+04 | 1.4E+09 | 1.9E+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 | | 2.7E+02 | 1.4E+09 | 6.2E+03 | 1 | | Cumene | 98-82-8 | | | | | 2.3E+04 | | 7.8E+03 | 5.8E+03 |
| 2.2E-01 | C | 6.3E-05 | C | | | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | | ~Calcium Cyanide | 592-01-8 | | | | | 2.3E+02 | | | 2.3E+02 |
| | | | | 5.0E-03 | I | | | | | | 1.4E+09 | | 1 | | ~Copper Cyanide | 544-92-3 | | | | | 1.2E+03 | | | 1.2E+03 |
| | | | | 6.0E-04 | I | 8.0E-04 | S | V | | 9.5E+05 | 1.4E+09 | 5.3E+04 | 1 | | ~Cyanide (CN-) | 57-12-5 | | | | | 1.4E+02 | | 1.3E+02 | 6.9E+01 |
| | | | | 1.0E-03 | I | | | V | | | 1.4E+09 | | 1 | | ~Cyanogen | 460-19-5 | | | | | 2.3E+02 | | | 2.3E+02 |
| | | | | 9.0E-02 | I | | | V | | | 1.4E+09 | | 1 | | ~Cyanogen Bromide | 506-68-3 | | | | | 2.1E+04 | | | 2.1E+04 |
| | | | | 5.0E-02 | I | | | V | | | 1.4E+09 | | 1 | | ~Cyanogen Chloride | 506-77-4 | | | | | 1.2E+04 | | | 1.2E+04 |
| | | | | 6.0E-04 | I | 8.0E-04 | I | V | | 1.0E+07 | 1.4E+09 | 5.2E+04 | 1 | | ~Hydrogen Cyanide | 74-90-8 | | | | | 1.4E+02 | | 1.3E+02 | 6.8E+01 |
| | | | | 2.0E-03 | I | | | | | | 1.4E+09 | | 1 | | ~Potassium Cyanide | 151-50-8 | | | | | 4.7E+02 | | | 4.7E+02 |
| | | | | 5.0E-03 | I | | | | | | 1.4E+09 | | 0.04 | | ~Potassium Silver Cyanide | 506-61-6 | | | | | 1.2E+03 | | | 1.2E+03 |
| | | | | 1.0E-01 | I | | | | | | 1.4E+09 | | 0.04 | | ~Silver Cyanide | 506-64-9 | | | | | 2.3E+04 | | | 2.3E+04 |
| | | | | 1.0E-03 | I | | | | | | 1.4E+09 | | 1 | | ~Sodium Cyanide | 143-33-9 | | | | | 2.3E+02 | | | 2.3E+02 |
| | | | | 2.0E-04 | P | | | | | | 1.4E+09 | | 1 | | ~Thiocyanates | E1790664 | | | | | 4.7E+01 | | | 4.7E+01 |
| | | | | 2.0E-04 | X | | | V | | | 1.4E+09 | | 1 | | ~Thiocyanic Acid | 463-56-9 | | | | | 4.7E+01 | | | 4.7E+01 |
| | | | | 5.0E-02 | I | | | | | | 1.4E+09 | | 1 | | ~Zinc Cyanide | 557-21-1 | | | | | 1.2E+04 | | | 1.2E+04 |
| | | | | | | 6.0E+00 | I | V | | 1.2E+02 | 1.4E+09 | 1.0E+03 | 1 | | Cyclohexane | 110-82-7 | | | | | | | 2.0E+04 | 2.0E+04 |
| 2.0E-02 | X | | | 2.0E-02 | X | | | | | | 1.4E+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 | | 5.1E+03 | 1.4E+09 | 4.2E+04 | 1 | | Cyclohexanone | 108-94-1 | | | | | 1.2E+06 | | 9.1E+04 | 8.5E+04 |
| | | | | 5.0E-03 | P | 1.0E+00 | X | V | | 2.8E+02 | 1.4E+09 | 1.5E+03 | 1 | | Cyclohexene | 110-83-8 | | | | | 1.2E+03 | | 4.6E+03 | 9.3E+02 |
| | | | | 2.0E-01 | I | | | V | | 2.9E+05 | 1.4E+09 | 7.5E+04 | 1 | | Cyclohexylamine | 108-91-8 | | | | | 4.7E+04 | | | 4.7E+04 |
| | | | | 2.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Cyfluthrin | 68359-37-5 | | | | | 5.9E+03 | 2.5E+04 | | 4.7E+03 |
| | | | | 1.0E-03 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Cyhalothrin | 68085-85-8 | | | | | 2.3E+02 | 9.9E+02 | | 1.9E+02 |
| | | | | 6.0E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Cypermethrin | 52315-07-8 | | | | | 1.4E+04 | 5.9E+04 | | 1.1E+04 |
| | | | | 1.5E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Cyromazine | 66215-27-8 | | | | | 3.5E+03 | 1.5E+04 | | 2.8E+03 |
| 2.4E-01 | I | 6.9E-05 | C | 3.0E-05 | X | | | | | | 1.4E+09 | | 1 | 0.1 | DDD, p,p'- (DDD) | 72-54-8 | 2.9E+02 | 1.0E+03 | 5.5E+06 | 2.3E+02 | 7.0E+00 | 3.0E+01 | | 5.7E+00 |
| 3.4E-01 | I | 9.7E-05 | C | 3.0E-04 | X | | | V | | | 1.4E+09 | 2.1E+06 | 1 | | DDE, p,p'- | 72-55-9 | 2.0E+02 | | 6.1E+03 | 2.0E+02 | 7.0E+01 | | | 7.0E+01 |
| 3.4E-01 | I | 9.7E-05 | I | 5.0E-04 | I | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | | | | | | | | | 1.4E+09 | | 1 | 0.1 | Diallate | 2303-16-4 | 1.1E+03 | 4.1E+03 | | 8.9E+02 | | | | |
| | | | | 7.0E-04 | A | | | | | | 1.4E+09 | | 1 | 0.1 | Diazinon | 333-41-5 | | | | | 1.6E+02 | 6.9E+02 | | 1.3E+02 |
| | | | | 1.0E-02 | X | | | V | | | 1.4E+09 | 5.2E+05 | 1 | | Dibenzothiophene | 132-65-0 | | | | | 2.3E+03 | | | 2.3E+03 |
| 8.0E-01 | P | 6.0E-03 | P | 2.0E-04 | P | 2.0E-04 | I | V | M | 9.8E+02 | 1.4E+09 | 3.2E+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 |
| | | | | 4.0E-04 | X | | | V | | 1.6E+02 | 1.4E+09 | 1.9E+04 | 1 | | Dibromobenzene, 1,3- | 108-36-1 | | | | | 9.4E+01 | | | 9.4E+01 |
| | | | | 1.0E-02 | I | | | V | | | 1.4E+09 | 2.2E+04 | 1 | | Dibromobenzene, 1,4- | 106-37-6 | | | | | 2.3E+03 | | | 2.3E+03 |
| 8.4E-02 | I | | | 2.0E-02 | I | | | V | | 8.0E+02 | 1.4E+09 | 7.9E+03 | 1 | | Dibromochloromethane | 124-48-1 | 8.3E+02 | | | 8.3E+02 | 4.7E+03 | | | 4.7E+03 |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | muta-gen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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) |
| 2.0E+00 | I | 6.0E-04 | I | 9.0E-03 | I | 9.0E-03 | I | V | | 1.3E+03 | 1.4E+09 | 8.6E+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 | | 2.8E+03 | 1.4E+09 | 5.6E+03 | 1 | | Dibromomethane (Methylene Bromide) | 74-95-3 | | | | | | | 7.1E+01 | 7.1E+01 |
| | | | | 3.0E-04 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Dibutyltin Compounds | E1790660 | | | | | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| | | | | 3.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Dicamba | 1918-00-9 | | | | | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| | | 4.2E-03 | P | | | | | V | | 5.5E+02 | 1.4E+09 | 3.2E+03 | 1 | | Dichloro-2-butene, 1,4- | 764-41-0 | | | 2.1E-01 | 2.1E-01 | | | | |
| | | 4.2E-03 | P | | | | | V | | 5.2E+02 | 1.4E+09 | 1.1E+04 | 1 | | Dichloro-2-butene, cis-1,4- | 1476-11-5 | | | 7.4E-01 | 7.4E-01 | | | | |
| | | 4.2E-03 | P | | | | | V | | 7.6E+02 | 1.4E+09 | 1.1E+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 | | | | | | 1.4E+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 | | 3.8E+02 | 1.4E+09 | 1.2E+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 | | | 1.4E+09 | 1.0E+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 | | | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | 8.5E+02 | 1.4E+09 | 8.4E+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 | | 1.7E+03 | 1.4E+09 | 2.1E+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 | | 3.0E+03 | 1.4E+09 | 4.6E+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 | | 1.2E+03 | 1.4E+09 | 1.2E+03 | 1 | | Dichloroethylene, 1,1- | 75-35-4 | | | | | 1.2E+04 | | 7.2E+02 | 6.8E+02 |
| | | | | 2.0E-03 | I | | | V | | 2.4E+03 | 1.4E+09 | 2.5E+03 | 1 | | Dichloroethylene, 1,2-cis- | 156-59-2 | | | | | 4.7E+02 | | | 4.7E+02 |
| | | | | 2.0E-02 | I | | | V | | 1.9E+03 | 1.4E+09 | 1.7E+03 | 1 | | Dichloroethylene, 1,2-trans- | 156-60-5 | | | | | 4.7E+03 | | | 4.7E+03 |
| | | | | 3.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Dichlorophenol, 2,4- | 120-83-2 | | | | | 7.0E+02 | 3.0E+03 | | 5.7E+02 |
| | | | | 1.0E-02 | I | | | | | | 1.4E+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 | | 1.4E+03 | 1.4E+09 | 3.8E+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 | | 1.5E+03 | 1.4E+09 | 6.8E+03 | 1 | | Dichloropropane, 1,3- | 142-28-9 | | | | | 4.7E+03 | | | 4.7E+03 |
| | | | | 3.0E-03 | I | | | | | | 1.4E+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 | | 1.6E+03 | 1.4E+09 | 3.6E+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 | | | | 1.4E+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 |
| | | | | 7.0E-05 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Dicrotophos | 141-66-2 | | | | | 1.6E+01 | 6.9E+01 | | 1.3E+01 |
| | | | | 8.0E-02 | P | 3.0E-04 | X | V | | 2.6E+02 | 1.4E+09 | 4.1E+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 | | | | | | 1.4E+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 | | | | 1.4E+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 | | | | 1.4E+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 | | | | 1.4E+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 | | 1.1E+05 | 1.4E+09 | 1.4E+05 | 1 | | Diethylformamide | 617-84-5 | | | | | 2.3E+02 | | | 2.3E+02 |
| 3.5E+02 | C | 1.0E-01 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Diethylstilbestrol | 56-53-1 | 2.0E-01 | 7.1E-01 | 3.8E+03 | 1.6E-01 | | | | |
| | | | | 8.3E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Difenzoquat | 43222-48-6 | | | | | 1.9E+04 | 8.2E+04 | | 1.6E+04 |
| | | | | 2.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Diflubenzuron | 35367-38-5 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | | | 4.0E+01 | I | V | | 1.4E+03 | 1.4E+09 | 1.1E+03 | 1 | | Difluoroethane, 1,1- | 75-37-6 | | | | | | | 1.4E+05 | 1.4E+05 |
| | | | | | | 3.0E+01 | X | V | | 6.9E+02 | 1.4E+09 | 7.6E+02 | 1 | | Difluoropropane, 2,2- | 420-45-1 | | | | | | | 7.1E+04 | 7.1E+04 |
| 4.4E-02 | C | 1.3E-05 | C | | | | | V | | | 1.4E+09 | 1.2E+05 | 1 | | Dihydrosafrole | 94-58-6 | 1.6E+03 | | 2.7E+03 | 9.9E+02 | | | | |
| | | | | | | 7.0E-01 | P | V | | 2.3E+03 | 1.4E+09 | 3.1E+03 | 1 | | Diisopropyl Ether | 108-20-3 | | | | | | | 6.7E+03 | 6.7E+03 |
| | | | | 8.0E-02 | I | | | V | | 5.3E+02 | 1.4E+09 | 3.8E+04 | 1 | | Diisopropyl Methylphosphonate | 1445-75-6 | | | | | 1.9E+04 | | | 1.9E+04 |
| | | | | 2.2E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Dimethipin | 55290-64-7 | | | | | 5.1E+03 | 2.2E+04 | | 4.1E+03 |
| | | | | 2.2E-03 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Dimethoate | 60-51-5 | | | | | 5.2E+02 | 2.2E+03 | | 4.2E+02 |
| 1.6E+00 | P | | | | | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | | | | | | | 1.4E+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 | | | | | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | 8.3E+02 | 1.4E+09 | 3.1E+04 | 1 | | Dimethylaniline, N,N- | 121-69-7 | 2.6E+03 | | | 2.6E+03 | 4.7E+02 | | | 4.7E+02 |
| 1.1E+01 | P | | | | | | | | | | 1.4E+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 | | 1.1E+05 | 1.4E+09 | 1.3E+05 | 1 | | Dimethylformamide | 68-12-2 | | | | | 2.3E+04 | | 1.2E+04 | 7.9E+03 |
| | | | | 1.0E-04 | X | 2.0E-06 | X | V | | 1.7E+05 | 1.4E+09 | 2.8E+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 | | 1.9E+05 | 1.4E+09 | 1.7E+05 | 1 | | Dimethylhydrazine, 1,2- | 540-73-8 | 1.3E-01 | | 2.9E-01 | 8.8E-02 | | | | |
| | | | | 2.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Dimethylphenol, 2,4- | 105-67-9 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 6.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Dimethylphenol, 2,6- | 576-26-1 | | | | | 1.4E+02 | 5.9E+02 | | 1.1E+02 |
| | | | | 1.0E-03 | I | | | | | | 1.4E+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 | | 4.7E+02 | 1.4E+09 | 5.5E+03 | 1 | | Dimethylvinylchloride | 513-37-1 | 1.5E+03 | | 1.2E+02 | 1.1E+02 | | | | |
| | | | | 8.0E-05 | X | | | | | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Dinitro-o-cyclohexyl Phenol, 4,6- | 131-89-5 | | | | | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| | | | | 1.0E-04 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Dinitrobenzene, 1,2- | 528-29-0 | | | | | 2.3E+01 | 9.9E+01 | | 1.9E+01 |
| | | | | 1.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Dinitrobenzene, 1,3- | 99-65-0 | | | | | 2.3E+01 | 9.9E+01 | | 1.9E+01 |
| | | | | 1.0E-04 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Dinitrobenzene, 1,4- | 100-25-4 | | | | | 2.3E+01 | 9.9E+01 | | 1.9E+01 |
| | | | | 2.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Dinitrophenol, 2,4- | 51-28-5 | | | | | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| 6.8E-01 | I | | | | | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | | | | | 1.4E+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 |
| | | | | 2.0E-03 | S | | | | | | 1.4E+09 | | 1 | 0.006 | Dinitrotoluene, 2-Amino-4,6- | 35572-78-2 | | | | | 4.7E+02 | 3.3E+04 | | 4.6E+02 |
| | | | | 2.0E-03 | S | | | | | | 1.4E+09 | | 1 | 0.009 | Dinitrotoluene, 4-Amino-2,6- | 19406-51-0 | | | | | 4.7E+02 | 2.2E+04 | | 4.6E+02 |
| 4.5E-01 | X | | | 9.0E-04 | X | | | | | | 1.4E+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 |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | muta-gen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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-03 | I | | | | | | 1.4E+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 | | 1.2E+05 | 1.4E+09 | 4.0E+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 | | | | | | | | 1.4E+09 | | 1 | 0.03 | ~Hexachlorodibenzo-p-dioxin, Mixture | | 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 | | | 1.4E+09 | 2.0E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Diphenamid | 957-51-7 | | | | | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| | | | | | | 4.0E-04 | X | V | | | 1.4E+09 | 8.1E+04 | 1 | | Diphenyl Ether | 101-84-8 | | | | | | | 1.0E+02 | 1.0E+02 |
| | | | | 8.0E-04 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Diphenyl Sulfone | 127-63-9 | | | | | 1.9E+02 | 7.9E+02 | | 1.5E+02 |
| | | | | 1.0E-01 | O | | | | | | 1.4E+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 | | | | | | | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Diquat | 85-00-7 | | | | | 5.2E+02 | 2.2E+03 | | 4.2E+02 |
| 7.1E+00 | C | 1.4E-01 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Direct Black 38 | 1937-37-7 | 9.8E+00 | 3.5E+01 | 2.7E+03 | 7.6E+00 | | | | |
| 7.4E+00 | C | 1.4E-01 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Direct Blue 6 | 2602-46-2 | 9.4E+00 | 3.3E+01 | 2.7E+03 | 7.3E+00 | | | | |
| 6.7E+00 | C | 1.4E-01 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Direct Brown 95 | 16071-86-6 | 1.0E+01 | 3.7E+01 | 2.7E+03 | 8.1E+00 | | | | |
| | | | | 4.0E-05 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Disulfoton | 298-04-4 | | | | | 9.4E+00 | 4.0E+01 | | 7.6E+00 |
| | | | | 1.0E-02 | I | | | V | | | 1.4E+09 | 4.5E+04 | 1 | | Dithiane, 1,4- | 505-29-3 | | | | | 2.3E+03 | | | 2.3E+03 |
| | | | | 2.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Diuron | 330-54-1 | | | | | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| | | | | 2.0E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Dodine | 2439-10-3 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 5.0E-02 | O | | | V | | | 1.4E+09 | 1.2E+05 | 1 | | EPTC | 759-94-4 | | | | | 1.2E+04 | | | 1.2E+04 |
| | | | | 6.0E-03 | I | | | V | | | 1.4E+09 | 4.1E+05 | 1 | | Endosulfan | 115-29-7 | | | | | 1.4E+03 | | | 1.4E+03 |
| | | | | 2.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Endothall | 145-73-3 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 3.0E-04 | I | | | | | | 1.4E+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 | | 1.1E+04 | 1.4E+09 | 1.9E+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 | | 1.5E+04 | 1.4E+09 | 7.7E+03 | 1 | | Epoxybutane, 1,2- | 106-88-7 | | | | | | | 4.8E+02 | 4.8E+02 |
| | | | | 4.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Ethanol, 2-(2-methoxyethoxy)- | 111-77-3 | | | | | 9.4E+03 | 4.0E+04 | | 7.6E+03 |
| | | | | 5.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Ethephon | 16672-87-0 | | | | | 1.2E+03 | 4.9E+03 | | 9.5E+02 |
| | | | | 5.0E-04 | I | | | | | | 1.4E+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 | | 2.4E+04 | 1.4E+09 | 6.1E+04 | 1 | | Ethoxyethanol Acetate, 2- | 111-15-9 | | | | | 2.3E+04 | | 1.2E+04 | 7.7E+03 |
| | | | | 9.0E-02 | P | 2.0E-01 | I | V | | 1.1E+05 | 1.4E+09 | 9.8E+04 | 1 | | Ethoxyethanol, 2- | 110-80-5 | | | | | 2.1E+04 | | 6.2E+04 | 1.6E+04 |
| | | | | 9.0E-01 | I | 7.0E-02 | P | V | | 1.1E+04 | 1.4E+09 | 8.6E+03 | 1 | | Ethyl Acetate | 141-78-6 | | | | | 2.1E+05 | | 1.9E+03 | 1.9E+03 |
| | | | | 5.0E-03 | P | 8.0E-03 | P | V | | 2.5E+03 | 1.4E+09 | 6.3E+03 | 1 | | Ethyl Acrylate | 140-88-5 | | | | | 1.2E+03 | | 1.6E+02 | 1.4E+02 |
| | | | | | | 1.0E+01 | I | V | | 2.1E+03 | 1.4E+09 | 1.3E+03 | 1 | | Ethyl Chloride (Chloroethane) | 75-00-3 | | | | | | | 4.1E+04 | 4.1E+04 |
| | | | | 2.0E-01 | I | | | V | | 1.0E+04 | 1.4E+09 | 3.1E+03 | 1 | | Ethyl Ether | 60-29-7 | | | | | 4.7E+04 | | | 4.7E+04 |
| | | | | | | 3.0E-01 | P | V | | 1.1E+03 | 1.4E+09 | 5.8E+03 | 1 | | Ethyl Methacrylate | 97-63-2 | | | | | | | 5.4E+03 | 5.4E+03 |
| | | | | 1.0E-05 | I | | | | | | 1.4E+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 | 1.0E-01 | I | 1.0E+00 | I | V | | 4.8E+02 | 1.4E+09 | 5.7E+03 | 1 | | Ethylbenzene | 100-41-4 | 6.3E+03 | | 6.4E+02 | 5.8E+02 | 2.3E+04 | | 1.8E+04 | 1.0E+04 |
| | | | | 7.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Ethylene Cyanohydrin | 109-78-4 | | | | | 1.6E+04 | 6.9E+04 | | 1.3E+04 |
| | | | | 9.0E-02 | P | | | V | | 1.9E+05 | 1.4E+09 | 1.8E+05 | 1 | | Ethylene Diamine | 107-15-3 | | | | | 2.1E+04 | | | 2.1E+04 |
| | | | | 2.0E+00 | I | 4.0E-01 | C | | | | 1.4E+09 | | 1 | 0.1 | Ethylene Glycol | 107-21-1 | | | | | 4.7E+05 | 2.0E+06 | 1.7E+09 | 3.8E+05 |
| | | | | 1.0E-01 | I | 1.6E+00 | I | | | | 1.4E+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 | 1.2E+05 | 1.4E+09 | 6.1E+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 | | | | | | 1.4E+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 | | 1.5E+05 | 1.4E+09 | 2.4E+04 | 1 | | Ethyleneimine | 151-56-4 | 1.1E+00 | | 3.5E-01 | 2.7E-01 | | | | |
| | | | | 3.0E+00 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Ethylphthalyl Ethyl Glycolate | 84-72-0 | | | | | 7.0E+05 | 3.0E+06 | | 5.7E+05 |
| | | | | 2.5E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Fenamiphos | 22224-92-6 | | | | | 5.9E+01 | 2.5E+02 | | 4.7E+01 |
| | | | | 2.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Fenpropathrin | 39515-41-8 | | | | | 5.9E+03 | 2.5E+04 | | 4.7E+03 |
| | | | | 2.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Fenvalerate | 51630-58-1 | | | | | 5.9E+03 | 2.5E+04 | | 4.7E+03 |
| | | | | 1.3E-02 | I | | | | | | 1.4E+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 | | | | 1.4E+09 | | 1 | | Fluoride | 16984-48-8 | | | | | 9.4E+03 | | 5.5E+07 | 9.4E+03 |
| | | | | 6.0E-02 | I | 1.3E-02 | C | | | | 1.4E+09 | | 1 | | Fluorine (Soluble Fluoride) | 7782-41-4 | | | | | 1.4E+04 | | 5.5E+07 | 1.4E+04 |
| | | | | 8.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Fluridone | 59756-60-4 | | | | | 1.9E+04 | 7.9E+04 | | 1.5E+04 |
| | | | | 1.5E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Flurprimidol | 56425-91-3 | | | | | 3.5E+03 | 1.5E+04 | | 2.8E+03 |
| | | | | 2.0E-03 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Flusilazole | 85509-19-9 | | | | | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| | | | | 5.0E-01 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Flutolanil | 66332-96-5 | | | | | 1.2E+05 | 4.9E+05 | | 9.5E+04 |
| | | | | 1.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Fluvalinate | 69409-94-5 | | | | | 2.3E+03 | 9.9E+03 | | 1.9E+03 |
| | | | | 9.0E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Folpet | 133-07-3 | | | | | 2.1E+04 | 8.9E+04 | | 1.7E+04 |
| | | | | 2.5E-03 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Fomesafen | 72178-02-0 | | | | | 5.9E+02 | 2.5E+03 | | 4.7E+02 |
| | | | | 2.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Fonofos | 944-22-9 | | | | | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| | | 1.3E-05 | I | 2.0E-01 | I | 9.8E-03 | A | V | | 4.2E+04 | 1.4E+09 | 7.8E+04 | 1 | | Formaldehyde | 50-00-0 | | | 1.7E+03 | 1.7E+03 | 4.7E+04 | | 2.4E+03 | 2.3E+03 |
| | | | | 9.0E-01 | P | 3.0E-04 | X | V | | 1.1E+05 | 1.4E+09 | 9.3E+04 | 1 | | Formic Acid | 64-18-6 | | | | | 2.1E+05 | | 8.7E+01 | 8.7E+01 |
| | | | | 2.5E+00 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Fosetyl-AL | 39148-24-8 | | | | | 5.9E+05 | 2.5E+06 | | 4.7E+05 |
| | | | | | | | | | | | | | | | Furans | | | | | | | | | |
| | | | | 1.0E-03 | X | | | V | | | 1.4E+09 | 1.6E+05 | 1 | 0.03 | ~Dibenzofuran | 132-64-9 | | | | | 2.3E+02 | 3.3E+03 | | 2.2E+02 |
| | | | | 1.0E-03 | I | | | V | | 6.2E+03 | 1.4E+09 | 2.6E+03 | 1 | 0.03 | ~Furan | 110-00-9 | | | | | 2.3E+02 | 3.3E+03 | | 2.2E+02 |
| | | | | 9.0E-01 | I | 2.0E+00 | I | V | | 1.7E+05 | 1.4E+09 | 1.2E+04 | 1 | 0.03 | ~Tetrahydrofuran | 109-99-9 | | | | | 2.1E+05 | 3.0E+06 | 7.5E+04 | 5.4E+04 |
| 3.8E+00 | H | | | | | | | | | | 1.4E+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 | | 1.0E+04 | 1.4E+09 | 4.9E+04 | 1 | | Furfural | 98-01-1 | | | | | 7.0E+02 | | 7.6E+03 | 6.4E+02 |
| 1.5E+00 | C | 4.3E-04 | C | | | | | | | | 1.4E+09 | | 1 | 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 | | | | | | | | 1.4E+09 | | 1 | 0.1 | Furmecyclox | 60568-05-0 | 2.3E+03 | 8.2E+03 | 4.4E+07 | 1.8E+03 | | | | |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | volatile | muta-gen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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) |
| | | | | 6.0E-03 | O | | | | | | 1.4E+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 | | | | 1.4E+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 | H | V | | 1.1E+05 | 1.4E+09 | 8.4E+04 | 1 | | Glycidyl | 765-34-4 | | | | | 9.4E+01 | | 2.6E+02 | 6.9E+01 |
| | | | | 1.0E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Glyphosate | 1071-83-6 | | | | | 2.3E+04 | 9.9E+04 | | 1.9E+04 |
| | | | | 1.0E-02 | X | | | V | | | 1.4E+09 | 1.5E+05 | 1 | | Guanidine | 113-00-8 | | | | | 2.3E+03 | | | 2.3E+03 |
| | | | | 2.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Guanidine Chloride | 50-01-1 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 3.0E-02 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Guanidine Nitrate | 506-93-4 | | | | | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| | | | | 5.0E-05 | I | | | | | | 1.4E+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 | 5.0E-04 | I | | | V | | | 1.4E+09 | 4.8E+05 | 1 | | Heptachlor | 76-44-8 | 1.5E+01 | | 1.0E+02 | 1.3E+01 | 1.2E+02 | | | 1.2E+02 |
| 9.1E+00 | I | 2.6E-03 | I | 1.3E-05 | I | | | V | | | 1.4E+09 | 8.4E+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 | | 2.1E+02 | 1.4E+09 | 7.8E+03 | 1 | | Heptanal, n- | 111-71-7 | | | | | | | 7.3E+01 | 7.3E+01 |
| | | | | 3.0E-04 | X | 4.0E-01 | P | V | | 5.8E+01 | 1.4E+09 | 8.9E+02 | 1 | | Heptane, N- | 142-82-5 | | | | | 7.0E+01 | | 1.1E+03 | 6.6E+01 |
| | | | | 2.0E-03 | I | | | V | | | 1.4E+09 | 3.8E+05 | 1 | | Hexabromobenzene | 87-82-1 | | | | | 4.7E+02 | | | 4.7E+02 |
| | | | | 2.0E-04 | I | | | | | | 1.4E+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 | 8.0E-04 | I | | | V | | | 1.4E+09 | 6.8E+04 | 1 | | Hexachlorobenzene | 118-74-1 | 4.3E+01 | | 4.1E+01 | 2.1E+01 | 1.9E+02 | | | 1.9E+02 |
| 7.8E-02 | I | 2.2E-05 | I | 1.0E-03 | P | | | V | | 1.7E+01 | 1.4E+09 | 1.1E+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 | | | | | | 1.4E+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 | | | | | | | | 1.4E+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 | 3.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.04 | Hexachlorocyclohexane, Gamma- (Lindane) | 58-89-9 | 6.3E+01 | 5.6E+02 | 1.2E+06 | 5.7E+01 | 7.0E+01 | 7.4E+02 | | 6.4E+01 |
| 1.8E+00 | I | 5.1E-04 | I | | | | | | | | 1.4E+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 | | 1.6E+01 | 1.4E+09 | 8.5E+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 | | | 1.4E+09 | 8.0E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Hexachlorophene | 70-30-4 | | | | | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| 1.1E-01 | I | | | 3.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.015 | Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) | 121-82-4 | 6.3E+02 | 1.5E+04 | | 6.1E+02 | 7.0E+02 | 2.0E+04 | | 6.8E+02 |
| | | | | | | 1.0E-05 | I | V | | 3.4E+03 | 1.4E+09 | 3.0E+05 | 1 | | Hexamethylene Diisocyanate, 1,6- | 822-06-0 | | | | | | | 9.4E+00 | 9.4E+00 |
| | | | | 4.0E-04 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Hexamethylphosphoramide | 680-31-9 | | | | | 9.4E+01 | 4.0E+02 | | 7.6E+01 |
| | | | | | | 7.0E-01 | I | V | | 1.4E+02 | 1.4E+09 | 8.3E+02 | 1 | | Hexane, N- | 110-54-3 | | | | | | | 1.8E+03 | 1.8E+03 |
| | | | | 2.0E+00 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Hexanedioic Acid | 124-04-9 | | | | | 4.7E+05 | 2.0E+06 | | 3.8E+05 |
| | | | | 5.0E-03 | I | 3.0E-02 | I | V | | 3.3E+03 | 1.4E+09 | 1.3E+04 | 1 | | Hexanone, 2- | 591-78-6 | | | | | 1.2E+03 | | 1.2E+03 | 6.0E+02 |
| | | | | 3.3E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Hexazinone | 51235-04-2 | | | | | 7.7E+03 | 3.3E+04 | | 6.3E+03 |
| | | | | 2.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Hexythiazox | 78587-05-0 | | | | | 5.9E+03 | 2.5E+04 | | 4.7E+03 |
| | | | | 1.7E-02 | O | | | | | | 1.4E+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 | | | 1.4E+09 | | 1 | | Hydrazine | 302-01-2 | 2.3E+01 | | 7.8E+04 | 2.3E+01 | | | 1.3E+05 | 1.3E+05 |
| 3.0E+00 | I | 4.9E-03 | I | | | | | | | | 1.4E+09 | | 1 | | Hydrazine Sulfate | 10034-93-2 | 2.3E+01 | | 7.8E+04 | 2.3E+01 | | | | |
| | | | | | | 2.0E-02 | I | V | | | 1.4E+09 | | 1 | | Hydrogen Chloride | 7647-01-0 | | | | | | | 8.5E+07 | 8.5E+07 |
| | | | | 4.0E-02 | C | 1.4E-02 | C | V | | | 1.4E+09 | | 1 | | Hydrogen Fluoride | 7664-39-3 | | | | | 9.4E+03 | | 6.0E+07 | 9.4E+03 |
| | | | | | | 2.0E-03 | I | V | | | 1.4E+09 | | 1 | | Hydrogen Sulfide | 7783-06-4 | | | | | | | 8.5E+06 | 8.5E+06 |
| 6.0E-02 | P | | | 4.0E-02 | P | | | | | | 1.4E+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 | | | 2.5E-03 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Imazalil | 35554-44-0 | 1.1E+03 | 4.0E+03 | | 8.9E+02 | 5.9E+02 | 2.5E+03 | | 4.7E+02 |
| | | | | 2.5E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Imazaquin | 81335-37-7 | | | | | 5.9E+04 | 2.5E+05 | | 4.7E+04 |
| | | | | 2.5E+00 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Imazethapyr | 81335-77-5 | | | | | 5.9E+05 | 2.5E+06 | | 4.7E+05 |
| | | | | 1.0E-02 | A | | | | | | 1.4E+09 | | 1 | | Iodine | 7553-56-2 | | | | | 2.3E+03 | | | 2.3E+03 |
| | | | | 4.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Iprodione | 36734-19-7 | | | | | 9.4E+03 | 4.0E+04 | | 7.6E+03 |
| | | | | 7.0E-01 | P | | | | | | 1.4E+09 | | 1 | | Iron | 7439-89-6 | | | | | 1.6E+05 | | | 1.6E+05 |
| | | | | 3.0E-01 | I | | | V | | 1.0E+04 | 1.4E+09 | 2.8E+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 | | | | 1.4E+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 | | | 1.4E+09 | 4.2E+05 | 1 | | Isopropalin | 33820-53-0 | | | | | 3.5E+03 | | | 3.5E+03 |
| | | | | 2.0E+00 | P | 2.0E-01 | P | V | | 1.1E+05 | 1.4E+09 | 2.8E+04 | 1 | | Isopropanol | 67-63-0 | | | | | 4.7E+05 | | 1.7E+04 | 1.7E+04 |
| | | | | 1.0E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Isopropyl Methyl Phosphonic Acid | 1832-54-8 | | | | | 2.3E+04 | 9.9E+04 | | 1.9E+04 |
| | | | | 5.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Isoxaben | 82558-50-7 | | | | | 1.2E+04 | 4.9E+04 | | 9.5E+03 |
| | | | | | | 3.0E-01 | A | V | | | 1.4E+09 | | 1 | | JP-7 | E1737665 | | | | | | | 1.3E+09 | 1.3E+09 |
| | | | | 8.0E-03 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Lactofen | 77501-63-4 | | | | | 1.9E+03 | 7.9E+03 | | 1.5E+03 |
| | | | | 2.0E-04 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Lactonitrile | 78-97-7 | | | | | 4.7E+01 | 2.0E+02 | | 3.8E+01 |
| | | | | | | | | | | | | | | | Lead Compounds | | | | | | | | | |
| 8.5E-03 | C | 1.2E-05 | C | | | | | | | | 1.4E+09 | | 1 | | ~Lead Phosphate | 7446-27-7 | 8.2E+03 | | 3.2E+07 | 8.2E+03 | | | | |
| 8.5E-03 | C | 1.2E-05 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | ~Lead acetate | 301-04-2 | 8.2E+03 | 2.9E+04 | 3.2E+07 | 6.4E+03 | | | | |
| | | | | | | | | | | | 1.4E+09 | | 1 | | ~Lead and Compounds | 7439-92-1 | | | | | | | | 4.0E+02 |
| 8.5E-03 | C | 1.2E-05 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | ~Lead subacetate | 1335-32-6 | 8.2E+03 | 2.9E+04 | 3.2E+07 | 6.4E+03 | | | | |
| | | | | 1.0E-07 | I | | | V | | 2.4E+00 | 1.4E+09 | 1.9E+03 | 1 | | ~Tetraethyl Lead | 78-00-2 | | | | | 2.3E-02 | | | 2.3E-02 |
| | | | | 5.0E-06 | P | | | V | | 3.8E+02 | 1.4E+09 | 2.6E+04 | 1 | | Lewisite | 541-25-3 | | | | | 1.2E+00 | | | 1.2E+00 |
| | | | | 7.7E-03 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Linuron | 330-55-2 | | | | | 1.8E+03 | 7.6E+03 | | 1.5E+03 |
| | | | | 2.0E-03 | P | | | | | | 1.4E+09 | | 1 | | Lithium | 7439-93-2 | | | | | 4.7E+02 | | | 4.7E+02 |
| | | | | 5.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | MCPA | 94-74-6 | | | | | 1.2E+02 | 4.9E+02 | | 9.5E+01 |
| | | | | 4.4E-03 | O | | | | | | 1.4E+09 | | 1 | 0.1 | MCPB | 94-81-5 | | | | | 1.0E+03 | 4.4E+03 | | 8.3E+02 |
| | | | | 1.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | MCPP | 93-65-2 | | | | | 2.3E+02 | 9.9E+02 | | 1.9E+02 |
| | | | | 2.0E-02 | I | | | | | | 1.4E+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 | | | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Maleic Hydrazide | 123-33-1 | | | | | 1.2E+05 | 4.9E+05 | | 9.5E+04 |
| | | | | 1.0E-04 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Malononitrile | 109-77-3 | | | | | 2.3E+01 | 9.9E+01 | | 1.9E+01 |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | muta-gen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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-02 | H | | | | | | 1.4E+09 | | 1 | 0.1 | Mancozeb | 8018-01-7 | | | | | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| | | | | 5.0E-03 | I | | | | | | 1.4E+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 | S | 5.0E-05 | I | | | | 1.4E+09 | | 0.04 | | Manganese (Non-diet) | 7439-96-5 | | | | | 5.6E+03 | | 2.1E+05 | 5.5E+03 |
| | | | | 9.0E-05 | H | | | | | | 1.4E+09 | | 1 | 0.1 | Mephosfolan | 950-10-7 | | | | | 2.1E+01 | 8.9E+01 | | 1.7E+01 |
| | | | | 3.0E-02 | I | | | | | | 1.4E+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 | | | | | | 1.4E+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 | S | | | | 1.4E+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 | | 3.1E+00 | 1.4E+09 | 3.5E+04 | 1 | | ~Mercury (elemental) | 7439-97-6 | | | | | | | 3.3E+01 | 3.3E+01 |
| | | | | 1.0E-04 | I | | | | | | 1.4E+09 | | 1 | | ~Methyl Mercury | 22967-92-6 | | | | | 2.3E+01 | | | 2.3E+01 |
| | | | | 8.0E-05 | I | | | | | | 1.4E+09 | | 1 | 0.1 | ~Phenylmercuric Acetate | 62-38-4 | | | | | 1.9E+01 | 7.9E+01 | | 1.5E+01 |
| | | | | 3.0E-05 | I | | | V | | | 1.4E+09 | 1.9E+06 | 1 | | Merphos | 150-50-5 | | | | | 7.0E+00 | | | 7.0E+00 |
| | | | | 1.0E-04 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Merphos Oxide | 78-48-8 | | | | | 2.3E+01 | 9.9E+01 | | 1.9E+01 |
| | | | | 6.0E-02 | I | | | | | | 1.4E+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 | | 4.6E+03 | 1.4E+09 | 6.8E+03 | 1 | | Methacrylonitrile | 126-98-7 | | | | | 2.3E+01 | | 6.4E+02 | 2.3E+01 |
| | | | | 5.0E-05 | I | | | | | | 1.4E+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 | | 1.1E+05 | 1.4E+09 | 2.9E+04 | 1 | | Methanol | 67-56-1 | | | | | 4.7E+05 | | 1.8E+06 | 3.7E+05 |
| | | | | 1.5E-03 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Methidathion | 950-37-8 | | | | | 3.5E+02 | 1.5E+03 | | 2.8E+02 |
| | | | | 2.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Methomyl | 16752-77-5 | | | | | 5.9E+03 | 2.5E+04 | | 4.7E+03 |
| 4.9E-02 | C | 1.4E-05 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Methoxy-5-nitroaniline, 2- | 99-59-2 | 1.4E+03 | 5.0E+03 | 2.7E+07 | 1.1E+03 | | | | |
| | | | | 5.0E-03 | I | | | | | | 1.4E+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 | | 1.2E+05 | 1.4E+09 | 1.2E+05 | 1 | | Methoxyethanol Acetate, 2- | 110-49-6 | | | | | 1.9E+03 | | 3.9E+02 | 3.2E+02 |
| | | | | 5.0E-03 | P | 2.0E-02 | I | V | | 1.1E+05 | 1.4E+09 | 1.0E+05 | 1 | | Methoxyethanol, 2- | 109-86-4 | | | | | 1.2E+03 | | 6.3E+03 | 9.9E+02 |
| | | | | 1.0E+00 | X | | | V | | 2.9E+04 | 1.4E+09 | 8.1E+03 | 1 | | Methyl Acetate | 79-20-9 | | | | | 2.3E+05 | | | 2.3E+05 |
| | | | | | | 2.0E-02 | P | V | | 6.8E+03 | 1.4E+09 | 7.0E+03 | 1 | | Methyl Acrylate | 96-33-3 | | | | | | | 4.4E+02 | 4.4E+02 |
| | | | | 6.0E-01 | I | 5.0E+00 | I | V | | 2.8E+04 | 1.4E+09 | 1.2E+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 | | 1.8E+05 | 1.4E+09 | 5.0E+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 | | 3.4E+03 | 1.4E+09 | 1.1E+04 | 1 | | Methyl Isobutyl Ketone (4-methyl-2-pentanone) | 108-10-1 | | | | | | | 9.9E+04 | 9.9E+04 |
| | | | | | | 1.0E-03 | C | V | | 1.0E+04 | 1.4E+09 | 4.4E+03 | 1 | | Methyl Isocyanate | 624-83-9 | | | | | | | 1.4E+01 | 1.4E+01 |
| | | | | 1.4E+00 | I | 7.0E-01 | I | V | | 2.4E+03 | 1.4E+09 | 6.3E+03 | 1 | | Methyl Methacrylate | 80-62-6 | | | | | 3.3E+05 | | 1.4E+04 | 1.3E+04 |
| | | | | 2.5E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Methyl Parathion | 298-00-0 | | | | | 5.9E+01 | 2.5E+02 | | 4.7E+01 |
| | | | | 6.0E-02 | X | | | | | | 1.4E+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 | | 3.9E+02 | 1.4E+09 | 2.4E+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 | | | | | | | | 1.4E+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 | | 8.9E+03 | 1.4E+09 | 4.9E+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 | | | | | | 1.4E+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 | | 2.5E+03 | 1.4E+09 | 1.7E+04 | 1 | | Methyl-2-Pentanol, 4- | 108-11-2 | | | | | | | 1.6E+05 | 1.6E+05 |
| 9.0E-03 | P | | | 2.0E-02 | X | | | | | | 1.4E+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 | | | | | | | | 1.4E+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 | | | | | | | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Methylarsonic acid | 124-58-3 | | | | | 2.3E+03 | 9.9E+03 | | 1.9E+03 |
| | | | | 2.0E-04 | X | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | 1.4E+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 | 3.3E+03 | 1.4E+09 | 2.2E+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 | | 1.4E+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 | | | | | | | | 1.4E+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 | | | | 1.4E+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 | | | | 1.4E+09 | | 1 | 0.1 | Methylenediphenyl Diisocyanate | 101-68-8 | | | | | | | 2.6E+06 | 2.6E+06 |
| | | | | 7.0E-02 | H | | | V | | 5.0E+02 | 1.4E+09 | 1.3E+04 | 1 | | Methylstyrene, Alpha- | 98-83-9 | | | | | 1.6E+04 | | | 1.6E+04 |
| | | | | 1.5E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Metolachlor | 51218-45-2 | | | | | 3.5E+04 | 1.5E+05 | | 2.8E+04 |
| | | | | 2.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Metribuzin | 21087-64-9 | | | | | 5.9E+03 | 2.5E+04 | | 4.7E+03 |
| | | | | 2.5E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Metsulfuron-methyl | 74223-64-6 | | | | | 5.9E+04 | 2.5E+05 | | 4.7E+04 |
| | | | | 3.0E+00 | P | | | V | | 3.4E-01 | 1.4E+09 | 1.4E+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 | | | 1.4E+09 | 8.6E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Molinate | 2212-67-1 | | | | | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| | | | | 5.0E-03 | I | | | | | | 1.4E+09 | | 1 | | Molybdenum | 7439-98-7 | | | | | 1.2E+03 | | | 1.2E+03 |
| | | | | 1.0E-01 | I | | | | | | 1.4E+09 | | 1 | | Monochloramine | 10599-90-3 | | | | | 2.3E+04 | | | 2.3E+04 |
| | | | | 2.0E-03 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Monomethylaniline | 100-61-8 | | | | | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| | | | | 2.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Myclobutanil | 88671-89-0 | | | | | 5.9E+03 | 2.5E+04 | | 4.7E+03 |
| | | | | 3.0E-04 | X | | | | | | 1.4E+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 | | | 1.4E+09 | 5.7E+04 | 1 | | Naled | 300-76-5 | | | | | 4.7E+02 | | | 4.7E+02 |
| | | | | 3.0E-02 | X | 1.0E-01 | P | V | | | 1.4E+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 | | | | | | | | 1.4E+09 | | 1 | 0.1 | Naphthylamine, 2- | 91-59-8 | 3.9E+01 | 1.4E+02 | | 3.0E+01 | | | | |
| | | | | 1.2E-01 | O | | | | | | 1.4E+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 | | | | 1.4E+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 | | | | 1.4E+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 | | | 1.4E+09 | | 1 | | Nickel Carbonyl | 13463-39-3 | | | 1.5E+06 | 1.5E+06 | 2.6E+03 | | 6.0E+04 | 2.5E+03 |

RML
HQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | volatile | muta-gen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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) |
| | | 2.6E-04 | C | 1.1E-02 | C | 1.4E-05 | C | | | | 1.4E+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 | | | | 1.4E+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 | | | | 1.4E+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 | | | | 1.4E+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 | | | | 1.4E+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 |
| | | 2.6E-04 | C | 1.1E-02 | C | 1.4E-05 | C | | | | 1.4E+09 | | 1 | 0.1 | Nickelocene | 1271-28-9 | | | 1.5E+06 | 1.5E+06 | 2.6E+03 | 1.1E+04 | 6.0E+04 | 2.0E+03 |
| | | | | 1.6E+00 | I | | | | | | 1.4E+09 | | 1 | | Nitrate | 14797-55-8 | | | | | 3.8E+05 | | | 3.8E+05 |
| | | | | | | | | | | | 1.4E+09 | | 1 | | Nitrate + Nitrite (as N) | E701177 | | | | | | | | |
| | | | | 1.0E-01 | I | | | | | | 1.4E+09 | | 1 | | Nitrite | 14797-65-0 | | | | | 2.3E+04 | | | 2.3E+04 |
| | | | | 1.0E-02 | X | 5.0E-05 | X | | | | 1.4E+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 | | | | 1.4E+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 | | 3.1E+03 | 1.4E+09 | 7.3E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Nitrocellulose | 9004-70-0 | | | | | 7.0E+08 | 3.0E+09 | | 5.7E+08 |
| | | | | 7.0E-02 | H | | | | | | 1.4E+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 | | | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | 1.8E+04 | 1.4E+09 | 1.7E+04 | 1 | | Nitromethane | 75-52-5 | | | 5.4E+02 | 5.4E+02 | | | 2.6E+02 | 2.6E+02 |
| | | 2.7E-03 | H | | | 2.0E-02 | I | V | | 4.9E+03 | 1.4E+09 | 1.3E+04 | 1 | | Nitropropane, 2- | 79-46-9 | | | 1.4E+00 | 1.4E+00 | | | 8.2E+02 | 8.2E+02 |
| 2.7E+01 | C | 7.7E-03 | C | | | | | | M | | 1.4E+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 | | 1.4E+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 | | | 1.4E+09 | 2.4E+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 | | | | | | | | 1.4E+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 | | | | | | | | 1.4E+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 | | 1.4E+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 | 2.4E+05 | 1.4E+09 | 8.2E+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 | | | | | | | | 1.4E+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 | | 1.1E+05 | 1.4E+09 | 1.2E+05 | 1 | | Nitrosomethylethylamine, N- | 10595-95-6 | 3.2E+00 | | 5.4E+00 | 2.0E+00 | | | | |
| 6.7E+00 | C | 1.9E-03 | C | | | | | | | | 1.4E+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 | | | | | | | | 1.4E+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 | | | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | 1.5E+03 | 1.4E+09 | 1.4E+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 | | | | | | 1.4E+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 | | 6.9E+00 | 1.4E+09 | 1.0E+03 | 1 | | Nonane, n- | 111-84-2 | | | | | 7.0E+01 | | 6.5E+01 | 3.4E+01 |
| | | | | 1.5E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Norflurazon | 27314-13-2 | | | | | 3.5E+03 | 1.5E+04 | | 2.8E+03 |
| | | | | 3.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Octabromodiphenyl Ether | 32536-52-0 | | | | | 7.0E+02 | 3.0E+03 | | 5.7E+02 |
| | | | | 5.0E-02 | I | | | | | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Octamethylpyrophosphoramide | 152-16-9 | | | | | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| 7.8E-03 | O | | | 1.4E-01 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Oryzalin | 19044-88-3 | 8.9E+03 | 3.2E+04 | | 7.0E+03 | 3.3E+04 | 1.4E+05 | | 2.7E+04 |
| | | | | 5.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Oxadiazon | 19666-30-9 | | | | | 1.2E+03 | 4.9E+03 | | 9.5E+02 |
| | | | | 2.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Oxamyl | 23135-22-0 | | | | | 5.9E+03 | 2.5E+04 | | 4.7E+03 |
| 7.3E-02 | O | | | 3.0E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Oxyfluorfen | 42874-03-3 | 9.5E+02 | 3.4E+03 | | 7.4E+02 | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| | | | | 1.3E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Paclobutrazol | 76738-62-0 | | | | | 3.1E+03 | 1.3E+04 | | 2.5E+03 |
| | | | | 4.5E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Paraquat Dichloride | 1910-42-5 | | | | | 1.1E+03 | 4.4E+03 | | 8.5E+02 |
| | | | | 6.0E-03 | H | | | | | | 1.4E+09 | | 1 | 0.1 | Parathion | 56-38-2 | | | | | 1.4E+03 | 5.9E+03 | | 1.1E+03 |
| | | | | 5.0E-02 | H | | | V | | | 1.4E+09 | 4.5E+04 | 1 | | Pebulate | 1114-71-2 | | | | | 1.2E+04 | | | 1.2E+04 |
| | | | | 3.0E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Pendimethalin | 40487-42-1 | | | | | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| | | | | 2.0E-03 | I | | | V | | 3.1E-01 | 1.4E+09 | 5.1E+05 | 1 | | Pentabromodiphenyl Ether | 32534-81-9 | | | | | 4.7E+02 | | | 4.7E+02 |
| | | | | 1.0E-04 | I | | | | | | 1.4E+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 | | | 1.4E+09 | 8.1E+04 | 1 | | Pentachlorobenzene | 608-93-5 | | | | | 1.9E+02 | | | 1.9E+02 |
| 9.0E-02 | P | | | | | | | V | | 4.6E+02 | 1.4E+09 | 9.6E+03 | 1 | | Pentachloroethane | 76-01-7 | 7.7E+02 | | | 7.7E+02 | | | | |
| 2.6E-01 | H | | | 3.0E-03 | I | | | V | | | 1.4E+09 | 4.3E+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 | | | | | | 1.4E+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 |
| 4.0E-03 | X | | | 2.0E-03 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Pentaerythritol tetranitrate (PETN) | 78-11-5 | 1.7E+04 | 6.2E+04 | | 1.4E+04 | 4.7E+02 | 2.0E+03 | | 3.8E+02 |
| | | | | | | 1.0E+00 | P | V | | 3.9E+02 | 1.4E+09 | 7.8E+02 | 1 | | Pentane, n- | 109-66-0 | | | | | | | 2.4E+03 | 2.4E+03 |
| | | | | | | | | | | | | | | | Perchlorates | | | | | | | | | |
| | | | | 7.0E-04 | I | | | | | | 1.4E+09 | | 1 | | ~Ammonium Perchlorate | 7790-98-9 | | | | | 1.6E+02 | | | 1.6E+02 |
| | | | | 7.0E-04 | I | | | | | | 1.4E+09 | | 1 | | ~Lithium Perchlorate | 7791-03-9 | | | | | 1.6E+02 | | | 1.6E+02 |
| | | | | 7.0E-04 | I | | | | | | 1.4E+09 | | 1 | | ~Perchlorate and Perchlorate Salts | 14797-73-0 | | | | | 1.6E+02 | | | 1.6E+02 |
| | | | | 7.0E-04 | I | | | | | | 1.4E+09 | | 1 | | ~Potassium Perchlorate | 7778-74-7 | | | | | 1.6E+02 | | | 1.6E+02 |
| | | | | 7.0E-04 | I | | | | | | 1.4E+09 | | 1 | | ~Sodium Perchlorate | 7601-89-0 | | | | | 1.6E+02 | | | 1.6E+02 |
| | | | | 2.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Perfluorobutane sulfonic acid (PFBS) | 375-73-5 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 2.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Perfluorobutanesulfonate | 45187-15-3 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 5.0E-02 | I | | | | | | 1.4E+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 | | | | | | | | 1.4E+09 | | 1 | 0.1 | Phenacetin | 62-44-2 | 3.2E+04 | 1.1E+05 | 6.1E+08 | 2.5E+04 | | | | |
| | | | | 2.4E-01 | O | | | | | | 1.4E+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 | | | | 1.4E+09 | | 1 | 0.1 | Phenol | 108-95-2 | | | | | 7.0E+04 | 3.0E+05 | 8.5E+08 | 5.7E+04 |
| | | | | 4.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Phenol, 2-(1-methylethoxy)-, methylcarbamate | 114-26-1 | | | | | 9.4E+02 | 4.0E+03 | | 7.6E+02 |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | muta-gen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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-04 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Phenothiazine | 92-84-2 | | | | | 1.2E+02 | 4.9E+02 | | 9.5E+01 |
| | | | | 2.0E-04 | X | | | V | | 1.3E+02 | 1.4E+09 | 7.1E+03 | 1 | | Phenyl Isothiocyanate | 103-72-0 | | | | | 4.7E+01 | | | 4.7E+01 |
| | | | | 6.0E-03 | I | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Phenylenediamine, p- | 106-50-3 | | | | | 2.3E+02 | 9.9E+02 | | 1.9E+02 |
| 1.9E-03 | H | | | | | | | | | | 1.4E+09 | | 1 | 0.1 | Phenylphenol, 2- | 90-43-7 | 3.6E+04 | 1.3E+05 | | 2.8E+04 | | | | |
| | | | | 2.0E-04 | H | | | | | | 1.4E+09 | | 1 | 0.1 | Phorate | 298-02-2 | | | | | 4.7E+01 | 2.0E+02 | | 3.8E+01 |
| | | | | | | 3.0E-04 | I | V | | 1.6E+03 | 1.4E+09 | 9.8E+02 | 1 | | Phosgene | 75-44-5 | | | | | | | 9.2E-01 | 9.2E-01 |
| | | | | 2.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Phosmet | 732-11-6 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | | | | | | | | | | | | Phosphates, Inorganic | | | | | | | | | |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Aluminum metaphosphate | 13776-88-0 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Ammonium polyphosphate | 68333-79-9 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Calcium pyrophosphate | 7790-76-3 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Diammonium phosphate | 7783-28-0 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Dicalcium phosphate | 7757-93-9 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Dimagnesium phosphate | 7782-75-4 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Dipotassium phosphate | 7758-11-4 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Disodium phosphate | 7558-79-4 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Monoaluminum phosphate | 13530-50-2 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Monoammonium phosphate | 7722-76-1 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Monocalcium phosphate | 7758-23-8 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Monomagnesium phosphate | 7757-86-0 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Monopotassium phosphate | 7778-77-0 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Monosodium phosphate | 7558-80-7 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Polyphosphoric acid | 8017-16-1 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Potassium tripolyphosphate | 13845-36-8 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Sodium acid pyrophosphate | 7758-16-9 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Sodium aluminum phosphate (acidic) | 7785-88-8 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Sodium aluminum phosphate (anhydrous) | 10279-59-1 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Sodium aluminum phosphate (tetrahydrate) | 10305-76-7 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Sodium hexametaphosphate | 10124-56-8 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Sodium polyphosphate | 68915-31-1 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Sodium trimetaphosphate | 7785-84-4 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Sodium tripolyphosphate | 7758-29-4 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Tetrapotassium phosphate | 7320-34-5 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Tetrasodium pyrophosphate | 7722-88-5 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate) | 15136-87-5 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Tricalcium phosphate | 7758-87-4 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Trimagnesium phosphate | 7757-87-1 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Tripotassium phosphate | 7778-53-2 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Trisodium phosphate | 7601-54-9 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | 3.0E-04 | I | 3.0E-04 | I | V | | | 1.4E+09 | | 1 | | Phosphine | 7803-51-2 | | | | | 7.0E+01 | | 1.3E+06 | 7.0E+01 |
| | | | | 4.9E+01 | P | 1.0E-02 | I | | | | 1.4E+09 | | 1 | | Phosphoric Acid | 7664-38-2 | | | | | 1.1E+07 | | 4.3E+07 | 9.0E+06 |
| | | | | 2.0E-05 | I | | | V | | | 1.4E+09 | 6.9E+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 | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | ~Butylphthalyl Butylglycolate | 85-70-1 | | | | | 2.3E+05 | 9.9E+05 | | 1.9E+05 |
| | | | | 1.0E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | ~Dibutyl Phthalate | 84-74-2 | | | | | 2.3E+04 | 9.9E+04 | | 1.9E+04 |
| | | | | 8.0E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | ~Diethyl Phthalate | 84-66-2 | | | | | 1.9E+05 | 7.9E+05 | | 1.5E+05 |
| | | | | 1.0E-01 | I | | | V | | | 1.4E+09 | 2.1E+04 | 1 | | ~Dimethylterephthalate | 120-61-6 | | | | | 2.3E+04 | | | 2.3E+04 |
| | | | | 1.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | ~Octyl Phthalate, di-N- | 117-84-0 | | | | | 2.3E+03 | 9.9E+03 | | 1.9E+03 |
| | | | | 1.0E+00 | H | | | | | | 1.4E+09 | | 1 | 0.1 | ~Phthalic Acid, P- | 100-21-0 | | | | | 2.3E+05 | 9.9E+05 | | 1.9E+05 |
| | | | | 2.0E+00 | I | 2.0E-02 | C | | | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Picloram | 1918-02-1 | | | | | 1.6E+04 | 6.9E+04 | | 1.3E+04 |
| | | | | 1.0E-04 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Picramic Acid (2-Amino-4,6-dinitrophenol) | 96-91-3 | | | | | 2.3E+01 | 9.9E+01 | | 1.9E+01 |
| | | | | 9.0E-04 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Picric Acid (2,4,6-Trinitrophenol) | 88-89-1 | | | | | 2.1E+02 | 8.9E+02 | | 1.7E+02 |
| | | | | 6.7E-05 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Pirimiphos, Methyl | 29232-93-7 | | | | | 1.6E+01 | 6.6E+01 | | 1.3E+01 |
| 3.0E+01 | C | 8.6E-03 | C | 7.0E-06 | H | | | | | | 1.4E+09 | | 1 | 0.1 | Polybrominated Biphenyls | 59536-65-1 | 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 | S | 2.0E-05 | S | 7.0E-05 | I | | | V | | | 1.4E+09 | 7.1E+05 | 1 | 0.14 | ~Aroclor 1016 | 12674-11-2 | 9.9E+02 | 2.5E+03 | 1.0E+04 | 6.7E+02 | 1.6E+01 | 4.9E+01 | | 1.2E+01 |
| 2.0E+00 | S | 5.7E-04 | S | | | | | V | | | 1.4E+09 | 2.0E+05 | 1 | 0.14 | ~Aroclor 1221 | 11104-28-2 | 3.5E+01 | 8.8E+01 | 1.0E+02 | 2.0E+01 | | | | |
| 2.0E+00 | S | 5.7E-04 | S | | | | | V | | | 1.4E+09 | 1.1E+05 | 1 | 0.14 | ~Aroclor 1232 | 11141-16-5 | 3.5E+01 | 8.8E+01 | 5.5E+01 | 1.7E+01 | | | | |
| 2.0E+00 | S | 5.7E-04 | S | | | | | V | | | 1.4E+09 | 5.9E+05 | 1 | 0.14 | ~Aroclor 1242 | 53469-21-9 | 3.5E+01 | 8.8E+01 | 2.9E+02 | 2.3E+01 | | | | |
| 2.0E+00 | S | 5.7E-04 | S | | | | | V | | | 1.4E+09 | 6.3E+05 | 1 | 0.14 | ~Aroclor 1248 | 12672-29-6 | 3.5E+01 | 8.8E+01 | 3.1E+02 | 2.3E+01 | | | | |
| 2.0E+00 | S | 5.7E-04 | S | 2.0E-05 | I | | | V | | | 1.4E+09 | 8.4E+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 | S | 5.7E-04 | S | | | | | V | | | 1.4E+09 | 1.3E+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 | | | 1.4E+09 | 9.8E+05 | 1 | 0.14 | ~Aroclor 5460 | 11126-42-4 | | | | | 1.4E+02 | 4.2E+02 | | 1.1E+02 |
| 3.9E+00 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | | 1.4E+09 | 2.4E+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 |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | muta-gen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | | 1.4E+09 | 1.6E+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 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | | 1.4E+09 | 1.0E+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 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | | 1.4E+09 | 1.1E+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 | E | 1.1E+00 | E | 2.3E-08 | E | 1.3E-06 | E | V | | | 1.4E+09 | 1.6E+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 |
| 3.9E+00 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | | 1.4E+09 | 7.3E+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 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | | 1.4E+09 | 5.9E+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 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | | 1.4E+09 | 6.0E+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 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | | 1.4E+09 | 1.1E+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 | E | 3.8E+00 | E | 7.0E-09 | E | 4.0E-07 | E | V | | | 1.4E+09 | 7.3E+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 | | | 1.4E+09 | 5.3E+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 | E | 3.8E-03 | E | 7.0E-06 | E | 4.0E-04 | E | | | | 1.4E+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 | E | 1.1E-02 | E | 2.3E-06 | E | 1.3E-04 | E | V | | | 1.4E+09 | 5.1E+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 | | | | 1.4E+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 | | | 1.4E+09 | 1.4E+05 | 1 | 0.13 | ~Acenaphthene | 83-32-9 | | | | | 1.4E+04 | 4.6E+04 | | 1.1E+04 |
| | | | | 3.0E-01 | I | | | V | | | 1.4E+09 | 5.2E+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 | | 1.4E+09 | 4.4E+06 | 1 | 0.13 | ~Benz[a]anthracene | 56-55-3 | 1.5E+02 | 4.6E+02 | 7.4E+03 | 1.1E+02 | | | | |
| 1.2E+00 | C | 1.1E-04 | C | | | | | | | | 1.4E+09 | | 1 | 0.13 | ~Benzo(j)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 | | 1.4E+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 | | 1.4E+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 | | 1.4E+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 | | | 1.4E+09 | 8.0E+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 | | 1.4E+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 | | 1.4E+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 | | | | | | | | 1.4E+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 | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | 0.13 | ~Fluoranthene | 206-44-0 | | | | | 9.4E+03 | 3.0E+04 | | 7.2E+03 |
| | | | | 4.0E-02 | I | | | V | | | 1.4E+09 | 2.8E+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 | | 1.4E+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 | | 3.9E+02 | 1.4E+09 | 5.9E+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 | | | 1.4E+09 | 5.8E+04 | 1 | 0.13 | ~Methylnaphthalene, 2- | 91-57-6 | | | | | 9.4E+02 | 3.0E+03 | | 7.2E+02 |
| | | 3.4E-05 | C | 2.0E-02 | I | 3.0E-03 | I | V | | | 1.4E+09 | 4.6E+04 | 1 | 0.13 | ~Naphthalene | 91-20-3 | | | 3.8E+02 | 3.8E+02 | 4.7E+03 | 1.5E+04 | 4.3E+02 | 3.9E+02 |
| 1.2E+00 | C | 1.1E-04 | C | | | | | | | | 1.4E+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 | | | 1.4E+09 | 2.4E+06 | 1 | 0.13 | ~Pyrene | 129-00-0 | | | | | 7.0E+03 | 2.3E+04 | | 5.4E+03 |
| | | | | 2.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Potassium Perfluorobutane Sulfonate | 29420-49-3 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| 1.5E-01 | I | | | 9.0E-03 | I | | | | | | 1.4E+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 | | | 1.4E+09 | 4.2E+05 | 1 | | Profluralin | 26399-36-0 | | | | | 1.4E+03 | | | 1.4E+03 |
| | | | | 1.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Prometon | 1610-18-0 | | | | | 3.5E+03 | 1.5E+04 | | 2.8E+03 |
| | | | | 4.0E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Prometryn | 7287-19-6 | | | | | 9.4E+03 | 4.0E+04 | | 7.6E+03 |
| | | | | 1.3E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Propachlor | 1918-16-7 | | | | | 3.1E+03 | 1.3E+04 | | 2.5E+03 |
| | | | | 5.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Propanil | 709-98-8 | | | | | 1.2E+03 | 4.9E+03 | | 9.5E+02 |
| 3.3E-02 | O | | | 4.0E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Propargite | 2312-35-8 | 2.1E+03 | 7.6E+03 | | 1.7E+03 | 9.4E+03 | 4.0E+04 | | 7.6E+03 |
| | | | | 2.0E-03 | I | | | V | | 1.1E+05 | 1.4E+09 | 6.3E+04 | 1 | | Propargyl Alcohol | 107-19-7 | | | | | 4.7E+02 | | | 4.7E+02 |
| | | | | 2.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Propazine | 139-40-2 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 2.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Propham | 122-42-9 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 1.0E-01 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Propiconazole | 60207-90-1 | | | | | 2.3E+04 | 9.9E+04 | | 1.9E+04 |
| | | | | | | 8.0E-03 | I | V | | 3.3E+04 | 1.4E+09 | 8.9E+03 | 1 | | Propionaldehyde | 123-38-6 | | | | | | | 2.2E+02 | 2.2E+02 |
| | | | | 1.0E-01 | X | 1.0E+00 | X | V | | 2.6E+02 | 1.4E+09 | 7.0E+03 | 1 | | Propyl benzene | 103-65-1 | | | | | 2.3E+04 | | 2.2E+04 | 1.1E+04 |
| | | | | | | 3.0E+00 | C | V | | 3.5E+02 | 1.4E+09 | 7.0E+02 | 1 | | Propylene | 115-07-1 | | | | | | | 6.6E+03 | 6.6E+03 |
| | | | | 2.0E+01 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Propylene Glycol | 57-55-6 | | | | | 4.7E+06 | 2.0E+07 | | 3.8E+06 |
| | | | | | | 2.7E-04 | A | | | | 1.4E+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 | | 1.1E+05 | 1.4E+09 | 7.8E+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 | | 7.8E+04 | 1.4E+09 | 1.0E+04 | 1 | | Propylene Oxide | 75-56-9 | 2.9E+02 | | 7.8E+02 | 2.1E+02 | | | 9.7E+02 | 9.7E+02 |
| | | | | 7.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Propyzamide | 23950-58-5 | | | | | 1.8E+04 | 7.4E+04 | | 1.4E+04 |
| | | | | 1.0E-03 | I | | | V | | 5.3E+05 | 1.4E+09 | 5.5E+04 | 1 | | Pyridine | 110-86-1 | | | | | 2.3E+02 | | | 2.3E+02 |
| | | | | 5.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Quinalphos | 13593-03-8 | | | | | 1.2E+02 | 4.9E+02 | | 9.5E+01 |
| 3.0E+00 | I | | | | | | | | | | 1.4E+09 | | 1 | 0.1 | Quinoline | 91-22-5 | 2.3E+01 | 8.2E+01 | | 1.8E+01 | | | | |
| | | | | 9.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Quizalofop-ethyl | 76578-14-8 | | | | | 2.1E+03 | 8.9E+03 | | 1.7E+03 |
| | | | | | | 3.0E-02 | A | | | | 1.4E+09 | | 1 | | Refractory Ceramic Fibers | E715557 | | | | | | | 1.3E+08 | 1.3E+08 |
| | | | | 3.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Resmethrin | 10453-86-8 | | | | | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| | | | | 5.0E-02 | H | | | V | | | 1.4E+09 | 4.6E+05 | 1 | | Ronnel | 299-84-3 | | | | | 1.2E+04 | | | 1.2E+04 |
| | | | | 4.0E-03 | I | | | | | | 1.4E+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 | | 1.4E+09 | | 1 | 0.1 | Safrole | 94-59-7 | 7.0E+01 | 2.7E+02 | 2.2E+06 | 5.5E+01 | | | | |
| | | | | 5.0E-03 | I | | | | | | 1.4E+09 | | 1 | | Selenious Acid | 7783-00-8 | | | | | 1.2E+03 | | | 1.2E+03 |
| | | | | 5.0E-03 | I | 2.0E-02 | C | | | | 1.4E+09 | | 1 | | Selenium | 7782-49-2 | | | | | 1.2E+03 | | 8.5E+07 | 1.2E+03 |
| | | | | 5.0E-03 | C | 2.0E-02 | C | | | | 1.4E+09 | | 1 | | Selenium Sulfide | 7446-34-6 | | | | | 1.2E+03 | | 8.5E+07 | 1.2E+03 |
| | | | | 1.4E-01 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Sethoxydim | 74051-80-2 | | | | | 3.3E+04 | 1.4E+05 | | 2.7E+04 |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | muta-gen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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 | C | | | | 1.4E+09 | | 1 | | Silica (crystalline, respirable) | 7631-86-9 | | | | | | | 1.3E+07 | 1.3E+07 |
| | | | | 5.0E-03 | I | | | | | | 1.4E+09 | | 0.04 | | Silver | 7440-22-4 | | | | | 1.2E+03 | | | 1.2E+03 |
| 1.2E-01 | H | | | 5.0E-03 | I | | | | | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Sodium Acifluorfen | 62476-59-9 | | | | | 3.1E+03 | 1.3E+04 | | 2.5E+03 |
| | | | | 4.0E-03 | I | | | | | | 1.4E+09 | | 1 | | Sodium Azide | 26628-22-8 | | | | | 9.4E+02 | | | 9.4E+02 |
| 2.7E-01 | H | | | 3.0E-02 | I | | | | | | 1.4E+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 | | | | 1.4E+09 | | 1 | | Sodium Fluoride | 7681-49-4 | | | | | 1.2E+04 | | 5.5E+07 | 1.2E+04 |
| | | | | 2.0E-05 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Sodium Fluoroacetate | 62-74-8 | | | | | 4.7E+00 | 2.0E+01 | | 3.8E+00 |
| | | | | 1.0E-03 | H | | | | | | 1.4E+09 | | 1 | | Sodium Metavanadate | 13718-26-8 | | | | | 2.3E+02 | | | 2.3E+02 |
| | | | | 8.0E-04 | P | | | | | | 1.4E+09 | | 1 | | Sodium Tungstate | 13472-45-2 | | | | | 1.9E+02 | | | 1.9E+02 |
| | | | | 8.0E-04 | P | | | | | | 1.4E+09 | | 1 | | Sodium Tungstate Dihydrate | 10213-10-2 | | | | | 1.9E+02 | | | 1.9E+02 |
| 2.4E-02 | H | | | 3.0E-02 | I | | | | | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | | Strontium, Stable | 7440-24-6 | | | | | 1.4E+05 | | | 1.4E+05 |
| | | | | 3.0E-04 | I | | | | | | 1.4E+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 | | 8.7E+02 | 1.4E+09 | 9.3E+03 | 1 | | Styrene | 100-42-5 | | | | | 4.7E+04 | | 2.9E+04 | 1.8E+04 |
| | | | | 3.0E-03 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Styrene-Acrylonitrile (SAN) Trimer | | | | | | 7.0E+02 | 3.0E+03 | | 5.7E+02 |
| | | | | 1.0E-03 | P | 2.0E-03 | X | | | | 1.4E+09 | | 1 | 0.1 | Sulfolane | 126-33-0 | | | | | 2.3E+02 | 9.9E+02 | 8.5E+06 | 1.9E+02 |
| | | | | 8.0E-04 | P | | | | | | 1.4E+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 | | | 1.4E+09 | | 1 | | Sulfur Trioxide | 7446-11-9 | | | | | | | 4.3E+06 | 4.3E+06 |
| | | | | | | 1.0E-03 | C | | | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester | 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 | | | | | | 1.4E+09 | | 1 | 0.1 | TCMTB | 21564-17-0 | | | | | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| | | | | 7.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Tebuthiuron | 34014-18-1 | | | | | 1.6E+04 | 6.9E+04 | | 1.3E+04 |
| | | | | 2.0E-02 | H | | | | | | 1.4E+09 | | 1 | 0.1 | Temephos | 3383-96-8 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 1.3E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Terbacil | 5902-51-2 | | | | | 3.1E+03 | 1.3E+04 | | 2.5E+03 |
| | | | | 2.5E-05 | H | | | V | | 3.1E+01 | 1.4E+09 | 2.6E+05 | 1 | | Terbufos | 13071-79-9 | | | | | 5.9E+00 | | | 5.9E+00 |
| | | | | 1.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Terbutryn | 886-50-0 | | | | | 2.3E+02 | 9.9E+02 | | 1.9E+02 |
| | | | | 1.0E-04 | I | | | | | | 1.4E+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-04 | I | | | V | | | 1.4E+09 | 5.1E+04 | 1 | | Tetrachlorobenzene, 1,2,4,5- | 95-94-3 | | | | | 7.0E+01 | | | 7.0E+01 |
| 2.6E-02 | I | 7.4E-06 | I | 3.0E-02 | I | | | V | | 6.8E+02 | 1.4E+09 | 5.7E+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 | | 1.9E+03 | 1.4E+09 | 1.5E+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 | | 1.7E+02 | 1.4E+09 | 2.3E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Tetrachlorophenol, 2,3,4,6- | 58-90-2 | | | | | 7.0E+03 | 3.0E+04 | | 5.7E+03 |
| 2.0E+01 | H | | | | | | | V | | | 1.4E+09 | 1.1E+05 | 1 | | Tetrachlorotoluene, p- alpha, alpha, alpha- | 5216-25-1 | 3.5E+00 | | | 3.5E+00 | | | | |
| | | | | 5.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Tetraethyl Dithiopyrophosphate | 3689-24-5 | | | | | 1.2E+02 | 4.9E+02 | | 9.5E+01 |
| | | | | | | 8.0E+01 | I | V | | 2.1E+03 | 1.4E+09 | 1.2E+03 | 1 | | Tetrafluoroethane, 1,1,1,2- | 811-97-2 | | | | | | | 3.1E+05 | 3.1E+05 |
| | | | | 2.0E-03 | P | | | | | | 1.4E+09 | | 1 | 0.00065 | Tetryl (Trinitrophenylmethylnitramine) | 479-45-8 | | | | | 4.7E+02 | 3.0E+05 | | 4.7E+02 |
| | | | | 2.0E-05 | S | | | | | | 1.4E+09 | | 1 | | Thallic Oxide | 1314-32-5 | | | | | 4.7E+00 | | | 4.7E+00 |
| | | | | 1.0E-05 | X | | | | | | 1.4E+09 | | 1 | | Thallium (I) Nitrate | 10102-45-1 | | | | | 2.3E+00 | | | 2.3E+00 |
| | | | | 1.0E-05 | X | | | | | | 1.4E+09 | | 1 | | Thallium (Soluble Salts) | 7440-28-0 | | | | | 2.3E+00 | | | 2.3E+00 |
| | | | | 1.0E-05 | X | | | V | | | 1.4E+09 | | 1 | | Thallium Acetate | 563-68-8 | | | | | 2.3E+00 | | | 2.3E+00 |
| | | | | 2.0E-05 | X | | | V | | | 1.4E+09 | | 1 | | Thallium Carbonate | 6533-73-9 | | | | | 4.7E+00 | | | 4.7E+00 |
| | | | | 1.0E-05 | X | | | | | | 1.4E+09 | | 1 | | Thallium Chloride | 7791-12-0 | | | | | 2.3E+00 | | | 2.3E+00 |
| | | | | 1.0E-05 | S | | | | | | 1.4E+09 | | 1 | | Thallium Selenite | 12039-52-0 | | | | | 2.3E+00 | | | 2.3E+00 |
| | | | | 2.0E-05 | X | | | | | | 1.4E+09 | | 1 | | Thallium Sulfate | 7446-18-6 | | | | | 4.7E+00 | | | 4.7E+00 |
| | | | | 4.3E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Thifensulfuron-methyl | 79277-27-3 | | | | | 1.0E+04 | 4.3E+04 | | 8.2E+03 |
| | | | | 1.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Thiobencarb | 28249-77-6 | | | | | 2.3E+03 | 9.9E+03 | | 1.9E+03 |
| | | | | 7.0E-02 | X | | | | | | 1.4E+09 | | 1 | 0.0075 | Thiodiglycol | 111-48-8 | | | | | 1.6E+04 | 9.2E+05 | | 1.6E+04 |
| | | | | 3.0E-04 | H | | | | | | 1.4E+09 | | 1 | 0.1 | Thiofanox | 39196-18-4 | | | | | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| 1.2E-02 | O | | | 2.7E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Thiophanate, Methyl | 23564-05-8 | 6.0E+03 | 2.1E+04 | | 4.7E+03 | 6.3E+03 | 2.6E+04 | | 5.1E+03 |
| | | | | 1.5E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Thiram | 137-26-8 | | | | | 3.5E+03 | 1.5E+04 | | 2.8E+03 |
| | | | | 6.0E-01 | H | | | | | | 1.4E+09 | | 1 | | Tin | 7440-31-5 | | | | | 1.4E+05 | | | 1.4E+05 |
| | | | | | | 1.0E-04 | A | V | | | 1.4E+09 | | 1 | | Titanium Tetrachloride | 7550-45-0 | | | | | | | 4.3E+05 | 4.3E+05 |
| | | | | 8.0E-02 | I | 5.0E+00 | I | V | | 8.2E+02 | 1.4E+09 | 4.3E+03 | 1 | | Toluene | 108-88-3 | | | | | 1.9E+04 | | 6.7E+04 | 1.5E+04 |
| | | 1.1E-05 | C | | | 8.0E-06 | C | V | | | 1.4E+09 | 7.6E+05 | 1 | | Toluene-2,4-diisocyanate | 584-84-9 | | | 1.9E+04 | 1.9E+04 | | | 1.9E+01 | 1.9E+01 |
| 1.8E-01 | X | | | 2.0E-04 | X | | | | | | 1.4E+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 |
| | | 1.1E-05 | C | | | 8.0E-06 | C | V | | 1.7E+03 | 1.4E+09 | 6.3E+05 | 1 | | Toluene-2,6-diisocyanate | 91-08-7 | | | 1.6E+04 | 1.6E+04 | | | 1.6E+01 | 1.6E+01 |
| | | | | 5.0E-03 | P | | | | | | 1.4E+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 | | | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | 3.4E-01 | 1.4E+09 | 1.4E+03 | 1 | | Total Petroleum Hydrocarbons (Aliphatic High) | E1790670 | | | | | 7.0E+05 | | | 7.0E+05 |
| | | | | | | 6.0E-01 | P | V | | 1.4E+02 | 1.4E+09 | 8.3E+02 | 1 | | Total Petroleum Hydrocarbons (Aliphatic Low) | E1790666 | | | | | | | 1.6E+03 | 1.6E+03 |
| | | | | 1.0E-02 | X | 1.0E-01 | P | V | | 6.9E+00 | 1.4E+09 | 1.0E+03 | 1 | | Total Petroleum Hydrocarbons (Aliphatic Medium) | E1790668 | | | | | 2.3E+03 | | 3.3E+02 | 2.9E+02 |
| | | | | 4.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Total Petroleum Hydrocarbons (Aromatic High) | E1790676 | | | | | 9.4E+03 | 4.0E+04 | | 7.6E+03 |
| | | | | 4.0E-03 | P | 3.0E-02 | P | V | | 1.8E+03 | 1.4E+09 | 3.5E+03 | 1 | | Total Petroleum Hydrocarbons (Aromatic Low) | E1790672 | | | | | 9.4E+02 | | 3.3E+02 | 2.5E+02 |
| | | | | 4.0E-03 | P | 3.0E-03 | P | V | | | 1.4E+09 | 5.2E+04 | 1 | | Total Petroleum Hydrocarbons (Aromatic Medium) | E1790674 | | | | | 9.4E+02 | | 4.9E+02 | 3.2E+02 |
| 1.1E+00 | I | 3.2E-04 | I | | | | | | | | 1.4E+09 | | 1 | 0.1 | Toxaphene | 8001-35-2 | 6.3E+01 | 2.2E+02 | 1.2E+06 | 4.9E+01 | | | | |
| | | | | 7.5E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Tralomethrin | 66841-25-6 | | | | | 1.8E+03 | 7.4E+03 | | 1.4E+03 |
| | | | | 3.0E-04 | A | | | V | | | 1.4E+09 | 3.4E+03 | 1 | | Tri-n-butyltin | 688-73-3 | | | | | 7.0E+01 | | | 7.0E+01 |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | muta-gen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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) |
| | | | | 8.0E+01 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Triacetin | 102-76-1 | | | | | 1.9E+07 | 7.9E+07 | | 1.5E+07 |
| | | | | 3.4E-02 | O | | | | | | 1.4E+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 | | | 1.4E+09 | 3.6E+05 | 1 | | Triallate | 2303-17-5 | 9.7E+02 | | | 9.7E+02 | 5.9E+03 | | | 5.9E+03 |
| | | | | 1.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Triasulfuron | 82097-50-5 | | | | | 2.3E+03 | 9.9E+03 | | 1.9E+03 |
| | | | | 8.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Tribenuron-methyl | 101200-48-0 | | | | | 1.9E+03 | 7.9E+03 | | 1.5E+03 |
| | | | | 5.0E-03 | I | | | V | | | 1.4E+09 | 4.8E+04 | 1 | | Tribromobenzene, 1,2,4- | 615-54-3 | | | | | 1.2E+03 | | | 1.2E+03 |
| | | | | 9.0E-03 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Tribromophenol, 2,4,6- | 118-79-6 | | | | | 2.1E+03 | 8.9E+03 | | 1.7E+03 |
| 9.0E-03 | P | | | 1.0E-02 | P | | | | | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Tributyltin Compounds | E1790678 | | | | | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| | | | | 3.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Tributyltin Oxide | 56-35-9 | | | | | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| | | | | 3.0E+01 | I | 5.0E+00 | P | V | | 9.1E+02 | 1.4E+09 | 1.3E+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 | | | | | | 1.4E+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 | | | | | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | | 1.4E+09 | 3.2E+04 | 1 | | Trichlorobenzene, 1,2,3- | 87-61-6 | | | | | 1.9E+02 | | | 1.9E+02 |
| 2.9E-02 | P | | | 1.0E-02 | I | 2.0E-03 | P | V | | 4.0E+02 | 1.4E+09 | 3.0E+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 | | 6.4E+02 | 1.4E+09 | 1.6E+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 | | 2.2E+03 | 1.4E+09 | 7.2E+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 | 6.9E+02 | 1.4E+09 | 2.2E+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 | | 1.2E+03 | 1.4E+09 | 1.0E+03 | 1 | | Trichlorofluoromethane | 75-69-4 | | | | | 7.0E+04 | | | 7.0E+04 |
| | | | | 1.0E-01 | I | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | 1.3E+03 | 1.4E+09 | 1.5E+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 | 1.4E+03 | 1.4E+09 | 1.6E+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 | | 3.1E+02 | 1.4E+09 | 2.3E+03 | 1 | | Trichloropropene, 1,2,3- | 96-19-5 | | | | | 7.0E+02 | | 2.2E+00 | 2.2E+00 |
| | | | | 2.0E-02 | A | | | | | | 1.4E+09 | | 1 | 0.1 | Tricresyl Phosphate (TCP) | 1330-78-5 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 3.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Tridiphane | 58138-08-2 | | | | | 7.0E+02 | 3.0E+03 | | 5.7E+02 |
| | | | | | | 7.0E-03 | I | V | | 2.8E+04 | 1.4E+09 | 1.6E+04 | 1 | | Triethylamine | 121-44-8 | | | | | | | 3.5E+02 | 3.5E+02 |
| | | | | 2.0E+00 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Triethylene Glycol | 112-27-6 | | | | | 4.7E+05 | 2.0E+06 | | 3.8E+05 |
| | | | | | | 2.0E+01 | P | V | | 4.8E+03 | 1.4E+09 | 7.1E+02 | 1 | | Trifluoroethane, 1,1,1- | 420-46-2 | | | | | | | 4.5E+04 | 4.5E+04 |
| 7.7E-03 | I | | | 7.5E-03 | I | | | V | | | 1.4E+09 | 5.1E+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 | | | | | | 1.4E+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 | | 2.9E+02 | 1.4E+09 | 9.4E+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 | | 2.2E+02 | 1.4E+09 | 7.9E+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 | | 1.8E+02 | 1.4E+09 | 6.6E+03 | 1 | | Trimethylbenzene, 1,3,5- | 108-67-8 | | | | | 2.3E+03 | | 1.2E+03 | 8.1E+02 |
| | | | | 1.0E-02 | X | | | V | | 3.0E+01 | 1.4E+09 | 1.0E+03 | 1 | | Trimethylpentene, 2,4,4- | 25167-70-8 | | | | | 2.3E+03 | | | 2.3E+03 |
| | | | | 3.0E-02 | I | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | 0.1 | Triphenylphosphine Oxide | 791-28-6 | | | | | 4.7E+03 | 2.0E+04 | | 3.8E+03 |
| | | | | 2.0E-02 | A | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | 4.7E+02 | 1.4E+09 | 9.0E+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 | | | | | | 1.4E+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 | | | | | | 1.4E+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 | | | | | | 1.4E+09 | | 1 | | Tungsten | 7440-33-7 | | | | | 1.9E+02 | | | 1.9E+02 |
| | | | | 2.0E-04 | A | 4.0E-05 | A | | | | 1.4E+09 | | 1 | | Uranium (Soluble Salts) | E715565 | | | | | 4.7E+01 | | 1.7E+05 | 4.7E+01 |
| 1.0E+00 | C | 2.9E-04 | C | | | | | | M | | 1.4E+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 | | | | 1.4E+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 | S | 1.0E-04 | A | | | | 1.4E+09 | | 0.026 | | Vanadium and Compounds | 7440-62-2 | | | | | 1.2E+03 | | 4.3E+05 | 1.2E+03 |
| | | | | 1.0E-03 | I | | | V | | | 1.4E+09 | 1.2E+05 | 1 | | Vernolate | 1929-77-7 | | | | | 2.3E+02 | | | 2.3E+02 |
| | | | | 1.2E-03 | O | | | | | | 1.4E+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 | | 2.8E+03 | 1.4E+09 | 4.4E+03 | 1 | | Vinyl Acetate | 108-05-4 | | | | | 2.3E+05 | | 2.8E+03 | 2.7E+03 |
| | | 3.2E-05 | H | | | 3.0E-03 | I | V | | 2.5E+03 | 1.4E+09 | 1.4E+03 | 1 | | Vinyl Bromide | 593-60-2 | | | 1.2E+01 | 1.2E+01 | | | 1.3E+01 | 1.3E+01 |
| 7.2E-01 | I | 4.4E-06 | I | 3.0E-03 | I | 1.0E-01 | I | V | M | 3.9E+03 | 1.4E+09 | 9.6E+02 | 1 | | Vinyl Chloride | 75-01-4 | 9.4E+00 | | 1.6E+01 | 5.9E+00 | 7.0E+02 | | 3.0E+02 | 2.1E+02 |
| | | | | 3.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Warfarin | 81-81-2 | | | | | 7.0E+01 | 3.0E+02 | | 5.7E+01 |
| | | | | 2.0E-01 | S | 1.0E-01 | S | V | | 3.9E+02 | 1.4E+09 | 5.6E+03 | 1 | | Xylene, P- | 106-42-3 | | | | | 4.7E+04 | | 1.7E+03 | 1.7E+03 |
| | | | | 2.0E-01 | S | 1.0E-01 | S | V | | 3.9E+02 | 1.4E+09 | 5.5E+03 | 1 | | Xylene, m- | 108-38-3 | | | | | 4.7E+04 | | 1.7E+03 | 1.7E+03 |
| | | | | 2.0E-01 | S | 1.0E-01 | S | V | | 4.3E+02 | 1.4E+09 | 6.5E+03 | 1 | | Xylene, o- | 95-47-6 | | | | | 4.7E+04 | | 2.0E+03 | 1.9E+03 |
| | | | | 2.0E-01 | I | 1.0E-01 | I | V | | 2.6E+02 | 1.4E+09 | 5.7E+03 | 1 | | Xylenes | 1330-20-7 | | | | | 4.7E+04 | | 1.8E+03 | 1.7E+03 |
| | | | | 3.0E-04 | I | | | | | | 1.4E+09 | | 1 | | Zinc Phosphide | 1314-84-7 | | | | | 7.0E+01 | | | 7.0E+01 |
| | | | | 3.0E-01 | I | | | | | | 1.4E+09 | | 1 | | Zinc and Compounds | 7440-66-6 | | | | | 7.0E+04 | | | 7.0E+04 |
| | | | | 5.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Zineb | 12122-67-7 | | | | | 1.2E+04 | 4.9E+04 | | 9.5E+03 |
| | | | | 8.0E-05 | X | | | | | | 1.4E+09 | | 1 | | Zirconium | 7440-67-7 | | | | | 1.9E+01 | | | 1.9E+01 |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | muta-gen | LOGP | GIABS | FA | In EPD? | Analyte | CAS No. | Ingestion SL TR=1E-04 (ug/L) | Dermal SL TR=1E-04 (ug/L) | Inhalation SL TR=1E-04 (ug/L) | Carcinogenic SL TR=1E-04 (ug/L) | Ingestion SL Child THQ=3 (ug/L) | Dermal SL Child THQ=3 (ug/L) | Inhalation SL Child THQ=3 (ug/L) | Noncarcinogenic SL Child THI=3 (ug/L) | MCL (ug/L) |
| | | | | 1.2E-03 | O | | | | | -0.85 | 1 | 1 | Yes | Acephate | 30560-19-1 | | | | | 7.2E+01 | 1.0E+05 | | 7.2E+01 | |
| | | 2.2E-06 | I | | | 9.0E-03 | I | V | | -0.34 | 1 | 1 | Yes | Acetaldehyde | 75-07-0 | | | 2.6E+02 | 2.6E+02 | | | 5.6E+01 | 5.6E+01 | |
| | | | | 2.0E-02 | I | | | | | 3.03 | 1 | 0.9 | Yes | Acetochlor | 34256-82-1 | | | | | 1.2E+03 | 8.8E+03 | | 1.1E+03 | |
| | | | | 9.0E-01 | I | 3.1E+01 | A | V | | -0.24 | 1 | 1 | Yes | Acetone | 67-64-1 | | | | | 5.4E+04 | 1.3E+07 | 1.9E+05 | 4.2E+04 | |
| | | | | | | 2.0E-03 | X | | | -0.03 | 1 | 1 | Yes | Acetone Cyanohydrin | 75-86-5 | | | | | | | | | |
| | | | | | | 6.0E-02 | I | V | | -0.34 | 1 | 1 | Yes | Acetonitrile | 75-05-8 | | | | | | | 3.8E+02 | 3.8E+02 | |
| | | | | 1.0E-01 | I | | | V | | 1.58 | 1 | 1 | Yes | Acetophenone | 98-86-2 | | | | | 6.0E+03 | 1.4E+05 | | 5.8E+03 | |
| 3.8E+00 | C | 1.3E-03 | C | | | | | | | 3.12 | 1 | 1 | Yes | Acetylaminofluorene, 2- | 53-96-3 | 2.1E+00 | 6.7E+00 | | 1.6E+00 | | | | | |
| | | | | 5.0E-04 | I | 2.0E-05 | I | V | | -0.01 | 1 | 1 | Yes | Acrolein | 107-02-8 | | | | | 3.0E+01 | 5.1E+03 | 1.3E-01 | 1.2E-01 | |
| 5.0E-01 | I | 1.0E-04 | I | 2.0E-03 | I | 6.0E-03 | I | | M | -0.67 | 1 | 1 | Yes | Acrylamide | 79-06-1 | 5.0E+00 | 2.3E+03 | | 5.0E+00 | 1.2E+02 | 6.3E+04 | | 1.2E+02 | |
| | | | | 5.0E-01 | I | 1.0E-03 | I | V | | 0.35 | 1 | 1 | Yes | Acrylic Acid | 79-10-7 | | | | | 3.0E+04 | 3.3E+06 | 6.3E+00 | 6.3E+00 | |
| 5.4E-01 | I | 6.8E-05 | I | 4.0E-02 | A | 2.0E-03 | I | V | | 0.25 | 1 | 1 | Yes | Acrylonitrile | 107-13-1 | 1.4E+01 | 1.4E+03 | 8.3E+00 | 5.2E+00 | 2.4E+03 | 2.7E+05 | 1.3E+01 | 1.2E+01 | |
| | | | | | | 6.0E-03 | P | | | -0.32 | 1 | 1 | Yes | Adiponitrile | 111-69-3 | | | | | | | | | |
| 5.6E-02 | C | | | 1.0E-02 | I | | | | | 3.52 | 1 | 0.9 | Yes | Alachlor | 15972-60-8 | 1.4E+02 | 4.4E+02 | | 1.1E+02 | 6.0E+02 | 2.1E+03 | | 4.7E+02 | 2.0E+00 |
| | | | | 1.0E-03 | I | | | | | 1.13 | 1 | 1 | Yes | Aldicarb | 116-06-3 | | | | | 6.0E+01 | 4.3E+03 | | 5.9E+01 | 3.0E+00 |
| | | | | 1.0E-03 | I | | | | | -0.57 | 1 | 1 | Yes | Aldicarb Sulfone | 1646-88-4 | | | | | 6.0E+01 | 7.2E+04 | | 6.0E+01 | 2.0E+00 |
| | | | | | | | | | | -0.78 | 1 | 1 | Yes | Aldicarb sulfoxide | 1646-87-3 | | | | | | | | | 4.0E+00 |
| 1.7E+01 | I | 4.9E-03 | I | 3.0E-05 | I | | | V | | 6.5 | 1 | 1 | No | Aldrin | 309-00-2 | 4.6E-01 | | 1.1E-01 | 9.2E-02 | 1.8E+00 | | | 1.8E+00 | |
| | | | | 5.0E-03 | I | 1.0E-04 | X | V | | 0.17 | 1 | 1 | Yes | Allyl Alcohol | 107-18-6 | | | | | 3.0E+02 | 3.9E+04 | 6.3E-01 | 6.2E-01 | |
| 2.1E-02 | C | 6.0E-06 | C | | | 1.0E-03 | I | V | | 1.93 | 1 | 1 | Yes | Allyl Chloride | 107-05-1 | 3.7E+02 | 3.5E+03 | 9.4E+01 | 7.3E+01 | | | 6.3E+00 | 6.3E+00 | |
| | | | | 1.0E+00 | P | 5.0E-03 | P | | | | 1 | 1 | Yes | Aluminum | 7429-90-5 | | | | | 6.0E+04 | 1.4E+07 | | 6.0E+04 | |
| | | | | 4.0E-04 | I | | | | | | 1 | 1 | Yes | Aluminum Phosphide | 20859-73-8 | | | | | 2.4E+01 | 5.5E+03 | | 2.4E+01 | |
| | | | | 9.0E-03 | I | | | | | 2.98 | 1 | 1 | Yes | Ametryn | 834-12-8 | | | | | 5.4E+02 | 2.9E+03 | | 4.6E+02 | |
| 2.1E+01 | C | 6.0E-03 | C | | | | | | | 2.86 | 1 | 1 | Yes | Aminobiphenyl, 4- | 92-67-1 | 3.7E-01 | 1.5E+00 | | 3.0E-01 | | | | | |
| | | | | 8.0E-02 | P | | | | | 0.21 | 1 | 1 | Yes | Aminophenol, m- | 591-27-5 | | | | | 4.8E+03 | 8.4E+05 | | 4.8E+03 | |
| | | | | 4.0E-03 | X | | | | | 0.62 | 1 | 1 | Yes | Aminophenol, o- | 95-55-6 | | | | | 2.4E+02 | 2.2E+04 | | 2.4E+02 | |
| | | | | 2.0E-02 | P | | | | | 0.04 | 1 | 1 | Yes | Aminophenol, p- | 123-30-8 | | | | | 1.2E+03 | 2.7E+05 | | 1.2E+03 | |
| | | | | 2.5E-03 | I | | | | | 5.5 | 1 | 0.9 | Yes | Amitraz | 33089-61-1 | | | | | 1.5E+02 | 2.9E+01 | | 2.5E+01 | |
| | | | | | | 5.0E-01 | I | V | | 0.23 | 1 | 1 | | Ammonia | 7664-41-7 | | | | | | | | | |
| | | | | 2.0E-01 | I | | | | | | 1 | 1 | Yes | Ammonium Sulfamate | 7773-06-0 | | | | | 1.2E+04 | 2.7E+06 | | 1.2E+04 | |
| | | | | | | 3.0E-03 | X | V | | 0.89 | 1 | 1 | Yes | Amyl Alcohol, tert- | 75-85-4 | | | | | | | 1.9E+01 | 1.9E+01 | |
| 5.7E-03 | I | 1.6E-06 | C | 7.0E-03 | P | 1.0E-03 | I | | | 0.9 | 1 | 1 | Yes | Aniline | 62-53-3 | 1.4E+03 | 6.9E+04 | | 1.3E+03 | 4.2E+02 | 2.3E+04 | | 4.1E+02 | |
| 4.0E-02 | P | | | 2.0E-03 | X | | | | | 3.39 | 1 | 0.9 | Yes | Anthraquinone, 9,10- | 84-65-1 | 1.9E+02 | 5.1E+02 | | 1.4E+02 | 1.2E+02 | 3.4E+02 | | 8.9E+01 | |
| | | | | 4.0E-04 | I | | | | | | 0.15 | 1 | Yes | Antimony (metallic) | 7440-36-0 | | | | | 2.4E+01 | 8.2E+02 | | 2.3E+01 | 6.0E+00 |
| | | | | 5.0E-04 | H | | | | | | 0.15 | 1 | Yes | Antimony Pentoxide | 1314-60-9 | | | | | 3.0E+01 | 1.0E+03 | | 2.9E+01 | |
| | | | | 4.0E-04 | H | | | | | | 0.15 | 1 | Yes | Antimony Tetroxide | 1332-81-6 | | | | | 2.4E+01 | 8.2E+02 | | 2.3E+01 | |
| | | | | | | 2.0E-04 | I | | | | 0.15 | 1 | Yes | Antimony Trioxide | 1309-64-4 | | | | | | | | | |
| 1.5E+00 | I | 4.3E-03 | I | 3.0E-04 | I | 1.5E-05 | C | | | | 1 | 1 | Yes | Arsenic, Inorganic | 7440-38-2 | 5.2E+00 | 9.7E+02 | | 5.2E+00 | 1.8E+01 | 4.1E+03 | | 1.8E+01 | 1.0E+01 |
| | | | | 3.5E-06 | C | 5.0E-05 | I | | | | 1 | 1 | Yes | Arsine | 7784-42-1 | | | | | 2.1E-01 | 4.8E+01 | | 2.1E-01 | |
| | | | | 3.6E-02 | O | | | | | -0.27 | 1 | 1 | Yes | Asulam | 3337-71-1 | | | | | 2.2E+03 | 1.7E+06 | | 2.2E+03 | |
| 2.3E-01 | C | | | 3.5E-02 | I | | | | | 2.61 | 1 | 1 | Yes | Atrazine | 1912-24-9 | 3.4E+01 | 2.8E+02 | | 3.0E+01 | 2.1E+03 | 1.9E+04 | | 1.9E+03 | 3.0E+00 |
| 8.8E-01 | C | 2.5E-04 | C | | | | | | | 2.98 | 1 | 0.9 | Yes | Auramine | 492-80-8 | 8.9E+00 | 2.7E+01 | | 6.7E+00 | | | | | |
| | | | | 4.0E-04 | I | | | | | 4.48 | 1 | 1 | No | Avermectin B1 | 65195-55-3 | | | | | 2.4E+01 | | | 2.4E+01 | |
| | | | | 3.0E-03 | A | 1.0E-02 | A | | | 2.75 | 1 | 1 | Yes | Azinphos-methyl | 86-50-0 | | | | | 1.8E+02 | 2.5E+03 | | 1.7E+02 | |
| 1.1E-01 | I | 3.1E-05 | I | | | | | V | | 3.82 | 1 | 1 | Yes | Azobenzene | 103-33-3 | 7.1E+01 | 7.3E+01 | 1.8E+01 | 1.2E+01 | | | | | |
| | | | | 1.0E+00 | P | 7.0E-06 | P | | | -1.7 | 1 | 1 | Yes | Azodicarbonamide | 123-77-3 | | | | | 6.0E+04 | 2.0E+08 | | 6.0E+04 | |
| | | | | 2.0E-01 | I | 5.0E-04 | H | | | | 0.07 | 1 | Yes | Barium | 7440-39-3 | | | | | 1.2E+04 | 1.9E+05 | | 1.1E+04 | 2.0E+03 |
| | | | | 5.0E-03 | O | | | V | | 5.29 | 1 | 0.8 | Yes | Benfluralin | 1861-40-1 | | | | | 3.0E+02 | 1.2E+02 | | 8.5E+01 | |
| | | | | 5.0E-02 | I | | | | | 2.12 | 1 | 1 | Yes | Benomyl | 17804-35-2 | | | | | 3.0E+03 | 9.1E+04 | | 2.9E+03 | |
| | | | | 2.0E-01 | I | | | | | 2.18 | 1 | 1 | Yes | Bensulfuron-methyl | 83055-99-6 | | | | | 1.2E+04 | 7.3E+05 | | 1.2E+04 | |
| | | | | 3.0E-02 | I | | | | | 2.34 | 1 | 1 | Yes | Bentazon | 25057-89-0 | | | | | 1.8E+03 | 2.8E+04 | | 1.7E+03 | |
| 4.0E-03 | P | | | 1.0E-01 | I | | | V | | 1.48 | 1 | 1 | Yes | Benzaldehyde | 100-52-7 | 1.9E+03 | 4.4E+04 | | 1.9E+03 | 6.0E+03 | 1.5E+05 | | 5.8E+03 | |
| 5.5E-02 | I | 7.8E-06 | I | 4.0E-03 | I | 3.0E-02 | I | V | | 2.13 | 1 | 1 | Yes | Benzene | 71-43-2 | 1.4E+02 | 9.8E+02 | 7.2E+01 | 4.6E+01 | 2.4E+02 | 1.8E+03 | 1.9E+02 | 1.0E+02 | 5.0E+00 |
| 1.0E-01 | X | | | 3.0E-04 | X | | | | | -3.727 | 1 | 1 | No | Benzenediamine-2-methyl sulfate, 1,4- | 6369-59-1 | 7.8E+01 | | | 7.8E+01 | 1.8E+01 | | | 1.8E+01 | |
| | | | | 1.0E-03 | P | | | V | | 2.52 | 1 | 1 | Yes | Benzenethiol | 108-98-5 | | | | | 6.0E+01 | 3.1E+02 | | 5.0E+01 | |
| 2.3E+02 | I | 6.7E-02 | I | 3.0E-03 | I | | | | M | 1.34 | 1 | 1 | Yes | Benzidine | 92-87-5 | 1.1E-02 | 5.0E-01 | | 1.1E-02 | 1.8E+02 | 9.1E+03 | | 1.8E+02 | |
| | | | | 4.0E+00 | I | | | | | 1.87 | 1 | 1 | Yes | Benzoic Acid | 65-85-0 | | | | | 2.4E+05 | 3.6E+06 | | 2.3E+05 | |
| 1.3E+01 | I | | | | | | | V | | 3.9 | 1 | 1 | Yes | Benzotrichloride | 98-07-7 | 6.0E-01 | 6.0E-01 | | 3.0E-01 | | | | | |
| | | | | 1.0E-01 | P | | | | | 1.1 | 1 | 1 | Yes | Benzyl Alcohol | 100-51-6 | | | | | 6.0E+03 | 2.7E+05 | | 5.9E+03 | |
| 1.7E-01 | I | 4.9E-05 | C | 2.0E-03 | P | 1.0E-03 | P | V | | 2.3 | 1 | 1 | Yes | Benzyl Chloride | 100-44-7 | 4.6E+01 | 3.4E+02 | 1.1E+01 | 8.9E+00 | 1.2E+02 | 9.6E+02 | 6.3E+00 | 5.9E+00 | |
| | | 2.4E-03 | I | 2.0E-03 | I | 2.0E-05 | I | | | | 0.007 | 1 | Yes | Beryllium and compounds | 7440-41-7 | | | | | 1.2E+02 | 1.9E+02 | | 7.4E+01 | 4.0E+00 |
| | | | | 9.0E-03 | P | | | | | 4.48 | 1 | 0.9 | Yes | Bifenox | 42576-02-3 | | | | | 5.4E+02 | 6.9E+02 | | 3.0E+02 | |
| | | | | 1.5E-02 | I | | | | | 6 | 1 | 0 | Yes | Biphenthrin | 82657-04-3 | | | | | 9.0E+02 | | | 9.0E+02 | |
| 8.0E-03 | I | | | 5.0E-01 | I | 4.0E-04 | X | V | | 4.01 | 1 | 1 | Yes | Biphenyl, 1,1'- | 92-52-4 | 9.7E+02 | 6.5E+02 | | 3.9E+02 | 3.0E+04 | 2.2E+04 | 2.5E+00 | 2.5E+00 | |
| | | | | 4.0E-02 | I | | | V | | 2.48 | 1 | 1 | Yes | Bis(2-chloro-1-methylethyl) ether | 108-60-1 | | | | | 2.4E+03 | 1.9E+04 | | 2.1E+03 | |
| | | | | 3.0E-03 | P | | | | | 1.3 | 1 | 1 | Yes | Bis(2-chloroethoxy)methane | 111-91-1 | | | | | 1.8E+02 | 9.0E+03 | | 1.8E+02 | |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | muta-gen | LOGP | GIABS | FA | In EPD? | Analyte | CAS No. | Ingestion SL TR=1E-04 (ug/L) | Dermal SL TR=1E-04 (ug/L) | Inhalation SL TR=1E-04 (ug/L) | Carcinogenic SL TR=1E-04 (ug/L) | Ingestion SL Child THQ=3 (ug/L) | Dermal SL Child THQ=3 (ug/L) | Inhalation SL Child THQ=3 (ug/L) | Noncarcinogenic SL Child THI=3 (ug/L) | MCL (ug/L) |
| 1.1E+00 | I | 3.3E-04 | I | | | | | V | | 1.29 | 1 | 1 | Yes | Bis(2-chloroethyl)ether | 111-44-4 | 7.1E+00 | 2.7E+02 | 1.7E+00 | 1.4E+00 | | | | | |
| 2.2E+02 | I | 6.2E-02 | I | | | | | V | | 0.57 | 1 | 1 | Yes | Bis(chloromethyl)ether | 542-88-1 | 3.5E-02 | 3.4E+00 | 9.1E-03 | 7.2E-03 | | | | | |
| | | | | 5.0E-02 | I | | | | | 3.32 | 1 | 1 | Yes | Bisphenol A | 80-05-7 | | | | | 3.0E+03 | 9.7E+03 | | 2.3E+03 | |
| | | | | 2.0E-01 | I | 2.0E-02 | H | | | | 1 | 1 | Yes | Boron And Borates Only | 7440-42-8 | | | | | 1.2E+04 | 2.7E+06 | | 1.2E+04 | |
| | | | | 2.0E+00 | P | 2.0E-02 | P | V | | 1.16 | 1 | 1 | Yes | Boron Trichloride | 10294-34-5 | | | | | 1.2E+05 | 2.7E+07 | 1.3E+02 | 1.3E+02 | |
| | | | | 4.0E-02 | C | 1.3E-02 | C | V | | 0.22 | 1 | 1 | Yes | Boron Trifluoride | 7637-07-2 | | | | | 2.4E+03 | 5.5E+05 | 8.1E+01 | 7.9E+01 | |
| 7.0E-01 | I | | | 4.0E-03 | I | | | | | | 1 | 1 | Yes | Bromate | 15541-45-4 | 1.1E+01 | 2.1E+03 | | 1.1E+01 | 2.4E+02 | 5.5E+04 | | 2.4E+02 | 1.0E+01 |
| 2.0E+00 | X | 6.0E-04 | X | | | | | V | | 1.92 | 1 | 1 | Yes | Bromo-2-chloroethane, 1- | 107-04-0 | 3.9E+00 | 5.7E+01 | 9.4E-01 | 7.4E-01 | | | | | |
| | | | | 3.0E-04 | X | | | V | | 2.92 | 1 | 1 | Yes | Bromo-3-fluorobenzene, 1- | 1073-06-9 | | | | | 1.8E+01 | 7.7E+01 | | 1.5E+01 | |
| | | | | 3.0E-04 | X | | | V | | 3.08 | 1 | 1 | Yes | Bromo-4-fluorobenzene, 1- | 460-00-4 | | | | | 1.8E+01 | 6.0E+01 | | 1.4E+01 | |
| | | | | 8.0E-03 | I | 6.0E-02 | I | V | | 2.99 | 1 | 1 | Yes | Bromobenzene | 108-86-1 | | | | | 4.8E+02 | 1.6E+03 | 3.8E+02 | 1.9E+02 | |
| | | | | | | 4.0E-02 | X | V | | 1.41 | 1 | 1 | Yes | Bromochloromethane | 74-97-5 | | | | | | | 2.5E+02 | 2.5E+02 | |
| 6.2E-02 | I | 3.7E-05 | C | 2.0E-02 | I | | | V | | 2 | 1 | 1 | Yes | Bromodichloromethane | 75-27-4 | 1.3E+02 | 1.9E+03 | 1.5E+01 | 1.3E+01 | 1.2E+03 | 1.9E+04 | | 1.1E+03 | 8.0E+01(F |
| 7.9E-03 | I | 1.1E-06 | I | 2.0E-02 | I | | | V | | 2.4 | 1 | 1 | Yes | Bromoform | 75-25-2 | 9.9E+02 | 1.4E+04 | 5.1E+02 | 3.3E+02 | 1.2E+03 | 1.9E+04 | | 1.1E+03 | 8.0E+01(F |
| | | | | 1.4E-03 | I | 5.0E-03 | I | V | | 1.19 | 1 | 1 | Yes | Bromomethane | 74-83-9 | | | | | 8.4E+01 | 3.0E+03 | 3.1E+01 | 2.3E+01 | |
| | | | | 5.0E-03 | H | | | V | | 5.21 | 1 | 0.8 | Yes | Bromophos | 2104-96-3 | | | | | 3.0E+02 | 1.6E+02 | | 1.1E+02 | |
| | | | | | | 1.0E-01 | A | V | | 2.1 | 1 | 1 | Yes | Bromopropane, 1- | 106-94-5 | | | | | | | 6.3E+02 | 6.3E+02 | |
| 1.0E-01 | O | | | 1.5E-02 | O | | | | | 2.8 | 1 | 0.9 | Yes | Bromoxynil | 1689-84-5 | 7.6E+01 | 3.1E+02 | | 6.1E+01 | 9.0E+02 | 4.0E+03 | | 7.4E+02 | |
| | | | | 1.5E-02 | O | | | V | | 5.4 | 1 | 0.8 | Yes | Bromoxynil Octanoate | 1689-99-2 | | | | | 9.0E+02 | 4.7E+02 | | 3.1E+02 | |
| 3.4E+00 | C | 3.0E-05 | I | | | 2.0E-03 | I | V | | 1.99 | 1 | 1 | Yes | Butadiene, 1,3- | 106-99-0 | 2.3E+00 | 1.6E+01 | 1.9E+01 | 1.8E+00 | | | 1.3E+01 | 1.3E+01 | |
| | | | | 3.0E-02 | O | | | | | 3.53 | 1 | 0.9 | Yes | Butanoic acid, 4-(2,4-dichlorophenoxy)- | 94-82-6 | | | | | 1.8E+03 | 5.4E+03 | | 1.4E+03 | |
| | | | | 1.0E-01 | I | | | V | | 0.88 | 1 | 1 | Yes | Butanol, N- | 71-36-3 | | | | | 6.0E+03 | 3.0E+05 | | 5.9E+03 | |
| | | | | 2.0E+00 | P | 3.0E+01 | P | V | | 0.61 | 1 | 1 | Yes | Butyl alcohol, sec- | 78-92-2 | | | | | 1.2E+05 | 9.1E+06 | 1.9E+05 | 7.3E+04 | |
| | | | | 5.0E-02 | I | | | V | | 4.15 | 1 | 1 | Yes | Butylate | 2008-41-5 | | | | | 3.0E+03 | 2.5E+03 | | 1.4E+03 | |
| 2.0E-04 | C | 5.7E-08 | C | | | | | | | 3.5 | 1 | 0.8 | Yes | Butylated hydroxyanisole | 25013-16-5 | 3.9E+04 | 2.5E+04 | | 1.5E+04 | | | | | |
| 3.6E-03 | P | | | 3.0E-01 | P | | | | | 5.1 | 1 | 1 | Yes | Butylated hydroxytoluene | 128-37-0 | 2.2E+03 | 4.0E+02 | | 3.4E+02 | 1.8E+04 | 3.6E+03 | | 3.0E+03 | |
| | | | | 5.0E-02 | P | | | V | | 4.38 | 1 | 1 | No | Butylbenzene, n- | 104-51-8 | | | | | 3.0E+03 | | | 3.0E+03 | |
| | | | | 1.0E-01 | X | | | V | | 4.57 | 1 | 1 | No | Butylbenzene, sec- | 135-98-8 | | | | | 6.0E+03 | | | 6.0E+03 | |
| | | | | 1.0E-01 | X | | | V | | 4.11 | 1 | 1 | Yes | Butylbenzene, tert- | 98-06-6 | | | | | 6.0E+03 | 3.2E+03 | | 2.1E+03 | |
| | | | | 2.0E-02 | A | | | | | 0.36 | 1 | 1 | Yes | Cacodylic Acid | 75-60-5 | | | | | 1.2E+03 | 2.0E+05 | | 1.2E+03 | |
| | | 1.8E-03 | I | 1.0E-03 | I | 1.0E-05 | A | | | | 0.025 | 1 | | Cadmium (Diet) | 7440-43-9 | | | | | | | | | |
| | | 1.8E-03 | I | 5.0E-04 | I | 1.0E-05 | A | | | | 0.05 | 1 | Yes | Cadmium (Water) | 7440-43-9 | | | | | 3.0E+01 | 3.4E+02 | | 2.8E+01 | 5.0E+00 |
| | | | | 5.0E-01 | I | 2.2E-03 | C | | | -0.19 | 1 | 1 | Yes | Caprolactam | 105-60-2 | | | | | 3.0E+04 | 2.7E+06 | | 3.0E+04 | |
| 1.5E-01 | C | 4.3E-05 | C | 2.0E-03 | I | | | | | 3.8 | 1 | 0.9 | Yes | Captafol | 2425-06-1 | 5.2E+01 | 1.8E+02 | | 4.0E+01 | 1.2E+02 | 4.5E+02 | | 9.5E+01 | |
| 2.3E-03 | C | 6.6E-07 | C | 1.3E-01 | I | | | | | 2.8 | 1 | 1 | Yes | Captan | 133-06-2 | 3.4E+03 | 3.6E+04 | | 3.1E+03 | 7.8E+03 | 9.0E+04 | | 7.2E+03 | |
| | | | | 1.0E-01 | I | | | | | 2.36 | 1 | 1 | Yes | Carbaryl | 63-25-2 | | | | | 6.0E+03 | 7.1E+04 | | 5.5E+03 | |
| | | | | 5.0E-03 | I | | | | | 2.32 | 1 | 1 | Yes | Carbofuran | 1563-66-2 | | | | | 3.0E+02 | 4.3E+03 | | 2.8E+02 | 4.0E+01 |
| | | | | 1.0E-01 | I | 7.0E-01 | I | V | | 1.94 | 1 | 1 | Yes | Carbon Disulfide | 75-15-0 | | | | | 6.0E+03 | 6.0E+04 | 4.4E+03 | 2.4E+03 | |
| 7.0E-02 | I | 6.0E-06 | I | 4.0E-03 | I | 1.0E-01 | I | V | | 2.83 | 1 | 1 | Yes | Carbon Tetrachloride | 56-23-5 | 1.1E+02 | 4.3E+02 | 9.4E+01 | 4.6E+01 | 2.4E+02 | 1.0E+03 | 6.3E+02 | 1.5E+02 | 5.0E+00 |
| | | | | | | 1.0E-01 | P | V | | -1.33 | 1 | 1 | Yes | Carbonyl Sulfide | 463-58-1 | | | | | | | 6.3E+02 | 6.3E+02 | |
| | | | | 1.0E-02 | I | | | | | 5.57 | 1 | 0.8 | Yes | Carbosulfan | 55285-14-8 | | | | | 6.0E+02 | 2.1E+02 | | 1.5E+02 | |
| | | | | 1.0E-01 | I | | | | | 2.14 | 1 | 1 | Yes | Carboxin | 5234-68-4 | | | | | 6.0E+03 | 1.2E+05 | | 5.7E+03 | |
| | | | | | | 9.0E-04 | I | | | | 1 | 1 | Yes | Ceric oxide | 1306-38-3 | | | | | | | | | |
| | | | | 1.0E-01 | I | | | V | | 0.99 | 1 | 1 | Yes | Chloral Hydrate | 302-17-0 | | | | | 6.0E+03 | 4.6E+05 | | 5.9E+03 | |
| | | | | 1.5E-02 | I | | | | | 1.9 | 1 | 1 | Yes | Chloramben | 133-90-4 | | | | | 9.0E+02 | 2.2E+04 | | 8.7E+02 | |
| 4.0E-01 | H | | | | | | | | | 2.22 | 1 | 1 | Yes | Chloranil | 118-75-2 | 1.9E+01 | 3.5E+02 | | 1.8E+01 | | | | | |
| 3.5E-01 | I | 1.0E-04 | I | 5.0E-04 | I | 7.0E-04 | I | V | | 6.16 | 1 | 0.7 | Yes | Chlordane | 12789-03-6 | 2.2E+01 | 3.6E+00 | 5.6E+00 | 2.0E+00 | 3.0E+01 | 5.3E+00 | 4.4E+00 | 2.2E+00 | 2.0E+00 |
| 1.0E+01 | I | 4.6E-03 | C | 3.0E-04 | I | | | | | 5.41 | 1 | 0.8 | Yes | Chlordecone (Kepone) | 143-50-0 | 7.8E-01 | 6.5E-01 | | 3.5E-01 | 1.8E+01 | 1.6E+01 | | 8.6E+00 | |
| | | | | 7.0E-04 | A | | | | | 3.81 | 1 | 0.9 | Yes | Chlorfenvinphos | 470-90-6 | | | | | 4.2E+01 | 1.7E+02 | | 3.4E+01 | |
| | | | | 9.0E-02 | O | | | | | 2.5 | 1 | 1 | Yes | Chlorimuron, Ethyl- | 90982-32-4 | | | | | 5.4E+03 | 2.1E+05 | | 5.3E+03 | |
| | | | | 1.0E-01 | I | 1.5E-04 | A | V | | 0.85 | 1 | 1 | Yes | Chlorine | 7782-50-5 | | | | | 6.0E+03 | 1.4E+06 | 9.1E-01 | 9.1E-01 | |
| | | | | 3.0E-02 | I | 2.0E-04 | I | V | | | 1 | 1 | Yes | Chlorine Dioxide | 10049-04-4 | | | | | 1.8E+03 | 4.1E+05 | 1.3E+00 | 1.3E+00 | |
| | | | | 3.0E-02 | I | | | | | | 1 | 1 | Yes | Chlorite (Sodium Salt) | 7758-19-2 | | | | | 1.8E+03 | 4.1E+05 | | 1.8E+03 | 1.0E+03 |
| | | | | | | 5.0E+01 | I | V | | 2.05 | 1 | 1 | Yes | Chloro-1,1-difluoroethane, 1- | 75-68-3 | | | | | | | 3.1E+05 | 3.1E+05 | |
| | | 3.0E-04 | I | 2.0E-02 | H | 2.0E-02 | I | V | | 2.53 | 1 | 1 | Yes | Chloro-1,3-butadiene, 2- | 126-99-8 | | | 1.9E+00 | 1.9E+00 | 1.2E+03 | 5.3E+03 | 1.3E+02 | 1.1E+02 | |
| 4.6E-01 | H | | | | | | | | | 2.27 | 1 | 1 | Yes | Chloro-2-methylaniline HCl, 4- | 3165-93-3 | 1.7E+01 | 5.1E+04 | | 1.7E+01 | | | | | |
| 1.0E-01 | P | 7.7E-05 | C | 3.0E-03 | X | | | | | 2.27 | 1 | 1 | Yes | Chloro-2-methylaniline, 4- | 95-69-2 | 7.8E+01 | 6.6E+02 | | 7.0E+01 | 1.8E+02 | 1.7E+03 | | 1.6E+02 | |
| 2.7E-01 | X | | | | | | | V | | 0.09 | 1 | 1 | Yes | Chloroacetaldehyde, 2- | 107-20-0 | 2.9E+01 | 4.6E+03 | | 2.9E+01 | | | | | |
| | | | | | | | | | | 0.22 | 1 | 1 | Yes | Chloroacetic Acid | 79-11-8 | | | | | | | | | 6.0E+01 |
| | | | | | | 3.0E-05 | I | | | 1.93 | 1 | 1 | Yes | Chloroacetophenone, 2- | 532-27-4 | | | | | | | | | |
| 2.0E-01 | P | | | 4.0E-03 | I | | | | | 1.83 | 1 | 1 | Yes | Chloroaniline, p- | 106-47-8 | 3.9E+01 | 5.9E+02 | | 3.7E+01 | 2.4E+02 | 4.0E+03 | | 2.3E+02 | |
| | | | | 2.0E-02 | I | 5.0E-02 | P | V | | 2.84 | 1 | 1 | Yes | Chlorobenzene | 108-90-7 | | | | | 1.2E+03 | 3.8E+03 | 3.1E+02 | 2.3E+02 | 1.0E+02 |
| | | | | 1.0E-01 | X | | | | | -0.52 | 1 | 1 | Yes | Chlorobenzene sulfonic acid, p- | 98-66-8 | | | | | 6.0E+03 | 5.5E+06 | | 6.0E+03 | |
| 1.1E-01 | C | 3.1E-05 | C | 2.0E-02 | I | | | | | 4.74 | 1 | 0.8 | Yes | Chlorobenzilate | 510-15-6 | 7.1E+01 | 5.6E+01 | | 3.1E+01 | 1.2E+03 | 1.0E+03 | | 5.6E+02 | |
| | | | | 3.0E-02 | X | | | | | 2.65 | 1 | 1 | Yes | Chlorobenzoic Acid, p- | 74-11-3 | | | | | 1.8E+03 | 1.0E+04 | | 1.5E+03 | |
| | | | | 3.0E-03 | P | 3.0E-01 | P | V | | 3.6 | 1 | 1 | Yes | Chlorobenzotrifluoride, 4- | 98-56-6 | | | | | 1.8E+02 | 2.8E+02 | 1.9E+03 | 1.0E+02 | |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | muta-gen | LOGP | GIABS | FA | In EPD? | Analyte | CAS No. | Ingestion SL TR=1E-04 (ug/L) | Dermal SL TR=1E-04 (ug/L) | Inhalation SL TR=1E-04 (ug/L) | Carcinogenic SL TR=1E-04 (ug/L) | Ingestion SL Child THQ=3 (ug/L) | Dermal SL Child THQ=3 (ug/L) | Inhalation SL Child THQ=3 (ug/L) | Noncarcinogenic SL Child THI=3 (ug/L) | MCL (ug/L) |
| | | | | 4.0E-02 | P | | | V | | 2.64 | 1 | 1 | Yes | Chlorobutane, 1- | 109-69-3 | | | | | 2.4E+03 | 9.2E+03 | | 1.9E+03 | |
| | | | | | | 5.0E+01 | I | V | | 1.08 | 1 | 1 | Yes | Chlorodifluoromethane | 75-45-6 | | | | | | | 3.1E+05 | 3.1E+05 | |
| | | | | 2.0E-02 | P | | | V | | 0.03 | 1 | 1 | Yes | Chloroethanol, 2- | 107-07-3 | | | | | 1.2E+03 | 2.3E+05 | | 1.2E+03 | |
| 3.1E-02 | C | 2.3E-05 | I | 1.0E-02 | I | 9.8E-02 | A | V | | 1.97 | 1 | 1 | Yes | Chloroform | 67-66-3 | 2.5E+02 | 2.9E+03 | 2.4E+01 | 2.2E+01 | 6.0E+02 | 7.6E+03 | 6.1E+02 | 2.9E+02 | 8.0E+01(F |
| | | | | | | 9.0E-02 | I | V | | 0.91 | 1 | 1 | Yes | Chloromethane | 74-87-3 | | | | | | | 5.6E+02 | 5.6E+02 | |
| 2.4E+00 | C | 6.9E-04 | C | | | | | V | | 0.32 | 1 | 1 | Yes | Chloromethyl Methyl Ether | 107-30-2 | 3.2E+00 | 3.7E+02 | 8.1E-01 | 6.5E-01 | | | | | |
| 3.0E-01 | P | | | 3.0E-03 | P | 1.0E-05 | X | | | 2.24 | 1 | 1 | Yes | Chloronitrobenzene, o- | 88-73-3 | 2.6E+01 | 2.6E+02 | | 2.4E+01 | 1.8E+02 | 1.9E+03 | | 1.7E+02 | |
| 6.0E-02 | P | | | 7.0E-04 | P | 2.0E-03 | P | | | 2.39 | 1 | 1 | Yes | Chloronitrobenzene, p- | 100-00-5 | 1.3E+02 | 1.0E+03 | | 1.2E+02 | 4.2E+01 | 3.6E+02 | | 3.8E+01 | |
| | | | | 5.0E-03 | I | | | V | | 2.15 | 1 | 1 | Yes | Chlorophenol, 2- | 95-57-8 | | | | | 3.0E+02 | 3.1E+03 | | 2.7E+02 | |
| | | | | | | 4.0E-04 | C | V | | 2.09 | 1 | 1 | Yes | Chloropicrin | 76-06-2 | | | | | | | 2.5E+00 | 2.5E+00 | |
| 3.1E-03 | C | 8.9E-07 | C | 1.5E-02 | I | | | | | 3.05 | 1 | 0.9 | Yes | Chlorothalonil | 1897-45-6 | 2.5E+03 | 1.6E+04 | | 2.2E+03 | 9.0E+02 | 6.3E+03 | | 7.9E+02 | |
| | | | | 2.0E-02 | I | | | V | | 3.42 | 1 | 1 | Yes | Chlorotoluene, o- | 95-49-8 | | | | | 1.2E+03 | 1.7E+03 | | 7.1E+02 | |
| | | | | 2.0E-02 | X | | | V | | 3.33 | 1 | 1 | Yes | Chlorotoluene, p- | 106-43-4 | | | | | 1.2E+03 | 2.0E+03 | | 7.5E+02 | |
| 2.4E+02 | C | 6.9E-02 | C | | | | | | | -1.02 | 1 | 1 | Yes | Chlorozotocin | 54749-90-5 | 3.2E-02 | 1.0E+02 | | 3.2E-02 | | | | | |
| | | | | 5.0E-02 | O | | | | | 3.51 | 1 | 0.9 | Yes | Chlorpropham | 101-21-3 | | | | | 3.0E+03 | 7.4E+03 | | 2.1E+03 | |
| | | | | 1.0E-03 | A | | | | | 4.96 | 1 | 0.8 | Yes | Chlorpyrifos | 2921-88-2 | | | | | 6.0E+01 | 4.4E+01 | | 2.5E+01 | |
| | | | | 1.0E-02 | H | | | | | 4.31 | 1 | 0.9 | Yes | Chlorpyrifos Methyl | 5598-13-0 | | | | | 6.0E+02 | 8.7E+02 | | 3.6E+02 | |
| | | | | 2.0E-02 | O | | | | | 2 | 1 | 1 | Yes | Chlorsulfuron | 64902-72-3 | | | | | 1.2E+03 | 6.8E+04 | | 1.2E+03 | |
| | | | | 1.0E-02 | I | | | | | 4.28 | 1 | 0.9 | Yes | Chlorthal-dimethyl | 1861-32-1 | | | | | 6.0E+02 | 9.8E+02 | | 3.7E+02 | |
| | | | | 8.0E-04 | H | | | | | 5.8 | 1 | 0.8 | Yes | Chlorthiophos | 60238-56-4 | | | | | 4.8E+01 | 1.0E+01 | | 8.5E+00 | |
| | | | | 1.5E+00 | I | | | | | | 0.013 | 1 | Yes | Chromium(III), Insoluble Salts | 16065-83-1 | | | | | 9.0E+04 | 2.7E+05 | | 6.7E+04 | |
| 5.0E-01 | C | 8.4E-02 | S | 3.0E-03 | I | 1.0E-04 | I | | M | | 0.025 | 1 | Yes | Chromium(VI) | 18540-29-9 | 5.0E+00 | 1.2E+01 | | 3.5E+00 | 1.8E+02 | 5.1E+02 | | 1.3E+02 | |
| | | | | | | | | | | | 0.013 | 1 | Yes | Chromium, Total | 7440-47-3 | | | | | | | | | 1.0E+02 |
| | | | | 1.3E-02 | I | | | | | 3.1 | 1 | 0.9 | Yes | Clofentezine | 74115-24-5 | | | | | 7.8E+02 | 6.4E+03 | | 7.0E+02 | |
| | | 9.0E-03 | P | 3.0E-04 | P | 6.0E-06 | P | | | | 1 | 1 | Yes | Cobalt | 7440-48-4 | | | | | 1.8E+01 | 1.0E+04 | | 1.8E+01 | |
| | | 6.2E-04 | I | | | | | V | M | | 1 | 0 | | Coke Oven Emissions | 8007-45-2 | | | | | | | | | |
| | | | | 4.0E-02 | H | | | | | | 1 | 1 | Yes | Copper | 7440-50-8 | | | | | 2.4E+03 | 5.5E+05 | | 2.4E+03 | 1.3E+03 |
| | | | | 5.0E-02 | I | 6.0E-01 | C | | | 1.96 | 1 | 1 | Yes | Cresol, m- | 108-39-4 | | | | | 3.0E+03 | 3.6E+04 | | 2.8E+03 | |
| | | | | 5.0E-02 | I | 6.0E-01 | C | | | 1.95 | 1 | 1 | Yes | Cresol, o- | 95-48-7 | | | | | 3.0E+03 | 3.6E+04 | | 2.8E+03 | |
| | | | | 1.0E-01 | A | 6.0E-01 | C | | | 1.94 | 1 | 1 | Yes | Cresol, p- | 106-44-5 | | | | | 6.0E+03 | 7.4E+04 | | 5.6E+03 | |
| | | | | 1.0E-01 | A | | | | | 3.1 | 1 | 1 | Yes | Cresol, p-chloro-m- | 59-50-7 | | | | | 6.0E+03 | 1.6E+04 | | 4.3E+03 | |
| | | | | 1.0E-01 | A | 6.0E-01 | C | | | 1.95 | 1 | 0.9 | Yes | Cresols | 1319-77-3 | | | | | 6.0E+03 | 2.0E+04 | | 4.6E+03 | |
| 1.9E+00 | H | | | 1.0E-03 | P | | | V | | 0.6 | 1 | 1 | Yes | Crotonaldehyde, trans- | 123-73-9 | 4.1E+00 | 2.7E+02 | | 4.0E+00 | 6.0E+01 | 4.5E+03 | | 5.9E+01 | |
| | | | | 1.0E-01 | I | 4.0E-01 | I | V | | 3.66 | 1 | 1 | Yes | Cumene | 98-82-8 | | | | | 6.0E+03 | 5.7E+03 | 2.5E+03 | 1.4E+03 | |
| 2.2E-01 | C | 6.3E-05 | C | | | | | | | -1.73 | 1 | 1 | Yes | Cupferron | 135-20-6 | 3.5E+01 | 1.3E+06 | | 3.5E+01 | | | | | |
| 8.4E-01 | H | | | 2.0E-03 | H | | | | | 2.22 | 1 | 1 | Yes | Cyanazine | 21725-46-2 | 9.3E+00 | 1.6E+02 | | 8.8E+00 | 1.2E+02 | 2.3E+03 | | 1.1E+02 | |
| | | | | | | | | | | | | | | Cyanides | | | | | | | | | | |
| | | | | 1.0E-03 | I | | | | | | 1 | 1 | Yes | ~Calcium Cyanide | 592-01-8 | | | | | 6.0E+01 | 1.4E+04 | | 6.0E+01 | |
| | | | | 5.0E-03 | I | | | | | | 1 | 1 | Yes | ~Copper Cyanide | 544-92-3 | | | | | 3.0E+02 | 6.8E+04 | | 3.0E+02 | |
| | | | | 6.0E-04 | I | 8.0E-04 | S | V | | | 1 | 1 | Yes | ~Cyanide (CN-) | 57-12-5 | | | | | 3.6E+01 | 8.2E+03 | 5.0E+00 | 4.4E+00 | 2.0E+02 |
| | | | | 1.0E-03 | I | | | V | | 0.07 | 1 | 1 | Yes | ~Cyanogen | 460-19-5 | | | | | 6.0E+01 | 1.5E+04 | | 6.0E+01 | |
| | | | | 9.0E-02 | I | | | V | | | 1 | 1 | Yes | ~Cyanogen Bromide | 506-68-3 | | | | | 5.4E+03 | 4.8E+06 | | 5.4E+03 | |
| | | | | 5.0E-02 | I | | | V | | | 1 | 1 | Yes | ~Cyanogen Chloride | 506-77-4 | | | | | 3.0E+03 | 1.7E+06 | | 3.0E+03 | |
| | | | | 6.0E-04 | I | 8.0E-04 | I | V | | -0.25 | 1 | 1 | Yes | ~Hydrogen Cyanide | 74-90-8 | | | | | 3.6E+01 | 8.2E+03 | 5.0E+00 | 4.4E+00 | |
| | | | | 2.0E-03 | I | | | | | | 1 | 1 | Yes | ~Potassium Cyanide | 151-50-8 | | | | | 1.2E+02 | 1.4E+04 | | 1.2E+02 | |
| | | | | 5.0E-03 | I | | | | | | 0.04 | 1 | Yes | ~Potassium Silver Cyanide | 506-61-6 | | | | | 3.0E+02 | 1.4E+03 | | 2.5E+02 | |
| | | | | 1.0E-01 | I | | | | | | 0.04 | 1 | Yes | ~Silver Cyanide | 506-64-9 | | | | | 6.0E+03 | 5.5E+04 | | 5.4E+03 | |
| | | | | 1.0E-03 | I | | | | | | 1 | 1 | Yes | ~Sodium Cyanide | 143-33-9 | | | | | 6.0E+01 | 1.4E+04 | | 6.0E+01 | 2.0E+02 |
| | | | | 2.0E-04 | P | | | | | | 1 | 0 | Yes | ~Thiocyanates | E1790664 | | | | | 1.2E+01 | 2.7E+03 | | 1.2E+01 | |
| | | | | 2.0E-04 | X | | | V | | 0.58 | 1 | 1 | Yes | ~Thiocyanic Acid | 463-56-9 | | | | | 1.2E+01 | 2.7E+03 | | 1.2E+01 | |
| | | | | 5.0E-02 | I | | | | | | 1 | 1 | Yes | ~Zinc Cyanide | 557-21-1 | | | | | 3.0E+03 | 1.1E+06 | | 3.0E+03 | |
| | | | | | | 6.0E+00 | I | V | | 3.44 | 1 | 1 | Yes | Cyclohexane | 110-82-7 | | | | | | | 3.8E+04 | 3.8E+04 | |
| 2.0E-02 | X | | | 2.0E-02 | X | | | | | 4.72 | 1 | 0.9 | Yes | Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro- | 87-84-3 | 3.9E+02 | 9.6E+02 | | 2.8E+02 | 1.2E+03 | 3.2E+03 | | 8.8E+02 | |
| | | | | 5.0E+00 | I | 7.0E-01 | P | V | | 0.81 | 1 | 1 | Yes | Cyclohexanone | 108-94-1 | | | | | 3.0E+05 | 2.0E+07 | 4.4E+03 | 4.3E+03 | |
| | | | | 5.0E-03 | P | 1.0E+00 | X | V | | 2.86 | 1 | 1 | Yes | Cyclohexene | 110-83-8 | | | | | 3.0E+02 | 7.6E+02 | 6.3E+03 | 2.1E+02 | |
| | | | | 2.0E-01 | I | | | V | | 1.49 | 1 | 1 | Yes | Cyclohexylamine | 108-91-8 | | | | | 1.2E+04 | 2.8E+05 | | 1.2E+04 | |
| | | | | 2.5E-02 | I | | | | | 5.95 | 1 | 0.7 | Yes | Cyfluthrin | 68359-37-5 | | | | | 1.5E+03 | 4.7E+02 | | 3.6E+02 | |
| | | | | 1.0E-03 | O | | | | | 6.9 | 1 | 0.5 | No | Cyhalothrin | 68085-85-8 | | | | | 6.0E+01 | | | 6.0E+01 | |
| | | | | 6.0E-02 | O | | | | | 6.6 | 1 | 0.7 | No | Cypermethrin | 52315-07-8 | | | | | 3.6E+03 | | | 3.6E+03 | |
| | | | | 1.5E-02 | O | | | | | -0.061 | 1 | 1 | Yes | Cyromazine | 66215-27-8 | | | | | 9.0E+02 | 7.2E+04 | | 8.9E+02 | |
| 2.4E-01 | I | 6.9E-05 | C | 3.0E-05 | X | | | | | 6.02 | 1 | 0.8 | Yes | DDD, p,p`- (DDD) | 72-54-8 | 3.2E+01 | 3.5E+00 | | 3.2E+00 | 1.8E+00 | 2.1E-01 | | 1.9E-01 | |
| 3.4E-01 | I | 9.7E-05 | C | 3.0E-04 | X | | | V | | 6.51 | 1 | 0.8 | No | DDE, p,p'- | 72-55-9 | 2.3E+01 | | 5.8E+00 | 4.6E+00 | 1.8E+01 | | | 1.8E+01 | |
| 3.4E-01 | I | 9.7E-05 | I | 5.0E-04 | I | | | | | 6.91 | 1 | 0.7 | No | DDT | 50-29-3 | 2.3E+01 | | | 2.3E+01 | 3.0E+01 | | | 3.0E+01 | |
| | | | | 3.0E-02 | I | | | | | 0.78 | 1 | 1 | Yes | Dalapon | 75-99-0 | | | | | 1.8E+03 | 1.6E+05 | | 1.8E+03 | 2.0E+02 |
| 1.8E-02 | C | 5.1E-06 | C | 1.5E-01 | I | | | | | -1.5 | 1 | 1 | Yes | Daminozide | 1596-84-5 | 4.3E+02 | 1.3E+06 | | 4.3E+02 | 9.0E+03 | 3.0E+07 | | 9.0E+03 | |
| 7.0E-04 | I | | | 7.0E-03 | I | | | | | 12.11 | 1 | 0 | No | Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209) | 1163-19-5 | 1.1E+04 | | | 1.1E+04 | 4.2E+02 | | | 4.2E+02 | |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | muta-gen | LOGP | GIABS | FA | In EPD? | Analyte | CAS No. | Ingestion SL TR=1E-04 (ug/L) | Dermal SL TR=1E-04 (ug/L) | Inhalation SL TR=1E-04 (ug/L) | Carcinogenic SL TR=1E-04 (ug/L) | Ingestion SL Child THQ=3 (ug/L) | Dermal SL Child THQ=3 (ug/L) | Inhalation SL Child THQ=3 (ug/L) | Noncarcinogenic SL Child THI=3 (ug/L) | MCL (ug/L) |
| | | | | 4.0E-05 | I | | | | | 3.21 | 1 | 0.8 | Yes | Demeton | 8065-48-3 | | | | | 2.4E+00 | 2.6E+00 | | 1.3E+00 | |
| 1.2E-03 | I | | | 6.0E-01 | I | | | | | 6.11 | 1 | 0 | Yes | Di(2-ethylhexyl)adipate | 103-23-1 | 6.5E+03 | | | 6.5E+03 | 3.6E+04 | | | 3.6E+04 | 4.0E+02 |
| 6.1E-02 | H | | | | | | | | | 4.49 | 1 | 0.9 | Yes | Diallate | 2303-16-4 | 1.3E+02 | 9.2E+01 | | 5.4E+01 | | | | | |
| | | | | 7.0E-04 | A | | | | | 3.81 | 1 | 0.9 | Yes | Diazinon | 333-41-5 | | | | | 4.2E+01 | 1.2E+02 | | 3.1E+01 | |
| | | | | 1.0E-02 | X | | | V | | 4.38 | 1 | 1 | Yes | Dibenzothiophene | 132-65-0 | | | | | 6.0E+02 | 2.9E+02 | | 2.0E+02 | |
| 8.0E-01 | P | 6.0E-03 | P | 2.0E-04 | P | 2.0E-04 | I | V | M | 2.96 | 1 | 1 | Yes | Dibromo-3-chloropropane, 1,2- | 96-12-8 | 3.1E+00 | 1.7E+01 | 3.4E-02 | 3.3E-02 | 1.2E+01 | 7.1E+01 | 1.3E+00 | 1.1E+00 | 2.0E-01 |
| | | | | 4.0E-04 | X | | | V | | 3.75 | 1 | 0.9 | Yes | Dibromobenzene, 1,3- | 108-36-1 | | | | | 2.4E+01 | 4.7E+01 | | 1.6E+01 | |
| | | | | 1.0E-02 | I | | | V | | 3.79 | 1 | 0.9 | Yes | Dibromobenzene, 1,4- | 106-37-6 | | | | | 6.0E+02 | 1.1E+03 | | 3.9E+02 | |
| 8.4E-02 | I | | | 2.0E-02 | I | | | V | | 2.16 | 1 | 1 | Yes | Dibromochloromethane | 124-48-1 | 9.3E+01 | 1.4E+03 | | 8.7E+01 | 1.2E+03 | 2.0E+04 | | 1.1E+03 | 8.0E+01(F |
| 2.0E+00 | I | 6.0E-04 | I | 9.0E-03 | I | 9.0E-03 | I | V | | 1.96 | 1 | 1 | Yes | Dibromoethane, 1,2- | 106-93-4 | 3.9E+00 | 7.1E+01 | 9.4E-01 | 7.5E-01 | 5.4E+02 | 1.1E+04 | 5.6E+01 | 5.1E+01 | 5.0E-02 |
| | | | | | | 4.0E-03 | X | V | | 1.7 | 1 | 1 | Yes | Dibromomethane (Methylene Bromide) | 74-95-3 | | | | | | | 2.5E+01 | 2.5E+01 | |
| | | | | 3.0E-04 | P | | | | | | 1 | 0 | No | Dibutyltin Compounds | E1790660 | | | | | 1.8E+01 | | | 1.8E+01 | |
| | | | | 3.0E-02 | I | | | | | 2.21 | 1 | 1 | Yes | Dicamba | 1918-00-9 | | | | | 1.8E+03 | 3.0E+04 | | 1.7E+03 | |
| | | 4.2E-03 | P | | | | | V | | 2.6 | 1 | 1 | Yes | Dichloro-2-butene, 1,4- | 764-41-0 | | | 1.3E-01 | 1.3E-01 | | | | | |
| | | 4.2E-03 | P | | | | | V | | 2.6 | 1 | 1 | Yes | Dichloro-2-butene, cis-1,4- | 1476-11-5 | | | 1.3E-01 | 1.3E-01 | | | | | |
| | | 4.2E-03 | P | | | | | V | | 2.6 | 1 | 1 | Yes | Dichloro-2-butene, trans-1,4- | 110-57-6 | | | 1.3E-01 | 1.3E-01 | | | | | |
| 5.0E-02 | I | | | 4.0E-03 | I | | | | | 0.92 | 1 | 1 | Yes | Dichloroacetic Acid | 79-43-6 | 1.6E+02 | 9.6E+03 | | 1.5E+02 | 2.4E+02 | 1.6E+04 | | 2.4E+02 | 6.0E+01 |
| | | | | 9.0E-02 | I | 2.0E-01 | H | V | | 3.43 | 1 | 1 | Yes | Dichlorobenzene, 1,2- | 95-50-1 | | | | | 5.4E+03 | 8.8E+03 | 1.3E+03 | 9.1E+02 | 6.0E+02 |
| 5.4E-03 | C | 1.1E-05 | C | 7.0E-02 | A | 8.0E-01 | I | V | | 3.44 | 1 | 1 | Yes | Dichlorobenzene, 1,4- | 106-46-7 | 1.4E+03 | 2.1E+03 | 5.1E+01 | 4.8E+01 | 4.2E+03 | 6.7E+03 | 5.0E+03 | 1.7E+03 | 7.5E+01 |
| 4.5E-01 | I | 3.4E-04 | C | | | | | | | 3.51 | 1 | 1 | Yes | Dichlorobenzidine, 3,3'- | 91-94-1 | 1.7E+01 | 4.5E+01 | | 1.3E+01 | | | | | |
| | | | | 9.0E-03 | X | | | | | 4.44 | 1 | 0.9 | Yes | Dichlorobenzophenone, 4,4'- | 90-98-2 | | | | | 5.4E+02 | 4.1E+02 | | 2.3E+02 | |
| | | | | 2.0E-01 | I | 1.0E-01 | X | V | | 2.16 | 1 | 1 | Yes | Dichlorodifluoromethane | 75-71-8 | | | | | 1.2E+04 | 1.1E+05 | 6.3E+02 | 5.9E+02 | |
| 5.7E-03 | C | 1.6E-06 | C | 2.0E-01 | P | | | V | | 1.79 | 1 | 1 | Yes | Dichloroethane, 1,1- | 75-34-3 | 1.4E+03 | 1.8E+04 | 3.5E+02 | 2.8E+02 | 1.2E+04 | 1.8E+05 | | 1.1E+04 | |
| 9.1E-02 | I | 2.6E-05 | I | 6.0E-03 | X | 7.0E-03 | P | V | | 1.48 | 1 | 1 | Yes | Dichloroethane, 1,2- | 107-06-2 | 8.6E+01 | 1.8E+03 | 2.2E+01 | 1.7E+01 | 3.6E+02 | 8.4E+03 | 4.4E+01 | 3.9E+01 | 5.0E+00 |
| | | | | 5.0E-02 | I | 2.0E-01 | I | V | | 2.13 | 1 | 1 | Yes | Dichloroethylene, 1,1- | 75-35-4 | | | | | 3.0E+03 | 2.6E+04 | 1.3E+03 | 8.5E+02 | 7.0E+00 |
| | | | | 2.0E-03 | I | | | V | | 1.86 | 1 | 1 | Yes | Dichloroethylene, 1,2-cis- | 156-59-2 | | | | | 1.2E+02 | 1.1E+03 | | 1.1E+02 | 7.0E+01 |
| | | | | 2.0E-02 | I | | | V | | 2.09 | 1 | 1 | Yes | Dichloroethylene, 1,2-trans- | 156-60-5 | | | | | 1.2E+03 | 1.1E+04 | | 1.1E+03 | 1.0E+02 |
| | | | | 3.0E-03 | I | | | | | 3.06 | 1 | 1 | Yes | Dichlorophenol, 2,4- | 120-83-2 | | | | | 1.8E+02 | 5.7E+02 | | 1.4E+02 | |
| | | | | 1.0E-02 | I | | | | | 2.81 | 1 | 1 | Yes | Dichlorophenoxy Acetic Acid, 2,4- | 94-75-7 | | | | | 6.0E+02 | 4.1E+03 | | 5.2E+02 | 7.0E+01 |
| 3.7E-02 | P | 3.7E-06 | P | 4.0E-02 | P | 4.0E-03 | I | V | | 1.98 | 1 | 1 | Yes | Dichloropropane, 1,2- | 78-87-5 | 2.1E+02 | 2.3E+03 | 1.5E+02 | 8.5E+01 | 2.4E+03 | 2.9E+04 | 2.5E+01 | 2.5E+01 | 5.0E+00 |
| | | | | 2.0E-02 | P | | | V | | 2 | 1 | 1 | Yes | Dichloropropane, 1,3- | 142-28-9 | | | | | 1.2E+03 | 1.4E+04 | | 1.1E+03 | |
| | | | | 3.0E-03 | I | | | | | 0.78 | 1 | 1 | Yes | Dichloropropanol, 2,3- | 616-23-9 | | | | | 1.8E+02 | 1.5E+04 | | 1.8E+02 | |
| 1.0E-01 | I | 4.0E-06 | I | 3.0E-02 | I | 2.0E-02 | I | V | | 2.04 | 1 | 1 | Yes | Dichloropropene, 1,3- | 542-75-6 | 7.8E+01 | 7.8E+02 | 1.4E+02 | 4.7E+01 | 1.8E+03 | 2.0E+04 | 1.3E+02 | 1.2E+02 | |
| 2.9E-01 | I | 8.3E-05 | C | 5.0E-04 | I | 5.0E-04 | I | | | 1.43 | 1 | 1 | Yes | Dichlorvos | 62-73-7 | 2.7E+01 | 1.4E+03 | | 2.6E+01 | 3.0E+01 | 1.7E+03 | | 3.0E+01 | |
| | | | | 7.0E-05 | O | | | | | 0 | 1 | 1 | Yes | Dicrotophos | 141-66-2 | | | | | 4.2E+00 | 2.3E+03 | | 4.2E+00 | |
| | | | | 8.0E-02 | P | 3.0E-04 | X | V | | 3.16 | 1 | 1 | Yes | Dicyclopentadiene | 77-73-6 | | | | | 4.8E+03 | 1.1E+04 | 1.9E+00 | 1.9E+00 | |
| 1.6E+01 | I | 4.6E-03 | I | 5.0E-05 | I | | | | | 5.4 | 1 | 0.8 | Yes | Dieldrin | 60-57-1 | 4.9E-01 | 2.7E-01 | | 1.8E-01 | 3.0E+00 | 1.8E+00 | | 1.1E+00 | |
| | | 3.0E-04 | C | | | 5.0E-03 | I | | | | 1 | 0 | | Diesel Engine Exhaust | E17136615 | | | | | | | | | |
| | | | | 2.0E-03 | P | 2.0E-04 | P | | | -1.43 | 1 | 1 | Yes | Diethanolamine | 111-42-2 | | | | | 1.2E+02 | 2.5E+05 | | 1.2E+02 | |
| | | | | 3.0E-02 | P | 1.0E-04 | P | | | 0.56 | 1 | 1 | Yes | Diethylene Glycol Monobutyl Ether | 112-34-5 | | | | | 1.8E+03 | 2.6E+05 | | 1.8E+03 | |
| | | | | 6.0E-02 | P | 3.0E-04 | P | | | -0.54 | 1 | 1 | Yes | Diethylene Glycol Monoethyl Ether | 111-90-0 | | | | | 3.6E+03 | 2.3E+06 | | 3.6E+03 | |
| | | | | 1.0E-03 | P | | | V | | 0.05 | 1 | 1 | Yes | Diethylformamide | 617-84-5 | | | | | 6.0E+01 | 1.3E+04 | | 6.0E+01 | |
| 3.5E+02 | C | 1.0E-01 | C | | | | | | | 5.07 | 1 | 0.9 | Yes | Diethylstilbestrol | 56-53-1 | 2.2E-02 | 6.6E-03 | | 5.1E-03 | | | | | |
| | | | | 8.3E-02 | O | | | | | 0.65 | 1 | 1 | Yes | Difenzoquat | 43222-48-6 | | | | | 5.0E+03 | 2.3E+06 | | 5.0E+03 | |
| | | | | 2.0E-02 | I | | | | | 3.88 | 1 | 0.9 | Yes | Diflubenzuron | 35367-38-5 | | | | | 1.2E+03 | 3.1E+03 | | 8.7E+02 | |
| | | | | | | 4.0E+01 | I | V | | 0.75 | 1 | 1 | Yes | Difluoroethane, 1,1- | 75-37-6 | | | | | | | 2.5E+05 | 2.5E+05 | |
| | | | | | | 3.0E+01 | X | V | | 2.29 | 1 | 1 | Yes | Difluoropropane, 2,2- | 420-45-1 | | | | | | | 1.9E+05 | 1.9E+05 | |
| 4.4E-02 | C | 1.3E-05 | C | | | | | V | | 3.58 | 1 | 1 | Yes | Dihydrosafrole | 94-58-6 | 1.8E+02 | 2.3E+02 | 4.3E+01 | 3.0E+01 | | | | | |
| | | | | | | 7.0E-01 | P | V | | 1.52 | 1 | 1 | Yes | Diisopropyl Ether | 108-20-3 | | | | | | | 4.4E+03 | 4.4E+03 | |
| | | | | 8.0E-02 | I | | | V | | 1.03 | 1 | 1 | Yes | Diisopropyl Methylphosphonate | 1445-75-6 | | | | | 4.8E+03 | 3.8E+05 | | 4.8E+03 | |
| | | | | 2.2E-02 | O | | | | | -0.17 | 1 | 1 | Yes | Dimethipin | 55290-64-7 | | | | | 1.3E+03 | 7.9E+05 | | 1.3E+03 | |
| | | | | 2.2E-03 | O | | | | | 0.78 | 1 | 1 | Yes | Dimethoate | 60-51-5 | | | | | 1.3E+02 | 2.1E+04 | | 1.3E+02 | |
| 1.6E+00 | P | | | | | | | | | 1.81 | 1 | 1 | Yes | Dimethoxybenzidine, 3,3'- | 119-90-4 | 4.9E+00 | 1.6E+02 | | 4.7E+00 | | | | | |
| 1.7E-03 | P | | | 6.0E-02 | P | | | | | -0.61 | 1 | 1 | Yes | Dimethyl methylphosphonate | 756-79-6 | 4.6E+03 | 2.8E+06 | | 4.6E+03 | 3.6E+03 | 2.4E+06 | | 3.6E+03 | |
| 4.6E+00 | C | 1.3E-03 | C | | | | | | | 4.58 | 1 | 1 | Yes | Dimethylamino azobenzene [p-] | 60-11-7 | 1.7E+00 | 7.2E-01 | | 5.0E-01 | | | | | |
| 5.8E-01 | H | | | | | | | | | 2.17 | 1 | 1 | Yes | Dimethylaniline HCl, 2,4- | 21436-96-4 | 1.3E+01 | 5.2E+04 | | 1.3E+01 | | | | | |
| 2.0E-01 | P | | | 2.0E-03 | X | | | | | 1.68 | 1 | 1 | Yes | Dimethylaniline, 2,4- | 95-68-1 | 3.9E+01 | 7.1E+02 | | 3.7E+01 | 1.2E+02 | 2.4E+03 | | 1.1E+02 | |
| 2.7E-02 | P | | | 2.0E-03 | I | | | V | | 2.31 | 1 | 1 | Yes | Dimethylaniline, N,N- | 121-69-7 | 2.9E+02 | 2.0E+03 | | 2.5E+02 | 1.2E+02 | 9.2E+02 | | 1.1E+02 | |
| 1.1E+01 | P | | | | | | | | | 2.34 | 1 | 1 | Yes | Dimethylbenzidine, 3,3'- | 119-93-7 | 7.1E-01 | 8.5E+00 | | 6.5E-01 | | | | | |
| | | | | 1.0E-01 | P | 3.0E-02 | I | V | | -1.01 | 1 | 1 | Yes | Dimethylformamide | 68-12-2 | | | | | 6.0E+03 | 5.4E+06 | 1.9E+02 | 1.8E+02 | |
| | | | | 1.0E-04 | X | 2.0E-06 | X | V | | -1.19 | 1 | 1 | Yes | Dimethylhydrazine, 1,1- | 57-14-7 | | | | | 6.0E+00 | 1.0E+04 | 1.3E-02 | 1.2E-02 | |
| 5.5E+02 | C | 1.6E-01 | C | | | | | V | | -0.54 | 1 | 1 | Yes | Dimethylhydrazine, 1,2- | 540-73-8 | 1.4E-02 | 5.0E+00 | 3.5E-03 | 2.8E-03 | | | | | |
| | | | | 2.0E-02 | I | | | | | 2.3 | 1 | 1 | Yes | Dimethylphenol, 2,4- | 105-67-9 | | | | | 1.2E+03 | 9.3E+03 | | 1.1E+03 | |
| | | | | 6.0E-04 | I | | | | | 2.36 | 1 | 1 | Yes | Dimethylphenol, 2,6- | 576-26-1 | | | | | 3.6E+01 | 2.5E+02 | | 3.2E+01 | |
| | | | | 1.0E-03 | I | | | | | 2.23 | 1 | 1 | Yes | Dimethylphenol, 3,4- | 95-65-8 | | | | | 6.0E+01 | 5.2E+02 | | 5.4E+01 | |
| 4.5E-02 | C | 1.3E-05 | C | | | | | V | | 2.58 | 1 | 1 | Yes | Dimethylvinylchloride | 513-37-1 | 1.7E+02 | 6.5E+02 | 4.3E+01 | 3.3E+01 | | | | | |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | muta-gen | LOGP | GIABS | FA | In EPD? | Analyte | CAS No. | Ingestion SL TR=1E-04 (ug/L) | Dermal SL TR=1E-04 (ug/L) | Inhalation SL TR=1E-04 (ug/L) | Carcinogenic SL TR=1E-04 (ug/L) | Ingestion SL Child THQ=3 (ug/L) | Dermal SL Child THQ=3 (ug/L) | Inhalation SL Child THQ=3 (ug/L) | Noncarcinogenic SL Child THI=3 (ug/L) | MCL (ug/L) |
| | | | | 8.0E-05 | X | | | | | 2.13 | 1 | 1 | Yes | Dinitro-o-cresol, 4,6- | 534-52-1 | | | | | 4.8E+00 | 7.9E+01 | | 4.5E+00 | |
| | | | | 2.0E-03 | I | | | | | 4.12 | 1 | 0.9 | Yes | Dinitro-o-cyclohexyl Phenol, 4,6- | 131-89-5 | | | | | 1.2E+02 | 1.6E+02 | | 6.9E+01 | |
| | | | | 1.0E-04 | P | | | | | 1.69 | 1 | 1 | Yes | Dinitrobenzene, 1,2- | 528-29-0 | | | | | 6.0E+00 | 1.6E+02 | | 5.8E+00 | |
| | | | | 1.0E-04 | I | | | | | 1.49 | 1 | 1 | Yes | Dinitrobenzene, 1,3- | 99-65-0 | | | | | 6.0E+00 | 2.2E+02 | | 5.9E+00 | |
| | | | | 1.0E-04 | P | | | | | 1.46 | 1 | 1 | Yes | Dinitrobenzene, 1,4- | 100-25-4 | | | | | 6.0E+00 | 2.3E+02 | | 5.9E+00 | |
| | | | | 2.0E-03 | I | | | | | 1.67 | 1 | 1 | Yes | Dinitrophenol, 2,4- | 51-28-5 | | | | | 1.2E+02 | 3.7E+03 | | 1.2E+02 | |
| 6.8E-01 | I | | | | | | | | | 2.18 | 1 | 1 | Yes | Dinitrotoluene Mixture, 2,4/2,6- | E1615210 | 1.1E+01 | 1.5E+02 | | 1.1E+01 | | | | | |
| 3.1E-01 | C | 8.9E-05 | C | 2.0E-03 | I | | | | | 1.98 | 1 | 1 | Yes | Dinitrotoluene, 2,4- | 121-14-2 | 2.5E+01 | 4.3E+02 | | 2.4E+01 | 1.2E+02 | 2.2E+03 | | 1.1E+02 | |
| 1.5E+00 | P | | | 3.0E-04 | X | | | | | 2.1 | 1 | 1 | Yes | Dinitrotoluene, 2,6- | 606-20-2 | 5.2E+00 | 7.4E+01 | | 4.9E+00 | 1.8E+01 | 2.8E+02 | | 1.7E+01 | |
| | | | | 2.0E-03 | S | | | | | 1.84 | 1 | 1 | Yes | Dinitrotoluene, 2-Amino-4,6- | 35572-78-2 | | | | | 1.2E+02 | 3.1E+03 | | 1.2E+02 | |
| | | | | 2.0E-03 | S | | | | | 1.84 | 1 | 1 | Yes | Dinitrotoluene, 4-Amino-2,6- | 19406-51-0 | | | | | 1.2E+02 | 3.1E+03 | | 1.2E+02 | |
| 4.5E-01 | X | | | 9.0E-04 | X | | | | | 2.18 | 1 | 0.8 | Yes | Dinitrotoluene, Technical grade | 25321-14-6 | 1.7E+01 | 2.6E+01 | | 1.0E+01 | 5.4E+01 | 8.9E+01 | | 3.4E+01 | |
| | | | | 1.0E-03 | I | | | | | 3.56 | 1 | 0.9 | Yes | Dinoseb | 88-85-7 | | | | | 6.0E+01 | 1.6E+02 | | 4.4E+01 | 7.0E+00 |
| 1.0E-01 | I | 5.0E-06 | I | 3.0E-02 | I | 3.0E-02 | I | V | | -0.27 | 1 | 1 | Yes | Dioxane, 1,4- | 123-91-1 | 7.8E+01 | 2.3E+04 | 1.1E+02 | 4.6E+01 | 1.8E+03 | 5.7E+05 | 1.9E+02 | 1.7E+02 | |
| | | | | | | | | | | | | | | Dioxins | | | | | | | | | | |
| 6.2E+03 | I | 1.3E+00 | I | | | | | | | 8.21 | 1 | 0 | No | ~Hexachlorodibenzo-p-dioxin, Mixture | | 1.3E-03 | | | 1.3E-03 | | | | | |
| 1.3E+05 | C | 3.8E+01 | C | 7.0E-10 | I | 4.0E-08 | C | V | | 6.8 | 1 | 0.5 | No | ~TCDD, 2,3,7,8- | 1746-01-6 | 6.0E-05 | | 1.5E-05 | 1.2E-05 | 4.2E-05 | | 2.5E-04 | 3.6E-05 | 3.0E-05 |
| | | | | 3.0E-02 | I | | | | | 2.17 | 1 | 1 | Yes | Diphenamid | 957-51-7 | | | | | 1.8E+03 | 1.3E+04 | | 1.6E+03 | |
| | | | | | | 4.0E-04 | X | V | | 4.21 | 1 | 1 | Yes | Diphenyl Ether | 101-84-8 | | | | | | | 2.5E+00 | 2.5E+00 | |
| | | | | 8.0E-04 | X | | | | | 2.4 | 1 | 1 | Yes | Diphenyl Sulfone | 127-63-9 | | | | | 4.8E+01 | 6.0E+02 | | 4.5E+01 | |
| | | | | 1.0E-01 | O | | | | | 3.5 | 1 | 1 | Yes | Diphenylamine | 122-39-4 | | | | | 6.0E+03 | 1.0E+04 | | 3.8E+03 | |
| 8.0E-01 | I | 2.2E-04 | I | | | | | | | 2.94 | 1 | 1 | Yes | Diphenylhydrazine, 1,2- | 122-66-7 | 9.7E+00 | 3.9E+01 | | 7.8E+00 | | | | | |
| | | | | 2.2E-03 | I | | | | | -4.6 | 1 | 1 | No | Diquat | 85-00-7 | | | | | 1.3E+02 | | | 1.3E+02 | 2.0E+01 |
| 7.1E+00 | C | 1.4E-01 | C | | | | | | | 4.9 | 1 | 1 | No | Direct Black 38 | 1937-37-7 | 1.1E+00 | | | 1.1E+00 | | | | | |
| 7.4E+00 | C | 1.4E-01 | C | | | | | | | 2.6 | 1 | 1 | No | Direct Blue 6 | 2602-46-2 | 1.1E+00 | | | 1.1E+00 | | | | | |
| 6.7E+00 | C | 1.4E-01 | C | | | | | | | -6.53 | 1 | 1 | No | Direct Brown 95 | 16071-86-6 | 1.2E+00 | | | 1.2E+00 | | | | | |
| | | | | 4.0E-05 | I | | | | | 4.02 | 1 | 0.9 | Yes | Disulfoton | 298-04-4 | | | | | 2.4E+00 | 4.0E+00 | | 1.5E+00 | |
| | | | | 1.0E-02 | I | | | V | | 0.77 | 1 | 1 | Yes | Dithiane, 1,4- | 505-29-3 | | | | | 6.0E+02 | 4.8E+04 | | 5.9E+02 | |
| | | | | 2.0E-03 | I | | | | | 2.68 | 1 | 1 | Yes | Diuron | 330-54-1 | | | | | 1.2E+02 | 1.1E+03 | | 1.1E+02 | |
| | | | | 2.0E-02 | O | | | | | 1.15 | 1 | 1 | Yes | Dodine | 2439-10-3 | | | | | 1.2E+03 | 1.6E+05 | | 1.2E+03 | |
| | | | | 5.0E-02 | O | | | V | | 3.21 | 1 | 1 | Yes | EPTC | 759-94-4 | | | | | 3.0E+03 | 9.0E+03 | | 2.3E+03 | |
| | | | | 6.0E-03 | I | | | V | | 3.83 | 1 | 0.9 | Yes | Endosulfan | 115-29-7 | | | | | 3.6E+02 | 1.9E+03 | | 3.0E+02 | |
| | | | | 2.0E-02 | I | | | | | 1.91 | 1 | 1 | Yes | Endothall | 145-73-3 | | | | | 1.2E+03 | 2.6E+04 | | 1.1E+03 | 1.0E+02 |
| | | | | 3.0E-04 | I | | | | | 5.2 | 1 | 0.8 | Yes | Endrin | 72-20-8 | | | | | 1.8E+01 | 1.1E+01 | | 6.9E+00 | 2.0E+00 |
| 9.9E-03 | I | 1.2E-06 | I | 6.0E-03 | P | 1.0E-03 | I | V | | 0.45 | 1 | 1 | Yes | Epichlorohydrin | 106-89-8 | 7.9E+02 | 7.9E+04 | 4.7E+02 | 2.9E+02 | 3.6E+02 | 3.9E+04 | 6.3E+00 | 6.1E+00 | |
| | | | | | | 2.0E-02 | I | V | | 0.86 | 1 | 1 | Yes | Epoxybutane, 1,2- | 106-88-7 | | | | | | | 1.3E+02 | 1.3E+02 | |
| | | | | 4.0E-02 | P | | | | | -1.18 | 1 | 1 | Yes | Ethanol, 2-(2-methoxyethoxy)- | 111-77-3 | | | | | 2.4E+03 | 1.2E+06 | | 2.4E+03 | |
| | | | | 5.0E-03 | I | | | | | -0.22 | 1 | 1 | Yes | Ethephon | 16672-87-0 | | | | | 3.0E+02 | 1.3E+05 | | 3.0E+02 | |
| | | | | 5.0E-04 | I | | | | | 5.07 | 1 | 0.8 | Yes | Ethion | 563-12-2 | | | | | 3.0E+01 | 2.3E+01 | | 1.3E+01 | |
| | | | | 1.0E-01 | P | 6.0E-02 | P | V | | 0.59 | 1 | 1 | Yes | Ethoxyethanol Acetate, 2- | 111-15-9 | | | | | 6.0E+03 | 6.8E+05 | 3.8E+02 | 3.5E+02 | |
| | | | | 9.0E-02 | P | 2.0E-01 | I | V | | -0.32 | 1 | 1 | Yes | Ethoxyethanol, 2- | 110-80-5 | | | | | 5.4E+03 | 1.9E+06 | 1.3E+03 | 1.0E+03 | |
| | | | | 9.0E-01 | I | 7.0E-02 | P | V | | 0.73 | 1 | 1 | Yes | Ethyl Acetate | 141-78-6 | | | | | 5.4E+04 | 3.7E+06 | 4.4E+02 | 4.3E+02 | |
| | | | | 5.0E-03 | P | 8.0E-03 | P | V | | 1.32 | 1 | 1 | Yes | Ethyl Acrylate | 140-88-5 | | | | | 3.0E+02 | 9.1E+03 | 5.0E+01 | 4.3E+01 | |
| | | | | | | 1.0E+01 | I | V | | 1.43 | 1 | 1 | Yes | Ethyl Chloride (Chloroethane) | 75-00-3 | | | | | | | 6.3E+04 | 6.3E+04 | |
| | | | | 2.0E-01 | I | | | V | | 0.89 | 1 | 1 | Yes | Ethyl Ether | 60-29-7 | | | | | 1.2E+04 | 5.9E+05 | | 1.2E+04 | |
| | | | | | | 3.0E-01 | P | V | | 1.94 | 1 | 1 | Yes | Ethyl Methacrylate | 97-63-2 | | | | | | | 1.9E+03 | 1.9E+03 | |
| | | | | 1.0E-05 | I | | | | | 4.78 | 1 | 0.8 | Yes | Ethyl-p-nitrophenyl Phosphonate | 2104-64-5 | | | | | 6.0E-01 | 4.8E-01 | | 2.7E-01 | |
| 1.1E-02 | C | 2.5E-06 | C | 1.0E-01 | I | 1.0E+00 | I | V | | 3.15 | 1 | 1 | Yes | Ethylbenzene | 100-41-4 | 7.1E+02 | 1.2E+03 | 2.2E+02 | 1.5E+02 | 6.0E+03 | 1.1E+04 | 6.3E+03 | 2.4E+03 | 7.0E+02 |
| | | | | 7.0E-02 | P | | | | | -0.94 | 1 | 1 | Yes | Ethylene Cyanohydrin | 109-78-4 | | | | | 4.2E+03 | 3.3E+06 | | 4.2E+03 | |
| | | | | 9.0E-02 | P | | | V | | -2.04 | 1 | 1 | No | Ethylene Diamine | 107-15-3 | | | | | 5.4E+03 | | | 5.4E+03 | |
| | | | | 2.0E+00 | I | 4.0E-01 | C | | | -1.36 | 1 | 1 | Yes | Ethylene Glycol | 107-21-1 | | | | | 1.2E+05 | 1.7E+08 | | 1.2E+05 | |
| | | | | 1.0E-01 | I | 1.6E+00 | I | | | 0.83 | 1 | 1 | Yes | Ethylene Glycol Monobutyl Ether | 111-76-2 | | | | | 6.0E+03 | 4.3E+05 | | 5.9E+03 | |
| 3.1E-01 | C | 3.0E-03 | I | | | 3.0E-02 | C | V | M | -0.3 | 1 | 1 | Yes | Ethylene Oxide | 75-21-8 | 8.1E+00 | 1.7E+03 | 6.8E-02 | 6.7E-02 | | | 1.9E+02 | 1.9E+02 | |
| 4.5E-02 | C | 1.3E-05 | C | 8.0E-05 | I | | | | | -0.66 | 1 | 1 | Yes | Ethylene Thiourea | 96-45-7 | 1.7E+02 | 1.0E+05 | | 1.7E+02 | 4.8E+00 | 3.0E+03 | | 4.8E+00 | |
| 6.5E+01 | C | 1.9E-02 | C | | | | | V | | -0.28 | 1 | 1 | Yes | Ethyleneimine | 151-56-4 | 1.2E-01 | 2.5E+01 | 3.0E-02 | 2.4E-02 | | | | | |
| | | | | 3.0E+00 | I | | | | | 2.19 | 1 | 1 | Yes | Ethylphthalyl Ethyl Glycolate | 84-72-0 | | | | | 1.8E+05 | 4.6E+06 | | 1.7E+05 | |
| | | | | 2.5E-04 | I | | | | | 3.23 | 1 | 0.9 | Yes | Fenamiphos | 22224-92-6 | | | | | 1.5E+01 | 1.0E+02 | | 1.3E+01 | |
| | | | | 2.5E-02 | I | | | | | 5.7 | 1 | 0.8 | Yes | Fenpropathrin | 39515-41-8 | | | | | 1.5E+03 | 2.2E+02 | | 1.9E+02 | |
| | | | | 2.5E-02 | I | | | | | 6.2 | 1 | 0.7 | No | Fenvalerate | 51630-58-1 | | | | | 1.5E+03 | | | 1.5E+03 | |
| | | | | 1.3E-02 | I | | | | | 2.42 | 1 | 1 | Yes | Fluometuron | 2164-17-2 | | | | | 7.8E+02 | 1.0E+04 | | 7.3E+02 | |
| | | | | 4.0E-02 | C | 1.3E-02 | C | | | | 1 | 1 | Yes | Fluoride | 16984-48-8 | | | | | 2.4E+03 | 5.5E+05 | | 2.4E+03 | |
| | | | | 6.0E-02 | I | 1.3E-02 | C | | | | 1 | 1 | Yes | Fluorine (Soluble Fluoride) | 7782-41-4 | | | | | 3.6E+03 | 8.2E+05 | | 3.6E+03 | 4.0E+03 |
| | | | | 8.0E-02 | I | | | | | 3.16 | 1 | 0.9 | Yes | Fluridone | 59756-60-4 | | | | | 4.8E+03 | 4.3E+04 | | 4.3E+03 | |
| | | | | 1.5E-02 | O | | | | | 3.34 | 1 | 0.9 | Yes | Flurprimidol | 56425-91-3 | | | | | 9.0E+02 | 5.4E+03 | | 7.7E+02 | |
| | | | | 2.0E-03 | O | | | | | 3.7 | 1 | 0.9 | Yes | Flusilazole | 85509-19-9 | | | | | 1.2E+02 | 4.3E+02 | | 9.4E+01 | |
| | | | | 5.0E-01 | O | | | | | 3.7 | 1 | 0.9 | Yes | Flutolanil | 66332-96-5 | | | | | 3.0E+04 | 1.1E+05 | | 2.4E+04 | |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | muta-gen | LOGP | GIABS | FA | In EPD? | Analyte | CAS No. | Ingestion SL TR=1E-04 (ug/L) | Dermal SL TR=1E-04 (ug/L) | Inhalation SL TR=1E-04 (ug/L) | Carcinogenic SL TR=1E-04 (ug/L) | Ingestion SL Child THQ=3 (ug/L) | Dermal SL Child THQ=3 (ug/L) | Inhalation SL Child THQ=3 (ug/L) | Noncarcinogenic SL Child THI=3 (ug/L) | MCL (ug/L) |
| | | | | 1.0E-02 | I | | | | | 6.81 | 1 | 0.6 | No | Fluvalinate | 69409-94-5 | | | | | 6.0E+02 | | | 6.0E+02 | |
| | | | | 9.0E-02 | O | | | | | 2.85 | 1 | 1 | Yes | Folpet | 133-07-3 | | | | | 5.4E+03 | 5.6E+04 | | 4.9E+03 | |
| | | | | 2.5E-03 | O | | | | | 2.9 | 1 | 1 | Yes | Fomesafen | 72178-02-0 | | | | | 1.5E+02 | 3.6E+03 | | 1.4E+02 | |
| | | | | 2.0E-03 | I | | | | | 3.94 | 1 | 0.9 | Yes | Fonofos | 944-22-9 | | | | | 1.2E+02 | 1.9E+02 | | 7.3E+01 | |
| | | 1.3E-05 | I | 2.0E-01 | I | 9.8E-03 | A | V | | 0.35 | 1 | 1 | Yes | Formaldehyde | 50-00-0 | | | 4.3E+01 | 4.3E+01 | 1.2E+04 | 9.5E+05 | 6.1E+01 | 6.1E+01 | |
| | | | | 9.0E-01 | P | 3.0E-04 | X | V | | -0.54 | 1 | 1 | Yes | Formic Acid | 64-18-6 | | | | | 5.4E+04 | 1.9E+07 | 1.9E+00 | 1.9E+00 | |
| | | | | 2.5E+00 | O | | | | | -2.4 | 1 | 1 | No | Fosetyl-AL | 39148-24-8 | | | | | 1.5E+05 | | | 1.5E+05 | |
| | | | | | | | | | | | | | | Furans | | | | | | | | | | |
| | | | | 1.0E-03 | X | | | V | | 4.12 | 1 | 1 | Yes | ~Dibenzofuran | 132-64-9 | | | | | 6.0E+01 | 3.9E+01 | | 2.4E+01 | |
| | | | | 1.0E-03 | I | | | V | | 1.34 | 1 | 1 | Yes | ~Furan | 110-00-9 | | | | | 6.0E+01 | 1.4E+03 | | 5.8E+01 | |
| | | | | 9.0E-01 | I | 2.0E+00 | I | V | | 0.46 | 1 | 1 | Yes | ~Tetrahydrofuran | 109-99-9 | | | | | 5.4E+04 | 5.1E+06 | 1.3E+04 | 1.0E+04 | |
| 3.8E+00 | H | | | | | | | | | -0.04 | 1 | 1 | Yes | Furazolidone | 67-45-8 | 2.1E+00 | 1.0E+03 | | 2.0E+00 | | | | | |
| | | | | 3.0E-03 | I | 5.0E-02 | H | V | | 0.41 | 1 | 1 | Yes | Furfural | 98-01-1 | | | | | 1.8E+02 | 2.1E+04 | 3.1E+02 | 1.1E+02 | |
| 1.5E+00 | C | 4.3E-04 | C | | | | | | | 1.8 | 1 | 1 | Yes | Furium | 531-82-8 | 5.2E+00 | 1.9E+02 | | 5.1E+00 | | | | | |
| 3.0E-02 | I | 8.6E-06 | C | | | | | | | 4.38 | 1 | 0.9 | Yes | Furmecyclox | 60568-05-0 | 2.6E+02 | 2.0E+02 | | 1.1E+02 | | | | | |
| | | | | 6.0E-03 | O | | | | | -4.81 | 1 | 1 | No | Glufosinate, Ammonium | 77182-82-2 | | | | | 3.6E+02 | | | 3.6E+02 | |
| | | | | 1.0E-01 | A | 8.0E-05 | C | | | -0.33 | 1 | 1 | Yes | Glutaraldehyde | 111-30-8 | | | | | 6.0E+03 | 1.8E+06 | | 6.0E+03 | |
| | | | | 4.0E-04 | I | 1.0E-03 | H | V | | -0.12 | 1 | 1 | Yes | Glycidyl | 765-34-4 | | | | | 2.4E+01 | 5.5E+03 | 6.3E+00 | 5.0E+00 | |
| | | | | 1.0E-01 | I | | | | | -3.4 | 1 | 1 | No | Glyphosate | 1071-83-6 | | | | | 6.0E+03 | | | 6.0E+03 | 7.0E+02 |
| | | | | 1.0E-02 | X | | | V | | -1.63 | 1 | 1 | Yes | Guanidine | 113-00-8 | | | | | 6.0E+02 | 1.3E+06 | | 6.0E+02 | |
| | | | | 2.0E-02 | P | | | | | -3.56 | 1 | 1 | No | Guanidine Chloride | 50-01-1 | | | | | 1.2E+03 | | | 1.2E+03 | |
| | | | | 3.0E-02 | X | | | | | -8.35 | 1 | 1 | No | Guanidine Nitrate | 506-93-4 | | | | | 1.8E+03 | | | 1.8E+03 | |
| | | | | 5.0E-05 | I | | | | | 4.07 | 1 | 0.9 | Yes | Haloxyfop, Methyl | 69806-40-2 | | | | | 3.0E+00 | 9.2E+00 | | 2.3E+00 | |
| 4.5E+00 | I | 1.3E-03 | I | 5.0E-04 | I | | | V | | 6.1 | 1 | 0.8 | Yes | Heptachlor | 76-44-8 | 1.7E+00 | 2.3E-01 | 4.3E-01 | 1.4E-01 | 3.0E+01 | 4.4E+00 | | 3.8E+00 | 4.0E-01 |
| 9.1E+00 | I | 2.6E-03 | I | 1.3E-05 | I | | | V | | 4.98 | 1 | 0.8 | Yes | Heptachlor Epoxide | 1024-57-3 | 8.6E-01 | 7.1E-01 | 2.2E-01 | 1.4E-01 | 7.8E-01 | 7.1E-01 | | 3.7E-01 | 2.0E-01 |
| | | | | | | 3.0E-03 | X | V | | 2.29 | 1 | 1 | Yes | Heptanal, n- | 111-71-7 | | | | | | | 1.9E+01 | 1.9E+01 | |
| | | | | 3.0E-04 | X | 4.0E-01 | P | V | | 4.66 | 1 | 1 | No | Heptane, N- | 142-82-5 | | | | | 1.8E+01 | | 2.5E+03 | 1.8E+01 | |
| | | | | 2.0E-03 | I | | | V | | 6.07 | 1 | 0.7 | No | Hexabromobenzene | 87-82-1 | | | | | 1.2E+02 | | | 1.2E+02 | |
| | | | | 2.0E-04 | I | | | | | | 1 | 0 | No | Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153) | 68631-49-2 | | | | | 1.2E+01 | | | 1.2E+01 | |
| 1.6E+00 | I | 4.6E-04 | I | 8.0E-04 | I | | | V | | 5.73 | 1 | 0.9 | No | Hexachlorobenzene | 118-74-1 | 4.9E+00 | | 1.2E+00 | 9.8E-01 | 4.8E+01 | | | 4.8E+01 | 1.0E+00 |
| 7.8E-02 | I | 2.2E-05 | I | 1.0E-03 | P | | | V | | 4.78 | 1 | 0.9 | Yes | Hexachlorobutadiene | 87-68-3 | 1.0E+02 | 4.4E+01 | 2.6E+01 | 1.4E+01 | 6.0E+01 | 2.9E+01 | | 1.9E+01 | |
| 6.3E+00 | I | 1.8E-03 | I | 8.0E-03 | A | | | | | 3.8 | 1 | 0.9 | Yes | Hexachlorocyclohexane, Alpha- | 319-84-6 | 1.2E+00 | 1.8E+00 | | 7.2E-01 | 4.8E+02 | 7.4E+02 | | 2.9E+02 | |
| 1.8E+00 | I | 5.3E-04 | I | | | | | | | 3.78 | 1 | 0.9 | Yes | Hexachlorocyclohexane, Beta- | 319-85-7 | 4.3E+00 | 6.1E+00 | | 2.5E+00 | | | | | |
| 1.1E+00 | C | 3.1E-04 | C | 3.0E-04 | I | | | | | 3.72 | 1 | 0.9 | Yes | Hexachlorocyclohexane, Gamma- (Lindane) | 58-89-9 | 7.1E+00 | 1.0E+01 | | 4.2E+00 | 1.8E+01 | 2.8E+01 | | 1.1E+01 | 2.0E-01 |
| 1.8E+00 | I | 5.1E-04 | I | | | | | | | 4.14 | 1 | 0.9 | Yes | Hexachlorocyclohexane, Technical | 608-73-1 | 4.3E+00 | 6.1E+00 | | 2.5E+00 | | | | | |
| | | | | 6.0E-03 | I | 2.0E-04 | I | V | | 5.04 | 1 | 0.9 | Yes | Hexachlorocyclopentadiene | 77-47-4 | | | | | 3.6E+02 | 1.2E+02 | 1.3E+00 | 1.2E+00 | 5.0E+01 |
| 4.0E-02 | I | 1.1E-05 | C | 7.0E-04 | I | 3.0E-02 | I | V | | 4.14 | 1 | 1 | Yes | Hexachloroethane | 67-72-1 | 1.9E+02 | 1.7E+02 | 5.1E+01 | 3.3E+01 | 4.2E+01 | 4.1E+01 | 1.9E+02 | 1.9E+01 | |
| | | | | 3.0E-04 | I | | | | | 7.54 | 1 | 0 | No | Hexachlorophene | 70-30-4 | | | | | 1.8E+01 | | | 1.8E+01 | |
| 1.1E-01 | I | | | 3.0E-03 | I | | | | | 0.87 | 1 | 1 | Yes | Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) | 121-82-4 | 7.1E+01 | 8.6E+03 | | 7.0E+01 | 1.8E+02 | 2.4E+04 | | 1.8E+02 | |
| | | | | | | 1.0E-05 | I | V | | 3.2 | 1 | 1 | Yes | Hexamethylene Diisocyanate, 1,6- | 822-06-0 | | | | | | | 6.3E-02 | 6.3E-02 | |
| | | | | 4.0E-04 | P | | | | | 0.28 | 1 | 1 | Yes | Hexamethylphosphoramide | 680-31-9 | | | | | 2.4E+01 | 6.0E+03 | | 2.4E+01 | |
| | | | | | | 7.0E-01 | I | V | | 3.9 | 1 | 1 | Yes | Hexane, N- | 110-54-3 | | | | | | | 4.4E+03 | 4.4E+03 | |
| | | | | 2.0E+00 | P | | | | | 0.08 | 1 | 1 | Yes | Hexanedioic Acid | 124-04-9 | | | | | 1.2E+05 | 3.3E+07 | | 1.2E+05 | |
| | | | | 5.0E-03 | I | 3.0E-02 | I | V | | 1.38 | 1 | 1 | Yes | Hexanone, 2- | 591-78-6 | | | | | 3.0E+02 | 8.3E+03 | 1.9E+02 | 1.1E+02 | |
| | | | | 3.3E-02 | I | | | | | 1.85 | 1 | 1 | Yes | Hexazinone | 51235-04-2 | | | | | 2.0E+03 | 7.1E+04 | | 1.9E+03 | |
| | | | | 2.5E-02 | I | | | | | 5.57 | 1 | 0.8 | Yes | Hexythiazox | 78587-05-0 | | | | | 1.5E+03 | 4.3E+02 | | 3.4E+02 | |
| | | | | 1.7E-02 | O | | | | | 2.31 | 1 | 1 | Yes | Hydramethylnon | 67485-29-4 | | | | | 1.0E+03 | 8.7E+04 | | 1.0E+03 | |
| 3.0E+00 | I | 4.9E-03 | I | | | 3.0E-05 | P | V | | -2.07 | 1 | 1 | Yes | Hydrazine | 302-01-2 | 2.6E+00 | 1.1E+04 | 1.1E-01 | 1.1E-01 | | | 1.9E-01 | 1.9E-01 | |
| 3.0E+00 | I | 4.9E-03 | I | | | | | | | | 1 | 1 | Yes | Hydrazine Sulfate | 10034-93-2 | 2.6E+00 | 4.9E+02 | | 2.6E+00 | | | | | |
| | | | | | | 2.0E-02 | I | V | | | 1 | 1 | Yes | Hydrogen Chloride | 7647-01-0 | | | | | | | 1.3E+02 | 1.3E+02 | |
| | | | | 4.0E-02 | C | 1.4E-02 | C | V | | 0.23 | 1 | 1 | Yes | Hydrogen Fluoride | 7664-39-3 | | | | | 2.4E+03 | 5.5E+05 | 8.8E+01 | 8.5E+01 | |
| | | | | | | 2.0E-03 | I | V | | 0.23 | 1 | 1 | Yes | Hydrogen Sulfide | 7783-06-4 | | | | | | | 1.3E+01 | 1.3E+01 | |
| 6.0E-02 | P | | | 4.0E-02 | P | | | | | 0.59 | 1 | 1 | Yes | Hydroquinone | 123-31-9 | 1.3E+02 | 1.2E+04 | | 1.3E+02 | 2.4E+03 | 2.4E+05 | | 2.4E+03 | |
| 6.1E-02 | O | | | 2.5E-03 | O | | | | | 3.82 | 1 | 0.9 | Yes | Imazalil | 35554-44-0 | 1.3E+02 | 3.1E+02 | | 9.0E+01 | 1.5E+02 | 3.9E+02 | | 1.1E+02 | |
| | | | | 2.5E-01 | I | | | | | 1.86 | 1 | 1 | Yes | Imazaquin | 81335-37-7 | | | | | 1.5E+04 | 7.8E+05 | | 1.5E+04 | |
| | | | | 2.5E+00 | O | | | | | 1.49 | 1 | 1 | Yes | Imazethapyr | 81335-77-5 | | | | | 1.5E+05 | 2.2E+06 | | 1.4E+05 | |
| | | | | 1.0E-02 | A | | | | | 2.49 | 1 | 1 | Yes | Iodine | 7553-56-2 | | | | | 6.0E+02 | 1.4E+05 | | 6.0E+02 | |
| | | | | 4.0E-02 | I | | | | | 3 | 1 | 0.9 | Yes | Iprodione | 36734-19-7 | | | | | 2.4E+03 | 2.7E+04 | | 2.2E+03 | |
| | | | | 7.0E-01 | P | | | | | | 1 | 1 | Yes | Iron | 7439-89-6 | | | | | 4.2E+04 | 9.6E+06 | | 4.2E+04 | |
| | | | | 3.0E-01 | I | | | V | | 0.76 | 1 | 1 | Yes | Isobutyl Alcohol | 78-83-1 | | | | | 1.8E+04 | 1.1E+06 | | 1.8E+04 | |
| 9.5E-04 | I | | | 2.0E-01 | I | 2.0E+00 | C | | | 1.7 | 1 | 1 | Yes | Isophorone | 78-59-1 | 8.2E+03 | 1.6E+05 | | 7.8E+03 | 1.2E+04 | 2.6E+05 | | 1.1E+04 | |
| | | | | 1.5E-02 | I | | | V | | 5.8 | 1 | 0.8 | Yes | Isopropalin | 33820-53-0 | | | | | 9.0E+02 | 1.4E+02 | | 1.2E+02 | |
| | | | | 2.0E+00 | P | 2.0E-01 | P | V | | 0.05 | 1 | 1 | Yes | Isopropanol | 67-63-0 | | | | | 1.2E+05 | 2.0E+07 | 1.3E+03 | 1.2E+03 | |
| | | | | 1.0E-01 | I | | | | | 0.27 | 1 | 1 | Yes | Isopropyl Methyl Phosphonic Acid | 1832-54-8 | | | | | 6.0E+03 | 1.2E+06 | | 6.0E+03 | |
| | | | | 5.0E-02 | I | | | | | 3.94 | 1 | 0.9 | Yes | Isoxaben | 82558-50-7 | | | | | 3.0E+03 | 8.2E+03 | | 2.2E+03 | |
| | | | | | | 3.0E-01 | A | V | | 8 | 1 | 0 | No | JP-7 | E1737665 | | | | | | | 1.9E+03 | 1.9E+03 | |

RML
HQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | muta-gen | LOGP | GIABS | FA | In EPD? | Analyte | CAS No. | Ingestion SL TR=1E-04 (ug/L) | Dermal SL TR=1E-04 (ug/L) | Inhalation SL TR=1E-04 (ug/L) | Carcinogenic SL TR=1E-04 (ug/L) | Ingestion SL Child THQ=3 (ug/L) | Dermal SL Child THQ=3 (ug/L) | Inhalation SL Child THQ=3 (ug/L) | Noncarcinogenic SL Child THI=3 (ug/L) | MCL (ug/L) |
| | | | | 8.0E-03 | O | | | | | 4.81 | 1 | 0.9 | Yes | Lactofen | 77501-63-4 | | | | | 4.8E+02 | 8.0E+02 | | 3.0E+02 | |
| | | | | 2.0E-04 | X | | | | | -0.94 | 1 | 1 | Yes | Lactonitrile | 78-97-7 | | | | | 1.2E+01 | 9.6E+03 | | 1.2E+01 | |
| | | | | | | | | | | | | | | Lead Compounds | | | | | | | | | | |
| 8.5E-03 | C | 1.2E-05 | C | | | | | | | | 1 | 0.8 | Yes | ~Lead Phosphate | 7446-27-7 | 9.2E+02 | 1.7E+05 | | 9.1E+02 | | | | | |
| 8.5E-03 | C | 1.2E-05 | C | | | | | | | -0.08 | 1 | 1 | Yes | ~Lead acetate | 301-04-2 | 9.2E+02 | 9.1E+05 | | 9.2E+02 | | | | | |
| | | | | | | | | | | | 1 | 1 | Yes | ~Lead and Compounds | 7439-92-1 | | | | | | | | 1.5E+01 | 1.5E+01 |
| 8.5E-03 | C | 1.2E-05 | C | | | | | | | -4 | 1 | 1 | No | ~Lead subacetate | 1335-32-6 | 9.2E+02 | | | 9.2E+02 | | | | | |
| | | | | 1.0E-07 | I | | | V | | 4.15 | 1 | 0.9 | Yes | ~Tetraethyl Lead | 78-00-2 | | | | | 6.0E-03 | 1.1E-02 | | 3.9E-03 | |
| | | | | 5.0E-06 | P | | | V | | 2.56 | 1 | 1 | Yes | Lewisite | 541-25-3 | | | | | 3.0E-01 | 2.7E+00 | | 2.7E-01 | |
| | | | | 7.7E-03 | O | | | | | 3.2 | 1 | 0.9 | Yes | Linuron | 330-55-2 | | | | | 4.6E+02 | 2.3E+03 | | 3.9E+02 | |
| | | | | 2.0E-03 | P | | | | | | 1 | 1 | Yes | Lithium | 7439-93-2 | | | | | 1.2E+02 | 2.7E+04 | | 1.2E+02 | |
| | | | | 5.0E-04 | I | | | | | 3.25 | 1 | 1 | Yes | MCPA | 94-74-6 | | | | | 3.0E+01 | 9.1E+01 | | 2.3E+01 | |
| | | | | 4.4E-03 | O | | | | | 2.79 | 1 | 0.9 | Yes | MCPB | 94-81-5 | | | | | 2.6E+02 | 7.2E+02 | | 1.9E+02 | |
| | | | | 1.0E-03 | I | | | | | 3.13 | 1 | 1 | Yes | MCPP | 93-65-2 | | | | | 6.0E+01 | 2.1E+02 | | 4.7E+01 | |
| | | | | 2.0E-02 | I | | | | | 2.36 | 1 | 1 | Yes | Malathion | 121-75-5 | | | | | 1.2E+03 | 3.3E+04 | | 1.2E+03 | |
| | | | | 1.0E-01 | I | 7.0E-04 | C | | | 1.62 | 1 | 1 | Yes | Maleic Anhydride | 108-31-6 | | | | | 6.0E+03 | 1.1E+05 | | 5.7E+03 | |
| | | | | 5.0E-01 | I | | | | | -0.84 | 1 | 1 | Yes | Maleic Hydrazide | 123-33-1 | | | | | 3.0E+04 | 2.7E+07 | | 3.0E+04 | |
| | | | | 1.0E-04 | P | | | | | -0.6 | 1 | 1 | Yes | Malononitrile | 109-77-3 | | | | | 6.0E+00 | 2.7E+03 | | 6.0E+00 | |
| | | | | 3.0E-02 | H | | | | | 1.33 | 1 | 0.9 | Yes | Mancozeb | 8018-01-7 | | | | | 1.8E+03 | 1.5E+04 | | 1.6E+03 | |
| | | | | 5.0E-03 | I | | | | | 0.62 | 1 | 1 | Yes | Maneb | 12427-38-2 | | | | | 3.0E+02 | 1.1E+04 | | 2.9E+02 | |
| | | | | 1.4E-01 | I | 5.0E-05 | I | | | | 1 | 1 | | Manganese (Diet) | 7439-96-5 | | | | | | | | | |
| | | | | 2.4E-02 | S | 5.0E-05 | I | | | | 0.04 | 1 | Yes | Manganese (Non-diet) | 7439-96-5 | | | | | 1.4E+03 | 1.3E+04 | | 1.3E+03 | |
| | | | | 9.0E-05 | H | | | | | 1.04 | 1 | 1 | Yes | Mephosfolan | 950-10-7 | | | | | 5.4E+00 | 7.5E+02 | | 5.4E+00 | |
| | | | | 3.0E-02 | I | | | | | -2.82 | 1 | 1 | No | Mepiquat Chloride | 24307-26-4 | | | | | 1.8E+03 | | | 1.8E+03 | |
| 1.1E-02 | P | | | 4.0E-03 | P | | | | | 2.42 | 1 | 1 | Yes | Mercaptobenzothiazole, 2- | 149-30-4 | 7.1E+02 | 5.6E+03 | | 6.3E+02 | 2.4E+02 | 2.1E+03 | | 2.2E+02 | |
| | | | | | | | | | | | | | | Mercury Compounds | | | | | | | | | | |
| | | | | 3.0E-04 | I | 3.0E-04 | S | | | -0.22 | 0.07 | 1 | Yes | ~Mercuric Chloride (and other Mercury salts) | 7487-94-7 | | | | | 1.8E+01 | 2.9E+02 | | 1.7E+01 | 2.0E+00 |
| | | | | | | 3.0E-04 | I | V | | 0.62 | 1 | 1 | Yes | ~Mercury (elemental) | 7439-97-6 | | | | | | | 1.9E+00 | 1.9E+00 | 2.0E+00 |
| | | | | 1.0E-04 | I | | | | | | 1 | 1 | Yes | ~Methyl Mercury | 22967-92-6 | | | | | 6.0E+00 | 1.4E+03 | | 6.0E+00 | |
| | | | | 8.0E-05 | I | | | | | 0.71 | 1 | 1 | Yes | ~Phenylmercuric Acetate | 62-38-4 | | | | | 4.8E+00 | 1.7E+03 | | 4.8E+00 | |
| | | | | 3.0E-05 | I | | | V | | 7.67 | 1 | 0.3 | No | Merphos | 150-50-5 | | | | | 1.8E+00 | | | 1.8E+00 | |
| | | | | 1.0E-04 | O | | | | | 5.7 | 1 | 0.9 | Yes | Merphos Oxide | 78-48-8 | | | | | 6.0E+00 | 9.9E-01 | | 8.5E-01 | |
| | | | | 6.0E-02 | I | | | | | 1.65 | 1 | 1 | Yes | Metalaxyl | 57837-19-1 | | | | | 3.6E+03 | 1.9E+05 | | 3.5E+03 | |
| | | | | 1.0E-04 | I | 3.0E-02 | P | V | | 0.68 | 1 | 1 | Yes | Methacrylonitrile | 126-98-7 | | | | | 6.0E+00 | 3.9E+02 | 1.9E+02 | 5.7E+00 | |
| | | | | 5.0E-05 | I | | | | | -0.8 | 1 | 1 | Yes | Methamidophos | 10265-92-6 | | | | | 3.0E+00 | 3.0E+03 | | 3.0E+00 | |
| | | | | 2.0E+00 | I | 2.0E+01 | I | V | | -0.77 | 1 | 1 | Yes | Methanol | 67-56-1 | | | | | 1.2E+05 | 5.4E+07 | 1.3E+05 | 6.1E+04 | |
| | | | | 1.5E-03 | O | | | | | 2.2 | 1 | 1 | Yes | Methidathion | 950-37-8 | | | | | 9.0E+01 | 2.6E+03 | | 8.7E+01 | |
| | | | | 2.5E-02 | I | | | | | 0.6 | 1 | 1 | Yes | Methomyl | 16752-77-5 | | | | | 1.5E+03 | 2.0E+05 | | 1.5E+03 | |
| 4.9E-02 | C | 1.4E-05 | C | | | | | | | 1.47 | 1 | 1 | Yes | Methoxy-5-nitroaniline, 2- | 99-59-2 | 1.6E+02 | 5.4E+03 | | 1.5E+02 | | | | | |
| | | | | 5.0E-03 | I | | | | | 5.08 | 1 | 0.8 | Yes | Methoxychlor | 72-43-5 | | | | | 3.0E+02 | 1.8E+02 | | 1.1E+02 | 4.0E+01 |
| | | | | 8.0E-03 | P | 1.0E-03 | P | V | | 0.1 | 1 | 1 | Yes | Methoxyethanol Acetate, 2- | 110-49-6 | | | | | 4.8E+02 | 1.1E+05 | 6.3E+00 | 6.2E+00 | |
| | | | | 5.0E-03 | P | 2.0E-02 | I | V | | -0.77 | 1 | 1 | Yes | Methoxyethanol, 2- | 109-86-4 | | | | | 3.0E+02 | 1.9E+05 | 1.3E+02 | 8.8E+01 | |
| | | | | 1.0E+00 | X | | | V | | 0.18 | 1 | 1 | Yes | Methyl Acetate | 79-20-9 | | | | | 6.0E+04 | 8.8E+06 | | 6.0E+04 | |
| | | | | | | 2.0E-02 | P | V | | 0.8 | 1 | 1 | Yes | Methyl Acrylate | 96-33-3 | | | | | | | 1.3E+02 | 1.3E+02 | |
| | | | | 6.0E-01 | I | 5.0E+00 | I | V | | 0.29 | 1 | 1 | Yes | Methyl Ethyl Ketone (2-Butanone) | 78-93-3 | | | | | 3.6E+04 | 4.4E+06 | 3.1E+04 | 1.7E+04 | |
| | | 1.0E-03 | X | 1.0E-03 | P | 2.0E-05 | X | V | | -1.05 | 1 | 1 | Yes | Methyl Hydrazine | 60-34-4 | | | 5.6E-01 | 5.6E-01 | 6.0E+01 | 4.6E+04 | 1.3E-01 | 1.2E-01 | |
| | | | | | | 3.0E+00 | I | V | | 1.31 | 1 | 1 | Yes | Methyl Isobutyl Ketone (4-methyl-2-pentanone) | 108-10-1 | | | | | | | 1.9E+04 | 1.9E+04 | |
| | | | | | | 1.0E-03 | C | V | | 0.79 | 1 | 1 | Yes | Methyl Isocyanate | 624-83-9 | | | | | | | 6.3E+00 | 6.3E+00 | |
| | | | | 1.4E+00 | I | 7.0E-01 | I | V | | 1.38 | 1 | 1 | Yes | Methyl Methacrylate | 80-62-6 | | | | | 8.4E+04 | 2.3E+06 | 4.4E+03 | 4.2E+03 | |
| | | | | 2.5E-04 | I | | | | | 2.86 | 1 | 1 | Yes | Methyl Parathion | 298-00-0 | | | | | 1.5E+01 | 1.2E+02 | | 1.3E+01 | |
| | | | | 6.0E-02 | X | | | | | -0.7 | 1 | 1 | Yes | Methyl Phosphonic Acid | 993-13-5 | | | | | 3.6E+03 | 3.7E+06 | | 3.6E+03 | |
| | | | | 6.0E-03 | H | 4.0E-02 | H | V | | 3.44 | 1 | 0.8 | Yes | Methyl Styrene (Mixed Isomers) | 25013-15-4 | | | | | 3.6E+02 | 1.3E+02 | 2.5E+02 | 6.9E+01 | |
| 9.9E-02 | C | 2.8E-05 | C | | | | | | | -0.66 | 1 | 1 | Yes | Methyl methanesulfonate | 66-27-3 | 7.9E+01 | 4.8E+04 | | 7.9E+01 | | | | | |
| 1.8E-03 | C | 2.6E-07 | C | | | 3.0E+00 | I | V | | 0.94 | 1 | 1 | Yes | Methyl tert-Butyl Ether (MTBE) | 1634-04-4 | 4.3E+03 | 2.0E+05 | 2.2E+03 | 1.4E+03 | | | 1.9E+04 | 1.9E+04 | |
| | | | | 3.0E-04 | X | | | | | -2.06 | 1 | 1 | Yes | Methyl-1,4-benzenediamine dihydrochloride, 2- | 615-45-2 | | | | | 1.8E+01 | 1.8E+05 | | 1.8E+01 | |
| | | | | | | 3.0E+00 | X | V | | 1.43 | 1 | 1 | Yes | Methyl-2-Pentanol, 4- | 108-11-2 | | | | | | | 1.9E+04 | 1.9E+04 | |
| 9.0E-03 | P | | | 2.0E-02 | X | | | | | 1.87 | 1 | 1 | Yes | Methyl-5-Nitroaniline, 2- | 99-55-8 | 8.7E+02 | 1.4E+04 | | 8.2E+02 | 1.2E+03 | 2.2E+04 | | 1.1E+03 | |
| 8.3E+00 | C | 2.4E-03 | C | | | | | | | -0.92 | 1 | 1 | Yes | Methyl-N-nitro-N-nitrosoguanidine, N- | 70-25-7 | 9.4E-01 | 1.1E+03 | | 9.4E-01 | | | | | |
| 1.3E-01 | C | 3.7E-05 | C | | | | | | | 1.62 | 1 | 1 | Yes | Methylaniline Hydrochloride, 2- | 636-21-5 | 6.0E+01 | 3.9E+05 | | 6.0E+01 | | | | | |
| | | | | 1.0E-02 | A | | | | | -1.18 | 1 | 1 | Yes | Methylarsonic acid | 124-58-3 | | | | | 6.0E+02 | 1.1E+06 | | 6.0E+02 | |
| | | | | 2.0E-04 | X | | | | | | 1 | 0 | No | Methylbenzene,1-4-diamine monohydrochloride, 2- | 74612-12-7 | | | | | 1.2E+01 | | | 1.2E+01 | |
| 1.0E-01 | X | | | 3.0E-04 | X | | | | | | 1 | 0 | No | Methylbenzene-1,4-diamine sulfate, 2- | 615-50-9 | 7.8E+01 | | | 7.8E+01 | 1.8E+01 | | | 1.8E+01 | |
| 2.2E+01 | C | 6.3E-03 | C | | | | | | M | 6.42 | 1 | 0.8 | No | Methylcholanthrene, 3- | 56-49-5 | 1.1E-01 | | | 1.1E-01 | | | | | |
| 2.0E-03 | I | 1.0E-08 | I | 6.0E-03 | I | 6.0E-01 | I | V | M | 1.25 | 1 | 1 | Yes | Methylene Chloride | 75-09-2 | 1.3E+03 | 3.5E+04 | 2.0E+04 | 1.1E+03 | 3.6E+02 | 1.1E+04 | 3.8E+03 | 3.2E+02 | 5.0E+00 |
| 1.0E-01 | P | 4.3E-04 | C | 2.0E-03 | P | | | | M | 3.91 | 1 | 0.9 | Yes | Methylene-bis(2-chloroaniline), 4,4'- | 101-14-4 | 2.5E+01 | 4.3E+01 | | 1.6E+01 | 1.2E+02 | 2.3E+02 | | 7.8E+01 | |
| 4.6E-02 | I | 1.3E-05 | C | | | | | | | 4.37 | 1 | 1 | Yes | Methylene-bis(N,N-dimethyl) Aniline, 4,4'- | 101-61-1 | 1.7E+02 | 6.7E+01 | | 4.8E+01 | | | | | |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | muta-gen | LOGP | GIABS | FA | In EPD? | Analyte | CAS No. | Ingestion SL TR=1E-04 (ug/L) | Dermal SL TR=1E-04 (ug/L) | Inhalation SL TR=1E-04 (ug/L) | Carcinogenic SL TR=1E-04 (ug/L) | Ingestion SL Child THQ=3 (ug/L) | Dermal SL Child THQ=3 (ug/L) | Inhalation SL Child THQ=3 (ug/L) | Noncarcinogenic SL Child THI=3 (ug/L) | MCL (ug/L) |
| 1.6E+00 | C | 4.6E-04 | C | | | 2.0E-02 | C | | | 1.59 | 1 | 1 | Yes | Methylenebisbenzenamine, 4,4'- | 101-77-9 | 4.9E+00 | 1.7E+02 | | 4.7E+00 | | | | | |
| | | | | | | 6.0E-04 | I | | | 5.22 | 1 | 0.9 | Yes | Methylenediphenyl Diisocyanate | 101-68-8 | | | | | | | | | |
| | | | | 7.0E-02 | H | | | V | | 3.48 | 1 | 1 | Yes | Methylstyrene, Alpha- | 98-83-9 | | | | | 4.2E+03 | 5.2E+03 | | 2.3E+03 | |
| | | | | 1.5E-01 | I | | | | | 3.13 | 1 | 1 | Yes | Metolachlor | 51218-45-2 | | | | | 9.0E+03 | 7.9E+04 | | 8.1E+03 | |
| | | | | 2.5E-02 | I | | | | | 1.7 | 1 | 1 | Yes | Metribuzin | 21087-64-9 | | | | | 1.5E+03 | 5.3E+04 | | 1.5E+03 | |
| | | | | 2.5E-01 | I | | | | | 2.2 | 1 | 1 | Yes | Metsulfuron-methyl | 74223-64-6 | | | | | 1.5E+04 | 7.3E+05 | | 1.5E+04 | |
| | | | | 3.0E+00 | P | | | V | | 6.1 | 1 | 1 | No | Mineral oils | 8012-95-1 | | | | | 1.8E+05 | | | 1.8E+05 | |
| 1.8E+01 | C | 5.1E-03 | C | 2.0E-04 | I | | | V | | 6.89 | 1 | 0.5 | No | Mirex | 2385-85-5 | 4.3E-01 | | 1.1E-01 | 8.8E-02 | 1.2E+01 | | | 1.2E+01 | |
| | | | | 2.0E-03 | I | | | | | 3.21 | 1 | 1 | Yes | Molinate | 2212-67-1 | | | | | 1.2E+02 | 3.5E+02 | | 9.0E+01 | |
| | | | | 5.0E-03 | I | | | | | | 1 | 1 | Yes | Molybdenum | 7439-98-7 | | | | | 3.0E+02 | 6.8E+04 | | 3.0E+02 | |
| | | | | 1.0E-01 | I | | | | | | 1 | 1 | Yes | Monochloramine | 10599-90-3 | | | | | 6.0E+03 | 1.4E+06 | | 6.0E+03 | 4.0E+03 |
| | | | | 2.0E-03 | P | | | | | 1.66 | 1 | 1 | Yes | Monomethylaniline | 100-61-8 | | | | | 1.2E+02 | 2.3E+03 | | 1.1E+02 | |
| | | | | 2.5E-02 | I | | | | | 2.94 | 1 | 1 | Yes | Myclobutanil | 88671-89-0 | | | | | 1.5E+03 | 1.4E+04 | | 1.4E+03 | |
| | | | | 3.0E-04 | X | | | | | 4.04 | 1 | 0.9 | Yes | N,N'-Diphenyl-1,4-benzenediamine | 74-31-7 | | | | | 1.8E+01 | 2.7E+01 | | 1.1E+01 | |
| | | | | 2.0E-03 | I | | | V | | 1.38 | 1 | 1 | Yes | Naled | 300-76-5 | | | | | 1.2E+02 | 2.0E+04 | | 1.2E+02 | |
| | | | | 3.0E-02 | X | 1.0E-01 | P | V | | | 1 | 0 | No | Naphtha, High Flash Aromatic (HFAN) | 64742-95-6 | | | | | 1.8E+03 | | 6.3E+02 | 4.6E+02 | |
| 1.8E+00 | C | 0.0E+00 | C | | | | | | | 2.28 | 1 | 1 | Yes | Naphthylamine, 2- | 91-59-8 | 4.3E+00 | 3.6E+01 | | 3.9E+00 | | | | | |
| | | | | 1.2E-01 | O | | | | | 3.36 | 1 | 0.9 | Yes | Napropamide | 15299-99-7 | | | | | 7.2E+03 | 3.2E+04 | | 5.9E+03 | |
| | | 2.6E-04 | C | 1.1E-02 | C | 1.4E-05 | C | | | -1.38 | 1 | 1 | Yes | Nickel Acetate | 373-02-4 | | | | | 6.6E+02 | 2.0E+06 | | 6.6E+02 | |
| | | 2.6E-04 | C | 1.1E-02 | C | 1.4E-05 | C | | | -2.12 | 1 | 1 | Yes | Nickel Carbonate | 3333-67-3 | | | | | 6.6E+02 | 4.3E+06 | | 6.6E+02 | |
| | | 2.6E-04 | C | 1.1E-02 | C | 1.4E-05 | C | V | | | 1 | 0 | Yes | Nickel Carbonyl | 13463-39-3 | | | 2.2E+00 | 2.2E+00 | 6.6E+02 | | 8.8E-02 | 8.8E-02 | |
| | | 2.6E-04 | C | 1.1E-02 | C | 1.4E-05 | C | | | | 0.04 | 1 | Yes | Nickel Hydroxide | 12054-48-7 | | | | | 6.6E+02 | 6.0E+03 | | 6.0E+02 | |
| | | 2.6E-04 | C | 1.1E-02 | C | 2.0E-05 | C | | | | 0.04 | 1 | Yes | Nickel Oxide | 1313-99-1 | | | | | 6.6E+02 | 6.0E+03 | | 6.0E+02 | |
| | | 2.4E-04 | I | 1.1E-02 | C | 1.4E-05 | C | | | | 0.04 | 0 | Yes | Nickel Refinery Dust | E715532 | | | | | 6.6E+02 | 3.0E+04 | | 6.5E+02 | |
| | | 2.6E-04 | C | 2.0E-02 | I | 9.0E-05 | A | | | | 0.04 | 1 | Yes | Nickel Soluble Salts | 7440-02-0 | | | | | 1.2E+03 | 5.5E+04 | | 1.2E+03 | |
| 1.7E+00 | C | 4.8E-04 | I | 1.1E-02 | C | 1.4E-05 | C | | | | 0.04 | 1 | Yes | Nickel Subsulfide | 12035-72-2 | 4.6E+00 | 1.7E+02 | | 4.5E+00 | 6.6E+02 | 3.0E+04 | | 6.5E+02 | |
| | | 2.6E-04 | C | 1.1E-02 | C | 1.4E-05 | C | | | | 1 | 0 | Yes | Nickelocene | 1271-28-9 | | | | | 6.6E+02 | | | 6.6E+02 | |
| | | | | 1.6E+00 | I | | | | | | 1 | 1 | Yes | Nitrate | 14797-55-8 | | | | | 9.6E+04 | 2.2E+07 | | 9.6E+04 | 1.0E+04 |
| | | | | | | | | | | | 1 | 0 | Yes | Nitrate + Nitrite (as N) | E701177 | | | | | | | | | 1.0E+04 |
| | | | | 1.0E-01 | I | | | | | | 1 | 1 | Yes | Nitrite | 14797-65-0 | | | | | 6.0E+03 | 1.4E+06 | | 6.0E+03 | 1.0E+03 |
| | | | | 1.0E-02 | X | 5.0E-05 | X | | | 1.85 | 1 | 1 | Yes | Nitroaniline, 2- | 88-74-4 | | | | | 6.0E+02 | 1.0E+04 | | 5.7E+02 | |
| 2.0E-02 | P | | | 4.0E-03 | P | 6.0E-03 | P | | | 1.39 | 1 | 1 | Yes | Nitroaniline, 4- | 100-01-6 | 3.9E+02 | 1.2E+04 | | 3.8E+02 | 2.4E+02 | 8.3E+03 | | 2.3E+02 | |
| | | 4.0E-05 | I | 2.0E-03 | I | 9.0E-03 | I | V | | 1.85 | 1 | 1 | Yes | Nitrobenzene | 98-95-3 | | | 1.4E+01 | 1.4E+01 | 1.2E+02 | 1.9E+03 | 5.6E+01 | 3.8E+01 | |
| | | | | 3.0E+03 | P | | | | | -4.56 | 1 | 1 | No | Nitrocellulose | 9004-70-0 | | | | | 1.8E+08 | | | 1.8E+08 | |
| | | | | 7.0E-02 | H | | | | | -0.47 | 1 | 1 | Yes | Nitrofurantoin | 67-20-9 | | | | | 4.2E+03 | 4.8E+06 | | 4.2E+03 | |
| 1.3E+00 | C | 3.7E-04 | C | | | | | | | 0.23 | 1 | 1 | Yes | Nitrofurazone | 59-87-0 | 6.0E+00 | 1.7E+03 | | 6.0E+00 | | | | | |
| 1.7E-02 | P | | | 1.0E-04 | P | | | | | 1.62 | 1 | 1 | Yes | Nitroglycerin | 55-63-0 | 4.6E+02 | 1.8E+04 | | 4.5E+02 | 6.0E+00 | 2.6E+02 | | 5.9E+00 | |
| | | | | 1.0E-01 | I | | | | | -0.89 | 1 | 1 | Yes | Nitroguanidine | 556-88-7 | | | | | 6.0E+03 | 5.5E+06 | | 6.0E+03 | |
| | | 8.8E-06 | P | | | 5.0E-03 | P | V | | -0.35 | 1 | 1 | Yes | Nitromethane | 75-52-5 | | | 6.4E+01 | 6.4E+01 | | | 3.1E+01 | 3.1E+01 | |
| | | 2.7E-03 | H | | | 2.0E-02 | I | V | | 0.93 | 1 | 1 | Yes | Nitropropane, 2- | 79-46-9 | | | 2.1E-01 | 2.1E-01 | | | 1.3E+02 | 1.3E+02 | |
| 2.7E+01 | C | 7.7E-03 | C | | | | | | M | 0.23 | 1 | 1 | Yes | Nitroso-N-ethylurea, N- | 759-73-9 | 9.3E-02 | 1.5E+01 | | 9.2E-02 | | | | | |
| 1.2E+02 | C | 3.4E-02 | C | | | | | | M | -0.03 | 1 | 1 | Yes | Nitroso-N-methylurea, N- | 684-93-5 | 2.1E-02 | 4.6E+00 | | 2.1E-02 | | | | | |
| 5.4E+00 | I | 1.6E-03 | I | | | | | V | | 2.63 | 1 | 1 | Yes | Nitroso-di-N-butylamine, N- | 924-16-3 | 1.4E+00 | 7.9E+00 | 3.5E-01 | 2.7E-01 | | | | | |
| 7.0E+00 | I | 2.0E-03 | C | | | | | | | 1.36 | 1 | 1 | Yes | Nitroso-di-N-propylamine, N- | 621-64-7 | 1.1E+00 | 3.5E+01 | | 1.1E+00 | | | | | |
| 2.8E+00 | I | 8.0E-04 | C | | | | | | | -1.28 | 1 | 1 | Yes | Nitrosodiethanolamine, N- | 1116-54-7 | 2.8E+00 | 8.1E+03 | | 2.8E+00 | | | | | |
| 1.5E+02 | I | 4.3E-02 | I | | | | | | M | 0.48 | 1 | 1 | Yes | Nitrosodiethylamine, N- | 55-18-5 | 1.7E-02 | 1.7E+00 | | 1.7E-02 | | | | | |
| 5.1E+01 | I | 1.4E-02 | I | 8.0E-06 | P | 4.0E-05 | X | V | M | -0.57 | 1 | 1 | Yes | Nitrosodimethylamine, N- | 62-75-9 | 4.9E-02 | 2.0E+01 | 1.4E-02 | 1.1E-02 | 4.8E-01 | 2.2E+02 | 2.5E-01 | 1.6E-01 | |
| 4.9E-03 | I | 2.6E-06 | C | | | | | | | 3.13 | 1 | 1 | Yes | Nitrosodiphenylamine, N- | 86-30-6 | 1.6E+03 | 5.2E+03 | | 1.2E+03 | | | | | |
| 2.2E+01 | I | 6.3E-03 | C | | | | | V | | 0.04 | 1 | 1 | Yes | Nitrosomethylethylamine, N- | 10595-95-6 | 3.5E-01 | 6.4E+01 | 8.9E-02 | 7.1E-02 | | | | | |
| 6.7E+00 | C | 1.9E-03 | C | | | | | | | -0.44 | 1 | 1 | Yes | Nitrosomorpholine [N-] | 59-89-2 | 1.2E+00 | 5.3E+02 | | 1.2E+00 | | | | | |
| 9.4E+00 | C | 2.7E-03 | C | | | | | | | 0.36 | 1 | 1 | Yes | Nitrosopiperidine [N-] | 100-75-4 | 8.3E-01 | 1.1E+02 | | 8.2E-01 | | | | | |
| 2.1E+00 | I | 6.1E-04 | I | | | | | | | -0.19 | 1 | 1 | Yes | Nitrosopyrrolidine, N- | 930-55-2 | 3.7E+00 | 1.0E+03 | | 3.7E+00 | | | | | |
| | | | | 1.0E-04 | X | | | | | 2.45 | 1 | 1 | Yes | Nitrotoluene, m- | 99-08-1 | | | | | 6.0E+00 | 4.1E+01 | | 5.2E+00 | |
| 2.2E-01 | P | | | 9.0E-04 | P | | | V | | 2.3 | 1 | 1 | Yes | Nitrotoluene, o- | 88-72-2 | 3.5E+01 | 2.8E+02 | | 3.1E+01 | 5.4E+01 | 4.6E+02 | | 4.8E+01 | |
| 1.6E-02 | P | | | 4.0E-03 | P | | | | | 2.37 | 1 | 1 | Yes | Nitrotoluene, p- | 99-99-0 | 4.9E+02 | 3.4E+03 | | 4.3E+02 | 2.4E+02 | 1.8E+03 | | 2.1E+02 | |
| | | | | 3.0E-04 | X | 2.0E-02 | P | V | | 5.65 | 1 | 1 | No | Nonane, n- | 111-84-2 | | | | | 1.8E+01 | | 1.3E+02 | 1.6E+01 | |
| | | | | 1.5E-02 | O | | | | | 2.3 | 1 | 1 | Yes | Norflurazon | 27314-13-2 | | | | | 9.0E+02 | 2.3E+04 | | 8.7E+02 | |
| | | | | 3.0E-03 | I | | | | | 8.71 | 1 | 0.3 | No | Octabromodiphenyl Ether | 32536-52-0 | | | | | 1.8E+02 | | | 1.8E+02 | |
| | | | | 5.0E-02 | I | | | | | 0.16 | 1 | 1 | Yes | Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX) | 2691-41-0 | | | | | 3.0E+03 | 1.9E+06 | | 3.0E+03 | |
| | | | | 2.0E-03 | H | | | | | -1.01 | 1 | 1 | Yes | Octamethylpyrophosphoramide | 152-16-9 | | | | | 1.2E+02 | 4.3E+05 | | 1.2E+02 | |
| 7.8E-03 | O | | | 1.4E-01 | O | | | | | 3.73 | 1 | 0.9 | Yes | Oryzalin | 19044-88-3 | 1.0E+03 | 3.8E+03 | | 7.9E+02 | 8.4E+03 | 3.5E+04 | | 6.8E+03 | |
| | | | | 5.0E-03 | I | | | | | 4.8 | 1 | 0.8 | Yes | Oxadiazon | 19666-30-9 | | | | | 3.0E+02 | 2.7E+02 | | 1.4E+02 | |
| | | | | 2.5E-02 | I | | | | | -0.47 | 1 | 1 | Yes | Oxamyl | 23135-22-0 | | | | | 1.5E+03 | 1.5E+06 | | 1.5E+03 | 2.0E+02 |
| 7.3E-02 | O | | | 3.0E-02 | O | | | | | 4.73 | 1 | 0.8 | Yes | Oxyfluorfen | 42874-03-3 | 1.1E+02 | 1.1E+02 | | 5.4E+01 | 1.8E+03 | 2.0E+03 | | 9.5E+02 | |
| | | | | 1.3E-02 | I | | | | | 3.2 | 1 | 0.9 | Yes | Paclobutrazol | 76738-62-0 | | | | | 7.8E+02 | 5.2E+03 | | 6.8E+02 | |
| | | | | 4.5E-03 | I | | | | | -4.5 | 1 | 1 | No | Paraquat Dichloride | 1910-42-5 | | | | | 2.7E+02 | | | 2.7E+02 | |

RML
THQ=3.0

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| 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 | muta-gen | LOGP | GIABS | FA | In EPD? | Analyte | CAS No. | Ingestion SL TR=1E-04 (ug/L) | Dermal SL TR=1E-04 (ug/L) | Inhalation SL TR=1E-04 (ug/L) | Carcinogenic SL TR=1E-04 (ug/L) | Ingestion SL Child THQ=3 (ug/L) | Dermal SL Child THQ=3 (ug/L) | Inhalation SL Child THQ=3 (ug/L) | Noncarcinogenic SL Child THI=3 (ug/L) | MCL (ug/L) |
| | | | | 6.0E-03 | H | | | | | 3.83 | 1 | 0.9 | Yes | Parathion | 56-38-2 | | | | | 3.6E+02 | 8.9E+02 | | 2.6E+02 | |
| | | | | 5.0E-02 | H | | | V | | 3.83 | 1 | 1 | Yes | Pebulate | 1114-71-2 | | | | | 3.0E+03 | 3.8E+03 | | 1.7E+03 | |
| | | | | 3.0E-02 | O | | | | | 5.2 | 1 | 0.9 | Yes | Pendimethalin | 40487-42-1 | | | | | 1.8E+03 | 5.3E+02 | | 4.1E+02 | |
| | | | | 2.0E-03 | I | | | V | | 6.84 | 1 | 0.6 | No | Pentabromodiphenyl Ether | 32534-81-9 | | | | | 1.2E+02 | | | 1.2E+02 | |
| | | | | 1.0E-04 | I | | | | | 7.66 | 1 | 0.6 | No | Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99) | 60348-60-9 | | | | | 6.0E+00 | | | 6.0E+00 | |
| | | | | 8.0E-04 | I | | | V | | 5.17 | 1 | 0.9 | Yes | Pentachlorobenzene | 608-93-5 | | | | | 4.8E+01 | 1.2E+01 | | 9.5E+00 | |
| 9.0E-02 | P | | | | | | | V | | 3.22 | 1 | 1 | Yes | Pentachloroethane | 76-01-7 | 8.7E+01 | 2.5E+02 | | 6.5E+01 | | | | | |
| 2.6E-01 | H | | | 3.0E-03 | I | | | V | | 4.64 | 1 | 0.9 | Yes | Pentachloronitrobenzene | 82-68-8 | 3.0E+01 | 2.0E+01 | | 1.2E+01 | 1.8E+02 | 1.3E+02 | | 7.7E+01 | |
| 4.0E-01 | I | 5.1E-06 | C | 5.0E-03 | I | | | | | 5.12 | 1 | 0.9 | Yes | Pentachlorophenol | 87-86-5 | 1.9E+01 | 5.2E+00 | | 4.1E+00 | 3.0E+02 | 8.8E+01 | | 6.8E+01 | 1.0E+00 |
| 4.0E-03 | X | | | 2.0E-03 | P | | | | | 2.38 | 1 | 1 | Yes | Pentaerythritol tetranitrate (PETN) | 78-11-5 | 1.9E+03 | 4.3E+04 | | 1.9E+03 | 1.2E+02 | 2.9E+03 | | 1.2E+02 | |
| | | | | | | 1.0E+00 | P | V | | 3.39 | 1 | 1 | Yes | Pentane, n- | 109-66-0 | | | | | | | 6.3E+03 | 6.3E+03 | |
| | | | | | | | | | | | | | | Perchlorates | | | | | | | | | | |
| | | | | 7.0E-04 | I | | | | | | 1 | 1 | Yes | ~Ammonium Perchlorate | 7790-98-9 | | | | | 4.2E+01 | 9.6E+03 | | 4.2E+01 | |
| | | | | 7.0E-04 | I | | | | | | 1 | 1 | Yes | ~Lithium Perchlorate | 7791-03-9 | | | | | 4.2E+01 | 9.6E+03 | | 4.2E+01 | |
| | | | | 7.0E-04 | I | | | | | | 1 | 1 | Yes | ~Perchlorate and Perchlorate Salts | 14797-73-0 | | | | | 4.2E+01 | 9.6E+03 | | 4.2E+01 | 1.5E+01(F |
| | | | | 7.0E-04 | I | | | | | | 1 | 1 | Yes | ~Potassium Perchlorate | 7778-74-7 | | | | | 4.2E+01 | 4.8E+03 | | 4.2E+01 | |
| | | | | 7.0E-04 | I | | | | | | 1 | 1 | Yes | ~Sodium Perchlorate | 7601-89-0 | | | | | 4.2E+01 | 9.6E+03 | | 4.2E+01 | |
| | | | | 2.0E-02 | P | | | | | | 1 | 0 | Yes | Perfluorobutane sulfonic acid (PFBS) | 375-73-5 | | | | | 1.2E+03 | | | 1.2E+03 | |
| | | | | 2.0E-02 | P | | | | | | 1 | 0 | Yes | Perfluorobutanesulfonate | 45187-15-3 | | | | | 1.2E+03 | | | 1.2E+03 | |
| | | | | 5.0E-02 | I | | | | | 6.5 | 1 | 0.6 | No | Permethrin | 52645-53-1 | | | | | 3.0E+03 | | | 3.0E+03 | |
| 2.2E-03 | C | 6.3E-07 | C | | | | | | | 1.58 | 1 | 1 | Yes | Phenacetin | 62-44-2 | 3.5E+03 | 1.1E+05 | | 3.4E+03 | | | | | |
| | | | | 2.4E-01 | O | | | | | 3.59 | 1 | 0.9 | Yes | Phenmedipham | 13684-63-4 | | | | | 1.4E+04 | 5.5E+04 | | 1.1E+04 | |
| | | | | 3.0E-01 | I | 2.0E-01 | C | | | 1.46 | 1 | 1 | Yes | Phenol | 108-95-2 | | | | | 1.8E+04 | 4.2E+05 | | 1.7E+04 | |
| | | | | 4.0E-03 | I | | | | | 1.52 | 1 | 1 | Yes | Phenol, 2-(1-methylethoxy)-, methylcarbamate | 114-26-1 | | | | | 2.4E+02 | 1.1E+04 | | 2.4E+02 | |
| | | | | 5.0E-04 | X | | | | | 4.15 | 1 | 1 | Yes | Phenothiazine | 92-84-2 | | | | | 3.0E+01 | 2.3E+01 | | 1.3E+01 | |
| | | | | 2.0E-04 | X | | | V | | 3.28 | 1 | 1 | Yes | Phenyl Isothiocyanate | 103-72-0 | | | | | 1.2E+01 | 2.3E+01 | | 7.9E+00 | |
| | | | | 6.0E-03 | I | | | | | -0.33 | 1 | 1 | Yes | Phenylenediamine, m- | 108-45-2 | | | | | 3.6E+02 | 1.4E+05 | | 3.6E+02 | |
| 1.2E-01 | P | | | 4.0E-03 | P | | | | | 0.15 | 1 | 1 | Yes | Phenylenediamine, o- | 95-54-5 | 6.5E+01 | 1.1E+04 | | 6.5E+01 | 2.4E+02 | 4.6E+04 | | 2.4E+02 | |
| | | | | 1.0E-03 | X | | | | | -0.3 | 1 | 1 | Yes | Phenylenediamine, p- | 106-50-3 | | | | | 6.0E+01 | 2.3E+04 | | 6.0E+01 | |
| 1.9E-03 | H | | | | | | | | | 3.09 | 1 | 1 | Yes | Phenylphenol, 2- | 90-43-7 | 4.0E+03 | 1.2E+04 | | 3.0E+03 | | | | | |
| | | | | 2.0E-04 | H | | | | | 3.56 | 1 | 0.9 | Yes | Phorate | 298-02-2 | | | | | 1.2E+01 | 3.7E+01 | | 9.1E+00 | |
| | | | | | | 3.0E-04 | I | V | | -0.71 | 1 | 1 | | Phosgene | 75-44-5 | | | | | | | | | |
| | | | | 2.0E-02 | I | | | | | 2.78 | 1 | 1 | Yes | Phosmet | 732-11-6 | | | | | 1.2E+03 | 1.6E+04 | | 1.1E+03 | |
| | | | | | | | | | | | | | | Phosphates, Inorganic | | | | | | | | | | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Aluminum metaphosphate | 13776-88-0 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 0 | Yes | ~Ammonium polyphosphate | 68333-79-9 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Calcium pyrophosphate | 7790-76-3 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Diammonium phosphate | 7783-28-0 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Dicalcium phosphate | 7757-93-9 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Dimagnesium phosphate | 7782-75-4 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Dipotassium phosphate | 7758-11-4 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Disodium phosphate | 7558-79-4 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Monoaluminum phosphate | 13530-50-2 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Monoammonium phosphate | 7722-76-1 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Monocalcium phosphate | 7758-23-8 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Monomagnesium phosphate | 7757-86-0 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Monopotassium phosphate | 7778-77-0 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Monosodium phosphate | 7558-80-7 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Polyphosphoric acid | 8017-16-1 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 0.9 | Yes | ~Potassium tripolyphosphate | 13845-36-8 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Sodium acid pyrophosphate | 7758-16-9 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Sodium aluminum phosphate (acidic) | 7785-88-8 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 0 | Yes | ~Sodium aluminum phosphate (anhydrous) | 10279-59-1 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 0.8 | Yes | ~Sodium aluminum phosphate (tetrahydrate) | 10305-76-7 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 0.9 | Yes | ~Sodium hexametaphosphate | 10124-56-8 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Sodium polyphosphate | 68915-31-1 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Sodium trimetaphosphate | 7785-84-4 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Sodium tripolyphosphate | 7758-29-4 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Tetrapotassium phosphate | 7320-34-5 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Tetrasodium pyrophosphate | 7722-88-5 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 0.8 | Yes | ~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate) | 15136-87-5 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Tricalcium phosphate | 7758-87-4 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Trimagnesium phosphate | 7757-87-1 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Tripotassium phosphate | 7778-53-2 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 4.9E+01 | P | | | | | | 1 | 1 | Yes | ~Trisodium phosphate | 7601-54-9 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 3.0E-04 | I | 3.0E-04 | I | V | | -0.27 | 1 | 1 | Yes | Phosphine | 7803-51-2 | | | | | 1.8E+01 | 4.1E+03 | 1.9E+00 | 1.7E+00 | |

RML HQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | muta-gen | LOGP | GIABS | FA | In EPD? | Analyte | CAS No. | Ingestion SL TR=1E-04 (ug/L) | Dermal SL TR=1E-04 (ug/L) | Inhalation SL TR=1E-04 (ug/L) | Carcinogenic SL TR=1E-04 (ug/L) | Ingestion SL Child THQ=3 (ug/L) | Dermal SL Child THQ=3 (ug/L) | Inhalation SL Child THQ=3 (ug/L) | Noncarcinogenic SL Child THI=3 (ug/L) | MCL (ug/L) |
| | | | | 4.9E+01 | P | 1.0E-02 | I | | | | 1 | 1 | Yes | Phosphoric Acid | 7664-38-2 | | | | | 2.9E+06 | 6.6E+08 | | 2.9E+06 | |
| | | | | 2.0E-05 | I | | | V | | 3.08 | 1 | 1 | Yes | Phosphorus, White | 7723-14-0 | | | | | 1.2E+00 | 2.7E+02 | | 1.2E+00 | |
| | | | | | | | | | | | | | | Phthalates | | | | | | | | | | |
| 1.4E-02 | I | 2.4E-06 | C | 2.0E-02 | I | | | | | 7.6 | 1 | 0.8 | No | ~Bis(2-ethylhexyl)phthalate | 117-81-7 | 5.6E+02 | | | 5.6E+02 | 1.2E+03 | | | 1.2E+03 | 6.0E+00 |
| 1.9E-03 | P | | | 2.0E-01 | I | | | | | 4.73 | 1 | 0.9 | Yes | ~Butyl Benzyl Phthalate | 85-68-7 | 4.1E+03 | 2.7E+03 | | 1.6E+03 | 1.2E+04 | 8.6E+03 | | 5.0E+03 | |
| | | | | 1.0E+00 | I | | | | | 4.15 | 1 | 0.9 | Yes | ~Butylphthalyl Butylglycolate | 85-70-1 | | | | | 6.0E+04 | 1.2E+05 | | 4.0E+04 | |
| | | | | 1.0E-01 | I | | | | | 4.5 | 1 | 0.9 | Yes | ~Dibutyl Phthalate | 84-74-2 | | | | | 6.0E+03 | 4.9E+03 | | 2.7E+03 | |
| | | | | 8.0E-01 | I | | | | | 2.42 | 1 | 1 | Yes | ~Diethyl Phthalate | 84-66-2 | | | | | 4.8E+04 | 5.9E+05 | | 4.5E+04 | |
| | | | | 1.0E-01 | I | | | V | | 2.25 | 1 | 1 | Yes | ~Dimethylterephthalate | 120-61-6 | | | | | 6.0E+03 | 8.0E+04 | | 5.6E+03 | |
| | | | | 1.0E-02 | P | | | | | 8.1 | 1 | 0 | No | ~Octyl Phthalate, di-N- | 117-84-0 | | | | | 6.0E+02 | | | 6.0E+02 | |
| | | | | 1.0E+00 | H | | | | | 2 | 1 | 1 | Yes | ~Phthalic Acid, P- | 100-21-0 | | | | | 6.0E+04 | 9.8E+05 | | 5.7E+04 | |
| | | | | 2.0E+00 | I | 2.0E-02 | C | | | 1.6 | 1 | 1 | Yes | ~Phthalic Anhydride | 85-44-9 | | | | | 1.2E+05 | 3.2E+06 | | 1.2E+05 | |
| | | | | 7.0E-02 | I | | | | | 1.9 | 1 | 1 | Yes | Picloram | 1918-02-1 | | | | | 4.2E+03 | 1.3E+05 | | 4.1E+03 | 5.0E+02 |
| | | | | 1.0E-04 | X | | | | | 0.93 | 1 | 1 | Yes | Picramic Acid (2-Amino-4,6-dinitrophenol) | 96-91-3 | | | | | 6.0E+00 | 6.3E+02 | | 6.0E+00 | |
| | | | | 9.0E-04 | X | | | | | 1.44 | 1 | 1 | Yes | Picric Acid (2,4,6-Trinitrophenol) | 88-89-1 | | | | | 5.4E+01 | 3.7E+03 | | 5.3E+01 | |
| | | | | 6.7E-05 | O | | | | | 4.2 | 1 | 0.9 | Yes | Pirimiphos, Methyl | 29232-93-7 | | | | | 4.0E+00 | 6.2E+00 | | 2.4E+00 | |
| 3.0E+01 | C | 8.6E-03 | C | 7.0E-06 | H | | | | | | 1 | 0 | No | Polybrominated Biphenyls | 59536-65-1 | 2.6E-01 | | | 2.6E-01 | 4.2E-01 | | | 4.2E-01 | |
| | | | | | | | | | | | | | | Polychlorinated Biphenyls (PCBs) | | | | | | | | | | |
| 7.0E-02 | S | 2.0E-05 | S | 7.0E-05 | I | | | V | | 5.69 | 1 | 0 | No | ~Aroclor 1016 | 12674-11-2 | 1.1E+02 | | 2.8E+01 | 2.2E+01 | 4.2E+00 | | | 4.2E+00 | |
| 2.0E+00 | S | 5.7E-04 | S | | | | | V | | 4.65 | 1 | 1 | Yes | ~Aroclor 1221 | 11104-28-2 | 3.9E+00 | 1.2E+00 | 9.8E-01 | 4.7E-01 | | | | | |
| 2.0E+00 | S | 5.7E-04 | S | | | | | V | | 4.4 | 1 | 1 | Yes | ~Aroclor 1232 | 11141-16-5 | 3.9E+00 | 1.2E+00 | 9.8E-01 | 4.7E-01 | | | | | |
| 2.0E+00 | S | 5.7E-04 | S | | | | | V | | 6.34 | 1 | 0.7 | No | ~Aroclor 1242 | 53469-21-9 | 3.9E+00 | | 9.8E-01 | 7.8E-01 | | | | | |
| 2.0E+00 | S | 5.7E-04 | S | | | | | V | | 6.2 | 1 | 0 | No | ~Aroclor 1248 | 12672-29-6 | 3.9E+00 | | 9.8E-01 | 7.8E-01 | | | | | |
| 2.0E+00 | S | 5.7E-04 | S | 2.0E-05 | I | | | V | | 6.5 | 1 | 0.5 | No | ~Aroclor 1254 | 11097-69-1 | 3.9E+00 | | 9.8E-01 | 7.8E-01 | 1.2E+00 | | | 1.2E+00 | |
| 2.0E+00 | S | 5.7E-04 | S | | | | | V | | 7.55 | 1 | 0 | No | ~Aroclor 1260 | 11096-82-5 | 3.9E+00 | | 9.8E-01 | 7.8E-01 | | | | | |
| | | | | 6.0E-04 | X | | | V | | 6.34 | 1 | 0.7 | No | ~Aroclor 5460 | 11126-42-4 | | | | | 3.6E+01 | | | 3.6E+01 | |
| 3.9E+00 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | 8.27 | 1 | 0 | No | ~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189) | 39635-31-9 | 2.0E+00 | | 4.9E-01 | 4.0E-01 | 1.4E+00 | | 8.3E+00 | 1.2E+00 | |
| 3.9E+00 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | 7.5 | 1 | 0 | No | ~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167) | 52663-72-6 | 2.0E+00 | | 4.9E-01 | 4.0E-01 | 1.4E+00 | | 8.3E+00 | 1.2E+00 | |
| 3.9E+00 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | 7.6 | 1 | 0 | No | ~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157) | 69782-90-7 | 2.0E+00 | | 4.9E-01 | 4.0E-01 | 1.4E+00 | | 8.3E+00 | 1.2E+00 | |
| 3.9E+00 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | 7.6 | 1 | 0 | No | ~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156) | 38380-08-4 | 2.0E+00 | | 4.9E-01 | 4.0E-01 | 1.4E+00 | | 8.3E+00 | 1.2E+00 | |
| 3.9E+03 | E | 1.1E+00 | E | 2.3E-08 | E | 1.3E-06 | E | V | | 7.41 | 1 | 0.1 | No | ~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169) | 32774-16-6 | 2.0E-03 | | 4.9E-04 | 4.0E-04 | 1.4E-03 | | 8.3E-03 | 1.2E-03 | |
| 3.9E+00 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | 6.98 | 1 | 0.4 | No | ~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123) | 65510-44-3 | 2.0E+00 | | 4.9E-01 | 4.0E-01 | 1.4E+00 | | 8.3E+00 | 1.2E+00 | |
| 3.9E+00 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | 7.12 | 1 | 0.3 | No | ~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118) | 31508-00-6 | 2.0E+00 | | 4.9E-01 | 4.0E-01 | 1.4E+00 | | 8.3E+00 | 1.2E+00 | |
| 3.9E+00 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | 6.79 | 1 | 0.5 | No | ~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105) | 32598-14-4 | 2.0E+00 | | 4.9E-01 | 4.0E-01 | 1.4E+00 | | 8.3E+00 | 1.2E+00 | |
| 3.9E+00 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | 6.98 | 1 | 0.4 | No | ~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114) | 74472-37-0 | 2.0E+00 | | 4.9E-01 | 4.0E-01 | 1.4E+00 | | 8.3E+00 | 1.2E+00 | |
| 1.3E+04 | E | 3.8E+00 | E | 7.0E-09 | E | 4.0E-07 | E | V | | 6.98 | 1 | 0.4 | No | ~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126) | 57465-28-8 | 6.0E-04 | | 1.5E-04 | 1.2E-04 | 4.2E-04 | | 2.5E-03 | 3.6E-04 | |
| 2.0E+00 | I | 5.7E-04 | I | | | | | V | | 7.1 | 1 | 0.7 | | ~Polychlorinated Biphenyls (high risk) | 1336-36-3 | | | | | | | | | 5.0E-01 |
| 4.0E-01 | I | 1.0E-04 | I | | | | | V | | 7.1 | 1 | 0.7 | No | ~Polychlorinated Biphenyls (low risk) | 1336-36-3 | 1.9E+01 | | 5.6E+00 | 4.4E+00 | | | | | 5.0E-01 |
| 7.0E-02 | I | 2.0E-05 | I | | | | | V | | 7.1 | 1 | 0.7 | | ~Polychlorinated Biphenyls (lowest risk) | 1336-36-3 | | | | | | | | | 5.0E-01 |
| 1.3E+01 | E | 3.8E-03 | E | 7.0E-06 | E | 4.0E-04 | E | | | 6.63 | 1 | 0.6 | No | ~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77) | 32598-13-3 | 6.0E-01 | | | 6.0E-01 | 4.2E-01 | | | 4.2E-01 | |
| 3.9E+01 | E | 1.1E-02 | E | 2.3E-06 | E | 1.3E-04 | E | V | | 6.34 | 1 | 0.7 | No | ~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81) | 70362-50-4 | 2.0E-01 | | 4.9E-02 | 4.0E-02 | 1.4E-01 | | 8.3E-01 | 1.2E-01 | |
| | | | | | | 6.0E-04 | I | | | 10.46 | 1 | 0 | No | Polymeric Methylene Diphenyl Diisocyanate (PMDI) | 9016-87-9 | | | | | | | | | |
| | | | | | | | | | | | | | | Polynuclear Aromatic Hydrocarbons (PAHs) | | | | | | | | | | |
| | | | | 6.0E-02 | I | | | V | | 3.92 | 1 | 1 | Yes | ~Acenaphthene | 83-32-9 | | | | | 3.6E+03 | 2.9E+03 | | 1.6E+03 | |
| | | | | 3.0E-01 | I | | | V | | 4.45 | 1 | 1 | Yes | ~Anthracene | 120-12-7 | | | | | 1.8E+04 | 7.5E+03 | | 5.3E+03 | |
| 1.0E-01 | E | 6.0E-05 | E | | | | | V | M | 5.76 | 1 | 1 | No | ~Benz[a]anthracene | 56-55-3 | 2.5E+01 | | 3.4E+00 | 3.0E+00 | | | | | |
| 1.2E+00 | C | 1.1E-04 | C | | | | | | | 6.11 | 1 | 0.9 | No | ~Benzo(j)fluoranthene | 205-82-3 | 6.5E+00 | | | 6.5E+00 | | | | | |
| 1.0E+00 | I | 6.0E-04 | I | 3.0E-04 | I | 2.0E-06 | I | | M | 6.13 | 1 | 1 | No | ~Benzo[a]pyrene | 50-32-8 | 2.5E+00 | | | 2.5E+00 | 1.8E+01 | | | 1.8E+01 | 2.0E-01 |
| 1.0E-01 | E | 6.0E-05 | E | | | | | | M | 5.78 | 1 | 1 | No | ~Benzo[b]fluoranthene | 205-99-2 | 2.5E+01 | | | 2.5E+01 | | | | | |
| 1.0E-02 | E | 6.0E-06 | E | | | | | | M | 6.11 | 1 | 0.9 | No | ~Benzo[k]fluoranthene | 207-08-9 | 2.5E+02 | | | 2.5E+02 | | | | | |
| | | | | 8.0E-02 | I | | | V | | 3.9 | 1 | 1 | Yes | ~Chloronaphthalene, Beta- | 91-58-7 | | | | | 4.8E+03 | 4.2E+03 | | 2.2E+03 | |
| 1.0E-03 | E | 6.0E-07 | E | | | | | | M | 5.81 | 1 | 1 | No | ~Chrysene | 218-01-9 | 2.5E+03 | | | 2.5E+03 | | | | | |
| 1.0E+00 | E | 6.0E-04 | E | | | | | | M | 6.75 | 1 | 0.6 | No | ~Dibenz[a,h]anthracene | 53-70-3 | 2.5E+00 | | | 2.5E+00 | | | | | |
| 1.2E+01 | C | 1.1E-03 | C | | | | | | | 7.71 | 1 | 0.3 | No | ~Dibenzo(a,e)pyrene | 192-65-4 | 6.5E-01 | | | 6.5E-01 | | | | | |
| 2.5E+02 | C | 7.1E-02 | C | | | | | | M | 5.8 | 1 | 0.9 | No | ~Dimethylbenz(a)anthracene, 7,12- | 57-97-6 | 1.0E-02 | | | 1.0E-02 | | | | | |
| | | | | 4.0E-02 | I | | | | | 5.16 | 1 | 1 | No | ~Fluoranthene | 206-44-0 | | | | | 2.4E+03 | | | 2.4E+03 | |
| | | | | 4.0E-02 | I | | | V | | 4.18 | 1 | 1 | Yes | ~Fluorene | 86-73-7 | | | | | 2.4E+03 | 1.4E+03 | | 8.8E+02 | |
| 1.0E-01 | E | 6.0E-05 | E | | | | | | M | 6.7 | 1 | 0.6 | No | ~Indeno[1,2,3-cd]pyrene | 193-39-5 | 2.5E+01 | | | 2.5E+01 | | | | | |
| 2.9E-02 | P | | | 7.0E-02 | A | | | V | | 3.87 | 1 | 1 | Yes | ~Methylnaphthalene, 1- | 90-12-0 | 2.7E+02 | 2.0E+02 | | 1.1E+02 | 4.2E+03 | 3.4E+03 | | 1.9E+03 | |
| | | | | 4.0E-03 | I | | | V | | 3.86 | 1 | 1 | Yes | ~Methylnaphthalene, 2- | 91-57-6 | | | | | 2.4E+02 | 2.0E+02 | | 1.1E+02 | |
| | | 3.4E-05 | C | 2.0E-02 | I | 3.0E-03 | I | V | | 3.3 | 1 | 1 | Yes | ~Naphthalene | 91-20-3 | | | 1.7E+01 | 1.7E+01 | 1.2E+03 | 2.1E+03 | 1.9E+01 | 1.8E+01 | |
| 1.2E+00 | C | 1.1E-04 | C | | | | | | | 4.75 | 1 | 0.9 | Yes | ~Nitropyrene, 4- | 57835-92-4 | 6.5E+00 | 2.7E+00 | | 1.9E+00 | | | | | |
| | | | | 3.0E-02 | I | | | V | | 4.88 | 1 | 1 | Yes | ~Pyrene | 129-00-0 | | | | | 1.8E+03 | 4.5E+02 | | 3.6E+02 | |
| | | | | 2.0E-02 | P | | | | | | 1 | 0 | Yes | Potassium Perfluorobutane Sulfonate | 29420-49-3 | | | | | 1.2E+03 | | | 1.2E+03 | |
| 1.5E-01 | I | | | 9.0E-03 | I | | | | | 4.1 | 1 | 0.9 | Yes | Prochloraz | 67747-09-5 | 5.2E+01 | 1.4E+02 | | 3.8E+01 | 5.4E+02 | 1.5E+03 | | 4.0E+02 | |
| | | | | 6.0E-03 | H | | | V | | 5.58 | 1 | 0.8 | Yes | Profluralin | 26399-36-0 | | | | | 3.6E+02 | 9.9E+01 | | 7.8E+01 | |

OFFICIAL HQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | muta-gen | LOGP | GIABS | FA | In EPD? | Analyte | CAS No. | Ingestion SL TR=1E-04 (ug/L) | Dermal SL TR=1E-04 (ug/L) | Inhalation SL TR=1E-04 (ug/L) | Carcinogenic SL TR=1E-04 (ug/L) | Ingestion SL Child THQ=3 (ug/L) | Dermal SL Child THQ=3 (ug/L) | Inhalation SL Child THQ=3 (ug/L) | Noncarcinogenic SL Child THI=3 (ug/L) | MCL (ug/L) |
| | | | | 1.5E-02 | I | | | | | 2.99 | 1 | 1 | Yes | Prometon | 1610-18-0 | | | | | 9.0E+02 | 4.8E+03 | | 7.6E+02 | |
| | | | | 4.0E-02 | O | | | | | 3.51 | 1 | 0.9 | Yes | Prometryn | 7287-19-6 | | | | | 2.4E+03 | 7.0E+03 | | 1.8E+03 | |
| | | | | 1.3E-02 | I | | | | | 2.18 | 1 | 1 | Yes | Propachlor | 1918-16-7 | | | | | 7.8E+02 | 1.3E+04 | | 7.4E+02 | |
| | | | | 5.0E-03 | I | | | | | 3.07 | 1 | 1 | Yes | Propanil | 709-98-8 | | | | | 3.0E+02 | 1.3E+03 | | 2.5E+02 | |
| 3.3E-02 | O | | | 4.0E-02 | O | | | | | 5 | 1 | 0.8 | Yes | Propargite | 2312-35-8 | 2.4E+02 | 1.5E+02 | | 9.2E+01 | 2.4E+03 | 1.6E+03 | | 9.8E+02 | |
| | | | | 2.0E-03 | I | | | V | | -0.38 | 1 | 1 | Yes | Propargyl Alcohol | 107-19-7 | | | | | 1.2E+02 | 3.6E+04 | | 1.2E+02 | |
| | | | | 2.0E-02 | I | | | | | 2.93 | 1 | 1 | Yes | Propazine | 139-40-2 | | | | | 1.2E+03 | 7.1E+03 | | 1.0E+03 | |
| | | | | 2.0E-02 | I | | | | | 2.6 | 1 | 1 | Yes | Propham | 122-42-9 | | | | | 1.2E+03 | 8.5E+03 | | 1.1E+03 | |
| | | | | 1.0E-01 | O | | | | | 3.72 | 1 | 0.9 | Yes | Propiconazole | 60207-90-1 | | | | | 6.0E+03 | 2.5E+04 | | 4.8E+03 | |
| | | | | | | 8.0E-03 | I | V | | 0.59 | 1 | 1 | Yes | Propionaldehyde | 123-38-6 | | | | | | | 5.0E+01 | 5.0E+01 | |
| | | | | 1.0E-01 | X | 1.0E+00 | X | V | | 3.69 | 1 | 1 | Yes | Propyl benzene | 103-65-1 | | | | | 6.0E+03 | 5.5E+03 | 6.3E+03 | 2.0E+03 | |
| | | | | | | 3.0E+00 | C | V | | 1.77 | 1 | 1 | Yes | Propylene | 115-07-1 | | | | | | | 1.9E+04 | 1.9E+04 | |
| | | | | 2.0E+01 | P | | | | | -0.92 | 1 | 1 | Yes | Propylene Glycol | 57-55-6 | | | | | 1.2E+06 | 9.6E+08 | | 1.2E+06 | |
| | | | | | | 2.7E-04 | A | | | 1.83 | 1 | 1 | Yes | Propylene Glycol Dinitrate | 6423-43-4 | | | | | | | | | |
| | | | | 7.0E-01 | H | 2.0E+00 | I | V | | -0.49 | 1 | 1 | Yes | Propylene Glycol Monomethyl Ether | 107-98-2 | | | | | 4.2E+04 | 1.2E+07 | 1.3E+04 | 9.6E+03 | |
| 2.4E-01 | I | 3.7E-06 | I | | | 3.0E-02 | I | V | | 0.03 | 1 | 1 | Yes | Propylene Oxide | 75-56-9 | 3.2E+01 | 4.7E+03 | 1.5E+02 | 2.7E+01 | | | 1.9E+02 | 1.9E+02 | |
| | | | | 7.5E-02 | I | | | | | 3.43 | 1 | 0.9 | Yes | Propyzamide | 23950-58-5 | | | | | 4.5E+03 | 1.6E+04 | | 3.5E+03 | |
| | | | | 1.0E-03 | I | | | V | | 0.65 | 1 | 1 | Yes | Pyridine | 110-86-1 | | | | | 6.0E+01 | 4.4E+03 | | 5.9E+01 | |
| | | | | 5.0E-04 | I | | | | | 4.44 | 1 | 0.9 | Yes | Quinalphos | 13593-03-8 | | | | | 3.0E+01 | 3.1E+01 | | 1.5E+01 | |
| 3.0E+00 | I | | | | | | | | | 2.03 | 1 | 1 | Yes | Quinoline | 91-22-5 | 2.6E+00 | 2.9E+01 | | 2.4E+00 | | | | | |
| | | | | 9.0E-03 | I | | | | | 4.28 | 1 | 0.9 | Yes | Quizalofop-ethyl | 76578-14-8 | | | | | 5.4E+02 | 1.1E+03 | | 3.7E+02 | |
| | | | | | | 3.0E-02 | A | | | | 1 | 0 | Yes | Refractory Ceramic Fibers | E715557 | | | | | | | | | |
| | | | | 3.0E-02 | I | | | | | 6.14 | 1 | 0.7 | Yes | Resmethrin | 10453-86-8 | | | | | 1.8E+03 | 2.3E+02 | | 2.0E+02 | |
| | | | | 5.0E-02 | H | | | V | | 4.88 | 1 | 0.8 | Yes | Ronnel | 299-84-3 | | | | | 3.0E+03 | 2.0E+03 | | 1.2E+03 | |
| | | | | 4.0E-03 | I | | | | | 4.1 | 1 | 0.9 | Yes | Rotenone | 83-79-4 | | | | | 2.4E+02 | 7.7E+02 | | 1.8E+02 | |
| 2.2E-01 | C | 6.3E-05 | C | | | | | | M | 3.45 | 1 | 1 | Yes | Safrole | 94-59-7 | 1.1E+01 | 6.0E+01 | | 9.6E+00 | | | | | |
| | | | | 5.0E-03 | I | | | | | | 1 | 1 | Yes | Selenious Acid | 7783-00-8 | | | | | 3.0E+02 | 6.8E+04 | | 3.0E+02 | |
| | | | | 5.0E-03 | I | 2.0E-02 | C | | | | 1 | 1 | Yes | Selenium | 7782-49-2 | | | | | 3.0E+02 | 6.8E+04 | | 3.0E+02 | 5.0E+01 |
| | | | | 5.0E-03 | C | 2.0E-02 | C | | | | 1 | 1 | Yes | Selenium Sulfide | 7446-34-6 | | | | | 3.0E+02 | 6.8E+04 | | 3.0E+02 | |
| | | | | 1.4E-01 | O | | | | | 4.38 | 1 | 0.9 | Yes | Sethoxydim | 74051-80-2 | | | | | 8.4E+03 | 1.1E+04 | | 4.8E+03 | |
| | | | | | | 3.0E-03 | C | | | | 1 | 1 | Yes | Silica (crystalline, respirable) | 7631-86-9 | | | | | | | | | |
| | | | | 5.0E-03 | I | | | | | | 0.04 | 1 | Yes | Silver | 7440-22-4 | | | | | 3.0E+02 | 4.6E+03 | | 2.8E+02 | |
| 1.2E-01 | H | | | 5.0E-03 | I | | | | | 2.18 | 1 | 1 | Yes | Simazine | 122-34-9 | 6.5E+01 | 9.3E+02 | | 6.1E+01 | 3.0E+02 | 4.7E+03 | | 2.8E+02 | 4.0E+00 |
| | | | | 1.3E-02 | I | | | | | 0.37 | 1 | 1 | Yes | Sodium Acifluorfen | 62476-59-9 | | | | | 7.8E+02 | 6.3E+05 | | 7.8E+02 | |
| | | | | 4.0E-03 | I | | | | | | 1 | 1 | Yes | Sodium Azide | 26628-22-8 | | | | | 2.4E+02 | 5.5E+04 | | 2.4E+02 | |
| 2.7E-01 | H | | | 3.0E-02 | I | | | | | -1.43 | 1 | 1 | Yes | Sodium Diethyldithiocarbamate | 148-18-5 | 2.9E+01 | 8.5E+04 | | 2.9E+01 | 1.8E+03 | 5.8E+06 | | 1.8E+03 | |
| | | | | 5.0E-02 | A | 1.3E-02 | C | | | | 1 | 1 | Yes | Sodium Fluoride | 7681-49-4 | | | | | 3.0E+03 | 6.8E+05 | | 3.0E+03 | |
| | | | | 2.0E-05 | I | | | | | -3.78 | 1 | 1 | No | Sodium Fluoroacetate | 62-74-8 | | | | | 1.2E+00 | | | 1.2E+00 | |
| | | | | 1.0E-03 | H | | | | | | 1 | 1 | Yes | Sodium Metavanadate | 13718-26-8 | | | | | 6.0E+01 | 1.4E+04 | | 6.0E+01 | |
| | | | | 8.0E-04 | P | | | | | | 1 | 1 | Yes | Sodium Tungstate | 13472-45-2 | | | | | 4.8E+01 | 1.1E+04 | | 4.8E+01 | |
| | | | | 8.0E-04 | P | | | | | | 1 | 1 | Yes | Sodium Tungstate Dihydrate | 10213-10-2 | | | | | 4.8E+01 | 1.1E+04 | | 4.8E+01 | |
| 2.4E-02 | H | | | 3.0E-02 | I | | | | | 3.53 | 1 | 0.9 | Yes | Stirofos (Tetrachlorovinphos) | 961-11-5 | 3.2E+02 | 1.9E+03 | | 2.8E+02 | 1.8E+03 | 1.1E+04 | | 1.6E+03 | |
| | | | | 6.0E-01 | I | | | | | | 1 | 1 | Yes | Strontium, Stable | 7440-24-6 | | | | | 3.6E+04 | 8.2E+06 | | 3.6E+04 | |
| | | | | 3.0E-04 | I | | | | | 1.93 | 1 | 1 | Yes | Strychnine | 57-24-9 | | | | | 1.8E+01 | 9.7E+02 | | 1.8E+01 | |
| | | | | 2.0E-01 | I | 1.0E+00 | I | V | | 2.95 | 1 | 1 | Yes | Styrene | 100-42-5 | | | | | 1.2E+04 | 3.1E+04 | 6.3E+03 | 3.6E+03 | 1.0E+02 |
| | | | | 3.0E-03 | P | | | | | 3.1 | 1 | 1 | Yes | Styrene-Acrylonitrile (SAN) Trimer | | | | | | 1.8E+02 | 7.3E+02 | | 1.4E+02 | |
| | | | | 1.0E-03 | P | 2.0E-03 | X | | | -0.77 | 1 | 1 | Yes | Sulfolane | 126-33-0 | | | | | 6.0E+01 | 5.1E+04 | | 6.0E+01 | |
| | | | | 8.0E-04 | P | | | | | 3.9 | 1 | 0.9 | Yes | Sulfonylbis(4-chlorobenzene), 1,1'- | 80-07-9 | | | | | 4.8E+01 | 1.0E+02 | | 3.3E+01 | |
| | | | | | | 1.0E-03 | C | V | | | 1 | 1 | Yes | Sulfur Trioxide | 7446-11-9 | | | | | | | 6.3E+00 | 6.3E+00 | |
| | | | | | | 1.0E-03 | C | | | | 1 | 1 | Yes | Sulfuric Acid | 7664-93-9 | | | | | | | | | |
| 2.5E-02 | I | 7.1E-06 | I | 5.0E-02 | H | | | | | 4.82 | 1 | 0.8 | Yes | Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester | 140-57-8 | 3.1E+02 | 2.3E+02 | | 1.3E+02 | 3.0E+03 | 2.5E+03 | | 1.4E+03 | |
| | | | | 3.0E-02 | H | | | | | 3.3 | 1 | 0.9 | Yes | TCMTB | 21564-17-0 | | | | | 1.8E+03 | 7.2E+03 | | 1.4E+03 | |
| | | | | 7.0E-02 | I | | | | | 1.79 | 1 | 1 | Yes | Tebuthiuron | 34014-18-1 | | | | | 4.2E+03 | 1.4E+05 | | 4.1E+03 | |
| | | | | 2.0E-02 | H | | | | | 5.96 | 1 | 0.7 | No | Temephos | 3383-96-8 | | | | | 1.2E+03 | | | 1.2E+03 | |
| | | | | 1.3E-02 | I | | | | | 1.89 | 1 | 1 | Yes | Terbacil | 5902-51-2 | | | | | 7.8E+02 | 2.1E+04 | | 7.5E+02 | |
| | | | | 2.5E-05 | H | | | V | | 4.48 | 1 | 0.9 | Yes | Terbufos | 13071-79-9 | | | | | 1.5E+00 | 1.4E+00 | | 7.1E-01 | |
| | | | | 1.0E-03 | I | | | | | 3.74 | 1 | 0.9 | Yes | Terbutryn | 886-50-0 | | | | | 6.0E+01 | 1.2E+02 | | 4.0E+01 | |
| | | | | 1.0E-04 | I | | | | | 6.77 | 1 | 0.6 | No | Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47) | 5436-43-1 | | | | | 6.0E+00 | | | 6.0E+00 | |
| | | | | 3.0E-04 | I | | | V | | 4.64 | 1 | 1 | Yes | Tetrachlorobenzene, 1,2,4,5- | 95-94-3 | | | | | 1.8E+01 | 7.1E+00 | | 5.1E+00 | |
| 2.6E-02 | I | 7.4E-06 | I | 3.0E-02 | I | | | V | | 2.93 | 1 | 1 | Yes | Tetrachloroethane, 1,1,1,2- | 630-20-6 | 3.0E+02 | 1.1E+03 | 7.6E+01 | 5.7E+01 | 1.8E+03 | 7.2E+03 | | 1.4E+03 | |
| 2.0E-01 | I | 5.8E-05 | C | 2.0E-02 | I | | | V | | 2.39 | 1 | 1 | Yes | Tetrachloroethane, 1,1,2,2- | 79-34-5 | 3.9E+01 | 3.3E+02 | 9.7E+00 | 7.6E+00 | 1.2E+03 | 1.1E+04 | | 1.1E+03 | |
| 2.1E-03 | I | 2.6E-07 | I | 6.0E-03 | I | 4.0E-02 | I | V | | 3.4 | 1 | 1 | Yes | Tetrachloroethylene | 127-18-4 | 3.7E+03 | 6.5E+03 | 2.2E+03 | 1.1E+03 | 3.6E+02 | 6.9E+02 | 2.5E+02 | 1.2E+02 | 5.0E+00 |
| | | | | 3.0E-02 | I | | | | | 4.45 | 1 | 0.9 | Yes | Tetrachlorophenol, 2,3,4,6- | 58-90-2 | | | | | 1.8E+03 | 1.2E+03 | | 7.1E+02 | |
| 2.0E+01 | H | | | | | | | V | | 4.54 | 1 | 0.9 | Yes | Tetrachlorotoluene, p- alpha, alpha, alpha- | 5216-25-1 | 3.9E-01 | 2.0E-01 | | 1.3E-01 | | | | | |
| | | | | 5.0E-04 | I | | | | | 3.99 | 1 | 0.9 | Yes | Tetraethyl Dithiopyrophosphate | 3689-24-5 | | | | | 3.0E+01 | 7.1E+01 | | 2.1E+01 | |
| | | | | | | 8.0E+01 | I | V | | 1.68 | 1 | 1 | Yes | Tetrafluoroethane, 1,1,1,2- | 811-97-2 | | | | | | | 5.0E+05 | 5.0E+05 | |

RML HQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | muta-gen | LOGP | GIABS | FA | In EPD? | Analyte | CAS No. | Ingestion SL TR=1E-04 (ug/L) | Dermal SL TR=1E-04 (ug/L) | Inhalation SL TR=1E-04 (ug/L) | Carcinogenic SL TR=1E-04 (ug/L) | Ingestion SL Child THQ=3 (ug/L) | Dermal SL Child THQ=3 (ug/L) | Inhalation SL Child THQ=3 (ug/L) | Noncarcinogenic SL Child THI=3 (ug/L) | MCL (ug/L) |
| | | | | 2.0E-03 | P | | | | | 1.64 | 1 | 1 | Yes | Tetryl (Trinitrophenylmethylnitramine) | 479-45-8 | | | | | 1.2E+02 | 7.4E+03 | | 1.2E+02 | |
| | | | | 2.0E-05 | S | | | | | | 1 | 0.9 | Yes | Thallic Oxide | 1314-32-5 | | | | | 1.2E+00 | 2.7E+02 | | 1.2E+00 | |
| | | | | 1.0E-05 | X | | | | | | 1 | 1 | Yes | Thallium (I) Nitrate | 10102-45-1 | | | | | 6.0E-01 | 1.4E+02 | | 6.0E-01 | |
| | | | | 1.0E-05 | X | | | | | | 1 | 1 | Yes | Thallium (Soluble Salts) | 7440-28-0 | | | | | 6.0E-01 | 1.4E+02 | | 6.0E-01 | 2.0E+00 |
| | | | | 1.0E-05 | X | | | V | | -0.17 | 1 | 1 | Yes | Thallium Acetate | 563-68-8 | | | | | 6.0E-01 | 5.1E+02 | | 6.0E-01 | |
| | | | | 2.0E-05 | X | | | V | | -0.86 | 1 | 1 | Yes | Thallium Carbonate | 6533-73-9 | | | | | 1.2E+00 | 2.8E+05 | | 1.2E+00 | |
| | | | | 1.0E-05 | X | | | | | | 1 | 1 | Yes | Thallium Chloride | 7791-12-0 | | | | | 6.0E-01 | 1.4E+02 | | 6.0E-01 | |
| | | | | 1.0E-05 | S | | | | | | 1 | 1 | Yes | Thallium Selenite | 12039-52-0 | | | | | 6.0E-01 | 1.4E+02 | | 6.0E-01 | |
| | | | | 2.0E-05 | X | | | | | | 1 | 0.9 | Yes | Thallium Sulfate | 7446-18-6 | | | | | 1.2E+00 | 2.7E+02 | | 1.2E+00 | |
| | | | | 4.3E-02 | O | | | | | 1.56 | 1 | 1 | Yes | Thifensulfuron-methyl | 79277-27-3 | | | | | 2.6E+03 | 3.5E+05 | | 2.6E+03 | |
| | | | | 1.0E-02 | I | | | | | 3.4 | 1 | 0.9 | Yes | Thiobencarb | 28249-77-6 | | | | | 6.0E+02 | 2.3E+03 | | 4.8E+02 | |
| | | | | 7.0E-02 | X | | | | | -0.63 | 1 | 1 | Yes | Thiodiglycol | 111-48-8 | | | | | 4.2E+03 | 2.9E+06 | | 4.2E+03 | |
| | | | | 3.0E-04 | H | | | | | 2.16 | 1 | 1 | Yes | Thiofanox | 39196-18-4 | | | | | 1.8E+01 | 1.3E+02 | | 1.6E+01 | |
| 1.2E-02 | O | | | 2.7E-02 | O | | | | | 1.4 | 1 | 1 | Yes | Thiophanate, Methyl | 23564-05-8 | 6.7E+02 | 7.9E+04 | | 6.7E+02 | 1.6E+03 | 2.1E+05 | | 1.6E+03 | |
| | | | | 1.5E-02 | O | | | | | 1.73 | 1 | 1 | Yes | Thiram | 137-26-8 | | | | | 9.0E+02 | 3.6E+04 | | 8.8E+02 | |
| | | | | 6.0E-01 | H | | | | | | 1 | 1 | Yes | Tin | 7440-31-5 | | | | | 3.6E+04 | 8.2E+06 | | 3.6E+04 | |
| | | | | | | 1.0E-04 | A | V | | | 1 | 1 | Yes | Titanium Tetrachloride | 7550-45-0 | | | | | | | 6.3E-01 | 6.3E-01 | |
| | | | | 8.0E-02 | I | 5.0E+00 | I | V | | 2.73 | 1 | 1 | Yes | Toluene | 108-88-3 | | | | | 4.8E+03 | 1.6E+04 | 3.1E+04 | 3.3E+03 | 1.0E+03 |
| | | 1.1E-05 | C | | | 8.0E-06 | C | V | | 3.74 | 1 | 1 | Yes | Toluene-2,4-diisocyanate | 584-84-9 | | | 5.1E+01 | 5.1E+01 | | | 5.0E-02 | 5.0E-02 | |
| 1.8E-01 | X | | | 2.0E-04 | X | | | | | 0.16 | 1 | 1 | Yes | Toluene-2,5-diamine | 95-70-5 | 4.3E+01 | 8.2E+03 | | 4.3E+01 | 1.2E+01 | 2.5E+03 | | 1.2E+01 | |
| | | 1.1E-05 | C | | | 8.0E-06 | C | V | | 3.74 | 1 | 1 | Yes | Toluene-2,6-diisocyanate | 91-08-7 | | | 5.1E+01 | 5.1E+01 | | | 5.0E-02 | 5.0E-02 | |
| | | | | 5.0E-03 | P | | | | | 2.27 | 1 | 1 | Yes | Toluic Acid, p- | 99-94-5 | | | | | 3.0E+02 | 2.7E+03 | | 2.7E+02 | |
| 1.6E-02 | P | 5.1E-05 | C | | | | | | | 1.32 | 1 | 1 | Yes | Toluidine, o- (Methylaniline, 2-) | 95-53-4 | 4.9E+02 | 1.4E+04 | | 4.7E+02 | | | | | |
| 3.0E-02 | P | | | 4.0E-03 | X | | | | | 1.39 | 1 | 1 | Yes | Toluidine, p- | 106-49-0 | 2.6E+02 | 6.8E+03 | | 2.5E+02 | 2.4E+02 | 6.8E+03 | | 2.3E+02 | |
| | | | | 3.0E+00 | P | | | V | | 6.1 | 1 | 1 | No | Total Petroleum Hydrocarbons (Aliphatic High) | E1790670 | | | | | 1.8E+05 | | | 1.8E+05 | |
| | | | | | | 6.0E-01 | P | V | | 3.9 | 1 | 1 | Yes | Total Petroleum Hydrocarbons (Aliphatic Low) | E1790666 | | | | | | | 3.8E+03 | 3.8E+03 | |
| | | | | 1.0E-02 | X | 1.0E-01 | P | V | | 5.65 | 1 | 1 | No | Total Petroleum Hydrocarbons (Aliphatic Medium) | E1790668 | | | | | 6.0E+02 | | 6.3E+02 | 3.1E+02 | |
| | | | | 4.0E-02 | P | | | | | 5.16 | 1 | 1 | No | Total Petroleum Hydrocarbons (Aromatic High) | E1790676 | | | | | 2.4E+03 | | | 2.4E+03 | |
| | | | | 4.0E-03 | P | 3.0E-02 | P | V | | 2.13 | 1 | 1 | Yes | Total Petroleum Hydrocarbons (Aromatic Low) | E1790672 | | | | | 2.4E+02 | 1.8E+03 | 1.9E+02 | 1.0E+02 | |
| | | | | 4.0E-03 | P | 3.0E-03 | P | V | | 3.58 | 1 | 1 | Yes | Total Petroleum Hydrocarbons (Aromatic Medium) | E1790674 | | | | | 2.4E+02 | 2.7E+02 | 1.9E+01 | 1.6E+01 | |
| 1.1E+00 | I | 3.2E-04 | I | | | | | | | 5.9 | 1 | 0.8 | No | Toxaphene | 8001-35-2 | 7.1E+00 | | | 7.1E+00 | | | | | 3.0E+00 |
| | | | | 7.5E-03 | I | | | | | 7.56 | 1 | 0.5 | No | Tralomethrin | 66841-25-6 | | | | | 4.5E+02 | | | 4.5E+02 | |
| | | | | 3.0E-04 | A | | | V | | 4.1 | 1 | 0.9 | Yes | Tri-n-butyltin | 688-73-3 | | | | | 1.8E+01 | 3.0E+01 | | 1.1E+01 | |
| | | | | 8.0E+01 | X | | | | | 0.25 | 1 | 1 | Yes | Triacetin | 102-76-1 | | | | | 4.8E+06 | 1.6E+09 | | 4.8E+06 | |
| | | | | 3.4E-02 | O | | | | | 2.77 | 1 | 1 | Yes | Triadimefon | 43121-43-3 | | | | | 2.0E+03 | 2.3E+04 | | 1.9E+03 | |
| 7.2E-02 | O | | | 2.5E-02 | O | | | V | | 4.6 | 1 | 0.9 | Yes | Triallate | 2303-17-5 | 1.1E+02 | 8.3E+01 | | 4.7E+01 | 1.5E+03 | 1.2E+03 | | 6.8E+02 | |
| | | | | 1.0E-02 | I | | | | | 1.1 | 1 | 1 | Yes | Triasulfuron | 82097-50-5 | | | | | 6.0E+02 | 1.8E+05 | | 6.0E+02 | |
| | | | | 8.0E-03 | I | | | | | 0.78 | 1 | 1 | Yes | Tribenuron-methyl | 101200-48-0 | | | | | 4.8E+02 | 1.5E+04 | | 4.7E+02 | |
| | | | | 5.0E-03 | I | | | V | | 4.66 | 1 | 0.9 | Yes | Tribromobenzene, 1,2,4- | 615-54-3 | | | | | 3.0E+02 | 2.4E+02 | | 1.3E+02 | |
| | | | | 9.0E-03 | X | | | | | 4.13 | 1 | 0.9 | Yes | Tribromophenol, 2,4,6- | 118-79-6 | | | | | 5.4E+02 | 1.1E+03 | | 3.6E+02 | |
| 9.0E-03 | P | | | 1.0E-02 | P | | | | | 4 | 1 | 0.9 | Yes | Tributyl Phosphate | 126-73-8 | 8.7E+02 | 1.3E+03 | | 5.2E+02 | 6.0E+02 | 9.8E+02 | | 3.7E+02 | |
| | | | | 3.0E-04 | P | | | | | | 1 | 0 | No | Tributyltin Compounds | E1790678 | | | | | 1.8E+01 | | | 1.8E+01 | |
| | | | | 3.0E-04 | I | | | | | 4.05 | 1 | 1 | Yes | Tributyltin Oxide | 56-35-9 | | | | | 1.8E+01 | 2.9E+02 | | 1.7E+01 | |
| | | | | 3.0E+01 | I | 5.0E+00 | P | V | | 3.16 | 1 | 1 | Yes | Trichloro-1,2,2-trifluoroethane, 1,1,2- | 76-13-1 | | | | | 1.8E+06 | 5.7E+06 | 3.1E+04 | 3.1E+04 | |
| 7.0E-02 | I | | | 2.0E-02 | I | | | | | 1.33 | 1 | 1 | Yes | Trichloroacetic Acid | 76-03-9 | 1.1E+02 | 4.6E+03 | | 1.1E+02 | 1.2E+03 | 5.4E+04 | | 1.2E+03 | 6.0E+01 |
| 2.9E-02 | H | | | | | | | | | -0.67 | 1 | 1 | Yes | Trichloroaniline HCl, 2,4,6- | 33663-50-2 | 2.7E+02 | 3.7E+05 | | 2.7E+02 | | | | | |
| 7.0E-03 | X | | | 3.0E-05 | X | | | | | 3.52 | 1 | 1 | Yes | Trichloroaniline, 2,4,6- | 634-93-5 | 1.1E+03 | 2.0E+03 | | 7.1E+02 | 1.8E+00 | 3.5E+00 | | 1.2E+00 | |
| | | | | 8.0E-04 | X | | | V | | 4.05 | 1 | 1 | Yes | Trichlorobenzene, 1,2,3- | 87-61-6 | | | | | 4.8E+01 | 3.8E+01 | | 2.1E+01 | |
| 2.9E-02 | P | | | 1.0E-02 | I | 2.0E-03 | P | V | | 4.02 | 1 | 1 | Yes | Trichlorobenzene, 1,2,4- | 120-82-1 | 2.7E+02 | 2.0E+02 | | 1.2E+02 | 6.0E+02 | 4.9E+02 | 1.3E+01 | 1.2E+01 | 7.0E+01 |
| | | | | 2.0E+00 | I | 5.0E+00 | I | V | | 2.49 | 1 | 1 | Yes | Trichloroethane, 1,1,1- | 71-55-6 | | | | | 1.2E+05 | 7.5E+05 | 3.1E+04 | 2.4E+04 | 2.0E+02 |
| 5.7E-02 | I | 1.6E-05 | I | 4.0E-03 | I | 2.0E-04 | X | V | | 1.89 | 1 | 1 | Yes | Trichloroethane, 1,1,2- | 79-00-5 | 1.4E+02 | 2.0E+03 | 3.5E+01 | 2.8E+01 | 2.4E+02 | 3.8E+03 | 1.3E+00 | 1.2E+00 | 5.0E+00 |
| 4.6E-02 | I | 4.1E-06 | I | 5.0E-04 | I | 2.0E-03 | I | V | M | 2.42 | 1 | 1 | Yes | Trichloroethylene | 79-01-6 | 1.2E+02 | 7.4E+02 | 9.6E+01 | 4.9E+01 | 3.0E+01 | 2.1E+02 | 1.3E+01 | 8.5E+00 | 5.0E+00 |
| | | | | 3.0E-01 | I | | | V | | 2.53 | 1 | 1 | Yes | Trichlorofluoromethane | 75-69-4 | | | | | 1.8E+04 | 1.1E+05 | | 1.5E+04 | |
| | | | | 1.0E-01 | I | | | | | 3.72 | 1 | 1 | Yes | Trichlorophenol, 2,4,5- | 95-95-4 | | | | | 6.0E+03 | 8.7E+03 | | 3.5E+03 | |
| 1.1E-02 | I | 3.1E-06 | I | 1.0E-03 | P | | | | | 3.69 | 1 | 1 | Yes | Trichlorophenol, 2,4,6- | 88-06-2 | 7.1E+02 | 9.8E+02 | | 4.1E+02 | 6.0E+01 | 9.1E+01 | | 3.6E+01 | |
| | | | | 1.0E-02 | I | | | | | 3.31 | 1 | 0.9 | Yes | Trichlorophenoxyacetic Acid, 2,4,5- | 93-76-5 | | | | | 6.0E+02 | 2.6E+03 | | 4.9E+02 | |
| | | | | 8.0E-03 | I | | | | | 3.8 | 1 | 0.9 | Yes | Trichlorophenoxypropionic acid, -2,4,5 | 93-72-1 | | | | | 4.8E+02 | 1.1E+03 | | 3.3E+02 | 5.0E+01 |
| | | | | 5.0E-03 | I | | | V | | 2.43 | 1 | 1 | Yes | Trichloropropane, 1,1,2- | 598-77-6 | | | | | 3.0E+02 | 2.3E+03 | | 2.7E+02 | |
| 3.0E+01 | I | | | 4.0E-03 | I | 3.0E-04 | I | V | M | 2.27 | 1 | 1 | Yes | Trichloropropane, 1,2,3- | 96-18-4 | 8.4E-02 | 7.3E-01 | | 7.5E-02 | 2.4E+02 | 2.3E+03 | 1.9E+00 | 1.9E+00 | |
| | | | | 3.0E-03 | X | 3.0E-04 | P | V | | 2.78 | 1 | 1 | Yes | Trichloropropene, 1,2,3- | 96-19-5 | | | | | 1.8E+02 | 7.8E+02 | 1.9E+00 | 1.9E+00 | |
| | | | | 2.0E-02 | A | | | | | 5.11 | 1 | 0.8 | Yes | Tricresyl Phosphate (TCP) | 1330-78-5 | | | | | 1.2E+03 | 7.8E+02 | | 4.7E+02 | |
| | | | | 3.0E-03 | I | | | | | 5.18 | 1 | 0.8 | Yes | Tridiphane | 58138-08-2 | | | | | 1.8E+02 | 7.7E+01 | | 5.4E+01 | |
| | | | | | | 7.0E-03 | I | V | | 1.45 | 1 | 1 | Yes | Triethylamine | 121-44-8 | | | | | | | 4.4E+01 | 4.4E+01 | |
| | | | | 2.0E+00 | P | | | | | -1.75 | 1 | 1 | Yes | Triethylene Glycol | 112-27-6 | | | | | 1.2E+05 | 5.5E+08 | | 1.2E+05 | |
| | | | | | | 2.0E+01 | P | V | | 1.74 | 1 | 1 | Yes | Trifluoroethane, 1,1,1- | 420-46-2 | | | | | | | 1.3E+05 | 1.3E+05 | |
| 7.7E-03 | I | | | 7.5E-03 | I | | | V | | 5.34 | 1 | 0.8 | Yes | Trifluralin | 1582-09-8 | 1.0E+03 | 3.4E+02 | | 2.6E+02 | 4.5E+02 | 1.7E+02 | | 1.2E+02 | |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-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 | muta-gen | LOGP | GIABS | FA | In EPD? | Analyte | CAS No. | Ingestion SL TR=1E-04 (ug/L) | Dermal SL TR=1E-04 (ug/L) | Inhalation SL TR=1E-04 (ug/L) | Carcinogenic SL TR=1E-04 (ug/L) | Ingestion SL Child THQ=3 (ug/L) | Dermal SL Child THQ=3 (ug/L) | Inhalation SL Child THQ=3 (ug/L) | Noncarcinogenic SL Child THI=3 (ug/L) | MCL (ug/L) |
| 2.0E-02 | P | | | 1.0E-02 | P | | | | | -0.65 | 1 | 1 | Yes | Trimethyl Phosphate | 512-56-1 | 3.9E+02 | 2.8E+05 | | 3.9E+02 | 6.0E+02 | 4.8E+05 | | 6.0E+02 | |
| | | | | 1.0E-02 | I | 6.0E-02 | I | V | | 3.66 | 1 | 1 | Yes | Trimethylbenzene, 1,2,3- | 526-73-8 | | | | | 6.0E+02 | 5.7E+02 | 3.8E+02 | 1.6E+02 | |
| | | | | 1.0E-02 | I | 6.0E-02 | I | V | | 3.63 | 1 | 1 | Yes | Trimethylbenzene, 1,2,4- | 95-63-6 | | | | | 6.0E+02 | 6.0E+02 | 3.8E+02 | 1.7E+02 | |
| | | | | 1.0E-02 | I | 6.0E-02 | I | V | | 3.42 | 1 | 1 | Yes | Trimethylbenzene, 1,3,5- | 108-67-8 | | | | | 6.0E+02 | 8.3E+02 | 3.8E+02 | 1.8E+02 | |
| | | | | 1.0E-02 | X | | | V | | 4.08 | 1 | 1 | Yes | Trimethylpentene, 2,4,4- | 25167-70-8 | | | | | 6.0E+02 | 2.9E+02 | | 1.9E+02 | |
| | | | | 3.0E-02 | I | | | | | 1.18 | 1 | 1 | Yes | Trinitrobenzene, 1,3,5- | 99-35-4 | | | | | 1.8E+03 | 1.4E+05 | | 1.8E+03 | |
| 3.0E-02 | I | | | 5.0E-04 | I | | | | | 1.6 | 1 | 1 | Yes | Trinitrotoluene, 2,4,6- | 118-96-7 | 2.6E+02 | 1.1E+04 | | 2.5E+02 | 3.0E+01 | 1.3E+03 | | 2.9E+01 | |
| | | | | 2.0E-02 | P | | | | | 2.83 | 1 | 1 | Yes | Triphenylphosphine Oxide | 791-28-6 | | | | | 1.2E+03 | 1.1E+04 | | 1.1E+03 | |
| | | | | 2.0E-02 | A | | | | | 3.65 | 1 | 0.9 | Yes | Tris(1,3-Dichloro-2-propyl) Phosphate | 13674-87-8 | | | | | 1.2E+03 | 9.7E+03 | | 1.1E+03 | |
| | | | | 1.0E-02 | X | | | | | 2.59 | 1 | 1 | Yes | Tris(1-chloro-2-propyl)phosphate | 13674-84-5 | | | | | 6.0E+02 | 1.1E+04 | | 5.7E+02 | |
| 2.3E+00 | C | 6.6E-04 | C | | | | | V | | 4.29 | 1 | 1 | No | Tris(2,3-dibromopropyl)phosphate | 126-72-7 | 3.4E+00 | | 8.5E-01 | 6.8E-01 | | | | | |
| 2.0E-02 | P | | | 7.0E-03 | P | | | | | 1.44 | 1 | 1 | Yes | Tris(2-chloroethyl)phosphate | 115-96-8 | 3.9E+02 | 3.0E+04 | | 3.8E+02 | 4.2E+02 | 3.5E+04 | | 4.2E+02 | |
| 3.2E-03 | P | | | 1.0E-01 | P | | | | | 9.49 | 1 | 0 | No | Tris(2-ethylhexyl)phosphate | 78-42-2 | 2.4E+03 | | | 2.4E+03 | 6.0E+03 | | | 6.0E+03 | |
| | | | | 8.0E-04 | P | | | | | | 1 | 1 | Yes | Tungsten | 7440-33-7 | | | | | 4.8E+01 | 1.1E+04 | | 4.8E+01 | |
| | | | | 2.0E-04 | A | 4.0E-05 | A | | | | 1 | 1 | Yes | Uranium (Soluble Salts) | E715565 | | | | | 1.2E+01 | 2.7E+03 | | 1.2E+01 | 3.0E+01 |
| 1.0E+00 | C | 2.9E-04 | C | | | | | | M | -0.15 | 1 | 1 | Yes | Urethane | 51-79-6 | 2.5E+00 | 6.1E+02 | | 2.5E+00 | | | | | |
| | | 8.3E-03 | P | 9.0E-03 | I | 7.0E-06 | P | | | | 0.026 | 1 | Yes | Vanadium Pentoxide | 1314-62-1 | | | | | 5.4E+02 | 3.2E+03 | | 4.6E+02 | |
| | | | | 5.0E-03 | S | 1.0E-04 | A | | | | 0.026 | 1 | Yes | Vanadium and Compounds | 7440-62-2 | | | | | 3.0E+02 | 1.8E+03 | | 2.6E+02 | |
| | | | | 1.0E-03 | I | | | V | | 3.84 | 1 | 1 | Yes | Vernolate | 1929-77-7 | | | | | 6.0E+01 | 7.5E+01 | | 3.3E+01 | |
| | | | | 1.2E-03 | O | | | | | 3.1 | 1 | 0.9 | Yes | Vinclozolin | 50471-44-8 | | | | | 7.2E+01 | 5.3E+02 | | 6.4E+01 | |
| | | | | 1.0E+00 | H | 2.0E-01 | I | V | | 0.73 | 1 | 1 | Yes | Vinyl Acetate | 108-05-4 | | | | | 6.0E+04 | 4.1E+06 | 1.3E+03 | 1.2E+03 | |
| | | 3.2E-05 | H | | | 3.0E-03 | I | V | | 1.57 | 1 | 1 | Yes | Vinyl Bromide | 593-60-2 | | | 1.8E+01 | 1.8E+01 | | | 1.9E+01 | 1.9E+01 | |
| 7.2E-01 | I | 4.4E-06 | I | 3.0E-03 | I | 1.0E-01 | I | V | M | 1.38 | 1 | 1 | Yes | Vinyl Chloride | 75-01-4 | 2.1E+00 | 2.8E+01 | 3.4E+01 | 1.9E+00 | 1.8E+02 | 2.7E+03 | 6.3E+02 | 1.3E+02 | 2.0E+00 |
| | | | | 3.0E-04 | I | | | | | 2.7 | 1 | 1 | Yes | Warfarin | 81-81-2 | | | | | 1.8E+01 | 2.5E+02 | | 1.7E+01 | |
| | | | | 2.0E-01 | S | 1.0E-01 | S | V | | 3.15 | 1 | 1 | Yes | Xylene, P- | 106-42-3 | | | | | 1.2E+04 | 2.3E+04 | 6.3E+02 | 5.8E+02 | |
| | | | | 2.0E-01 | S | 1.0E-01 | S | V | | 3.2 | 1 | 1 | Yes | Xylene, m- | 108-38-3 | | | | | 1.2E+04 | 2.1E+04 | 6.3E+02 | 5.8E+02 | |
| | | | | 2.0E-01 | S | 1.0E-01 | S | V | | 3.12 | 1 | 1 | Yes | Xylene, o- | 95-47-6 | | | | | 1.2E+04 | 2.4E+04 | 6.3E+02 | 5.8E+02 | |
| | | | | 2.0E-01 | I | 1.0E-01 | I | V | | 3.16 | 1 | 1 | Yes | Xylenes | 1330-20-7 | | | | | 1.2E+04 | 2.3E+04 | 6.3E+02 | 5.8E+02 | 1.0E+04 |
| | | | | 3.0E-04 | I | | | | | | 1 | 1 | Yes | Zinc Phosphide | 1314-84-7 | | | | | 1.8E+01 | 6.8E+03 | | 1.8E+01 | |
| | | | | 3.0E-01 | I | | | | | | 1 | 1 | Yes | Zinc and Compounds | 7440-66-6 | | | | | 1.8E+04 | 6.8E+06 | | 1.8E+04 | |
| | | | | 5.0E-02 | I | | | | | 1.3 | 1 | 1 | Yes | Zineb | 12122-67-7 | | | | | 3.0E+03 | 2.9E+05 | | 3.0E+03 | |
| | | | | 8.0E-05 | X | | | | | | 1 | 1 | Yes | Zirconium | 7440-67-7 | | | | | 4.8E+00 | 1.1E+03 | | 4.8E+00 | |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer 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 | volatile | mutagen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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 THQ=3 (mg/kg) | Dermal SL THQ=3 (mg/kg) | Inhalation SL THQ=3 (mg/kg) | Noncarcinogenic SL THI=3 (mg/kg) |
| | | | | 1.2E-03 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Acephate | 30560-19-1 | | | | | 4.2E+03 | 9.9E+03 | | 3.0E+03 |
| | | 2.2E-06 | I | | | 9.0E-03 | I | V | | 1.1E+05 | 1.4E+09 | 8.7E+03 | 1 | | Acetaldehyde | 75-07-0 | | | 4.9E+03 | 4.9E+03 | | | 1.0E+03 | 1.0E+03 |
| | | | | 2.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Acetochlor | 34256-82-1 | | | | | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| | | | | 9.0E-01 | I | 3.1E+01 | A | V | | 1.1E+05 | 1.4E+09 | 1.4E+04 | 1 | | Acetone | 67-64-1 | | | | | 3.2E+06 | | 5.5E+06 | 2.0E+06 |
| | | | | | | 2.0E-03 | X | | | | 1.4E+09 | | 1 | 0.1 | Acetone Cyanohydrin | 75-86-5 | | | | | | | 3.6E+07 | 3.6E+07 |
| | | | | | | 6.0E-02 | I | V | | 1.3E+05 | 1.4E+09 | 1.3E+04 | 1 | | Acetonitrile | 75-05-8 | | | | | | | 1.0E+04 | 1.0E+04 |
| | | | | 1.0E-01 | I | | | V | | 2.5E+03 | 1.4E+09 | 6.0E+04 | 1 | | Acetophenone | 98-86-2 | | | | | 3.5E+05 | | | 3.5E+05 |
| 3.8E+00 | C | 1.3E-03 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Acetylaminofluorene, 2- | 53-96-3 | 8.6E+01 | 2.0E+02 | 1.3E+06 | 6.0E+01 | | | | |
| | | | | 5.0E-04 | I | 2.0E-05 | I | V | | 2.3E+04 | 1.4E+09 | 6.9E+03 | 1 | | Acrolein | 107-02-8 | | | | | 1.8E+03 | | 1.8E+00 | 1.8E+00 |
| 5.0E-01 | I | 1.0E-04 | I | 2.0E-03 | I | 6.0E-03 | I | | M | | 1.4E+09 | | 1 | 0.1 | Acrylamide | 79-06-1 | 6.5E+02 | 1.5E+03 | 1.7E+07 | 4.6E+02 | 7.0E+03 | 1.7E+04 | 1.1E+08 | 4.9E+03 |
| | | | | 5.0E-01 | I | 1.0E-03 | I | V | | 1.1E+05 | 1.4E+09 | 9.5E+04 | 1 | | Acrylic Acid | 79-10-7 | | | | | 1.8E+06 | | 1.3E+03 | 1.3E+03 |
| 5.4E-01 | I | 6.8E-05 | I | 4.0E-02 | A | 2.0E-03 | I | V | | 1.1E+04 | 1.4E+09 | 7.7E+03 | 1 | | Acrylonitrile | 107-13-1 | 6.1E+02 | | 1.4E+02 | 1.1E+02 | 1.4E+05 | | 2.0E+02 | 2.0E+02 |
| | | | | | | 6.0E-03 | P | | | | 1.4E+09 | | 1 | 0.1 | Adiponitrile | 111-69-3 | | | | | | | 1.1E+08 | 1.1E+08 |
| 5.6E-02 | C | | | 1.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Alachlor | 15972-60-8 | 5.8E+03 | 1.4E+04 | | 4.1E+03 | 3.5E+04 | 8.3E+04 | | 2.5E+04 |
| | | | | 1.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Aldicarb | 116-06-3 | | | | | 3.5E+03 | 8.3E+03 | | 2.5E+03 |
| | | | | 1.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Aldicarb Sulfone | 1646-88-4 | | | | | 3.5E+03 | 8.3E+03 | | 2.5E+03 |
| | | | | | | | | | | | 1.4E+09 | | 1 | 0.1 | Aldicarb sulfoxide | 1646-87-3 | | | | | | | | |
| 1.7E+01 | I | 4.9E-03 | I | 3.0E-05 | I | | | V | | | 1.4E+09 | 1.7E+06 | 1 | | Aldrin | 309-00-2 | 1.9E+01 | | 4.3E+02 | 1.8E+01 | 1.1E+02 | | | 1.1E+02 |
| | | | | 5.0E-03 | I | 1.0E-04 | X | V | | 1.1E+05 | 1.4E+09 | 3.4E+04 | 1 | | Allyl Alcohol | 107-18-6 | | | | | 1.8E+04 | | 4.5E+01 | 4.5E+01 |
| 2.1E-02 | C | 6.0E-06 | C | | | 1.0E-03 | I | V | | 1.4E+03 | 1.4E+09 | 1.6E+03 | 1 | | Allyl Chloride | 107-05-1 | 1.6E+04 | | 3.2E+02 | 3.2E+02 | | | 2.1E+01 | 2.1E+01 |
| | | | | 1.0E+00 | P | 5.0E-03 | P | | | | 1.4E+09 | | 1 | | Aluminum | 7429-90-5 | | | | | 3.5E+06 | | 8.9E+07 | 3.4E+06 |
| | | | | 4.0E-04 | I | | | | | | 1.4E+09 | | 1 | | Aluminum Phosphide | 20859-73-8 | | | | | 1.4E+03 | | | 1.4E+03 |
| | | | | 9.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Ametryn | 834-12-8 | | | | | 3.2E+04 | 7.5E+04 | | 2.2E+04 |
| 2.1E+01 | C | 6.0E-03 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Aminobiphenyl, 4- | 92-67-1 | 1.6E+01 | 3.7E+01 | 2.8E+05 | 1.1E+01 | | | | |
| | | | | 8.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Aminophenol, m- | 591-27-5 | | | | | 2.8E+05 | 6.6E+05 | | 2.0E+05 |
| | | | | 4.0E-03 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Aminophenol, o- | 95-55-6 | | | | | 1.4E+04 | 3.3E+04 | | 9.8E+03 |
| | | | | 2.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Aminophenol, p- | 123-30-8 | | | | | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| | | | | 2.5E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Amitraz | 33089-61-1 | | | | | 8.8E+03 | 2.1E+04 | | 6.2E+03 |
| | | | | | | 5.0E-01 | I | V | | | | | 1 | | Ammonia | 7664-41-7 | | | | | | | | |
| | | | | 2.0E-01 | I | | | | | | 1.4E+09 | | 1 | | Ammonium Sulfamate | 7773-06-0 | | | | | 7.0E+05 | | | 7.0E+05 |
| | | | | | | 3.0E-03 | X | V | | 1.4E+04 | 1.4E+09 | 2.6E+04 | 1 | | Amyl Alcohol, tert- | 75-85-4 | | | | | | | 1.0E+03 | 1.0E+03 |
| 5.7E-03 | I | 1.6E-06 | C | 7.0E-03 | P | 1.0E-03 | I | | | | 1.4E+09 | | 1 | 0.1 | Aniline | 62-53-3 | 5.7E+04 | 1.4E+05 | 1.0E+09 | 4.0E+04 | 2.5E+04 | 5.8E+04 | 1.8E+07 | 1.7E+04 |
| 4.0E-02 | P | | | 2.0E-03 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Anthraquinone, 9,10- | 84-65-1 | 8.2E+03 | 1.9E+04 | | 5.7E+03 | 7.0E+03 | 1.7E+04 | | 4.9E+03 |
| | | | | 4.0E-04 | I | | | | | | 1.4E+09 | | 0.15 | | Antimony (metallic) | 7440-36-0 | | | | | 1.4E+03 | | | 1.4E+03 |
| | | | | 5.0E-04 | H | | | | | | 1.4E+09 | | 0.15 | | Antimony Pentoxide | 1314-60-9 | | | | | 1.8E+03 | | | 1.8E+03 |
| | | | | 4.0E-04 | H | | | | | | 1.4E+09 | | 0.15 | | Antimony Tetroxide | 1332-81-6 | | | | | 1.4E+03 | | | 1.4E+03 |
| | | | | | | 2.0E-04 | I | | | | 1.4E+09 | | 0.15 | | Antimony Trioxide | 1309-64-4 | | | | | | | 3.6E+06 | 3.6E+06 |
| 1.5E+00 | I | 4.3E-03 | I | 3.0E-04 | I | 1.5E-05 | C | | | | 1.4E+09 | | 1 | 0.03 | Arsenic, Inorganic | 7440-38-2 | 3.6E+02 | 1.7E+03 | 3.9E+05 | 3.0E+02 | 1.8E+03 | 8.3E+03 | 2.7E+05 | 1.4E+03 |
| | | | | 3.5E-06 | C | 5.0E-05 | I | | | | 1.4E+09 | | 1 | | Arsine | 7784-42-1 | | | | | 1.2E+01 | | 8.9E+05 | 1.2E+01 |
| | | | | 3.6E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Asulam | 3337-71-1 | | | | | 1.3E+05 | 3.0E+05 | | 8.9E+04 |
| 2.3E-01 | C | | | 3.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Atrazine | 1912-24-9 | 1.4E+03 | 3.4E+03 | | 1.0E+03 | 1.2E+05 | 2.9E+05 | | 8.6E+04 |
| 8.8E-01 | C | 2.5E-04 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Auramine | 492-80-8 | 3.7E+02 | 8.8E+02 | 6.7E+06 | 2.6E+02 | | | | |
| | | | | 4.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Avermectin B1 | 65195-55-3 | | | | | 1.4E+03 | 3.3E+03 | | 9.8E+02 |
| | | | | 3.0E-03 | A | 1.0E-02 | A | | | | 1.4E+09 | | 1 | 0.1 | Azinphos-methyl | 86-50-0 | | | | | 1.1E+04 | 2.5E+04 | 1.8E+08 | 7.4E+03 |
| 1.1E-01 | I | 3.1E-05 | I | | | | | V | | | 1.4E+09 | 5.2E+05 | 1 | | Azobenzene | 103-33-3 | 3.0E+03 | | 2.1E+04 | 2.6E+03 | | | | |
| | | | | 1.0E+00 | P | 7.0E-06 | P | | | | 1.4E+09 | | 1 | 0.1 | Azodicarbonamide | 123-77-3 | | | | | 3.5E+06 | 8.3E+06 | 1.3E+05 | 1.2E+05 |
| | | | | 2.0E-01 | I | 5.0E-04 | H | | | | 1.4E+09 | | 0.07 | | Barium | 7440-39-3 | | | | | 7.0E+05 | | 8.9E+06 | 6.5E+05 |
| | | | | 5.0E-03 | O | | | V | | | 1.4E+09 | 3.1E+05 | 1 | | Benfluralin | 1861-40-1 | | | | | 1.8E+04 | | | 1.8E+04 |
| | | | | 5.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Benomyl | 17804-35-2 | | | | | 1.8E+05 | 4.1E+05 | | 1.2E+05 |
| | | | | 2.0E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Bensulfuron-methyl | 83055-99-6 | | | | | 7.0E+05 | 1.7E+06 | | 4.9E+05 |
| | | | | 3.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Bentazon | 25057-89-0 | | | | | 1.1E+05 | 2.5E+05 | | 7.4E+04 |
| 4.0E-03 | P | | | 1.0E-01 | I | | | V | | 1.2E+03 | 1.4E+09 | 2.2E+04 | 1 | | Benzaldehyde | 100-52-7 | 8.2E+04 | | | 8.2E+04 | 3.5E+05 | | | 3.5E+05 |
| 5.5E-02 | I | 7.8E-06 | I | 4.0E-03 | I | 3.0E-02 | I | V | | 1.8E+03 | 1.4E+09 | 3.5E+03 | 1 | | Benzene | 71-43-2 | 5.9E+03 | | 5.6E+02 | 5.1E+02 | 1.4E+04 | | 1.4E+03 | 1.3E+03 |
| 1.0E-01 | X | | | 3.0E-04 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Benzenediamine-2-methyl sulfate, 1,4- | 6369-59-1 | 3.3E+03 | 7.7E+03 | | 2.3E+03 | 1.1E+03 | 2.5E+03 | | 7.4E+02 |
| | | | | 1.0E-03 | P | | | V | | 1.3E+03 | 1.4E+09 | 1.9E+04 | 1 | | Benzenethiol | 108-98-5 | | | | | 3.5E+03 | | | 3.5E+03 |
| 2.3E+02 | I | 6.7E-02 | I | 3.0E-03 | I | | | | M | | 1.4E+09 | | 1 | 0.1 | Benzidine | 92-87-5 | 1.4E+00 | 3.4E+00 | 2.5E+04 | 1.0E+00 | 1.1E+04 | 2.5E+04 | | 7.4E+03 |
| | | | | 4.0E+00 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Benzoic Acid | 65-85-0 | | | | | 1.4E+07 | 3.3E+07 | | 9.8E+06 |
| 1.3E+01 | I | | | | | | | V | | 3.2E+02 | 1.4E+09 | 6.8E+04 | 1 | | Benzotrichloride | 98-07-7 | 2.5E+01 | | | 2.5E+01 | | | | |
| | | | | 1.0E-01 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Benzyl Alcohol | 100-51-6 | | | | | 3.5E+05 | 8.3E+05 | | 2.5E+05 |
| 1.7E-01 | I | 4.9E-05 | C | 2.0E-03 | P | 1.0E-03 | P | V | | 1.5E+03 | 1.4E+09 | 2.5E+04 | 1 | | Benzyl Chloride | 100-44-7 | 1.9E+03 | | 6.4E+02 | 4.8E+02 | 7.0E+03 | | 3.3E+02 | 3.2E+02 |
| | | 2.4E-03 | I | 2.0E-03 | I | 2.0E-05 | I | | | | 1.4E+09 | | 0.007 | | Beryllium and compounds | 7440-41-7 | | | 6.9E+05 | 6.9E+05 | 7.0E+03 | | 3.6E+05 | 6.9E+03 |
| | | | | 9.0E-03 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Bifenox | 42576-02-3 | | | | | 3.2E+04 | 7.5E+04 | | 2.2E+04 |
| | | | | 1.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Biphenthrin | 82657-04-3 | | | | | 5.3E+04 | 1.2E+05 | | 3.7E+04 |
| 8.0E-03 | I | | | 5.0E-01 | I | 4.0E-04 | X | V | | | 1.4E+09 | 1.1E+05 | 1 | | Biphenyl, 1,1'- | 92-52-4 | 4.1E+04 | | | 4.1E+04 | 1.8E+06 | | 6.0E+02 | 6.0E+02 |
| | | | | 4.0E-02 | I | | | V | | 1.0E+03 | 1.4E+09 | 3.5E+04 | 1 | | Bis(2-chloro-1-methylethyl) ether | 108-60-1 | | | | | 1.4E+05 | | | 1.4E+05 |
| | | | | 3.0E-03 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Bis(2-chloroethoxy)methane | 111-91-1 | | | | | 1.1E+04 | 2.5E+04 | | 7.4E+03 |
| 1.1E+00 | I | 3.3E-04 | I | | | | | V | | 5.1E+03 | 1.4E+09 | 4.3E+04 | 1 | | Bis(2-chloroethyl)ether | 111-44-4 | 3.0E+02 | | 1.6E+02 | 1.0E+02 | | | | |
| 2.2E+02 | I | 6.2E-02 | I | | | | | V | | 4.2E+03 | 1.4E+09 | 1.9E+03 | 1 | | Bis(chloromethyl)ether | 542-88-1 | 1.5E+00 | | 3.7E-02 | 3.6E-02 | | | | |
| | | | | 5.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Bisphenol A | 80-05-7 | | | | | 1.8E+05 | 4.1E+05 | | 1.2E+05 |
| | | | | 2.0E-01 | I | 2.0E-02 | H | | | | 1.4E+09 | | 1 | | Boron And Borates Only | 7440-42-8 | | | | | 7.0E+05 | | 3.6E+08 | 7.0E+05 |

RML THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer 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 | muta-gen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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 THQ=3 (mg/kg) | Dermal SL THQ=3 (mg/kg) | Inhalation SL THQ=3 (mg/kg) | Noncarcinogenic SL THI=3 (mg/kg) |
| | | | | 2.0E+00 | P | 2.0E-02 | P | V | | | 1.4E+09 | | 1 | | Boron Trichloride | 10294-34-5 | | | | | 7.0E+06 | | 3.6E+08 | 6.9E+06 |
| | | | | 4.0E-02 | C | 1.3E-02 | C | V | | | 1.4E+09 | | 1 | | Boron Trifluoride | 7637-07-2 | | | | | 1.4E+05 | | 2.3E+08 | 1.4E+05 |
| 7.0E-01 | I | | | 4.0E-03 | I | | | | | | 1.4E+09 | | 1 | | Bromate | 15541-45-4 | 4.7E+02 | | | 4.7E+02 | 1.4E+04 | | | 1.4E+04 |
| 2.0E+00 | X | 6.0E-04 | X | | | | | V | | 2.4E+03 | 1.4E+09 | 5.9E+03 | 1 | | Bromo-2-chloroethane, 1- | 107-04-0 | 1.6E+02 | | 1.2E+01 | 1.1E+01 | | | | |
| | | | | 3.0E-04 | X | | | V | | 9.0E+02 | 1.4E+09 | 1.1E+04 | 1 | | Bromo-3-fluorobenzene, 1- | 1073-06-9 | | | | | 1.1E+03 | | | 1.1E+03 |
| | | | | 3.0E-04 | X | | | V | | 3.2E+02 | 1.4E+09 | 1.1E+04 | 1 | | Bromo-4-fluorobenzene, 1- | 460-00-4 | | | | | 1.1E+03 | | | 1.1E+03 |
| | | | | 8.0E-03 | I | 6.0E-02 | I | V | | 6.8E+02 | 1.4E+09 | 8.4E+03 | 1 | | Bromobenzene | 108-86-1 | | | | | 2.8E+04 | | 6.6E+03 | 5.3E+03 |
| | | | | | | 4.0E-02 | X | V | | 4.0E+03 | 1.4E+09 | 3.6E+03 | 1 | | Bromochloromethane | 74-97-5 | | | | | | | 1.9E+03 | 1.9E+03 |
| 6.2E-02 | I | 3.7E-05 | C | 2.0E-02 | I | | | V | | 9.3E+02 | 1.4E+09 | 4.0E+03 | 1 | | Bromodichloromethane | 75-27-4 | 5.3E+03 | | 1.3E+02 | 1.3E+02 | 7.0E+04 | | | 7.0E+04 |
| 7.9E-03 | I | 1.1E-06 | I | 2.0E-02 | I | | | V | | 9.2E+02 | 1.4E+09 | 9.7E+03 | 1 | | Bromoform | 75-25-2 | 4.1E+04 | | 1.1E+04 | 8.6E+03 | 7.0E+04 | | | 7.0E+04 |
| | | | | 1.4E-03 | I | 5.0E-03 | I | V | | 3.6E+03 | 1.4E+09 | 1.4E+03 | 1 | | Bromomethane | 74-83-9 | | | | | 4.9E+03 | | 9.2E+01 | 9.0E+01 |
| | | | | 5.0E-03 | H | | | V | | | 1.4E+09 | 1.2E+05 | 1 | | Bromophos | 2104-96-3 | | | | | 1.8E+04 | | | 1.8E+04 |
| | | | | | | 1.0E-01 | A | V | | 9.7E+02 | 1.4E+09 | 2.1E+03 | 1 | | Bromopropane, 1- | 106-94-5 | | | | | | | 2.8E+03 | 2.8E+03 |
| 1.0E-01 | O | | | 1.5E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Bromoxynil | 1689-84-5 | 3.2E+03 | 7.5E+03 | | 2.2E+03 | 5.3E+04 | 1.2E+05 | | 3.7E+04 |
| | | | | 1.5E-02 | O | | | V | | | 1.4E+09 | 4.7E+05 | 1 | | Bromoxynil Octanoate | 1689-99-2 | | | | | 5.3E+04 | | | 5.3E+04 |
| 3.4E+00 | C | 3.0E-05 | I | | | 2.0E-03 | I | V | | 6.7E+02 | 1.4E+09 | 8.7E+02 | 1 | | Butadiene, 1,3- | 106-99-0 | 9.6E+01 | | 3.5E+01 | 2.6E+01 | | | 2.3E+01 | 2.3E+01 |
| | | | | 3.0E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Butanoic acid, 4-(2,4-dichlorophenoxy)- | 94-82-6 | | | | | 1.1E+05 | 2.5E+05 | | 7.4E+04 |
| | | | | 1.0E-01 | I | | | V | | 7.6E+03 | 1.4E+09 | 3.0E+04 | 1 | | Butanol, N- | 71-36-3 | | | | | 3.5E+05 | | | 3.5E+05 |
| | | | | 2.0E+00 | P | 3.0E+01 | P | V | | 2.1E+04 | 1.4E+09 | 2.9E+04 | 1 | | Butyl alcohol, sec- | 78-92-2 | | | | | 7.0E+06 | | 1.1E+07 | 4.4E+06 |
| | | | | 5.0E-02 | I | | | V | | | 1.4E+09 | 8.6E+04 | 1 | | Butylate | 2008-41-5 | | | | | 1.8E+05 | | | 1.8E+05 |
| 2.0E-04 | C | 5.7E-08 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Butylated hydroxyanisole | 25013-16-5 | 1.6E+06 | 3.9E+06 | 2.9E+10 | 1.1E+06 | | | | |
| 3.6E-03 | P | | | 3.0E-01 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Butylated hydroxytoluene | 128-37-0 | 9.1E+04 | 2.1E+05 | | 6.4E+04 | 1.1E+06 | 2.5E+06 | | 7.4E+05 |
| | | | | 5.0E-02 | P | | | V | | 1.1E+02 | 1.4E+09 | 8.1E+03 | 1 | | Butylbenzene, n- | 104-51-8 | | | | | 1.8E+05 | | | 1.8E+05 |
| | | | | 1.0E-01 | X | | | V | | 1.5E+02 | 1.4E+09 | 7.4E+03 | 1 | | Butylbenzene, sec- | 135-98-8 | | | | | 3.5E+05 | | | 3.5E+05 |
| | | | | 1.0E-01 | X | | | V | | 1.8E+02 | 1.4E+09 | 7.4E+03 | 1 | | Butylbenzene, tert- | 98-06-6 | | | | | 3.5E+05 | | | 3.5E+05 |
| | | | | 2.0E-02 | A | | | | | | 1.4E+09 | | 1 | 0.1 | Cacodylic Acid | 75-60-5 | | | | | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| | | 1.8E-03 | I | 1.0E-03 | I | 1.0E-05 | A | | | | 1.4E+09 | | 0.025 | 0.001 | Cadmium (Diet) | 7440-43-9 | | | 9.3E+05 | 9.3E+05 | 3.5E+03 | 2.1E+04 | 1.8E+05 | 2.9E+03 |
| | | 1.8E-03 | I | 5.0E-04 | I | 1.0E-05 | A | | | | | | 0.05 | 0.001 | Cadmium (Water) | 7440-43-9 | | | | | | | | |
| | | | | 5.0E-01 | I | 2.2E-03 | C | | | | 1.4E+09 | | 1 | 0.1 | Caprolactam | 105-60-2 | | | | | 1.8E+06 | 4.1E+06 | 3.9E+07 | 1.2E+06 |
| 1.5E-01 | C | 4.3E-05 | C | 2.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Captafol | 2425-06-1 | 2.2E+03 | 5.2E+03 | 3.9E+07 | 1.5E+03 | 7.0E+03 | 1.7E+04 | | 4.9E+03 |
| 2.3E-03 | C | 6.6E-07 | C | 1.3E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Captan | 133-06-2 | 1.4E+05 | 3.4E+05 | 2.5E+09 | 1.0E+05 | 4.6E+05 | 1.1E+06 | | 3.2E+05 |
| | | | | 1.0E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Carbaryl | 63-25-2 | | | | | 3.5E+05 | 8.3E+05 | | 2.5E+05 |
| | | | | 5.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Carbofuran | 1563-66-2 | | | | | 1.8E+04 | 4.1E+04 | | 1.2E+04 |
| | | | | 1.0E-01 | I | 7.0E-01 | I | V | | 7.4E+02 | 1.4E+09 | 1.2E+03 | 1 | | Carbon Disulfide | 75-15-0 | | | | | 3.5E+05 | | 1.1E+04 | 1.0E+04 |
| 7.0E-02 | I | 6.0E-06 | I | 4.0E-03 | I | 1.0E-01 | I | V | | 4.6E+02 | 1.4E+09 | 1.5E+03 | 1 | | Carbon Tetrachloride | 56-23-5 | 4.7E+03 | | 3.1E+02 | 2.9E+02 | 1.4E+04 | | 2.0E+03 | 1.7E+03 |
| | | | | | | 1.0E-01 | P | V | | 5.9E+03 | 1.4E+09 | 6.5E+02 | 1 | | Carbonyl Sulfide | 463-58-1 | | | | | | | 8.5E+02 | 8.5E+02 |
| | | | | 1.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Carbosulfan | 55285-14-8 | | | | | 3.5E+04 | 8.3E+04 | | 2.5E+04 |
| | | | | 1.0E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Carboxin | 5234-68-4 | | | | | 3.5E+05 | 8.3E+05 | | 2.5E+05 |
| | | | | | | 9.0E-04 | I | | | | 1.4E+09 | | 1 | | Ceric oxide | 1306-38-3 | | | | | | | 1.6E+07 | 1.6E+07 |
| | | | | 1.0E-01 | I | | | V | | | 1.4E+09 | 1.5E+05 | 1 | | Chloral Hydrate | 302-17-0 | | | | | 3.5E+05 | | | 3.5E+05 |
| | | | | 1.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Chloramben | 133-90-4 | | | | | 5.3E+04 | 1.2E+05 | | 3.7E+04 |
| 4.0E-01 | H | | | | | | | | | | 1.4E+09 | | 1 | 0.1 | Chloranil | 118-75-2 | 8.1E+02 | 1.9E+03 | | 5.7E+02 | | | | |
| 3.5E-01 | I | 1.0E-04 | I | 5.0E-04 | I | 7.0E-04 | I | V | | | 1.4E+09 | 1.5E+06 | 1 | 0.04 | Chlordane | 12789-03-6 | 9.3E+02 | 5.5E+03 | 1.9E+04 | 7.7E+02 | 1.8E+03 | 1.0E+04 | 1.4E+04 | 1.4E+03 |
| 1.0E+01 | I | 4.6E-03 | C | 3.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Chlordecone (Kepone) | 143-50-0 | 3.3E+01 | 7.7E+01 | 3.6E+05 | 2.3E+01 | 1.1E+03 | 2.5E+03 | | 7.4E+02 |
| | | | | 7.0E-04 | A | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorfenvinphos | 470-90-6 | | | | | 2.5E+03 | 5.8E+03 | | 1.7E+03 |
| | | | | 9.0E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorimuron, Ethyl- | 90982-32-4 | | | | | 3.2E+05 | 7.5E+05 | | 2.2E+05 |
| | | | | 1.0E-01 | I | 1.5E-04 | A | V | | 2.8E+03 | 1.4E+09 | 1.2E+03 | 1 | | Chlorine | 7782-50-5 | | | | | 3.5E+05 | | 2.3E+00 | 2.3E+00 |
| | | | | 3.0E-02 | I | 2.0E-04 | I | V | | | 1.4E+09 | | 1 | | Chlorine Dioxide | 10049-04-4 | | | | | 1.1E+05 | | 3.6E+06 | 1.0E+05 |
| | | | | 3.0E-02 | I | | | | | | 1.4E+09 | | 1 | | Chlorite (Sodium Salt) | 7758-19-2 | | | | | 1.1E+05 | | | 1.1E+05 |
| | | | | | | 5.0E+01 | I | V | | 1.2E+03 | 1.4E+09 | 1.0E+03 | 1 | | Chloro-1,1-difluoroethane, 1- | 75-68-3 | | | | | | | 6.8E+05 | 6.8E+05 |
| | | 3.0E-04 | I | 2.0E-02 | H | 2.0E-02 | I | V | | 7.9E+02 | 1.4E+09 | 1.1E+03 | 1 | | Chloro-1,3-butadiene, 2- | 126-99-8 | | | 4.4E+00 | 4.4E+00 | 7.0E+04 | | 2.8E+02 | 2.8E+02 |
| 4.6E-01 | H | | | | | | | | | | 1.4E+09 | | 1 | 0.1 | Chloro-2-methylaniline HCl, 4- | 3165-93-3 | 7.1E+02 | 1.7E+03 | | 5.0E+02 | | | | |
| 1.0E-01 | P | 7.7E-05 | C | 3.0E-03 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Chloro-2-methylaniline, 4- | 95-69-2 | 3.3E+03 | 7.7E+03 | 2.2E+07 | 2.3E+03 | 1.1E+04 | 2.5E+04 | | 7.4E+03 |
| 2.7E-01 | X | | | | | | | V | | 1.2E+04 | 1.4E+09 | 1.6E+04 | 1 | | Chloroacetaldehyde, 2- | 107-20-0 | 1.2E+03 | | | 1.2E+03 | | | | |
| | | | | | | | | | | | 1.4E+09 | | 1 | 0.1 | Chloroacetic Acid | 79-11-8 | | | | | | | | |
| | | | | | | 3.0E-05 | I | | | | 1.4E+09 | | 1 | 0.1 | Chloroacetophenone, 2- | 532-27-4 | | | | | | | 5.4E+05 | 5.4E+05 |
| 2.0E-01 | P | | | 4.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Chloroaniline, p- | 106-47-8 | 1.6E+03 | 3.9E+03 | | 1.1E+03 | 1.4E+04 | 3.3E+04 | | 9.8E+03 |
| | | | | 2.0E-02 | I | 5.0E-02 | P | V | | 7.6E+02 | 1.4E+09 | 6.4E+03 | 1 | | Chlorobenzene | 108-90-7 | | | | | 7.0E+04 | | 4.2E+03 | 4.0E+03 |
| | | | | 1.0E-01 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorobenzene sulfonic acid, p- | 98-66-8 | | | | | 3.5E+05 | 8.3E+05 | | 2.5E+05 |
| 1.1E-01 | C | 3.1E-05 | C | 2.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorobenzilate | 510-15-6 | 3.0E+03 | 7.0E+03 | 5.4E+07 | 2.1E+03 | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| | | | | 3.0E-02 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorobenzoic Acid, p- | 74-11-3 | | | | | 1.1E+05 | 2.5E+05 | | 7.4E+04 |
| | | | | 3.0E-03 | P | 3.0E-01 | P | V | | 2.9E+02 | 1.4E+09 | 6.8E+03 | 1 | | Chlorobenzotrifluoride, 4- | 98-56-6 | | | | | 1.1E+04 | | 2.7E+04 | 7.5E+03 |
| | | | | 4.0E-02 | P | | | V | | 7.3E+02 | 1.4E+09 | 1.8E+03 | 1 | | Chlorobutane, 1- | 109-69-3 | | | | | 1.4E+05 | | | 1.4E+05 |
| | | | | | | 5.0E+01 | I | V | | 1.7E+03 | 1.4E+09 | 9.4E+02 | 1 | | Chlorodifluoromethane | 75-45-6 | | | | | | | 6.2E+05 | 6.2E+05 |
| | | | | 2.0E-02 | P | | | V | | 1.1E+05 | 1.4E+09 | 7.8E+04 | 1 | | Chloroethanol, 2- | 107-07-3 | | | | | 7.0E+04 | | | 7.0E+04 |
| 3.1E-02 | C | 2.3E-05 | I | 1.0E-02 | I | 9.8E-02 | A | V | | 2.5E+03 | 1.4E+09 | 2.6E+03 | 1 | | Chloroform | 67-66-3 | 1.1E+04 | | 1.4E+02 | 1.4E+02 | 3.5E+04 | | 3.4E+03 | 3.1E+03 |
| | | | | | | 9.0E-02 | I | V | | 1.3E+03 | 1.4E+09 | 1.2E+03 | 1 | | Chloromethane | 74-87-3 | | | | | | | 1.4E+03 | 1.4E+03 |
| 2.4E+00 | C | 6.9E-04 | C | | | | | V | | 9.3E+03 | 1.4E+09 | 5.3E+03 | 1 | | Chloromethyl Methyl Ether | 107-30-2 | 1.4E+02 | | 9.5E+00 | 8.9E+00 | | | | |
| 3.0E-01 | P | | | 3.0E-03 | P | 1.0E-05 | X | | | | 1.4E+09 | | 1 | 0.1 | Chloronitrobenzene, o- | 88-73-3 | 1.1E+03 | 2.6E+03 | | 7.7E+02 | 1.1E+04 | 2.5E+04 | 1.8E+05 | 7.1E+03 |
| 6.0E-02 | P | | | 7.0E-04 | P | 2.0E-03 | P | | | | 1.4E+09 | | 1 | 0.1 | Chloronitrobenzene, p- | 100-00-5 | 5.5E+03 | 1.3E+04 | | 3.8E+03 | 2.5E+03 | 5.8E+03 | 3.6E+07 | 1.7E+03 |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer 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 | muta-gen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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 THQ=3 (mg/kg) | Dermal SL THQ=3 (mg/kg) | Inhalation SL THQ=3 (mg/kg) | Noncarcinogenic SL THI=3 (mg/kg) |
| | | | | 5.0E-03 | I | | | V | | 2.7E+04 | 1.4E+09 | 1.4E+05 | 1 | | Chlorophenol, 2- | 95-57-8 | | | | | 1.8E+04 | | | 1.8E+04 |
| | | | | | | 4.0E-04 | C | V | | 6.2E+02 | 1.4E+09 | 4.7E+03 | 1 | | Chloropicrin | 76-06-2 | | | | | | | 2.5E+01 | 2.5E+01 |
| 3.1E-03 | C | 8.9E-07 | C | 1.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorothalonil | 1897-45-6 | 1.1E+05 | 2.5E+05 | 1.9E+09 | 7.4E+04 | 5.3E+04 | 1.2E+05 | | 3.7E+04 |
| | | | | 2.0E-02 | I | | | V | | 9.1E+02 | 1.4E+09 | 8.1E+03 | 1 | | Chlorotoluene, o- | 95-49-8 | | | | | 7.0E+04 | | | 7.0E+04 |
| | | | | 2.0E-02 | X | | | V | | 2.5E+02 | 1.4E+09 | 7.3E+03 | 1 | | Chlorotoluene, p- | 106-43-4 | | | | | 7.0E+04 | | | 7.0E+04 |
| 2.4E+02 | C | 6.9E-02 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorozotocin | 54749-90-5 | 1.4E+00 | 3.2E+00 | 2.4E+04 | 9.6E-01 | | | | |
| | | | | 5.0E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorpropham | 101-21-3 | | | | | 1.8E+05 | 4.1E+05 | | 1.2E+05 |
| | | | | 1.0E-03 | A | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorpyrifos | 2921-88-2 | | | | | 3.5E+03 | 8.3E+03 | | 2.5E+03 |
| | | | | 1.0E-02 | H | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorpyrifos Methyl | 5598-13-0 | | | | | 3.5E+04 | 8.3E+04 | | 2.5E+04 |
| | | | | 2.0E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorsulfuron | 64902-72-3 | | | | | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| | | | | 1.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorthal-dimethyl | 1861-32-1 | | | | | 3.5E+04 | 8.3E+04 | | 2.5E+04 |
| | | | | 8.0E-04 | H | | | | | | 1.4E+09 | | 1 | 0.1 | Chlorthiophos | 60238-56-4 | | | | | 2.8E+03 | 6.6E+03 | | 2.0E+03 |
| | | | | 1.5E+00 | I | | | | | | 1.4E+09 | | 0.013 | | Chromium(III), Insoluble Salts | 16065-83-1 | | | | | 5.3E+06 | | | 5.3E+06 |
| 5.0E-01 | C | 8.4E-02 | S | 3.0E-03 | I | 1.0E-04 | I | | M | | 1.4E+09 | | 0.025 | | Chromium(VI) | 18540-29-9 | 6.5E+02 | | 2.0E+04 | 6.3E+02 | 1.1E+04 | | 1.8E+06 | 1.0E+04 |
| | | | | | | | | | | | 1.4E+09 | | 0.013 | | Chromium, Total | 7440-47-3 | | | | | | | | |
| | | | | 1.3E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Clofentezine | 74115-24-5 | | | | | 4.6E+04 | 1.1E+05 | | 3.2E+04 |
| | | 9.0E-03 | P | 3.0E-04 | P | 6.0E-06 | P | | | | 1.4E+09 | | 1 | | Cobalt | 7440-48-4 | | | 1.9E+05 | 1.9E+05 | 1.1E+03 | | 1.1E+05 | 1.0E+03 |
| | | 6.2E-04 | I | | | | | V | M | | | | 1 | | Coke Oven Emissions | 8007-45-2 | | | | | | | | |
| | | | | 4.0E-02 | H | | | | | | 1.4E+09 | | 1 | | Copper | 7440-50-8 | | | | | 1.4E+05 | | | 1.4E+05 |
| | | | | 5.0E-02 | I | 6.0E-01 | C | | | | 1.4E+09 | | 1 | 0.1 | Cresol, m- | 108-39-4 | | | | | 1.8E+05 | 4.1E+05 | 1.1E+10 | 1.2E+05 |
| | | | | 5.0E-02 | I | 6.0E-01 | C | | | | 1.4E+09 | | 1 | 0.1 | Cresol, o- | 95-48-7 | | | | | 1.8E+05 | 4.1E+05 | 1.1E+10 | 1.2E+05 |
| | | | | 1.0E-01 | A | 6.0E-01 | C | | | | 1.4E+09 | | 1 | 0.1 | Cresol, p- | 106-44-5 | | | | | 3.5E+05 | 8.3E+05 | 1.1E+10 | 2.5E+05 |
| | | | | 1.0E-01 | A | | | | | | 1.4E+09 | | 1 | 0.1 | Cresol, p-chloro-m- | 59-50-7 | | | | | 3.5E+05 | 8.3E+05 | | 2.5E+05 |
| | | | | 1.0E-01 | A | 6.0E-01 | C | | | | 1.4E+09 | | 1 | 0.1 | Cresols | 1319-77-3 | | | | | 3.5E+05 | 8.3E+05 | 1.1E+10 | 2.5E+05 |
| 1.9E+00 | H | | | 1.0E-03 | P | | | V | | 1.7E+04 | 1.4E+09 | 1.9E+04 | 1 | | Crotonaldehyde, trans- | 123-73-9 | 1.7E+02 | | | 1.7E+02 | 3.5E+03 | | | 3.5E+03 |
| | | | | 1.0E-01 | I | 4.0E-01 | I | V | | 2.7E+02 | 1.4E+09 | 6.2E+03 | 1 | | Cumene | 98-82-8 | | | | | 3.5E+05 | | 3.3E+04 | 3.0E+04 |
| 2.2E-01 | C | 6.3E-05 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Cupferron | 135-20-6 | 1.5E+03 | 3.5E+03 | 2.6E+07 | 1.0E+03 | | | | |
| 8.4E-01 | H | | | 2.0E-03 | H | | | | | | 1.4E+09 | | 1 | 0.1 | Cyanazine | 21725-46-2 | 3.9E+02 | 9.2E+02 | | 2.7E+02 | 7.0E+03 | 1.7E+04 | | 4.9E+03 |
| | | | | | | | | | | | | | | | Cyanides | | | | | | | | | |
| | | | | 1.0E-03 | I | | | | | | 1.4E+09 | | 1 | | ~Calcium Cyanide | 592-01-8 | | | | | 3.5E+03 | | | 3.5E+03 |
| | | | | 5.0E-03 | I | | | | | | 1.4E+09 | | 1 | | ~Copper Cyanide | 544-92-3 | | | | | 1.8E+04 | | | 1.8E+04 |
| | | | | 6.0E-04 | I | 8.0E-04 | S | V | | 9.5E+05 | 1.4E+09 | 5.3E+04 | 1 | | ~Cyanide (CN-) | 57-12-5 | | | | | 2.1E+03 | | 5.6E+02 | 4.4E+02 |
| | | | | 1.0E-03 | I | | | V | | | 1.4E+09 | | 1 | | ~Cyanogen | 460-19-5 | | | | | 3.5E+03 | | | 3.5E+03 |
| | | | | 9.0E-02 | I | | | V | | | 1.4E+09 | | 1 | | ~Cyanogen Bromide | 506-68-3 | | | | | 3.2E+05 | | | 3.2E+05 |
| | | | | 5.0E-02 | I | | | V | | | 1.4E+09 | | 1 | | ~Cyanogen Chloride | 506-77-4 | | | | | 1.8E+05 | | | 1.8E+05 |
| | | | | 6.0E-04 | I | 8.0E-04 | I | V | | 1.0E+07 | 1.4E+09 | 5.2E+04 | 1 | | ~Hydrogen Cyanide | 74-90-8 | | | | | 2.1E+03 | | 5.5E+02 | 4.4E+02 |
| | | | | 2.0E-03 | I | | | | | | 1.4E+09 | | 1 | | ~Potassium Cyanide | 151-50-8 | | | | | 7.0E+03 | | | 7.0E+03 |
| | | | | 5.0E-03 | I | | | | | | 1.4E+09 | | 0.04 | | ~Potassium Silver Cyanide | 506-61-6 | | | | | 1.8E+04 | | | 1.8E+04 |
| | | | | 1.0E-01 | I | | | | | | 1.4E+09 | | 0.04 | | ~Silver Cyanide | 506-64-9 | | | | | 3.5E+05 | | | 3.5E+05 |
| | | | | 1.0E-03 | I | | | | | | 1.4E+09 | | 1 | | ~Sodium Cyanide | 143-33-9 | | | | | 3.5E+03 | | | 3.5E+03 |
| | | | | 2.0E-04 | P | | | | | | 1.4E+09 | | 1 | | ~Thiocyanates | E1790664 | | | | | 7.0E+02 | | | 7.0E+02 |
| | | | | 2.0E-04 | X | | | V | | | 1.4E+09 | | 1 | | ~Thiocyanic Acid | 463-56-9 | | | | | 7.0E+02 | | | 7.0E+02 |
| | | | | 5.0E-02 | I | | | | | | 1.4E+09 | | 1 | | ~Zinc Cyanide | 557-21-1 | | | | | 1.8E+05 | | | 1.8E+05 |
| | | | | | | 6.0E+00 | I | V | | 1.2E+02 | 1.4E+09 | 1.0E+03 | 1 | | Cyclohexane | 110-82-7 | | | | | | | 8.2E+04 | 8.2E+04 |
| 2.0E-02 | X | | | 2.0E-02 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro- | 87-84-3 | 1.6E+04 | 3.9E+04 | | 1.1E+04 | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| | | | | 5.0E+00 | I | 7.0E-01 | P | V | | 5.1E+03 | 1.4E+09 | 4.2E+04 | 1 | | Cyclohexanone | 108-94-1 | | | | | 1.8E+07 | | 3.8E+05 | 3.8E+05 |
| | | | | 5.0E-03 | P | 1.0E+00 | X | V | | 2.8E+02 | 1.4E+09 | 1.5E+03 | 1 | | Cyclohexene | 110-83-8 | | | | | 1.8E+04 | | 1.9E+04 | 9.2E+03 |
| | | | | 2.0E-01 | I | | | V | | 2.9E+05 | 1.4E+09 | 7.5E+04 | 1 | | Cyclohexylamine | 108-91-8 | | | | | 7.0E+05 | | | 7.0E+05 |
| | | | | 2.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Cyfluthrin | 68359-37-5 | | | | | 8.8E+04 | 2.1E+05 | | 6.2E+04 |
| | | | | 1.0E-03 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Cyhalothrin | 68085-85-8 | | | | | 3.5E+03 | 8.3E+03 | | 2.5E+03 |
| | | | | 6.0E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Cypermethrin | 52315-07-8 | | | | | 2.1E+05 | 5.0E+05 | | 1.5E+05 |
| | | | | 1.5E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Cyromazine | 66215-27-8 | | | | | 5.3E+04 | 1.2E+05 | | 3.7E+04 |
| 2.4E-01 | I | 6.9E-05 | C | 3.0E-05 | X | | | | | | 1.4E+09 | | 1 | 0.1 | DDD, p,p`- (DDD) | 72-54-8 | 1.4E+03 | 3.2E+03 | 2.4E+07 | 9.6E+02 | 1.1E+02 | 2.5E+02 | | 7.4E+01 |
| 3.4E-01 | I | 9.7E-05 | C | 3.0E-04 | X | | | V | | | 1.4E+09 | 2.1E+06 | 1 | | DDE, p,p'- | 72-55-9 | 9.6E+02 | | 2.7E+04 | 9.3E+02 | 1.1E+03 | | | 1.1E+03 |
| 3.4E-01 | I | 9.7E-05 | I | 5.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.03 | DDT | 50-29-3 | 9.6E+02 | 7.6E+03 | 1.7E+07 | 8.5E+02 | 1.8E+03 | 1.4E+04 | | 1.6E+03 |
| | | | | 3.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Dalapon | 75-99-0 | | | | | 1.1E+05 | 2.5E+05 | | 7.4E+04 |
| 1.8E-02 | C | 5.1E-06 | C | 1.5E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Daminozide | 1596-84-5 | 1.8E+04 | 4.3E+04 | 3.3E+08 | 1.3E+04 | 5.3E+05 | 1.2E+06 | | 3.7E+05 |
| 7.0E-04 | I | | | 7.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209) | 1163-19-5 | 4.7E+05 | 1.1E+06 | | 3.3E+05 | 2.5E+04 | 5.8E+04 | | 1.7E+04 |
| | | | | 4.0E-05 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Demeton | 8065-48-3 | | | | | 1.4E+02 | 3.3E+02 | | 9.8E+01 |
| 1.2E-03 | I | | | 6.0E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Di(2-ethylhexyl)adipate | 103-23-1 | 2.7E+05 | 6.4E+05 | | 1.9E+05 | 2.1E+06 | 5.0E+06 | | 1.5E+06 |
| 6.1E-02 | H | | | | | | | | | | 1.4E+09 | | 1 | 0.1 | Diallate | 2303-16-4 | 5.4E+03 | 1.3E+04 | | 3.8E+03 | | | | |
| | | | | 7.0E-04 | A | | | | | | 1.4E+09 | | 1 | 0.1 | Diazinon | 333-41-5 | | | | | 2.5E+03 | 5.8E+03 | | 1.7E+03 |
| | | | | 1.0E-02 | X | | | V | | | 1.4E+09 | 5.2E+05 | 1 | | Dibenzothiophene | 132-65-0 | | | | | 3.5E+04 | | | 3.5E+04 |
| 8.0E-01 | P | 6.0E-03 | P | 2.0E-04 | P | 2.0E-04 | I | V | M | 9.8E+02 | 1.4E+09 | 3.2E+04 | 1 | | Dibromo-3-chloropropane, 1,2- | 96-12-8 | 4.1E+02 | | 6.5E+00 | 6.4E+00 | 7.0E+02 | | 8.4E+01 | 7.5E+01 |
| | | | | 4.0E-04 | X | | | V | | 1.6E+02 | 1.4E+09 | 1.9E+04 | 1 | | Dibromobenzene, 1,3- | 108-36-1 | | | | | 1.4E+03 | | | 1.4E+03 |
| | | | | 1.0E-02 | I | | | V | | | 1.4E+09 | 2.2E+04 | 1 | | Dibromobenzene, 1,4- | 106-37-6 | | | | | 3.5E+04 | | | 3.5E+04 |
| 8.4E-02 | I | | | 2.0E-02 | I | | | V | | 8.0E+02 | 1.4E+09 | 7.9E+03 | 1 | | Dibromochloromethane | 124-48-1 | 3.9E+03 | | | 3.9E+03 | 7.0E+04 | | | 7.0E+04 |
| 2.0E+00 | I | 6.0E-04 | I | 9.0E-03 | I | 9.0E-03 | I | V | | 1.3E+03 | 1.4E+09 | 8.6E+03 | 1 | | Dibromoethane, 1,2- | 106-93-4 | 1.6E+02 | | 1.8E+01 | 1.6E+01 | 3.2E+04 | | 1.0E+03 | 9.9E+02 |
| | | | | | | 4.0E-03 | X | V | | 2.8E+03 | 1.4E+09 | 5.6E+03 | 1 | | Dibromomethane (Methylene Bromide) | 74-95-3 | | | | | | | 3.0E+02 | 3.0E+02 |
| | | | | 3.0E-04 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Dibutyltin Compounds | E1790660 | | | | | 1.1E+03 | 2.5E+03 | | 7.4E+02 |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer 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 | muta-gen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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 THQ=3 (mg/kg) | Dermal SL THQ=3 (mg/kg) | Inhalation SL THQ=3 (mg/kg) | Noncarcinogenic SL THI=3 (mg/kg) |
| | | | | 3.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Dicamba | 1918-00-9 | | | | | 1.1E+05 | 2.5E+05 | | 7.4E+04 |
| | | 4.2E-03 | P | | | | | V | | 5.5E+02 | 1.4E+09 | 3.2E+03 | 1 | | Dichloro-2-butene, 1,4- | 764-41-0 | | | 9.4E-01 | 9.4E-01 | | | | |
| | | 4.2E-03 | P | | | | | V | | 5.2E+02 | 1.4E+09 | 1.1E+04 | 1 | | Dichloro-2-butene, cis-1,4- | 1476-11-5 | | | 3.2E+00 | 3.2E+00 | | | | |
| | | 4.2E-03 | P | | | | | V | | 7.6E+02 | 1.4E+09 | 1.1E+04 | 1 | | Dichloro-2-butene, trans-1,4- | 110-57-6 | | | 3.2E+00 | 3.2E+00 | | | | |
| 5.0E-02 | I | | | 4.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Dichloroacetic Acid | 79-43-6 | 6.5E+03 | 1.5E+04 | | 4.6E+03 | 1.4E+04 | 3.3E+04 | | 9.8E+03 |
| | | | | 9.0E-02 | I | 2.0E-01 | H | | | 3.8E+02 | 1.4E+09 | 1.2E+04 | 1 | | Dichlorobenzene, 1,2- | 95-50-1 | | | | | 3.2E+05 | | 3.1E+04 | 2.8E+04 |
| 5.4E-03 | C | 1.1E-05 | C | 7.0E-02 | A | 8.0E-01 | I | V | | | 1.4E+09 | 1.0E+04 | 1 | | Dichlorobenzene, 1,4- | 106-46-7 | 6.1E+04 | | 1.2E+03 | 1.1E+03 | 2.5E+05 | | 1.1E+05 | 7.6E+04 |
| 4.5E-01 | I | 3.4E-04 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Dichlorobenzidine, 3,3'- | 91-94-1 | 7.3E+02 | 1.7E+03 | 4.9E+06 | 5.1E+02 | | | | |
| | | | | 9.0E-03 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Dichlorobenzophenone, 4,4'- | 90-98-2 | | | | | 3.2E+04 | 7.5E+04 | | 2.2E+04 |
| | | | | 2.0E-01 | I | 1.0E-01 | X | V | | 8.5E+02 | 1.4E+09 | 8.4E+02 | 1 | | Dichlorodifluoromethane | 75-71-8 | | | | | 7.0E+05 | | 1.1E+03 | 1.1E+03 |
| 5.7E-03 | C | 1.6E-06 | C | 2.0E-01 | P | | | V | | 1.7E+03 | 1.4E+09 | 2.1E+03 | 1 | | Dichloroethane, 1,1- | 75-34-3 | 5.7E+04 | | 1.6E+03 | 1.6E+03 | 7.0E+05 | | | 7.0E+05 |
| 9.1E-02 | I | 2.6E-05 | I | 6.0E-03 | X | 7.0E-03 | P | V | | 3.0E+03 | 1.4E+09 | 4.6E+03 | 1 | | Dichloroethane, 1,2- | 107-06-2 | 3.6E+03 | | 2.2E+02 | 2.0E+02 | 2.1E+04 | | 4.2E+02 | 4.1E+02 |
| | | | | 5.0E-02 | I | 2.0E-01 | I | V | | 1.2E+03 | 1.4E+09 | 1.2E+03 | 1 | | Dichloroethylene, 1,1- | 75-35-4 | | | | | 1.8E+05 | | 3.0E+03 | 3.0E+03 |
| | | | | 2.0E-03 | I | | | V | | 2.4E+03 | 1.4E+09 | 2.5E+03 | 1 | | Dichloroethylene, 1,2-cis- | 156-59-2 | | | | | 7.0E+03 | | | 7.0E+03 |
| | | | | 2.0E-02 | I | | | V | | 1.9E+03 | 1.4E+09 | 1.7E+03 | 1 | | Dichloroethylene, 1,2-trans- | 156-60-5 | | | | | 7.0E+04 | | | 7.0E+04 |
| | | | | 3.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Dichlorophenol, 2,4- | 120-83-2 | | | | | 1.1E+04 | 2.5E+04 | | 7.4E+03 |
| | | | | 1.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.05 | Dichlorophenoxy Acetic Acid, 2,4- | 94-75-7 | | | | | 3.5E+04 | 1.7E+05 | | 2.9E+04 |
| 3.7E-02 | P | 3.7E-06 | P | 4.0E-02 | P | 4.0E-03 | I | V | | 1.4E+03 | 1.4E+09 | 3.8E+03 | 1 | | Dichloropropane, 1,2- | 78-87-5 | 8.8E+03 | | 1.3E+03 | 1.1E+03 | 1.4E+05 | | 2.0E+02 | 2.0E+02 |
| | | | | 2.0E-02 | P | | | V | | 1.5E+03 | 1.4E+09 | 6.8E+03 | 1 | | Dichloropropane, 1,3- | 142-28-9 | | | | | 7.0E+04 | | | 7.0E+04 |
| | | | | 3.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Dichloropropanol, 2,3- | 616-23-9 | | | | | 1.1E+04 | 2.5E+04 | | 7.4E+03 |
| 1.0E-01 | I | 4.0E-06 | I | 3.0E-02 | I | 2.0E-02 | I | V | | 1.6E+03 | 1.4E+09 | 3.6E+03 | 1 | | Dichloropropene, 1,3- | 542-75-6 | 3.3E+03 | | 1.1E+03 | 8.2E+02 | 1.1E+05 | | 9.3E+02 | 9.3E+02 |
| 2.9E-01 | I | 8.3E-05 | C | 5.0E-04 | I | 5.0E-04 | I | | | | 1.4E+09 | | 1 | 0.1 | Dichlorvos | 62-73-7 | 1.1E+03 | 2.7E+03 | 2.0E+07 | 7.9E+02 | 1.8E+03 | 4.1E+03 | 8.9E+06 | 1.2E+03 |
| | | | | 7.0E-05 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Dicrotophos | 141-66-2 | | | | | 2.5E+02 | 5.8E+02 | | 1.7E+02 |
| | | | | 8.0E-02 | P | 3.0E-04 | X | V | | 2.6E+02 | 1.4E+09 | 4.1E+03 | 1 | | Dicyclopentadiene | 77-73-6 | | | | | 2.8E+05 | | 1.6E+01 | 1.6E+01 |
| 1.6E+01 | I | 4.6E-03 | I | 5.0E-05 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Dieldrin | 60-57-1 | 2.0E+01 | 4.8E+01 | 3.6E+05 | 1.4E+01 | 1.8E+02 | 4.1E+02 | | 1.2E+02 |
| | | 3.0E-04 | C | | | 5.0E-03 | I | | | | | | 1 | 0.1 | Diesel Engine Exhaust | E17136615 | | | | | | | | |
| | | | | 2.0E-03 | P | 2.0E-04 | P | | | | 1.4E+09 | | 1 | 0.1 | Diethanolamine | 111-42-2 | | | | | 7.0E+03 | 1.7E+04 | 3.6E+06 | 4.9E+03 |
| | | | | 3.0E-02 | P | 1.0E-04 | P | | | | 1.4E+09 | | 1 | 0.1 | Diethylene Glycol Monobutyl Ether | 112-34-5 | | | | | 1.1E+05 | 2.5E+05 | 1.8E+06 | 7.1E+04 |
| | | | | 6.0E-02 | P | 3.0E-04 | P | | | | 1.4E+09 | | 1 | 0.1 | Diethylene Glycol Monoethyl Ether | 111-90-0 | | | | | 2.1E+05 | 5.0E+05 | 5.4E+06 | 1.4E+05 |
| | | | | 1.0E-03 | P | | | V | | 1.1E+05 | 1.4E+09 | 1.4E+05 | 1 | | Diethylformamide | 617-84-5 | | | | | 3.5E+03 | | | 3.5E+03 |
| 3.5E+02 | C | 1.0E-01 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Diethylstilbestrol | 56-53-1 | 9.3E-01 | 2.2E+00 | 1.7E+04 | 6.6E-01 | | | | |
| | | | | 8.3E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Difenzoquat | 43222-48-6 | | | | | 2.9E+05 | 6.9E+05 | | 2.0E+05 |
| | | | | 2.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Diflubenzuron | 35367-38-5 | | | | | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| | | | | | | 4.0E+01 | I | V | | 1.4E+03 | 1.4E+09 | 1.1E+03 | 1 | | Difluoroethane, 1,1- | 75-37-6 | | | | | | | 6.0E+05 | 6.0E+05 |
| | | | | | | 3.0E+01 | X | V | | 6.9E+02 | 1.4E+09 | 7.6E+02 | 1 | | Difluoropropane, 2,2- | 420-45-1 | | | | | | | 3.0E+05 | 3.0E+05 |
| 4.4E-02 | C | 1.3E-05 | C | | | | | V | | | 1.4E+09 | 1.2E+05 | 1 | | Dihydrosafrole | 94-58-6 | 7.4E+03 | | 1.2E+04 | 4.5E+03 | | | | |
| | | | | | | 7.0E-01 | P | V | | 2.3E+03 | 1.4E+09 | 3.1E+03 | 1 | | Diisopropyl Ether | 108-20-3 | | | | | | | 2.8E+04 | 2.8E+04 |
| | | | | 8.0E-02 | I | | | V | | 5.3E+02 | 1.4E+09 | 3.8E+04 | 1 | | Diisopropyl Methylphosphonate | 1445-75-6 | | | | | 2.8E+05 | | | 2.8E+05 |
| | | | | 2.2E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Dimethipin | 55290-64-7 | | | | | 7.6E+04 | 1.8E+05 | | 5.4E+04 |
| | | | | 2.2E-03 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Dimethoate | 60-51-5 | | | | | 7.7E+03 | 1.8E+04 | | 5.4E+03 |
| 1.6E+00 | P | | | | | | | | | | 1.4E+09 | | 1 | 0.1 | Dimethoxybenzidine, 3,3'- | 119-90-4 | 2.0E+02 | 4.8E+02 | | 1.4E+02 | | | | |
| 1.7E-03 | P | | | 6.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Dimethyl methylphosphonate | 756-79-6 | 1.9E+05 | 4.5E+05 | | 1.4E+05 | 2.1E+05 | 5.0E+05 | | 1.5E+05 |
| 4.6E+00 | C | 1.3E-03 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Dimethylamino azobenzene [p-] | 60-11-7 | 7.1E+01 | 1.7E+02 | 1.3E+06 | 5.0E+01 | | | | |
| 5.8E-01 | H | | | | | | | | | | 1.4E+09 | | 1 | 0.1 | Dimethylaniline HCl, 2,4- | 21436-96-4 | 5.6E+02 | 1.3E+03 | | 4.0E+02 | | | | |
| 2.0E-01 | P | | | 2.0E-03 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Dimethylaniline, 2,4- | 95-68-1 | 1.6E+03 | 3.9E+03 | | 1.1E+03 | 7.0E+03 | 1.7E+04 | | 4.9E+03 |
| 2.7E-02 | P | | | 2.0E-03 | I | | | V | | 8.3E+02 | 1.4E+09 | 3.1E+04 | 1 | | Dimethylaniline, N,N- | 121-69-7 | 1.2E+04 | | | 1.2E+04 | 7.0E+03 | | | 7.0E+03 |
| 1.1E+01 | P | | | | | | | | | | 1.4E+09 | | 1 | 0.1 | Dimethylbenzidine, 3,3'- | 119-93-7 | 3.0E+01 | 7.0E+01 | | 2.1E+01 | | | | |
| | | | | 1.0E-01 | P | 3.0E-02 | I | V | | 1.1E+05 | 1.4E+09 | 1.3E+05 | 1 | | Dimethylformamide | 68-12-2 | | | | | 3.5E+05 | | 5.0E+04 | 4.4E+04 |
| | | | | 1.0E-04 | X | 2.0E-06 | X | V | | 1.7E+05 | 1.4E+09 | 2.8E+04 | 1 | | Dimethylhydrazine, 1,1- | 57-14-7 | | | | | 3.5E+02 | | 7.3E-01 | 7.3E-01 |
| 5.5E+02 | C | 1.6E-01 | C | | | | | V | | 1.9E+05 | 1.4E+09 | 1.7E+05 | 1 | | Dimethylhydrazine, 1,2- | 540-73-8 | 5.9E-01 | | 1.3E+00 | 4.1E-01 | | | | |
| | | | | 2.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Dimethylphenol, 2,4- | 105-67-9 | | | | | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| | | | | 6.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Dimethylphenol, 2,6- | 576-26-1 | | | | | 2.1E+03 | 5.0E+03 | | 1.5E+03 |
| | | | | 1.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Dimethylphenol, 3,4- | 95-65-8 | | | | | 3.5E+03 | 8.3E+03 | | 2.5E+03 |
| 4.5E-02 | C | 1.3E-05 | C | | | | | V | | 4.7E+02 | 1.4E+09 | 5.5E+03 | 1 | | Dimethylvinylchloride | 513-37-1 | 7.3E+03 | | 5.2E+02 | 4.8E+02 | | | | |
| | | | | 8.0E-05 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Dinitro-o-cresol, 4,6- | 534-52-1 | | | | | 2.8E+02 | 6.6E+02 | | 2.0E+02 |
| | | | | 2.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Dinitro-o-cyclohexyl Phenol, 4,6- | 131-89-5 | | | | | 7.0E+03 | 1.7E+04 | | 4.9E+03 |
| | | | | 1.0E-04 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Dinitrobenzene, 1,2- | 528-29-0 | | | | | 3.5E+02 | 8.3E+02 | | 2.5E+02 |
| | | | | 1.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Dinitrobenzene, 1,3- | 99-65-0 | | | | | 3.5E+02 | 8.3E+02 | | 2.5E+02 |
| | | | | 1.0E-04 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Dinitrobenzene, 1,4- | 100-25-4 | | | | | 3.5E+02 | 8.3E+02 | | 2.5E+02 |
| | | | | 2.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Dinitrophenol, 2,4- | 51-28-5 | | | | | 7.0E+03 | 1.7E+04 | | 4.9E+03 |
| 6.8E-01 | I | | | | | | | | | | 1.4E+09 | | 1 | 0.1 | Dinitrotoluene Mixture, 2,4/2,6- | E1615210 | 4.8E+02 | 1.1E+03 | | 3.4E+02 | | | | |
| 3.1E-01 | C | 8.9E-05 | C | 2.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.102 | Dinitrotoluene, 2,4- | 121-14-2 | 1.1E+03 | 2.4E+03 | 1.9E+07 | 7.4E+02 | 7.0E+03 | 1.6E+04 | | 4.9E+03 |
| 1.5E+00 | P | | | 3.0E-04 | X | | | | | | 1.4E+09 | | 1 | 0.099 | Dinitrotoluene, 2,6- | 606-20-2 | 2.2E+02 | 5.2E+02 | | 1.5E+02 | 1.1E+03 | 2.5E+03 | | 7.4E+02 |
| | | | | 2.0E-03 | S | | | | | | 1.4E+09 | | 1 | 0.006 | Dinitrotoluene, 2-Amino-4,6- | 35572-78-2 | | | | | 7.0E+03 | 2.8E+05 | | 6.8E+03 |
| | | | | 2.0E-03 | S | | | | | | 1.4E+09 | | 1 | 0.009 | Dinitrotoluene, 4-Amino-2,6- | 19406-51-0 | | | | | 7.0E+03 | 1.8E+05 | | 6.8E+03 |
| 4.5E-01 | X | | | 9.0E-04 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Dinitrotoluene, Technical grade | 25321-14-6 | 7.3E+02 | 1.7E+03 | | 5.1E+02 | 3.2E+03 | 7.5E+03 | | 2.2E+03 |
| | | | | 1.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Dinoseb | 88-85-7 | | | | | 3.5E+03 | 8.3E+03 | | 2.5E+03 |
| 1.0E-01 | I | 5.0E-06 | I | 3.0E-02 | I | 3.0E-02 | I | V | | 1.2E+05 | 1.4E+09 | 4.0E+04 | 1 | | Dioxane, 1,4- | 123-91-1 | 3.3E+03 | | 9.7E+03 | 2.4E+03 | 1.1E+05 | | 1.6E+04 | 1.4E+04 |
| | | | | | | | | | | | | | | | Dioxins | | | | | | | | | |
| 6.2E+03 | I | 1.3E+00 | I | | | | | | | | 1.4E+09 | | 1 | 0.03 | ~Hexachlorodibenzo-p-dioxin, Mixture | | 5.3E-02 | 4.2E-01 | 1.3E+03 | 4.7E-02 | | | | |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer 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 | volatile | mutagen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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 THQ=3 (mg/kg) | Dermal SL THQ=3 (mg/kg) | Inhalation SL THQ=3 (mg/kg) | Noncarcinogenic SL THI=3 (mg/kg) |
| 1.3E+05 | C | 3.8E+01 | C | 7.0E-10 | I | 4.0E-08 | C | V | | | 1.4E+09 | 2.0E+06 | 1 | 0.03 | ~TCDD, 2,3,7,8- | 1746-01-6 | 2.5E-03 | 2.0E-02 | 6.3E-02 | 2.2E-03 | 2.5E-03 | 1.9E-02 | 1.0E+00 | 2.2E-03 |
| | | | | 3.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Diphenamid | 957-51-7 | | | | | 1.1E+05 | 2.5E+05 | | 7.4E+04 |
| | | | | | | 4.0E-04 | X | V | | | 1.4E+09 | 8.1E+04 | 1 | | Diphenyl Ether | 101-84-8 | | | | | | | 4.2E+02 | 4.2E+02 |
| | | | | 8.0E-04 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Diphenyl Sulfone | 127-63-9 | | | | | 2.8E+03 | 6.6E+03 | | 2.0E+03 |
| | | | | 1.0E-01 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Diphenylamine | 122-39-4 | | | | | 3.5E+05 | 8.3E+05 | | 2.5E+05 |
| 8.0E-01 | I | 2.2E-04 | I | | | | | | | | 1.4E+09 | | 1 | 0.1 | Diphenylhydrazine, 1,2- | 122-66-7 | 4.1E+02 | 9.7E+02 | 7.6E+06 | 2.9E+02 | | | | |
| | | | | 2.2E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Diquat | 85-00-7 | | | | | 7.7E+03 | 1.8E+04 | | 5.4E+03 |
| 7.1E+00 | C | 1.4E-01 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Direct Black 38 | 1937-37-7 | 4.6E+01 | 1.1E+02 | 1.2E+04 | 3.2E+01 | | | | |
| 7.4E+00 | C | 1.4E-01 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Direct Blue 6 | 2602-46-2 | 4.4E+01 | 1.0E+02 | 1.2E+04 | 3.1E+01 | | | | |
| 6.7E+00 | C | 1.4E-01 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Direct Brown 95 | 16071-86-6 | 4.9E+01 | 1.2E+02 | 1.2E+04 | 3.4E+01 | | | | |
| | | | | 4.0E-05 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Disulfoton | 298-04-4 | | | | | 1.4E+02 | 3.3E+02 | | 9.8E+01 |
| | | | | 1.0E-02 | I | | | V | | | 1.4E+09 | 4.5E+04 | 1 | | Dithiane, 1,4- | 505-29-3 | | | | | 3.5E+04 | | | 3.5E+04 |
| | | | | 2.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Diuron | 330-54-1 | | | | | 7.0E+03 | 1.7E+04 | | 4.9E+03 |
| | | | | 2.0E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Dodine | 2439-10-3 | | | | | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| | | | | 5.0E-02 | O | | | V | | | 1.4E+09 | 1.2E+05 | 1 | | EPTC | 759-94-4 | | | | | 1.8E+05 | | | 1.8E+05 |
| | | | | 6.0E-03 | I | | | V | | | 1.4E+09 | 4.1E+05 | 1 | | Endosulfan | 115-29-7 | | | | | 2.1E+04 | | | 2.1E+04 |
| | | | | 2.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Endothall | 145-73-3 | | | | | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| | | | | 3.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Endrin | 72-20-8 | | | | | 1.1E+03 | 2.5E+03 | | 7.4E+02 |
| 9.9E-03 | I | 1.2E-06 | I | 6.0E-03 | P | 1.0E-03 | I | V | | 1.1E+04 | 1.4E+09 | 1.9E+04 | 1 | | Epichlorohydrin | 106-89-8 | 3.3E+04 | | 1.9E+04 | 1.2E+04 | 2.1E+04 | | 2.5E+02 | 2.5E+02 |
| | | | | | | 2.0E-02 | I | V | | 1.5E+04 | 1.4E+09 | 7.7E+03 | 1 | | Epoxybutane, 1,2- | 106-88-7 | | | | | | | 2.0E+03 | 2.0E+03 |
| | | | | 4.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Ethanol, 2-(2-methoxyethoxy)- | 111-77-3 | | | | | 1.4E+05 | 3.3E+05 | | 9.8E+04 |
| | | | | 5.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Ethephon | 16672-87-0 | | | | | 1.8E+04 | 4.1E+04 | | 1.2E+04 |
| | | | | 5.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Ethion | 563-12-2 | | | | | 1.8E+03 | 4.1E+03 | | 1.2E+03 |
| | | | | 1.0E-01 | P | 6.0E-02 | P | V | | 2.4E+04 | 1.4E+09 | 6.1E+04 | 1 | | Ethoxyethanol Acetate, 2- | 111-15-9 | | | | | 3.5E+05 | | 4.8E+04 | 4.3E+04 |
| | | | | 9.0E-02 | P | 2.0E-01 | I | V | | 1.1E+05 | 1.4E+09 | 9.8E+04 | 1 | | Ethoxyethanol, 2- | 110-80-5 | | | | | 3.2E+05 | | 2.6E+05 | 1.4E+05 |
| | | | | 9.0E-01 | I | 7.0E-02 | P | V | | 1.1E+04 | 1.4E+09 | 8.6E+03 | 1 | | Ethyl Acetate | 141-78-6 | | | | | 3.2E+06 | | 7.9E+03 | 7.9E+03 |
| | | | | 5.0E-03 | P | 8.0E-03 | P | V | | 2.5E+03 | 1.4E+09 | 6.3E+03 | 1 | | Ethyl Acrylate | 140-88-5 | | | | | 1.8E+04 | | 6.7E+02 | 6.4E+02 |
| | | | | | | 1.0E+01 | I | V | | 2.1E+03 | 1.4E+09 | 1.3E+03 | 1 | | Ethyl Chloride (Chloroethane) | 75-00-3 | | | | | | | 1.7E+05 | 1.7E+05 |
| | | | | 2.0E-01 | I | | | V | | 1.0E+04 | 1.4E+09 | 3.1E+03 | 1 | | Ethyl Ether | 60-29-7 | | | | | 7.0E+05 | | | 7.0E+05 |
| | | | | | | 3.0E-01 | P | V | | 1.1E+03 | 1.4E+09 | 5.8E+03 | 1 | | Ethyl Methacrylate | 97-63-2 | | | | | | | 2.3E+04 | 2.3E+04 |
| | | | | 1.0E-05 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Ethyl-p-nitrophenyl Phosphonate | 2104-64-5 | | | | | 3.5E+01 | 8.3E+01 | | 2.5E+01 |
| 1.1E-02 | C | 2.5E-06 | C | 1.0E-01 | I | 1.0E+00 | I | V | | 4.8E+02 | 1.4E+09 | 5.7E+03 | 1 | | Ethylbenzene | 100-41-4 | 3.0E+04 | | 2.8E+03 | 2.5E+03 | 3.5E+05 | | 7.4E+04 | 6.1E+04 |
| | | | | 7.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Ethylene Cyanohydrin | 109-78-4 | | | | | 2.5E+05 | 5.8E+05 | | 1.7E+05 |
| | | | | 9.0E-02 | P | | | V | | 1.9E+05 | 1.4E+09 | 1.8E+05 | 1 | | Ethylene Diamine | 107-15-3 | | | | | 3.2E+05 | | | 3.2E+05 |
| | | | | 2.0E+00 | I | 4.0E-01 | C | | | | 1.4E+09 | | 1 | 0.1 | Ethylene Glycol | 107-21-1 | | | | | 7.0E+06 | 1.7E+07 | 7.1E+09 | 4.9E+06 |
| | | | | 1.0E-01 | I | 1.6E+00 | I | | | | 1.4E+09 | | 1 | 0.1 | Ethylene Glycol Monobutyl Ether | 111-76-2 | | | | | 3.5E+05 | 8.3E+05 | 2.9E+10 | 2.5E+05 |
| 3.1E-01 | C | 3.0E-03 | I | | | 3.0E-02 | C | V | M | 1.2E+05 | 1.4E+09 | 6.1E+03 | 1 | | Ethylene Oxide | 75-21-8 | 1.1E+03 | | 2.5E+00 | 2.5E+00 | | | 2.4E+03 | 2.4E+03 |
| 4.5E-02 | C | 1.3E-05 | C | 8.0E-05 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Ethylene Thiourea | 96-45-7 | 7.3E+03 | 1.7E+04 | 1.3E+08 | 5.1E+03 | 2.8E+02 | 6.6E+02 | | 2.0E+02 |
| 6.5E+01 | C | 1.9E-02 | C | | | | | V | | 1.5E+05 | 1.4E+09 | 2.4E+04 | 1 | | Ethyleneimine | 151-56-4 | 5.0E+00 | | 1.5E+00 | 1.2E+00 | | | | |
| | | | | 3.0E+00 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Ethylphthalyl Ethyl Glycolate | 84-72-0 | | | | | 1.1E+07 | 2.5E+07 | | 7.4E+06 |
| | | | | 2.5E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Fenamiphos | 22224-92-6 | | | | | 8.8E+02 | 2.1E+03 | | 6.2E+02 |
| | | | | 2.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Fenpropathrin | 39515-41-8 | | | | | 8.8E+04 | 2.1E+05 | | 6.2E+04 |
| | | | | 2.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Fenvalerate | 51630-58-1 | | | | | 8.8E+04 | 2.1E+05 | | 6.2E+04 |
| | | | | 1.3E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Fluometuron | 2164-17-2 | | | | | 4.6E+04 | 1.1E+05 | | 3.2E+04 |
| | | | | 4.0E-02 | C | 1.3E-02 | C | | | | 1.4E+09 | | 1 | | Fluoride | 16984-48-8 | | | | | 1.4E+05 | | 2.3E+08 | 1.4E+05 |
| | | | | 6.0E-02 | I | 1.3E-02 | C | | | | 1.4E+09 | | 1 | | Fluorine (Soluble Fluoride) | 7782-41-4 | | | | | 2.1E+05 | | 2.3E+08 | 2.1E+05 |
| | | | | 8.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Fluridone | 59756-60-4 | | | | | 2.8E+05 | 6.6E+05 | | 2.0E+05 |
| | | | | 1.5E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Flurprimidol | 56425-91-3 | | | | | 5.3E+04 | 1.2E+05 | | 3.7E+04 |
| | | | | 2.0E-03 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Flusilazole | 85509-19-9 | | | | | 7.0E+03 | 1.7E+04 | | 4.9E+03 |
| | | | | 5.0E-01 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Flutolanil | 66332-96-5 | | | | | 1.8E+06 | 4.1E+06 | | 1.2E+06 |
| | | | | 1.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Fluvalinate | 69409-94-5 | | | | | 3.5E+04 | 8.3E+04 | | 2.5E+04 |
| | | | | 9.0E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Folpet | 133-07-3 | | | | | 3.2E+05 | 7.5E+05 | | 2.2E+05 |
| | | | | 2.5E-03 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Fomesafen | 72178-02-0 | | | | | 8.8E+03 | 2.1E+04 | | 6.2E+03 |
| | | | | 2.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Fonofos | 944-22-9 | | | | | 7.0E+03 | 1.7E+04 | | 4.9E+03 |
| | | 1.3E-05 | I | 2.0E-01 | I | 9.8E-03 | A | V | | 4.2E+04 | 1.4E+09 | 7.8E+04 | 1 | | Formaldehyde | 50-00-0 | | | 7.3E+03 | 7.3E+03 | 7.0E+05 | | 1.0E+04 | 9.9E+03 |
| | | | | 9.0E-01 | P | 3.0E-04 | X | V | | 1.1E+05 | 1.4E+09 | 9.3E+04 | 1 | | Formic Acid | 64-18-6 | | | | | 3.2E+06 | | 3.7E+02 | 3.7E+02 |
| | | | | 2.5E+00 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Fosetyl-AL | 39148-24-8 | | | | | 8.8E+06 | 2.1E+07 | | 6.2E+06 |
| | | | | | | | | | | | | | | | Furans | | | | | | | | | |
| | | | | 1.0E-03 | X | | | V | | | 1.4E+09 | 1.6E+05 | 1 | 0.03 | ~Dibenzofuran | 132-64-9 | | | | | 3.5E+03 | 2.8E+04 | | 3.1E+03 |
| | | | | 1.0E-03 | I | | | V | | 6.2E+03 | 1.4E+09 | 2.6E+03 | 1 | 0.03 | ~Furan | 110-00-9 | | | | | 3.5E+03 | 2.8E+04 | | 3.1E+03 |
| | | | | 9.0E-01 | I | 2.0E+00 | I | V | | 1.7E+05 | 1.4E+09 | 1.2E+04 | 1 | 0.03 | ~Tetrahydrofuran | 109-99-9 | | | | | 3.2E+06 | 2.5E+07 | 3.1E+05 | 2.8E+05 |
| 3.8E+00 | H | | | | | | | | | | 1.4E+09 | | 1 | 0.1 | Furazolidone | 67-45-8 | 8.6E+01 | 2.0E+02 | | 6.0E+01 | | | | |
| | | | | 3.0E-03 | I | 5.0E-02 | H | V | | 1.0E+04 | 1.4E+09 | 4.9E+04 | 1 | | Furfural | 98-01-1 | | | | | 1.1E+04 | | 3.2E+04 | 7.9E+03 |
| 1.5E+00 | C | 4.3E-04 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Furium | 531-82-8 | 2.2E+02 | 5.2E+02 | 3.9E+06 | 1.5E+02 | | | | |
| 3.0E-02 | I | 8.6E-06 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Furmecyclox | 60568-05-0 | 1.1E+04 | 2.6E+04 | 1.9E+08 | 7.7E+03 | | | | |
| | | | | 6.0E-03 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Glufosinate, Ammonium | 77182-82-2 | | | | | 2.1E+04 | 5.0E+04 | | 1.5E+04 |
| | | | | 1.0E-01 | A | 8.0E-05 | C | | | | 1.4E+09 | | 1 | 0.1 | Glutaraldehyde | 111-30-8 | | | | | 3.5E+05 | 8.3E+05 | 1.4E+06 | 2.1E+05 |
| | | | | 4.0E-04 | I | 1.0E-03 | H | V | | 1.1E+05 | 1.4E+09 | 8.4E+04 | 1 | | Glycidyl | 765-34-4 | | | | | 1.4E+03 | | 1.1E+03 | 6.2E+02 |
| | | | | 1.0E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Glyphosate | 1071-83-6 | | | | | 3.5E+05 | 8.3E+05 | | 2.5E+05 |
| | | | | 1.0E-02 | X | | | V | | | 1.4E+09 | 1.5E+05 | 1 | | Guanidine | 113-00-8 | | | | | 3.5E+04 | | | 3.5E+04 |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer 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 | muta-gen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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 THQ=3 (mg/kg) | Dermal SL THQ=3 (mg/kg) | Inhalation SL THQ=3 (mg/kg) | Noncarcinogenic SL THI=3 (mg/kg) |
| | | | | 2.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Guanidine Chloride | 50-01-1 | | | | | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| | | | | 3.0E-02 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Guanidine Nitrate | 506-93-4 | | | | | 1.1E+05 | 2.5E+05 | | 7.4E+04 |
| | | | | 5.0E-05 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Haloxyfop, Methyl | 69806-40-2 | | | | | 1.8E+02 | 4.1E+02 | | 1.2E+02 |
| 4.5E+00 | I | 1.3E-03 | I | 5.0E-04 | I | | | V | | | 1.4E+09 | 4.8E+05 | 1 | | Heptachlor | 76-44-8 | 7.3E+01 | | 4.5E+02 | 6.3E+01 | 1.8E+03 | | | 1.8E+03 |
| 9.1E+00 | I | 2.6E-03 | I | 1.3E-05 | I | | | V | | | 1.4E+09 | 8.4E+05 | 1 | | Heptachlor Epoxide | 1024-57-3 | 3.6E+01 | | 4.0E+02 | 3.3E+01 | 4.6E+01 | | | 4.6E+01 |
| | | | | | | 3.0E-03 | X | V | | 2.1E+02 | 1.4E+09 | 7.8E+03 | 1 | | Heptanal, n- | 111-71-7 | | | | | | | 3.1E+02 | 3.1E+02 |
| | | | | 3.0E-04 | X | 4.0E-01 | P | V | | 5.8E+01 | 1.4E+09 | 8.9E+02 | 1 | | Heptane, N- | 142-82-5 | | | | | 1.1E+03 | | 4.7E+03 | 8.6E+02 |
| | | | | 2.0E-03 | I | | | V | | | 1.4E+09 | 3.8E+05 | 1 | | Hexabromobenzene | 87-82-1 | | | | | 7.0E+03 | | | 7.0E+03 |
| | | | | 2.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153) | 68631-49-2 | | | | | 7.0E+02 | 1.7E+03 | | 4.9E+02 |
| 1.6E+00 | I | 4.6E-04 | I | 8.0E-04 | I | | | V | | | 1.4E+09 | 6.8E+04 | 1 | | Hexachlorobenzene | 118-74-1 | 2.0E+02 | | 1.8E+02 | 9.6E+01 | 2.8E+03 | | | 2.8E+03 |
| 7.8E-02 | I | 2.2E-05 | I | 1.0E-03 | P | | | V | | 1.7E+01 | 1.4E+09 | 1.1E+04 | 1 | | Hexachlorobutadiene | 87-68-3 | 4.2E+03 | | 6.0E+02 | 5.3E+02 | 3.5E+03 | | | 3.5E+03 |
| 6.3E+00 | I | 1.8E-03 | I | 8.0E-03 | A | | | | | | 1.4E+09 | | 1 | 0.1 | Hexachlorocyclohexane, Alpha- | 319-84-6 | 5.2E+01 | 1.2E+02 | 9.3E+05 | 3.6E+01 | 2.8E+04 | 6.6E+04 | | 2.0E+04 |
| 1.8E+00 | I | 5.3E-04 | I | | | | | | | | 1.4E+09 | | 1 | 0.1 | Hexachlorocyclohexane, Beta- | 319-85-7 | 1.8E+02 | 4.3E+02 | 3.1E+06 | 1.3E+02 | | | | |
| 1.1E+00 | C | 3.1E-04 | C | 3.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.04 | Hexachlorocyclohexane, Gamma- (Lindane) | 58-89-9 | 3.0E+02 | 1.8E+03 | 5.4E+06 | 2.5E+02 | 1.1E+03 | 6.2E+03 | | 9.0E+02 |
| 1.8E+00 | I | 5.1E-04 | I | | | | | | | | 1.4E+09 | | 1 | 0.1 | Hexachlorocyclohexane, Technical | 608-73-1 | 1.8E+02 | 4.3E+02 | 3.3E+06 | 1.3E+02 | | | | |
| | | | | 6.0E-03 | I | 2.0E-04 | I | V | | 1.6E+01 | 1.4E+09 | 8.5E+03 | 1 | | Hexachlorocyclopentadiene | 77-47-4 | | | | | 2.1E+04 | | 2.2E+01 | 2.2E+01 |
| 4.0E-02 | I | 1.1E-05 | C | 7.0E-04 | I | 3.0E-02 | I | V | | | 1.4E+09 | 8.0E+03 | 1 | | Hexachloroethane | 67-72-1 | 8.2E+03 | | 8.9E+02 | 8.0E+02 | 2.5E+03 | | 3.2E+03 | 1.4E+03 |
| | | | | 3.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Hexachlorophene | 70-30-4 | | | | | 1.1E+03 | 2.5E+03 | | 7.4E+02 |
| 1.1E-01 | I | | | 3.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.015 | Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) | 121-82-4 | 3.0E+03 | 4.7E+04 | | 2.8E+03 | 1.1E+04 | 1.7E+05 | | 9.9E+03 |
| | | | | | | 1.0E-05 | I | V | | 3.4E+03 | 1.4E+09 | 3.0E+05 | 1 | | Hexamethylene Diisocyanate, 1,6- | 822-06-0 | | | | | | | 3.9E+01 | 3.9E+01 |
| | | | | 4.0E-04 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Hexamethylphosphoramide | 680-31-9 | | | | | 1.4E+03 | 3.3E+03 | | 9.8E+02 |
| | | | | | | 7.0E-01 | I | V | | 1.4E+02 | 1.4E+09 | 8.3E+02 | 1 | | Hexane, N- | 110-54-3 | | | | | | | 7.6E+03 | 7.6E+03 |
| | | | | 2.0E+00 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Hexanedioic Acid | 124-04-9 | | | | | 7.0E+06 | 1.7E+07 | | 4.9E+06 |
| | | | | 5.0E-03 | I | 3.0E-02 | I | V | | 3.3E+03 | 1.4E+09 | 1.3E+04 | 1 | | Hexanone, 2- | 591-78-6 | | | | | 1.8E+04 | | 5.2E+03 | 4.0E+03 |
| | | | | 3.3E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Hexazinone | 51235-04-2 | | | | | 1.2E+05 | 2.7E+05 | | 8.1E+04 |
| | | | | 2.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Hexythiazox | 78587-05-0 | | | | | 8.8E+04 | 2.1E+05 | | 6.2E+04 |
| | | | | 1.7E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Hydramethylnon | 67485-29-4 | | | | | 6.0E+04 | 1.4E+05 | | 4.2E+04 |
| 3.0E+00 | I | 4.9E-03 | I | | | 3.0E-05 | P | V | | | 1.4E+09 | | 1 | | Hydrazine | 302-01-2 | 1.1E+02 | | 3.4E+05 | 1.1E+02 | | | 5.4E+05 | 5.4E+05 |
| 3.0E+00 | I | 4.9E-03 | I | | | | | | | | 1.4E+09 | | 1 | | Hydrazine Sulfate | 10034-93-2 | 1.1E+02 | | 3.4E+05 | 1.1E+02 | | | | |
| | | | | | | 2.0E-02 | I | V | | | 1.4E+09 | | 1 | | Hydrogen Chloride | 7647-01-0 | | | | | | | 3.6E+08 | 3.6E+08 |
| | | | | 4.0E-02 | C | 1.4E-02 | C | V | | | 1.4E+09 | | 1 | | Hydrogen Fluoride | 7664-39-3 | | | | | 1.4E+05 | | 2.5E+08 | 1.4E+05 |
| | | | | | | 2.0E-03 | I | V | | | 1.4E+09 | | 1 | | Hydrogen Sulfide | 7783-06-4 | | | | | | | 3.6E+07 | 3.6E+07 |
| 6.0E-02 | P | | | 4.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Hydroquinone | 123-31-9 | 5.5E+03 | 1.3E+04 | | 3.8E+03 | 1.4E+05 | 3.3E+05 | | 9.8E+04 |
| 6.1E-02 | O | | | 2.5E-03 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Imazalil | 35554-44-0 | 5.4E+03 | 1.3E+04 | | 3.8E+03 | 8.8E+03 | 2.1E+04 | | 6.2E+03 |
| | | | | 2.5E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Imazaquin | 81335-37-7 | | | | | 8.8E+05 | 2.1E+06 | | 6.2E+05 |
| | | | | 2.5E+00 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Imazethapyr | 81335-77-5 | | | | | 8.8E+06 | 2.1E+07 | | 6.2E+06 |
| | | | | 1.0E-02 | A | | | | | | 1.4E+09 | | 1 | | Iodine | 7553-56-2 | | | | | 3.5E+04 | | | 3.5E+04 |
| | | | | 4.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Iprodione | 36734-19-7 | | | | | 1.4E+05 | 3.3E+05 | | 9.8E+04 |
| | | | | 7.0E-01 | P | | | | | | 1.4E+09 | | 1 | | Iron | 7439-89-6 | | | | | 2.5E+06 | | | 2.5E+06 |
| | | | | 3.0E-01 | I | | | V | | 1.0E+04 | 1.4E+09 | 2.8E+04 | 1 | | Isobutyl Alcohol | 78-83-1 | | | | | 1.1E+06 | | | 1.1E+06 |
| 9.5E-04 | I | | | 2.0E-01 | I | 2.0E+00 | C | | | | 1.4E+09 | | 1 | 0.1 | Isophorone | 78-59-1 | 3.4E+05 | 8.1E+05 | | 2.4E+05 | 7.0E+05 | 1.7E+06 | 3.6E+10 | 4.9E+05 |
| | | | | 1.5E-02 | I | | | V | | | 1.4E+09 | 4.2E+05 | 1 | | Isopropalin | 33820-53-0 | | | | | 5.3E+04 | | | 5.3E+04 |
| | | | | 2.0E+00 | P | 2.0E-01 | P | V | | 1.1E+05 | 1.4E+09 | 2.8E+04 | 1 | | Isopropanol | 67-63-0 | | | | | 7.0E+06 | | 7.3E+04 | 7.2E+04 |
| | | | | 1.0E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Isopropyl Methyl Phosphonic Acid | 1832-54-8 | | | | | 3.5E+05 | 8.3E+05 | | 2.5E+05 |
| | | | | 5.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Isoxaben | 82558-50-7 | | | | | 1.8E+05 | 4.1E+05 | | 1.2E+05 |
| | | | | | | 3.0E-01 | A | V | | | 1.4E+09 | | 1 | | JP-7 | E1737665 | | | | | | | 5.4E+09 | 5.4E+09 |
| | | | | 8.0E-03 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Lactofen | 77501-63-4 | | | | | 2.8E+04 | 6.6E+04 | | 2.0E+04 |
| | | | | 2.0E-04 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Lactonitrile | 78-97-7 | | | | | 7.0E+02 | 1.7E+03 | | 4.9E+02 |
| | | | | | | | | | | | | | | | Lead Compounds | | | | | | | | | |
| 8.5E-03 | C | 1.2E-05 | C | | | | | | | | 1.4E+09 | | 1 | | ~Lead Phosphate | 7446-27-7 | 3.8E+04 | | 1.4E+08 | 3.8E+04 | | | | |
| 8.5E-03 | C | 1.2E-05 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | ~Lead acetate | 301-04-2 | 3.8E+04 | 9.1E+04 | 1.4E+08 | 2.7E+04 | | | | |
| | | | | | | | | | | | 1.4E+09 | | 1 | | ~Lead and Compounds | 7439-92-1 | | | | | | | | 8.0E+02 |
| 8.5E-03 | C | 1.2E-05 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | ~Lead subacetate | 1335-32-6 | 3.8E+04 | 9.1E+04 | 1.4E+08 | 2.7E+04 | | | | |
| | | | | 1.0E-07 | I | | | V | | 2.4E+00 | 1.4E+09 | 1.9E+03 | 1 | | ~Tetraethyl Lead | 78-00-2 | | | | | 3.5E-01 | | | 3.5E-01 |
| | | | | 5.0E-06 | P | | | V | | 3.8E+02 | 1.4E+09 | 2.6E+04 | 1 | | Lewisite | 541-25-3 | | | | | 1.8E+01 | | | 1.8E+01 |
| | | | | 7.7E-03 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Linuron | 330-55-2 | | | | | 2.7E+04 | 6.4E+04 | | 1.9E+04 |
| | | | | 2.0E-03 | P | | | | | | 1.4E+09 | | 1 | | Lithium | 7439-93-2 | | | | | 7.0E+03 | | | 7.0E+03 |
| | | | | 5.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | MCPA | 94-74-6 | | | | | 1.8E+03 | 4.1E+03 | | 1.2E+03 |
| | | | | 4.4E-03 | O | | | | | | 1.4E+09 | | 1 | 0.1 | MCPB | 94-81-5 | | | | | 1.5E+04 | 3.6E+04 | | 1.1E+04 |
| | | | | 1.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | MCPP | 93-65-2 | | | | | 3.5E+03 | 8.3E+03 | | 2.5E+03 |
| | | | | 2.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Malathion | 121-75-5 | | | | | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| | | | | 1.0E-01 | I | 7.0E-04 | C | | | | 1.4E+09 | | 1 | 0.1 | Maleic Anhydride | 108-31-6 | | | | | 3.5E+05 | 8.3E+05 | 1.3E+07 | 2.4E+05 |
| | | | | 5.0E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Maleic Hydrazide | 123-33-1 | | | | | 1.8E+06 | 4.1E+06 | | 1.2E+06 |
| | | | | 1.0E-04 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Malononitrile | 109-77-3 | | | | | 3.5E+02 | 8.3E+02 | | 2.5E+02 |
| | | | | 3.0E-02 | H | | | | | | 1.4E+09 | | 1 | 0.1 | Mancozeb | 8018-01-7 | | | | | 1.1E+05 | 2.5E+05 | | 7.4E+04 |
| | | | | 5.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Maneb | 12427-38-2 | | | | | 1.8E+04 | 4.1E+04 | | 1.2E+04 |
| | | | | 1.4E-01 | I | 5.0E-05 | I | | | | | | 1 | | Manganese (Diet) | 7439-96-5 | | | | | | | | |
| | | | | 2.4E-02 | S | 5.0E-05 | I | | | | 1.4E+09 | | 0.04 | | Manganese (Non-diet) | 7439-96-5 | | | | | 8.4E+04 | | 8.9E+05 | 7.7E+04 |
| | | | | 9.0E-05 | H | | | | | | 1.4E+09 | | 1 | 0.1 | Mephosfolan | 950-10-7 | | | | | 3.2E+02 | 7.5E+02 | | 2.2E+02 |
| | | | | 3.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Mepiquat Chloride | 24307-26-4 | | | | | 1.1E+05 | 2.5E+05 | | 7.4E+04 |

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Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer 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 | volatile | mutagen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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 THQ=3 (mg/kg) | Dermal SL THQ=3 (mg/kg) | Inhalation SL THQ=3 (mg/kg) | Noncarcinogenic SL THI=3 (mg/kg) |
| 1.1E-02 | P | | | 4.0E-03 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Mercaptobenzothiazole, 2- | 149-30-4 | 3.0E+04 | 7.0E+04 | | 2.1E+04 | 1.4E+04 | 3.3E+04 | | 9.8E+03 |
| | | | | | | | | | | | | | | | Mercury Compounds | | | | | | | | | |
| | | | | 3.0E-04 | I | 3.0E-04 | S | | | | 1.4E+09 | | 0.07 | | ~Mercuric Chloride (and other Mercury salts) | 7487-94-7 | | | | | 1.1E+03 | | 5.4E+06 | 1.1E+03 |
| | | | | | | 3.0E-04 | I | V | | 3.1E+00 | 1.4E+09 | 3.5E+04 | 1 | | ~Mercury (elemental) | 7439-97-6 | | | | | | | 1.4E+02 | 1.4E+02 |
| | | | | 1.0E-04 | I | | | | | | 1.4E+09 | | 1 | | ~Methyl Mercury | 22967-92-6 | | | | | 3.5E+02 | | | 3.5E+02 |
| | | | | 8.0E-05 | I | | | | | | 1.4E+09 | | 1 | 0.1 | ~Phenylmercuric Acetate | 62-38-4 | | | | | 2.8E+02 | 6.6E+02 | | 2.0E+02 |
| | | | | 3.0E-05 | I | | | V | | | 1.4E+09 | 1.9E+06 | 1 | | Merphos | 150-50-5 | | | | | 1.1E+02 | | | 1.1E+02 |
| | | | | 1.0E-04 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Merphos Oxide | 78-48-8 | | | | | 3.5E+02 | 8.3E+02 | | 2.5E+02 |
| | | | | 6.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Metalaxyl | 57837-19-1 | | | | | 2.1E+05 | 5.0E+05 | | 1.5E+05 |
| | | | | 1.0E-04 | I | 3.0E-02 | P | V | | 4.6E+03 | 1.4E+09 | 6.8E+03 | 1 | | Methacrylonitrile | 126-98-7 | | | | | 3.5E+02 | | 2.7E+03 | 3.1E+02 |
| | | | | 5.0E-05 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Methamidophos | 10265-92-6 | | | | | 1.8E+02 | 4.1E+02 | | 1.2E+02 |
| | | | | 2.0E+00 | I | 2.0E+01 | I | V | | 1.1E+05 | 1.4E+09 | 2.9E+04 | 1 | | Methanol | 67-56-1 | | | | | 7.0E+06 | | 7.6E+06 | 3.7E+06 |
| | | | | 1.5E-03 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Methidathion | 950-37-8 | | | | | 5.3E+03 | 1.2E+04 | | 3.7E+03 |
| | | | | 2.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Methomyl | 16752-77-5 | | | | | 8.8E+04 | 2.1E+05 | | 6.2E+04 |
| 4.9E-02 | C | 1.4E-05 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Methoxy-5-nitroaniline, 2- | 99-59-2 | 6.7E+03 | 1.6E+04 | 1.2E+08 | 4.7E+03 | | | | |
| | | | | 5.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Methoxychlor | 72-43-5 | | | | | 1.8E+04 | 4.1E+04 | | 1.2E+04 |
| | | | | 8.0E-03 | P | 1.0E-03 | P | V | | 1.2E+05 | 1.4E+09 | 1.2E+05 | 1 | | Methoxyethanol Acetate, 2- | 110-49-6 | | | | | 2.8E+04 | | 1.6E+03 | 1.5E+03 |
| | | | | 5.0E-03 | P | 2.0E-02 | I | V | | 1.1E+05 | 1.4E+09 | 1.0E+05 | 1 | | Methoxyethanol, 2- | 109-86-4 | | | | | 1.8E+04 | | 2.7E+04 | 1.1E+04 |
| | | | | 1.0E+00 | X | | | V | | 2.9E+04 | 1.4E+09 | 8.1E+03 | 1 | | Methyl Acetate | 79-20-9 | | | | | 3.5E+06 | | | 3.5E+06 |
| | | | | | | 2.0E-02 | P | V | | 6.8E+03 | 1.4E+09 | 7.0E+03 | 1 | | Methyl Acrylate | 96-33-3 | | | | | | | 1.8E+03 | 1.8E+03 |
| | | | | 6.0E-01 | I | 5.0E+00 | I | V | | 2.8E+04 | 1.4E+09 | 1.2E+04 | 1 | | Methyl Ethyl Ketone (2-Butanone) | 78-93-3 | | | | | 2.1E+06 | | 8.0E+05 | 5.8E+05 |
| | | 1.0E-03 | X | 1.0E-03 | P | 2.0E-05 | X | V | | 1.8E+05 | 1.4E+09 | 5.0E+04 | 1 | | Methyl Hydrazine | 60-34-4 | | | 6.2E+01 | 6.2E+01 | 3.5E+03 | | 1.3E+01 | 1.3E+01 |
| | | | | | | 3.0E+00 | I | V | | 3.4E+03 | 1.4E+09 | 1.1E+04 | 1 | | Methyl Isobutyl Ketone (4-methyl-2-pentanone) | 108-10-1 | | | | | | | 4.2E+05 | 4.2E+05 |
| | | | | | | 1.0E-03 | C | V | | 1.0E+04 | 1.4E+09 | 4.4E+03 | 1 | | Methyl Isocyanate | 624-83-9 | | | | | | | 5.8E+01 | 5.8E+01 |
| | | | | 1.4E+00 | I | 7.0E-01 | I | V | | 2.4E+03 | 1.4E+09 | 6.3E+03 | 1 | | Methyl Methacrylate | 80-62-6 | | | | | 4.9E+06 | | 5.8E+04 | 5.8E+04 |
| | | | | 2.5E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Methyl Parathion | 298-00-0 | | | | | 8.8E+02 | 2.1E+03 | | 6.2E+02 |
| | | | | 6.0E-02 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Methyl Phosphonic Acid | 993-13-5 | | | | | 2.1E+05 | 5.0E+05 | | 1.5E+05 |
| | | | | 6.0E-03 | H | 4.0E-02 | H | V | | 3.9E+02 | 1.4E+09 | 2.4E+04 | 1 | | Methyl Styrene (Mixed Isomers) | 25013-15-4 | | | | | 2.1E+04 | | 1.3E+04 | 7.9E+03 |
| 9.9E-02 | C | 2.8E-05 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Methyl methanesulfonate | 66-27-3 | 3.3E+03 | 7.8E+03 | 6.0E+07 | 2.3E+03 | | | | |
| 1.8E-03 | C | 2.6E-07 | C | | | 3.0E+00 | I | V | | 8.9E+03 | 1.4E+09 | 4.9E+03 | 1 | | Methyl tert-Butyl Ether (MTBE) | 1634-04-4 | 1.8E+05 | | 2.3E+04 | 2.1E+04 | | | 1.9E+05 | 1.9E+05 |
| | | | | 3.0E-04 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Methyl-1,4-benzenediamine dihydrochloride, 2- | 615-45-2 | | | | | 1.1E+03 | 2.5E+03 | | 7.4E+02 |
| | | | | | | 3.0E+00 | X | V | | 2.5E+03 | 1.4E+09 | 1.7E+04 | 1 | | Methyl-2-Pentanol, 4- | 108-11-2 | | | | | | | 6.8E+05 | 6.8E+05 |
| 9.0E-03 | P | | | 2.0E-02 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Methyl-5-Nitroaniline, 2- | 99-55-8 | 3.6E+04 | 8.6E+04 | | 2.6E+04 | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| 8.3E+00 | C | 2.4E-03 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Methyl-N-nitro-N-nitrosoguanidine, N- | 70-25-7 | 3.9E+01 | 9.3E+01 | 6.9E+05 | 2.8E+01 | | | | |
| 1.3E-01 | C | 3.7E-05 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Methylaniline Hydrochloride, 2- | 636-21-5 | 2.5E+03 | 5.9E+03 | 4.5E+07 | 1.8E+03 | | | | |
| | | | | 1.0E-02 | A | | | | | | 1.4E+09 | | 1 | 0.1 | Methylarsonic acid | 124-58-3 | | | | | 3.5E+04 | 8.3E+04 | | 2.5E+04 |
| | | | | 2.0E-04 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Methylbenzene,1-4-diamine monohydrochloride, 2- | 74612-12-7 | | | | | 7.0E+02 | 1.7E+03 | | 4.9E+02 |
| 1.0E-01 | X | | | 3.0E-04 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Methylbenzene-1,4-diamine sulfate, 2- | 615-50-9 | 3.3E+03 | 7.7E+03 | | 2.3E+03 | 1.1E+03 | 2.5E+03 | | 7.4E+02 |
| 2.2E+01 | C | 6.3E-03 | C | | | | | | M | | 1.4E+09 | | 1 | 0.1 | Methylcholanthrene, 3- | 56-49-5 | 1.5E+01 | 3.5E+01 | 2.6E+05 | 1.0E+01 | | | | |
| 2.0E-03 | I | 1.0E-08 | I | 6.0E-03 | I | 6.0E-01 | I | V | M | 3.3E+03 | 1.4E+09 | 2.2E+03 | 1 | | Methylene Chloride | 75-09-2 | 1.6E+05 | | 2.7E+05 | 1.0E+05 | 2.1E+04 | | 1.7E+04 | 9.5E+03 |
| 1.0E-01 | P | 4.3E-04 | C | 2.0E-03 | P | | | | M | | 1.4E+09 | | 1 | 0.1 | Methylene-bis(2-chloroaniline), 4,4'- | 101-14-4 | 3.3E+03 | 7.7E+03 | 3.9E+06 | 2.3E+03 | 7.0E+03 | 1.7E+04 | | 4.9E+03 |
| 4.6E-02 | I | 1.3E-05 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Methylene-bis(N,N-dimethyl) Aniline, 4,4'- | 101-61-1 | 7.1E+03 | 1.7E+04 | 1.3E+08 | 5.0E+03 | | | | |
| 1.6E+00 | C | 4.6E-04 | C | | | 2.0E-02 | C | | | | 1.4E+09 | | 1 | 0.1 | Methylenebisbenzenamine, 4,4'- | 101-77-9 | 2.0E+02 | 4.8E+02 | 3.6E+06 | 1.4E+02 | | | 3.6E+08 | 3.6E+08 |
| | | | | | | 6.0E-04 | I | | | | 1.4E+09 | | 1 | 0.1 | Methylenediphenyl Diisocyanate | 101-68-8 | | | | | | | 1.1E+07 | 1.1E+07 |
| | | | | 7.0E-02 | H | | | V | | 5.0E+02 | 1.4E+09 | 1.3E+04 | 1 | | Methylstyrene, Alpha- | 98-83-9 | | | | | 2.5E+05 | | | 2.5E+05 |
| | | | | 1.5E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Metolachlor | 51218-45-2 | | | | | 5.3E+05 | 1.2E+06 | | 3.7E+05 |
| | | | | 2.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Metribuzin | 21087-64-9 | | | | | 8.8E+04 | 2.1E+05 | | 6.2E+04 |
| | | | | 2.5E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Metsulfuron-methyl | 74223-64-6 | | | | | 8.8E+05 | 2.1E+06 | | 6.2E+05 |
| | | | | 3.0E+00 | P | | | V | | 3.4E-01 | 1.4E+09 | 1.4E+03 | 1 | | Mineral oils | 8012-95-1 | | | | | 1.1E+07 | | | 1.1E+07 |
| 1.8E+01 | C | 5.1E-03 | C | 2.0E-04 | I | | | V | | | 1.4E+09 | 8.6E+05 | 1 | | Mirex | 2385-85-5 | 1.8E+01 | | 2.1E+02 | 1.7E+01 | 7.0E+02 | | | 7.0E+02 |
| | | | | 2.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Molinate | 2212-67-1 | | | | | 7.0E+03 | 1.7E+04 | | 4.9E+03 |
| | | | | 5.0E-03 | I | | | | | | 1.4E+09 | | 1 | | Molybdenum | 7439-98-7 | | | | | 1.8E+04 | | | 1.8E+04 |
| | | | | 1.0E-01 | I | | | | | | 1.4E+09 | | 1 | | Monochloramine | 10599-90-3 | | | | | 3.5E+05 | | | 3.5E+05 |
| | | | | 2.0E-03 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Monomethylaniline | 100-61-8 | | | | | 7.0E+03 | 1.7E+04 | | 4.9E+03 |
| | | | | 2.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Myclobutanil | 88671-89-0 | | | | | 8.8E+04 | 2.1E+05 | | 6.2E+04 |
| | | | | 3.0E-04 | X | | | | | | 1.4E+09 | | 1 | 0.1 | N,N'-Diphenyl-1,4-benzenediamine | 74-31-7 | | | | | 1.1E+03 | 2.5E+03 | | 7.4E+02 |
| | | | | 2.0E-03 | I | | | V | | | 1.4E+09 | 5.7E+04 | 1 | | Naled | 300-76-5 | | | | | 7.0E+03 | | | 7.0E+03 |
| | | | | 3.0E-02 | X | 1.0E-01 | P | V | | | 1.4E+09 | | 1 | | Naphtha, High Flash Aromatic (HFAN) | 64742-95-6 | | | | | 1.1E+05 | | 1.8E+09 | 1.1E+05 |
| 1.8E+00 | C | 0.0E+00 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Naphthylamine, 2- | 91-59-8 | 1.8E+02 | 4.3E+02 | | 1.3E+02 | | | | |
| | | | | 1.2E-01 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Napropamide | 15299-99-7 | | | | | 4.2E+05 | 9.9E+05 | | 3.0E+05 |
| | | 2.6E-04 | C | 1.1E-02 | C | 1.4E-05 | C | | | | 1.4E+09 | | 1 | 0.1 | Nickel Acetate | 373-02-4 | | | 6.4E+06 | 6.4E+06 | 3.9E+04 | 9.1E+04 | 2.5E+05 | 2.4E+04 |
| | | 2.6E-04 | C | 1.1E-02 | C | 1.4E-05 | C | | | | 1.4E+09 | | 1 | 0.1 | Nickel Carbonate | 3333-67-3 | | | 6.4E+06 | 6.4E+06 | 3.9E+04 | 9.1E+04 | 2.5E+05 | 2.4E+04 |
| | | 2.6E-04 | C | 1.1E-02 | C | 1.4E-05 | C | V | | | 1.4E+09 | | 1 | | Nickel Carbonyl | 13463-39-3 | | | 6.4E+06 | 6.4E+06 | 3.9E+04 | | 2.5E+05 | 3.3E+04 |
| | | 2.6E-04 | C | 1.1E-02 | C | 1.4E-05 | C | | | | 1.4E+09 | | 0.04 | | Nickel Hydroxide | 12054-48-7 | | | 6.4E+06 | 6.4E+06 | 3.9E+04 | | 2.5E+05 | 3.3E+04 |
| | | 2.6E-04 | C | 1.1E-02 | C | 2.0E-05 | C | | | | 1.4E+09 | | 0.04 | | Nickel Oxide | 1313-99-1 | | | 6.4E+06 | 6.4E+06 | 3.9E+04 | | 3.6E+05 | 3.5E+04 |
| | | 2.4E-04 | I | 1.1E-02 | C | 1.4E-05 | C | | | | 1.4E+09 | | 0.04 | | Nickel Refinery Dust | E715532 | | | 6.9E+06 | 6.9E+06 | 3.9E+04 | | 2.5E+05 | 3.3E+04 |
| | | 2.6E-04 | C | 2.0E-02 | I | 9.0E-05 | A | | | | 1.4E+09 | | 0.04 | | Nickel Soluble Salts | 7440-02-0 | | | 6.4E+06 | 6.4E+06 | 7.0E+04 | | 1.6E+06 | 6.7E+04 |
| 1.7E+00 | C | 4.8E-04 | I | 1.1E-02 | C | 1.4E-05 | C | | | | 1.4E+09 | | 0.04 | | Nickel Subsulfide | 12035-72-2 | 1.9E+02 | | 3.5E+06 | 1.9E+02 | 3.9E+04 | | 2.5E+05 | 3.3E+04 |
| | | 2.6E-04 | C | 1.1E-02 | C | 1.4E-05 | C | | | | 1.4E+09 | | 1 | 0.1 | Nickelocene | 1271-28-9 | | | 6.4E+06 | 6.4E+06 | 3.9E+04 | 9.1E+04 | 2.5E+05 | 2.4E+04 |
| | | | | 1.6E+00 | I | | | | | | 1.4E+09 | | 1 | | Nitrate | 14797-55-8 | | | | | 5.6E+06 | | | 5.6E+06 |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer 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 | muta-gen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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 THQ=3 (mg/kg) | Dermal SL THQ=3 (mg/kg) | Inhalation SL THQ=3 (mg/kg) | Noncarcinogenic SL THI=3 (mg/kg) |
| | | | | | | | | | | | 1.4E+09 | | 1 | | Nitrate + Nitrite (as N) | E701177 | | | | | | | | |
| | | | | 1.0E-01 | I | | | | | | 1.4E+09 | | 1 | | Nitrite | 14797-65-0 | | | | | 3.5E+05 | | | 3.5E+05 |
| | | | | 1.0E-02 | X | 5.0E-05 | X | | | | 1.4E+09 | | 1 | 0.1 | Nitroaniline, 2- | 88-74-4 | | | | | 3.5E+04 | 8.3E+04 | 8.9E+05 | 2.4E+04 |
| 2.0E-02 | P | | | 4.0E-03 | P | 6.0E-03 | P | | | | 1.4E+09 | | 1 | 0.1 | Nitroaniline, 4- | 100-01-6 | 1.6E+04 | 3.9E+04 | | 1.1E+04 | 1.4E+04 | 3.3E+04 | 1.1E+08 | 9.8E+03 |
| | | 4.0E-05 | I | 2.0E-03 | I | 9.0E-03 | I | V | | 3.1E+03 | 1.4E+09 | 7.3E+04 | 1 | | Nitrobenzene | 98-95-3 | | | 2.2E+03 | 2.2E+03 | 7.0E+03 | | 8.7E+03 | 3.9E+03 |
| | | | | 3.0E+03 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Nitrocellulose | 9004-70-0 | | | | | 1.1E+10 | 2.5E+10 | | 7.4E+09 |
| | | | | 7.0E-02 | H | | | | | | 1.4E+09 | | 1 | 0.1 | Nitrofurantoin | 67-20-9 | | | | | 2.5E+05 | 5.8E+05 | | 1.7E+05 |
| 1.3E+00 | C | 3.7E-04 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Nitrofurazone | 59-87-0 | 2.5E+02 | 5.9E+02 | 4.5E+06 | 1.8E+02 | | | | |
| 1.7E-02 | P | | | 1.0E-04 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Nitroglycerin | 55-63-0 | 1.9E+04 | 4.5E+04 | | 1.4E+04 | 3.5E+02 | 8.3E+02 | | 2.5E+02 |
| | | | | 1.0E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Nitroguanidine | 556-88-7 | | | | | 3.5E+05 | 8.3E+05 | | 2.5E+05 |
| | | 8.8E-06 | P | | | 5.0E-03 | P | V | | 1.8E+04 | 1.4E+09 | 1.7E+04 | 1 | | Nitromethane | 75-52-5 | | | 2.4E+03 | 2.4E+03 | | | 1.1E+03 | 1.1E+03 |
| | | 2.7E-03 | H | | | 2.0E-02 | I | V | | 4.9E+03 | 1.4E+09 | 1.3E+04 | 1 | | Nitropropane, 2- | 79-46-9 | | | 6.0E+00 | 6.0E+00 | | | 3.5E+03 | 3.5E+03 |
| 2.7E+01 | C | 7.7E-03 | C | | | | | | M | | 1.4E+09 | | 1 | 0.1 | Nitroso-N-ethylurea, N- | 759-73-9 | 1.2E+01 | 2.9E+01 | 2.2E+05 | 8.5E+00 | | | | |
| 1.2E+02 | C | 3.4E-02 | C | | | | | | M | | 1.4E+09 | | 1 | 0.1 | Nitroso-N-methylurea, N- | 684-93-5 | 2.7E+00 | 6.4E+00 | 4.9E+04 | 1.9E+00 | | | | |
| 5.4E+00 | I | 1.6E-03 | I | | | | | V | | | 1.4E+09 | 2.4E+05 | 1 | | Nitroso-di-N-butylamine, N- | 924-16-3 | 6.1E+01 | | 1.9E+02 | 4.6E+01 | | | | |
| 7.0E+00 | I | 2.0E-03 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Nitroso-di-N-propylamine, N- | 621-64-7 | 4.7E+01 | 1.1E+02 | 8.3E+05 | 3.3E+01 | | | | |
| 2.8E+00 | I | 8.0E-04 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Nitrosodiethanolamine, N- | 1116-54-7 | 1.2E+02 | 2.8E+02 | 2.1E+06 | 8.2E+01 | | | | |
| 1.5E+02 | I | 4.3E-02 | I | | | | | | M | | 1.4E+09 | | 1 | 0.1 | Nitrosodiethylamine, N- | 55-18-5 | 2.2E+00 | 5.2E+00 | 3.9E+04 | 1.5E+00 | | | | |
| 5.1E+01 | I | 1.4E-02 | I | 8.0E-06 | P | 4.0E-05 | X | V | M | 2.4E+05 | 1.4E+09 | 8.2E+04 | 1 | | Nitrosodimethylamine, N- | 62-75-9 | 6.4E+00 | | 7.2E+00 | 3.4E+00 | 2.8E+01 | | 4.3E+01 | 1.7E+01 |
| 4.9E-03 | I | 2.6E-06 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Nitrosodiphenylamine, N- | 86-30-6 | 6.7E+04 | 1.6E+05 | 6.4E+08 | 4.7E+04 | | | | |
| 2.2E+01 | I | 6.3E-03 | C | | | | | V | | 1.1E+05 | 1.4E+09 | 1.2E+05 | 1 | | Nitrosomethylethylamine, N- | 10595-95-6 | 1.5E+01 | | 2.4E+01 | 9.1E+00 | | | | |
| 6.7E+00 | C | 1.9E-03 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Nitrosomorpholine [N-] | 59-89-2 | 4.9E+01 | 1.2E+02 | 8.8E+05 | 3.4E+01 | | | | |
| 9.4E+00 | C | 2.7E-03 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Nitrosopiperidine [N-] | 100-75-4 | 3.5E+01 | 8.2E+01 | 6.2E+05 | 2.4E+01 | | | | |
| 2.1E+00 | I | 6.1E-04 | I | | | | | | | | 1.4E+09 | | 1 | 0.1 | Nitrosopyrrolidine, N- | 930-55-2 | 1.6E+02 | 3.7E+02 | 2.7E+06 | 1.1E+02 | | | | |
| | | | | 1.0E-04 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Nitrotoluene, m- | 99-08-1 | | | | | 3.5E+02 | 8.3E+02 | | 2.5E+02 |
| 2.2E-01 | P | | | 9.0E-04 | P | | | V | | 1.5E+03 | 1.4E+09 | 1.4E+05 | 1 | | Nitrotoluene, o- | 88-72-2 | 1.5E+03 | | | 1.5E+03 | 3.2E+03 | | | 3.2E+03 |
| 1.6E-02 | P | | | 4.0E-03 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Nitrotoluene, p- | 99-99-0 | 2.0E+04 | 4.8E+04 | | 1.4E+04 | 1.4E+04 | 3.3E+04 | | 9.8E+03 |
| | | | | 3.0E-04 | X | 2.0E-02 | P | V | | 6.9E+00 | 1.4E+09 | 1.0E+03 | 1 | | Nonane, n- | 111-84-2 | | | | | 1.1E+03 | | 2.7E+02 | 2.2E+02 |
| | | | | 1.5E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Norflurazon | 27314-13-2 | | | | | 5.3E+04 | 1.2E+05 | | 3.7E+04 |
| | | | | 3.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Octabromodiphenyl Ether | 32536-52-0 | | | | | 1.1E+04 | 2.5E+04 | | 7.4E+03 |
| | | | | 5.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.006 | Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX) | 2691-41-0 | | | | | 1.8E+05 | 6.9E+06 | | 1.7E+05 |
| | | | | 2.0E-03 | H | | | | | | 1.4E+09 | | 1 | 0.1 | Octamethylpyrophosphoramide | 152-16-9 | | | | | 7.0E+03 | 1.7E+04 | | 4.9E+03 |
| 7.8E-03 | O | | | 1.4E-01 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Oryzalin | 19044-88-3 | 4.2E+04 | 9.9E+04 | | 2.9E+04 | 4.9E+05 | 1.2E+06 | | 3.4E+05 |
| | | | | 5.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Oxadiazon | 19666-30-9 | | | | | 1.8E+04 | 4.1E+04 | | 1.2E+04 |
| | | | | 2.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Oxamyl | 23135-22-0 | | | | | 8.8E+04 | 2.1E+05 | | 6.2E+04 |
| 7.3E-02 | O | | | 3.0E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Oxyfluorfen | 42874-03-3 | 4.5E+03 | 1.1E+04 | | 3.1E+03 | 1.1E+05 | 2.5E+05 | | 7.4E+04 |
| | | | | 1.3E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Paclobutrazol | 76738-62-0 | | | | | 4.6E+04 | 1.1E+05 | | 3.2E+04 |
| | | | | 4.5E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Paraquat Dichloride | 1910-42-5 | | | | | 1.6E+04 | 3.7E+04 | | 1.1E+04 |
| | | | | 6.0E-03 | H | | | | | | 1.4E+09 | | 1 | 0.1 | Parathion | 56-38-2 | | | | | 2.1E+04 | 5.0E+04 | | 1.5E+04 |
| | | | | 5.0E-02 | H | | | V | | | 1.4E+09 | 4.5E+04 | 1 | | Pebulate | 1114-71-2 | | | | | 1.8E+05 | | | 1.8E+05 |
| | | | | 3.0E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Pendimethalin | 40487-42-1 | | | | | 1.1E+05 | 2.5E+05 | | 7.4E+04 |
| | | | | 2.0E-03 | I | | | V | | 3.1E-01 | 1.4E+09 | 5.1E+05 | 1 | | Pentabromodiphenyl Ether | 32534-81-9 | | | | | 7.0E+03 | | | 7.0E+03 |
| | | | | 1.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99) | 60348-60-9 | | | | | 3.5E+02 | 8.3E+02 | | 2.5E+02 |
| | | | | 8.0E-04 | I | | | V | | | 1.4E+09 | 8.1E+04 | 1 | | Pentachlorobenzene | 608-93-5 | | | | | 2.8E+03 | | | 2.8E+03 |
| 9.0E-02 | P | | | | | | | V | | 4.6E+02 | 1.4E+09 | 9.6E+03 | 1 | | Pentachloroethane | 76-01-7 | 3.6E+03 | | | 3.6E+03 | | | | |
| 2.6E-01 | H | | | 3.0E-03 | I | | | V | | | 1.4E+09 | 4.3E+05 | 1 | | Pentachloronitrobenzene | 82-68-8 | 1.3E+03 | | | 1.3E+03 | 1.1E+04 | | | 1.1E+04 |
| 4.0E-01 | I | 5.1E-06 | C | 5.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.25 | Pentachlorophenol | 87-86-5 | 8.2E+02 | 7.7E+02 | 3.3E+08 | 4.0E+02 | 1.8E+04 | 1.7E+04 | | 8.5E+03 |
| 4.0E-03 | X | | | 2.0E-03 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Pentaerythritol tetranitrate (PETN) | 78-11-5 | 8.2E+04 | 1.9E+05 | | 5.7E+04 | 7.0E+03 | 1.7E+04 | | 4.9E+03 |
| | | | | | | 1.0E+00 | P | V | | 3.9E+02 | 1.4E+09 | 7.8E+02 | 1 | | Pentane, n- | 109-66-0 | | | | | | | 1.0E+04 | 1.0E+04 |
| | | | | | | | | | | | | | | | Perchlorates | | | | | | | | | |
| | | | | 7.0E-04 | I | | | | | | 1.4E+09 | | 1 | | ~Ammonium Perchlorate | 7790-98-9 | | | | | 2.5E+03 | | | 2.5E+03 |
| | | | | 7.0E-04 | I | | | | | | 1.4E+09 | | 1 | | ~Lithium Perchlorate | 7791-03-9 | | | | | 2.5E+03 | | | 2.5E+03 |
| | | | | 7.0E-04 | I | | | | | | 1.4E+09 | | 1 | | ~Perchlorate and Perchlorate Salts | 14797-73-0 | | | | | 2.5E+03 | | | 2.5E+03 |
| | | | | 7.0E-04 | I | | | | | | 1.4E+09 | | 1 | | ~Potassium Perchlorate | 7778-74-7 | | | | | 2.5E+03 | | | 2.5E+03 |
| | | | | 7.0E-04 | I | | | | | | 1.4E+09 | | 1 | | ~Sodium Perchlorate | 7601-89-0 | | | | | 2.5E+03 | | | 2.5E+03 |
| | | | | 2.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Perfluorobutane sulfonic acid (PFBS) | 375-73-5 | | | | | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| | | | | 2.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Perfluorobutanesulfonate | 45187-15-3 | | | | | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| | | | | 5.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Permethrin | 52645-53-1 | | | | | 1.8E+05 | 4.1E+05 | | 1.2E+05 |
| 2.2E-03 | C | 6.3E-07 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Phenacetin | 62-44-2 | 1.5E+05 | 3.5E+05 | 2.6E+09 | 1.0E+05 | | | | |
| | | | | 2.4E-01 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Phenmedipham | 13684-63-4 | | | | | 8.4E+05 | 2.0E+06 | | 5.9E+05 |
| | | | | 3.0E-01 | I | 2.0E-01 | C | | | | 1.4E+09 | | 1 | 0.1 | Phenol | 108-95-2 | | | | | 1.1E+06 | 2.5E+06 | 3.6E+09 | 7.4E+05 |
| | | | | 4.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Phenol, 2-(1-methylethoxy)-, methylcarbamate | 114-26-1 | | | | | 1.4E+04 | 3.3E+04 | | 9.8E+03 |
| | | | | 5.0E-04 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Phenothiazine | 92-84-2 | | | | | 1.8E+03 | 4.1E+03 | | 1.2E+03 |
| | | | | 2.0E-04 | X | | | V | | 1.3E+02 | 1.4E+09 | 7.1E+03 | 1 | | Phenyl Isothiocyanate | 103-72-0 | | | | | 7.0E+02 | | | 7.0E+02 |
| | | | | 6.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Phenylenediamine, m- | 108-45-2 | | | | | 2.1E+04 | 5.0E+04 | | 1.5E+04 |
| 1.2E-01 | P | | | 4.0E-03 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Phenylenediamine, o- | 95-54-5 | 2.7E+03 | 6.4E+03 | | 1.9E+03 | 1.4E+04 | 3.3E+04 | | 9.8E+03 |
| | | | | 1.0E-03 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Phenylenediamine, p- | 106-50-3 | | | | | 3.5E+03 | 8.3E+03 | | 2.5E+03 |
| 1.9E-03 | H | | | | | | | | | | 1.4E+09 | | 1 | 0.1 | Phenylphenol, 2- | 90-43-7 | 1.7E+05 | 4.0E+05 | | 1.2E+05 | | | | |
| | | | | 2.0E-04 | H | | | | | | 1.4E+09 | | 1 | 0.1 | Phorate | 298-02-2 | | | | | 7.0E+02 | 1.7E+03 | | 4.9E+02 |
| | | | | | | 3.0E-04 | I | V | | 1.6E+03 | 1.4E+09 | 9.8E+02 | 1 | | Phosgene | 75-44-5 | | | | | | | 3.9E+00 | 3.9E+00 |

RML THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer 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 | muta-gen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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 THQ=3 (mg/kg) | Dermal SL THQ=3 (mg/kg) | Inhalation SL THQ=3 (mg/kg) | Noncarcinogenic SL THI=3 (mg/kg) |
| | | | | 2.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Phosmet | 732-11-6 | | | | | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| | | | | | | | | | | | | | | | Phosphates, Inorganic | | | | | | | | | |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Aluminum metaphosphate | 13776-88-0 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Ammonium polyphosphate | 68333-79-9 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Calcium pyrophosphate | 7790-76-3 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Diammonium phosphate | 7783-28-0 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Dicalcium phosphate | 7757-93-9 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Dimagnesium phosphate | 7782-75-4 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Dipotassium phosphate | 7758-11-4 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Disodium phosphate | 7558-79-4 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Monoaluminum phosphate | 13530-50-2 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Monoammonium phosphate | 7722-76-1 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Monocalcium phosphate | 7758-23-8 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Monomagnesium phosphate | 7757-86-0 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Monopotassium phosphate | 7778-77-0 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Monosodium phosphate | 7558-80-7 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Polyphosphoric acid | 8017-16-1 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Potassium tripolyphosphate | 13845-36-8 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Sodium acid pyrophosphate | 7758-16-9 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Sodium aluminum phosphate (acidic) | 7785-88-8 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Sodium aluminum phosphate (anhydrous) | 10279-59-1 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Sodium aluminum phosphate (tetrahydrate) | 10305-76-7 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Sodium hexametaphosphate | 10124-56-8 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Sodium polyphosphate | 68915-31-1 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Sodium trimetaphosphate | 7785-84-4 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Sodium tripolyphosphate | 7758-29-4 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Tetrapotassium phosphate | 7320-34-5 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Tetrasodium pyrophosphate | 7722-88-5 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate) | 15136-87-5 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Tricalcium phosphate | 7758-87-4 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Trimagnesium phosphate | 7757-87-1 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Tripotassium phosphate | 7778-53-2 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 4.9E+01 | P | | | | | | 1.4E+09 | | 1 | | ~Trisodium phosphate | 7601-54-9 | | | | | 1.7E+08 | | | 1.7E+08 |
| | | | | 3.0E-04 | I | 3.0E-04 | I | V | | | 1.4E+09 | | 1 | | Phosphine | 7803-51-2 | | | | | 1.1E+03 | | 5.4E+06 | 1.1E+03 |
| | | | | 4.9E+01 | P | 1.0E-02 | I | | | | 1.4E+09 | | 1 | | Phosphoric Acid | 7664-38-2 | | | | | 1.7E+08 | | 1.8E+08 | 8.7E+07 |
| | | | | 2.0E-05 | I | | | V | | | 1.4E+09 | 6.9E+03 | 1 | | Phosphorus, White | 7723-14-0 | | | | | 7.0E+01 | | | 7.0E+01 |
| | | | | | | | | | | | | | | | Phthalates | | | | | | | | | |
| 1.4E-02 | I | 2.4E-06 | C | 2.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | ~Bis(2-ethylhexyl)phthalate | 117-81-7 | 2.3E+04 | 5.5E+04 | 6.9E+08 | 1.6E+04 | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| 1.9E-03 | P | | | 2.0E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | ~Butyl Benzyl Phthalate | 85-68-7 | 1.7E+05 | 4.1E+05 | | 1.2E+05 | 7.0E+05 | 1.7E+06 | | 4.9E+05 |
| | | | | 1.0E+00 | I | | | | | | 1.4E+09 | | 1 | 0.1 | ~Butylphthalyl Butylglycolate | 85-70-1 | | | | | 3.5E+06 | 8.3E+06 | | 2.5E+06 |
| | | | | 1.0E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | ~Dibutyl Phthalate | 84-74-2 | | | | | 3.5E+05 | 8.3E+05 | | 2.5E+05 |
| | | | | 8.0E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | ~Diethyl Phthalate | 84-66-2 | | | | | 2.8E+06 | 6.6E+06 | | 2.0E+06 |
| | | | | 1.0E-01 | I | | | V | | | 1.4E+09 | 2.1E+04 | 1 | | ~Dimethylterephthalate | 120-61-6 | | | | | 3.5E+05 | | | 3.5E+05 |
| | | | | 1.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | ~Octyl Phthalate, di-N- | 117-84-0 | | | | | 3.5E+04 | 8.3E+04 | | 2.5E+04 |
| | | | | 1.0E+00 | H | | | | | | 1.4E+09 | | 1 | 0.1 | ~Phthalic Acid, P- | 100-21-0 | | | | | 3.5E+06 | 8.3E+06 | | 2.5E+06 |
| | | | | 2.0E+00 | I | 2.0E-02 | C | | | | 1.4E+09 | | 1 | 0.1 | ~Phthalic Anhydride | 85-44-9 | | | | | 7.0E+06 | 1.7E+07 | 3.6E+08 | 4.9E+06 |
| | | | | 7.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Picloram | 1918-02-1 | | | | | 2.5E+05 | 5.8E+05 | | 1.7E+05 |
| | | | | 1.0E-04 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Picramic Acid (2-Amino-4,6-dinitrophenol) | 96-91-3 | | | | | 3.5E+02 | 8.3E+02 | | 2.5E+02 |
| | | | | 9.0E-04 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Picric Acid (2,4,6-Trinitrophenol) | 88-89-1 | | | | | 3.2E+03 | 7.5E+03 | | 2.2E+03 |
| | | | | 6.7E-05 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Pirimiphos, Methyl | 29232-93-7 | | | | | 2.3E+02 | 5.5E+02 | | 1.6E+02 |
| 3.0E+01 | C | 8.6E-03 | C | 7.0E-06 | H | | | | | | 1.4E+09 | | 1 | 0.1 | Polybrominated Biphenyls | 59536-65-1 | 1.1E+01 | 2.6E+01 | 1.9E+05 | 7.7E+00 | 2.5E+01 | 5.8E+01 | | 1.7E+01 |
| | | | | | | | | | | | | | | | Polychlorinated Biphenyls (PCBs) | | | | | | | | | |
| 7.0E-02 | S | 2.0E-05 | S | 7.0E-05 | I | | | V | | | 1.4E+09 | 7.1E+05 | 1 | 0.14 | ~Aroclor 1016 | 12674-11-2 | 4.7E+03 | 7.9E+03 | 4.4E+04 | 2.7E+03 | 2.5E+02 | 4.1E+02 | | 1.5E+02 |
| 2.0E+00 | S | 5.7E-04 | S | | | | | V | | | 1.4E+09 | 2.0E+05 | 1 | 0.14 | ~Aroclor 1221 | 11104-28-2 | 1.6E+02 | 2.8E+02 | 4.4E+02 | 8.3E+01 | | | | |
| 2.0E+00 | S | 5.7E-04 | S | | | | | V | | | 1.4E+09 | 1.1E+05 | 1 | 0.14 | ~Aroclor 1232 | 11141-16-5 | 1.6E+02 | 2.8E+02 | 2.4E+02 | 7.2E+01 | | | | |
| 2.0E+00 | S | 5.7E-04 | S | | | | | V | | | 1.4E+09 | 5.9E+05 | 1 | 0.14 | ~Aroclor 1242 | 53469-21-9 | 1.6E+02 | 2.8E+02 | 1.3E+03 | 9.5E+01 | | | | |
| 2.0E+00 | S | 5.7E-04 | S | | | | | V | | | 1.4E+09 | 6.3E+05 | 1 | 0.14 | ~Aroclor 1248 | 12672-29-6 | 1.6E+02 | 2.8E+02 | 1.3E+03 | 9.5E+01 | | | | |
| 2.0E+00 | S | 5.7E-04 | S | 2.0E-05 | I | | | V | | | 1.4E+09 | 8.4E+05 | 1 | 0.14 | ~Aroclor 1254 | 11097-69-1 | 1.6E+02 | 2.8E+02 | 1.8E+03 | 9.7E+01 | 7.0E+01 | 1.2E+02 | | 4.4E+01 |
| 2.0E+00 | S | 5.7E-04 | S | | | | | V | | | 1.4E+09 | 1.3E+06 | 1 | 0.14 | ~Aroclor 1260 | 11096-82-5 | 1.6E+02 | 2.8E+02 | 2.8E+03 | 9.9E+01 | | | | |
| | | | | 6.0E-04 | X | | | V | | | 1.4E+09 | 9.8E+05 | 1 | 0.14 | ~Aroclor 5460 | 11126-42-4 | | | | | 2.1E+03 | 3.5E+03 | | 1.3E+03 |
| 3.9E+00 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | | 1.4E+09 | 2.4E+06 | 1 | 0.14 | ~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189) | 39635-31-9 | 8.4E+01 | 1.4E+02 | 2.6E+03 | 5.2E+01 | 8.2E+01 | 1.4E+02 | 4.3E+04 | 5.1E+01 |
| 3.9E+00 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | | 1.4E+09 | 1.6E+06 | 1 | 0.14 | ~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167) | 52663-72-6 | 8.4E+01 | 1.4E+02 | 1.7E+03 | 5.1E+01 | 8.2E+01 | 1.4E+02 | 2.8E+04 | 5.1E+01 |
| 3.9E+00 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | | 1.4E+09 | 1.0E+06 | 1 | 0.14 | ~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157) | 69782-90-7 | 8.4E+01 | 1.4E+02 | 1.1E+03 | 5.0E+01 | 8.2E+01 | 1.4E+02 | 1.8E+04 | 5.1E+01 |
| 3.9E+00 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | | 1.4E+09 | 1.1E+06 | 1 | 0.14 | ~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156) | 38380-08-4 | 8.4E+01 | 1.4E+02 | 1.2E+03 | 5.0E+01 | 8.2E+01 | 1.4E+02 | 1.9E+04 | 5.1E+01 |
| 3.9E+03 | E | 1.1E+00 | E | 2.3E-08 | E | 1.3E-06 | E | V | | | 1.4E+09 | 1.6E+06 | 1 | 0.14 | ~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169) | 32774-16-6 | 8.4E-02 | 1.4E-01 | 1.7E+00 | 5.1E-02 | 8.2E-02 | 1.4E-01 | 2.8E+01 | 5.1E-02 |
| 3.9E+00 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | | 1.4E+09 | 7.3E+05 | 1 | 0.14 | ~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123) | 65510-44-3 | 8.4E+01 | 1.4E+02 | 7.9E+02 | 4.9E+01 | 8.2E+01 | 1.4E+02 | 1.3E+04 | 5.1E+01 |
| 3.9E+00 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | | 1.4E+09 | 5.9E+05 | 1 | 0.14 | ~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118) | 31508-00-6 | 8.4E+01 | 1.4E+02 | 6.3E+02 | 4.9E+01 | 8.2E+01 | 1.4E+02 | 1.0E+04 | 5.1E+01 |
| 3.9E+00 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | | 1.4E+09 | 6.0E+05 | 1 | 0.14 | ~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105) | 32598-14-4 | 8.4E+01 | 1.4E+02 | 6.5E+02 | 4.9E+01 | 8.2E+01 | 1.4E+02 | 1.1E+04 | 5.1E+01 |
| 3.9E+00 | E | 1.1E-03 | E | 2.3E-05 | E | 1.3E-03 | E | V | | | 1.4E+09 | 1.1E+06 | 1 | 0.14 | ~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114) | 74472-37-0 | 8.4E+01 | 1.4E+02 | 1.1E+03 | 5.0E+01 | 8.2E+01 | 1.4E+02 | 1.8E+04 | 5.1E+01 |
| 1.3E+04 | E | 3.8E+00 | E | 7.0E-09 | E | 4.0E-07 | E | V | | | 1.4E+09 | 7.3E+05 | 1 | 0.14 | ~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126) | 57465-28-8 | 2.5E-02 | 4.2E-02 | 2.3E-01 | 1.5E-02 | 2.5E-02 | 4.1E-02 | 3.8E+00 | 1.5E-02 |

RML HQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer 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 | volatile | muta-gen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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 THQ=3 (mg/kg) | Dermal SL THQ=3 (mg/kg) | Inhalation SL THQ=3 (mg/kg) | Noncarcinogenic SL THI=3 (mg/kg) |
| 2.0E+00 | I | 5.7E-04 | I | | | | | V | | | 1.4E+09 | 5.3E+05 | 1 | 0.14 | ~Polychlorinated Biphenyls (high risk) | 1336-36-3 | 1.6E+02 | 2.8E+02 | 1.1E+03 | 9.4E+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 | E | 3.8E-03 | E | 7.0E-06 | E | 4.0E-04 | E | | | | 1.4E+09 | | 1 | 0.14 | ~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77) | 32598-13-3 | 2.5E+01 | 4.2E+01 | 4.4E+05 | 1.6E+01 | 2.5E+01 | 4.1E+01 | 7.1E+06 | 1.5E+01 |
| 3.9E+01 | E | 1.1E-02 | E | 2.3E-06 | E | 1.3E-04 | E | V | | | 1.4E+09 | 5.1E+05 | 1 | 0.14 | ~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81) | 70362-50-4 | 8.4E+00 | 1.4E+01 | 5.5E+01 | 4.8E+00 | 8.2E+00 | 1.4E+01 | 8.9E+02 | 5.1E+00 |
| | | | | | | 6.0E-04 | I | | | | 1.4E+09 | | 1 | 0.1 | Polymeric Methylene Diphenyl Diisocyanate (PMDI) | 9016-87-9 | | | | | | | 1.1E+07 | 1.1E+07 |
| | | | | | | | | | | | | | | | Polynuclear Aromatic Hydrocarbons (PAHs) | | | | | | | | | |
| | | | | 6.0E-02 | I | | | V | | | 1.4E+09 | 1.4E+05 | 1 | 0.13 | ~Acenaphthene | 83-32-9 | | | | | 2.1E+05 | 3.8E+05 | | 1.4E+05 |
| | | | | 3.0E-01 | I | | | V | | | 1.4E+09 | 5.2E+05 | 1 | 0.13 | ~Anthracene | 120-12-7 | | | | | 1.1E+06 | 1.9E+06 | | 6.8E+05 |
| 1.0E-01 | E | 6.0E-05 | E | | | | | V | M | | 1.4E+09 | 4.4E+06 | 1 | 0.13 | ~Benz[a]anthracene | 56-55-3 | 3.3E+03 | 5.9E+03 | 9.0E+04 | 2.1E+03 | | | | |
| 1.2E+00 | C | 1.1E-04 | C | | | | | | | | 1.4E+09 | | 1 | 0.13 | ~Benzo(j)fluoranthene | 205-82-3 | 2.7E+02 | 5.0E+02 | 1.5E+07 | 1.8E+02 | | | | |
| 1.0E+00 | I | 6.0E-04 | I | 3.0E-04 | I | 2.0E-06 | I | | M | | 1.4E+09 | | 1 | 0.13 | ~Benzo[a]pyrene | 50-32-8 | 3.3E+02 | 5.9E+02 | 2.8E+06 | 2.1E+02 | 1.1E+03 | 1.9E+03 | 3.6E+04 | 6.7E+02 |
| 1.0E-01 | E | 6.0E-05 | E | | | | | | M | | 1.4E+09 | | 1 | 0.13 | ~Benzo[b]fluoranthene | 205-99-2 | 3.3E+03 | 5.9E+03 | 2.8E+07 | 2.1E+03 | | | | |
| 1.0E-02 | E | 6.0E-06 | E | | | | | | M | | 1.4E+09 | | 1 | 0.13 | ~Benzo[k]fluoranthene | 207-08-9 | 3.3E+04 | 5.9E+04 | 2.8E+08 | 2.1E+04 | | | | |
| | | | | 8.0E-02 | I | | | V | | | 1.4E+09 | 8.0E+04 | 1 | 0.13 | ~Chloronaphthalene, Beta- | 91-58-7 | | | | | 2.8E+05 | 5.1E+05 | | 1.8E+05 |
| 1.0E-03 | E | 6.0E-07 | E | | | | | | M | | 1.4E+09 | | 1 | 0.13 | ~Chrysene | 218-01-9 | 3.3E+05 | 5.9E+05 | 2.8E+09 | 2.1E+05 | | | | |
| 1.0E+00 | E | 6.0E-04 | E | | | | | | M | | 1.4E+09 | | 1 | 0.13 | ~Dibenz[a,h]anthracene | 53-70-3 | 3.3E+02 | 5.9E+02 | 2.8E+06 | 2.1E+02 | | | | |
| 1.2E+01 | C | 1.1E-03 | C | | | | | | | | 1.4E+09 | | 1 | 0.13 | ~Dibenzo(a,e)pyrene | 192-65-4 | 2.7E+01 | 5.0E+01 | 1.5E+06 | 1.8E+01 | | | | |
| 2.5E+02 | C | 7.1E-02 | C | | | | | | M | | 1.4E+09 | | 1 | 0.13 | ~Dimethylbenz(a)anthracene, 7,12- | 57-97-6 | 1.3E+00 | 2.4E+00 | 2.3E+04 | 8.4E-01 | | | | |
| | | | | 4.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.13 | ~Fluoranthene | 206-44-0 | | | | | 1.4E+05 | 2.5E+05 | | 9.0E+04 |
| | | | | 4.0E-02 | I | | | V | | | 1.4E+09 | 2.8E+05 | 1 | 0.13 | ~Fluorene | 86-73-7 | | | | | 1.4E+05 | 2.5E+05 | | 9.0E+04 |
| 1.0E-01 | E | 6.0E-05 | E | | | | | | M | | 1.4E+09 | | 1 | 0.13 | ~Indeno[1,2,3-cd]pyrene | 193-39-5 | 3.3E+03 | 5.9E+03 | 2.8E+07 | 2.1E+03 | | | | |
| 2.9E-02 | P | | | 7.0E-02 | A | | | V | | 3.9E+02 | 1.4E+09 | 5.9E+04 | 1 | 0.13 | ~Methylnaphthalene, 1- | 90-12-0 | 1.1E+04 | 2.0E+04 | | 7.3E+03 | 2.5E+05 | 4.5E+05 | | 1.6E+05 |
| | | | | 4.0E-03 | I | | | V | | | 1.4E+09 | 5.8E+04 | 1 | 0.13 | ~Methylnaphthalene, 2- | 91-57-6 | | | | | 1.4E+04 | 2.5E+04 | | 9.0E+03 |
| | | 3.4E-05 | C | 2.0E-02 | I | 3.0E-03 | I | V | | | 1.4E+09 | 4.6E+04 | 1 | 0.13 | ~Naphthalene | 91-20-3 | | | 1.7E+03 | 1.7E+03 | 7.0E+04 | 1.3E+05 | 1.8E+03 | 1.8E+03 |
| 1.2E+00 | C | 1.1E-04 | C | | | | | | | | 1.4E+09 | | 1 | 0.13 | ~Nitropyrene, 4- | 57835-92-4 | 2.7E+02 | 5.0E+02 | 1.5E+07 | 1.8E+02 | | | | |
| | | | | 3.0E-02 | I | | | V | | | 1.4E+09 | 2.4E+06 | 1 | 0.13 | ~Pyrene | 129-00-0 | | | | | 1.1E+05 | 1.9E+05 | | 6.8E+04 |
| | | | | 2.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Potassium Perfluorobutane Sulfonate | 29420-49-3 | | | | | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| 1.5E-01 | I | | | 9.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Prochloraz | 67747-09-5 | 2.2E+03 | 5.2E+03 | | 1.5E+03 | 3.2E+04 | 7.5E+04 | | 2.2E+04 |
| | | | | 6.0E-03 | H | | | V | | | 1.4E+09 | 4.2E+05 | 1 | | Profluralin | 26399-36-0 | | | | | 2.1E+04 | | | 2.1E+04 |
| | | | | 1.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Prometon | 1610-18-0 | | | | | 5.3E+04 | 1.2E+05 | | 3.7E+04 |
| | | | | 4.0E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Prometryn | 7287-19-6 | | | | | 1.4E+05 | 3.3E+05 | | 9.8E+04 |
| | | | | 1.3E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Propachlor | 1918-16-7 | | | | | 4.6E+04 | 1.1E+05 | | 3.2E+04 |
| | | | | 5.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Propanil | 709-98-8 | | | | | 1.8E+04 | 4.1E+04 | | 1.2E+04 |
| 3.3E-02 | O | | | 4.0E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Propargite | 2312-35-8 | 1.0E+04 | 2.4E+04 | | 7.0E+03 | 1.4E+05 | 3.3E+05 | | 9.8E+04 |
| | | | | 2.0E-03 | I | | | V | | 1.1E+05 | 1.4E+09 | 6.3E+04 | 1 | | Propargyl Alcohol | 107-19-7 | | | | | 7.0E+03 | | | 7.0E+03 |
| | | | | 2.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Propazine | 139-40-2 | | | | | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| | | | | 2.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Propham | 122-42-9 | | | | | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| | | | | 1.0E-01 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Propiconazole | 60207-90-1 | | | | | 3.5E+05 | 8.3E+05 | | 2.5E+05 |
| | | | | | | 8.0E-03 | I | V | | 3.3E+04 | 1.4E+09 | 8.9E+03 | 1 | | Propionaldehyde | 123-38-6 | | | | | | | 9.4E+02 | 9.4E+02 |
| | | | | 1.0E-01 | X | 1.0E+00 | X | V | | 2.6E+02 | 1.4E+09 | 7.0E+03 | 1 | | Propyl benzene | 103-65-1 | | | | | 3.5E+05 | | 9.2E+04 | 7.3E+04 |
| | | | | | | 3.0E+00 | C | V | | 3.5E+02 | 1.4E+09 | 7.0E+02 | 1 | | Propylene | 115-07-1 | | | | | | | 2.8E+04 | 2.8E+04 |
| | | | | 2.0E+01 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Propylene Glycol | 57-55-6 | | | | | 7.0E+07 | 1.7E+08 | | 4.9E+07 |
| | | | | | | 2.7E-04 | A | | | | 1.4E+09 | | 1 | 0.1 | Propylene Glycol Dinitrate | 6423-43-4 | | | | | | | 4.9E+06 | 4.9E+06 |
| | | | | 7.0E-01 | H | 2.0E+00 | I | V | | 1.1E+05 | 1.4E+09 | 7.8E+04 | 1 | | Propylene Glycol Monomethyl Ether | 107-98-2 | | | | | 2.5E+06 | | 2.1E+06 | 1.1E+06 |
| 2.4E-01 | I | 3.7E-06 | I | | | 3.0E-02 | I | V | | 7.8E+04 | 1.4E+09 | 1.0E+04 | 1 | | Propylene Oxide | 75-56-9 | 1.4E+03 | | 3.4E+03 | 9.7E+02 | | | 4.1E+03 | 4.1E+03 |
| | | | | 7.5E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Propyzamide | 23950-58-5 | | | | | 2.6E+05 | 6.2E+05 | | 1.8E+05 |
| | | | | 1.0E-03 | I | | | V | | 5.3E+05 | 1.4E+09 | 5.5E+04 | 1 | | Pyridine | 110-86-1 | | | | | 3.5E+03 | | | 3.5E+03 |
| | | | | 5.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Quinalphos | 13593-03-8 | | | | | 1.8E+03 | 4.1E+03 | | 1.2E+03 |
| 3.0E+00 | I | | | | | | | | | | 1.4E+09 | | 1 | 0.1 | Quinoline | 91-22-5 | 1.1E+02 | 2.6E+02 | | 7.7E+01 | | | | |
| | | | | 9.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Quizalofop-ethyl | 76578-14-8 | | | | | 3.2E+04 | 7.5E+04 | | 2.2E+04 |
| | | | | | | 3.0E-02 | A | | | | 1.4E+09 | | 1 | | Refractory Ceramic Fibers | E715557 | | | | | | | 5.4E+08 | 5.4E+08 |
| | | | | 3.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Resmethrin | 10453-86-8 | | | | | 1.1E+05 | 2.5E+05 | | 7.4E+04 |
| | | | | 5.0E-02 | H | | | V | | | 1.4E+09 | 4.6E+05 | 1 | | Ronnel | 299-84-3 | | | | | 1.8E+05 | | | 1.8E+05 |
| | | | | 4.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Rotenone | 83-79-4 | | | | | 1.4E+04 | 3.3E+04 | | 9.8E+03 |
| 2.2E-01 | C | 6.3E-05 | C | | | | | | M | | 1.4E+09 | | 1 | 0.1 | Safrole | 94-59-7 | 1.5E+03 | 3.5E+03 | 2.6E+07 | 1.0E+03 | | | | |
| | | | | 5.0E-03 | I | | | | | | 1.4E+09 | | 1 | | Selenious Acid | 7783-00-8 | | | | | 1.8E+04 | | | 1.8E+04 |
| | | | | 5.0E-03 | I | 2.0E-02 | C | | | | 1.4E+09 | | 1 | | Selenium | 7782-49-2 | | | | | 1.8E+04 | | 3.6E+08 | 1.8E+04 |
| | | | | 5.0E-03 | C | 2.0E-02 | C | | | | 1.4E+09 | | 1 | | Selenium Sulfide | 7446-34-6 | | | | | 1.8E+04 | | 3.6E+08 | 1.8E+04 |
| | | | | 1.4E-01 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Sethoxydim | 74051-80-2 | | | | | 4.9E+05 | 1.2E+06 | | 3.4E+05 |
| | | | | | | 3.0E-03 | C | | | | 1.4E+09 | | 1 | | Silica (crystalline, respirable) | 7631-86-9 | | | | | | | 5.4E+07 | 5.4E+07 |
| | | | | 5.0E-03 | I | | | | | | 1.4E+09 | | 0.04 | | Silver | 7440-22-4 | | | | | 1.8E+04 | | | 1.8E+04 |
| 1.2E-01 | H | | | 5.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Simazine | 122-34-9 | 2.7E+03 | 6.4E+03 | | 1.9E+03 | 1.8E+04 | 4.1E+04 | | 1.2E+04 |
| | | | | 1.3E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Sodium Acifluorfen | 62476-59-9 | | | | | 4.6E+04 | 1.1E+05 | | 3.2E+04 |
| | | | | 4.0E-03 | I | | | | | | 1.4E+09 | | 1 | | Sodium Azide | 26628-22-8 | | | | | 1.4E+04 | | | 1.4E+04 |
| 2.7E-01 | H | | | 3.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Sodium Diethyldithiocarbamate | 148-18-5 | 1.2E+03 | 2.9E+03 | | 8.5E+02 | 1.1E+05 | 2.5E+05 | | 7.4E+04 |
| | | | | 5.0E-02 | A | 1.3E-02 | C | | | | 1.4E+09 | | 1 | | Sodium Fluoride | 7681-49-4 | | | | | 1.8E+05 | | 2.3E+08 | 1.8E+05 |
| | | | | 2.0E-05 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Sodium Fluoroacetate | 62-74-8 | | | | | 7.0E+01 | 1.7E+02 | | 4.9E+01 |
| | | | | 1.0E-03 | H | | | | | | 1.4E+09 | | 1 | | Sodium Metavanadate | 13718-26-8 | | | | | 3.5E+03 | | | 3.5E+03 |
| | | | | 8.0E-04 | P | | | | | | 1.4E+09 | | 1 | | Sodium Tungstate | 13472-45-2 | | | | | 2.8E+03 | | | 2.8E+03 |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer 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 | muta-gen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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 THQ=3 (mg/kg) | Dermal SL THQ=3 (mg/kg) | Inhalation SL THQ=3 (mg/kg) | Noncarcinogenic SL THI=3 (mg/kg) |
| | | | | 8.0E-04 | P | | | | | | 1.4E+09 | | 1 | | Sodium Tungstate Dihydrate | 10213-10-2 | | | | | 2.8E+03 | | | 2.8E+03 |
| 2.4E-02 | H | | | 3.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Stirofos (Tetrachlorovinphos) | 961-11-5 | 1.4E+04 | 3.2E+04 | | 9.6E+03 | 1.1E+05 | 2.5E+05 | | 7.4E+04 |
| | | | | 6.0E-01 | I | | | | | | 1.4E+09 | | 1 | | Strontium, Stable | 7440-24-6 | | | | | 2.1E+06 | | | 2.1E+06 |
| | | | | 3.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Strychnine | 57-24-9 | | | | | 1.1E+03 | 2.5E+03 | | 7.4E+02 |
| | | | | 2.0E-01 | I | 1.0E+00 | I | V | | 8.7E+02 | 1.4E+09 | 9.3E+03 | 1 | | Styrene | 100-42-5 | | | | | 7.0E+05 | | 1.2E+05 | 1.0E+05 |
| | | | | 3.0E-03 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Styrene-Acrylonitrile (SAN) Trimer | | | | | | 1.1E+04 | 2.5E+04 | | 7.4E+03 |
| | | | | 1.0E-03 | P | 2.0E-03 | X | | | | 1.4E+09 | | 1 | 0.1 | Sulfolane | 126-33-0 | | | | | 3.5E+03 | 8.3E+03 | 3.6E+07 | 2.5E+03 |
| | | | | 8.0E-04 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Sulfonylbis(4-chlorobenzene), 1,1'- | 80-07-9 | | | | | 2.8E+03 | 6.6E+03 | | 2.0E+03 |
| | | | | | | 1.0E-03 | C | V | | | 1.4E+09 | | 1 | | Sulfur Trioxide | 7446-11-9 | | | | | | | 1.8E+07 | 1.8E+07 |
| | | | | | | 1.0E-03 | C | | | | 1.4E+09 | | 1 | | Sulfuric Acid | 7664-93-9 | | | | | | | 1.8E+07 | 1.8E+07 |
| 2.5E-02 | I | 7.1E-06 | I | 5.0E-02 | H | | | | | | 1.4E+09 | | 1 | 0.1 | Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester | 140-57-8 | 1.3E+04 | 3.1E+04 | 2.3E+08 | 9.2E+03 | 1.8E+05 | 4.1E+05 | | 1.2E+05 |
| | | | | 3.0E-02 | H | | | | | | 1.4E+09 | | 1 | 0.1 | TCMTB | 21564-17-0 | | | | | 1.1E+05 | 2.5E+05 | | 7.4E+04 |
| | | | | 7.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Tebuthiuron | 34014-18-1 | | | | | 2.5E+05 | 5.8E+05 | | 1.7E+05 |
| | | | | 2.0E-02 | H | | | | | | 1.4E+09 | | 1 | 0.1 | Temephos | 3383-96-8 | | | | | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| | | | | 1.3E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Terbacil | 5902-51-2 | | | | | 4.6E+04 | 1.1E+05 | | 3.2E+04 |
| | | | | 2.5E-05 | H | | | V | | 3.1E+01 | 1.4E+09 | 2.6E+05 | 1 | | Terbufos | 13071-79-9 | | | | | 8.8E+01 | | | 8.8E+01 |
| | | | | 1.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Terbutryn | 886-50-0 | | | | | 3.5E+03 | 8.3E+03 | | 2.5E+03 |
| | | | | 1.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47) | 5436-43-1 | | | | | 3.5E+02 | 8.3E+02 | | 2.5E+02 |
| | | | | 3.0E-04 | I | | | V | | | 1.4E+09 | 5.1E+04 | 1 | | Tetrachlorobenzene, 1,2,4,5- | 95-94-3 | | | | | 1.1E+03 | | | 1.1E+03 |
| 2.6E-02 | I | 7.4E-06 | I | 3.0E-02 | I | | | V | | 6.8E+02 | 1.4E+09 | 5.7E+03 | 1 | | Tetrachloroethane, 1,1,1,2- | 630-20-6 | 1.3E+04 | | 9.4E+02 | 8.8E+02 | 1.1E+05 | | | 1.1E+05 |
| 2.0E-01 | I | 5.8E-05 | C | 2.0E-02 | I | | | V | | 1.9E+03 | 1.4E+09 | 1.5E+04 | 1 | | Tetrachloroethane, 1,1,2,2- | 79-34-5 | 1.6E+03 | | 3.2E+02 | 2.7E+02 | 7.0E+04 | | | 7.0E+04 |
| 2.1E-03 | I | 2.6E-07 | I | 6.0E-03 | I | 4.0E-02 | I | V | | 1.7E+02 | 1.4E+09 | 2.3E+03 | 1 | | Tetrachloroethylene | 127-18-4 | 1.6E+05 | | 1.1E+04 | 1.0E+04 | 2.1E+04 | | 1.2E+03 | 1.2E+03 |
| | | | | 3.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Tetrachlorophenol, 2,3,4,6- | 58-90-2 | | | | | 1.1E+05 | 2.5E+05 | | 7.4E+04 |
| 2.0E+01 | H | | | | | | | V | | | 1.4E+09 | 1.1E+05 | 1 | | Tetrachlorotoluene, p- alpha, alpha, alpha- | 5216-25-1 | 1.6E+01 | | | 1.6E+01 | | | | |
| | | | | 5.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Tetraethyl Dithiopyrophosphate | 3689-24-5 | | | | | 1.8E+03 | 4.1E+03 | | 1.2E+03 |
| | | | | | | 8.0E+01 | I | V | | 2.1E+03 | 1.4E+09 | 1.2E+03 | 1 | | Tetrafluoroethane, 1,1,1,2- | 811-97-2 | | | | | | | 1.3E+06 | 1.3E+06 |
| | | | | 2.0E-03 | P | | | | | | 1.4E+09 | | 1 | 0.00065 | Tetryl (Trinitrophenylmethylnitramine) | 479-45-8 | | | | | 7.0E+03 | 2.5E+06 | | 7.0E+03 |
| | | | | 2.0E-05 | S | | | | | | 1.4E+09 | | 1 | | Thallic Oxide | 1314-32-5 | | | | | 7.0E+01 | | | 7.0E+01 |
| | | | | 1.0E-05 | X | | | | | | 1.4E+09 | | 1 | | Thallium (I) Nitrate | 10102-45-1 | | | | | 3.5E+01 | | | 3.5E+01 |
| | | | | 1.0E-05 | X | | | | | | 1.4E+09 | | 1 | | Thallium (Soluble Salts) | 7440-28-0 | | | | | 3.5E+01 | | | 3.5E+01 |
| | | | | 1.0E-05 | X | | | V | | | 1.4E+09 | | 1 | | Thallium Acetate | 563-68-8 | | | | | 3.5E+01 | | | 3.5E+01 |
| | | | | 2.0E-05 | X | | | V | | | 1.4E+09 | | 1 | | Thallium Carbonate | 6533-73-9 | | | | | 7.0E+01 | | | 7.0E+01 |
| | | | | 1.0E-05 | X | | | | | | 1.4E+09 | | 1 | | Thallium Chloride | 7791-12-0 | | | | | 3.5E+01 | | | 3.5E+01 |
| | | | | 1.0E-05 | S | | | | | | 1.4E+09 | | 1 | | Thallium Selenite | 12039-52-0 | | | | | 3.5E+01 | | | 3.5E+01 |
| | | | | 2.0E-05 | X | | | | | | 1.4E+09 | | 1 | | Thallium Sulfate | 7446-18-6 | | | | | 7.0E+01 | | | 7.0E+01 |
| | | | | 4.3E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Thifensulfuron-methyl | 79277-27-3 | | | | | 1.5E+05 | 3.6E+05 | | 1.1E+05 |
| | | | | 1.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Thiobencarb | 28249-77-6 | | | | | 3.5E+04 | 8.3E+04 | | 2.5E+04 |
| | | | | 7.0E-02 | X | | | | | | 1.4E+09 | | 1 | 0.0075 | Thiodiglycol | 111-48-8 | | | | | 2.5E+05 | 7.7E+06 | | 2.4E+05 |
| | | | | 3.0E-04 | H | | | | | | 1.4E+09 | | 1 | 0.1 | Thiofanox | 39196-18-4 | | | | | 1.1E+03 | 2.5E+03 | | 7.4E+02 |
| 1.2E-02 | O | | | 2.7E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Thiophanate, Methyl | 23564-05-8 | 2.8E+04 | 6.7E+04 | | 2.0E+04 | 9.4E+04 | 2.2E+05 | | 6.6E+04 |
| | | | | 1.5E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Thiram | 137-26-8 | | | | | 5.3E+04 | 1.2E+05 | | 3.7E+04 |
| | | | | 6.0E-01 | H | | | | | | 1.4E+09 | | 1 | | Tin | 7440-31-5 | | | | | 2.1E+06 | | | 2.1E+06 |
| | | | | | | 1.0E-04 | A | V | | | 1.4E+09 | | 1 | | Titanium Tetrachloride | 7550-45-0 | | | | | | | 1.8E+06 | 1.8E+06 |
| | | | | 8.0E-02 | I | 5.0E+00 | I | V | | 8.2E+02 | 1.4E+09 | 4.3E+03 | 1 | | Toluene | 108-88-3 | | | | | 2.8E+05 | | 2.8E+05 | 1.4E+05 |
| | | 1.1E-05 | C | | | 8.0E-06 | C | V | | | 1.4E+09 | 7.6E+05 | 1 | | Toluene-2,4-diisocyanate | 584-84-9 | | | 8.5E+04 | 8.5E+04 | | | 8.0E+01 | 8.0E+01 |
| 1.8E-01 | X | | | 2.0E-04 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Toluene-2,5-diamine | 95-70-5 | 1.8E+03 | 4.3E+03 | | 1.3E+03 | 7.0E+02 | 1.7E+03 | | 4.9E+02 |
| | | 1.1E-05 | C | | | 8.0E-06 | C | V | | 1.7E+03 | 1.4E+09 | 6.3E+05 | 1 | | Toluene-2,6-diisocyanate | 91-08-7 | | | 7.0E+04 | 7.0E+04 | | | 6.6E+01 | 6.6E+01 |
| | | | | 5.0E-03 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Toluic Acid, p- | 99-94-5 | | | | | 1.8E+04 | 4.1E+04 | | 1.2E+04 |
| 1.6E-02 | P | 5.1E-05 | C | | | | | | | | 1.4E+09 | | 1 | 0.1 | Toluidine, o- (Methylaniline, 2-) | 95-53-4 | 2.0E+04 | 4.8E+04 | 3.3E+07 | 1.4E+04 | | | | |
| 3.0E-02 | P | | | 4.0E-03 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Toluidine, p- | 106-49-0 | 1.1E+04 | 2.6E+04 | | 7.7E+03 | 1.4E+04 | 3.3E+04 | | 9.8E+03 |
| | | | | 3.0E+00 | P | | | V | | 3.4E-01 | 1.4E+09 | 1.4E+03 | 1 | | Total Petroleum Hydrocarbons (Aliphatic High) | E1790670 | | | | | 1.1E+07 | | | 1.1E+07 |
| | | | | | | 6.0E-01 | P | V | | 1.4E+02 | 1.4E+09 | 8.3E+02 | 1 | | Total Petroleum Hydrocarbons (Aliphatic Low) | E1790666 | | | | | | | 6.5E+03 | 6.5E+03 |
| | | | | 1.0E-02 | X | 1.0E-01 | P | V | | 6.9E+00 | 1.4E+09 | 1.0E+03 | 1 | | Total Petroleum Hydrocarbons (Aliphatic Medium) | E1790668 | | | | | 3.5E+04 | | 1.4E+03 | 1.3E+03 |
| | | | | 4.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Total Petroleum Hydrocarbons (Aromatic High) | E1790676 | | | | | 1.4E+05 | 3.3E+05 | | 9.8E+04 |
| | | | | 4.0E-03 | P | 3.0E-02 | P | V | | 1.8E+03 | 1.4E+09 | 3.5E+03 | 1 | | Total Petroleum Hydrocarbons (Aromatic Low) | E1790672 | | | | | 1.4E+04 | | 1.4E+03 | 1.3E+03 |
| | | | | 4.0E-03 | P | 3.0E-03 | P | V | | | 1.4E+09 | 5.2E+04 | 1 | | Total Petroleum Hydrocarbons (Aromatic Medium) | E1790674 | | | | | 1.4E+04 | | 2.1E+03 | 1.8E+03 |
| 1.1E+00 | I | 3.2E-04 | I | | | | | | | | 1.4E+09 | | 1 | 0.1 | Toxaphene | 8001-35-2 | 3.0E+02 | 7.0E+02 | 5.2E+06 | 2.1E+02 | | | | |
| | | | | 7.5E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Tralomethrin | 66841-25-6 | | | | | 2.6E+04 | 6.2E+04 | | 1.8E+04 |
| | | | | 3.0E-04 | A | | | V | | | 1.4E+09 | 3.4E+03 | 1 | | Tri-n-butyltin | 688-73-3 | | | | | 1.1E+03 | | | 1.1E+03 |
| | | | | 8.0E+01 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Triacetin | 102-76-1 | | | | | 2.8E+08 | 6.6E+08 | | 2.0E+08 |
| | | | | 3.4E-02 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Triadimefon | 43121-43-3 | | | | | 1.2E+05 | 2.8E+05 | | 8.4E+04 |
| 7.2E-02 | O | | | 2.5E-02 | O | | | V | | | 1.4E+09 | 3.6E+05 | 1 | | Triallate | 2303-17-5 | 4.6E+03 | | | 4.6E+03 | 8.8E+04 | | | 8.8E+04 |
| | | | | 1.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Triasulfuron | 82097-50-5 | | | | | 3.5E+04 | 8.3E+04 | | 2.5E+04 |
| | | | | 8.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Tribenuron-methyl | 101200-48-0 | | | | | 2.8E+04 | 6.6E+04 | | 2.0E+04 |
| | | | | 5.0E-03 | I | | | V | | | 1.4E+09 | 4.8E+04 | 1 | | Tribromobenzene, 1,2,4- | 615-54-3 | | | | | 1.8E+04 | | | 1.8E+04 |
| | | | | 9.0E-03 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Tribromophenol, 2,4,6- | 118-79-6 | | | | | 3.2E+04 | 7.5E+04 | | 2.2E+04 |
| 9.0E-03 | P | | | 1.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Tributyl Phosphate | 126-73-8 | 3.6E+04 | 8.6E+04 | | 2.6E+04 | 3.5E+04 | 8.3E+04 | | 2.5E+04 |
| | | | | 3.0E-04 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Tributyltin Compounds | E1790678 | | | | | 1.1E+03 | 2.5E+03 | | 7.4E+02 |
| | | | | 3.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Tributyltin Oxide | 56-35-9 | | | | | 1.1E+03 | 2.5E+03 | | 7.4E+02 |
| | | | | 3.0E+01 | I | 5.0E+00 | P | V | | 9.1E+02 | 1.4E+09 | 1.3E+03 | 1 | | Trichloro-1,2,2-trifluoroethane, 1,1,2- | 76-13-1 | | | | | 1.1E+08 | | 8.4E+04 | 8.4E+04 |

RML
THQ=3.0

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice) ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

| Toxicity and Chemical-specific Information | | | | | | | | | | | | | | | Contaminant | | Carcinogenic Target Risk (TR) = 1E-04 | | | | Noncancer 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 | muta-gen | $C_{sat}$ (mg/kg) | PEF (m$^3$/kg) | VF (m$^3$/kg) | GIABS | ABS | 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 THQ=3 (mg/kg) | Dermal SL THQ=3 (mg/kg) | Inhalation SL THQ=3 (mg/kg) | Noncarcinogenic SL THI=3 (mg/kg) |
| 7.0E-02 | I | | | 2.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Trichloroacetic Acid | 76-03-9 | 4.7E+03 | 1.1E+04 | | 3.3E+03 | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| 2.9E-02 | H | | | | | | | | | | 1.4E+09 | | 1 | 0.1 | Trichloroaniline HCl, 2,4,6- | 33663-50-2 | 1.1E+04 | 2.7E+04 | | 7.9E+03 | | | | |
| 7.0E-03 | X | | | 3.0E-05 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Trichloroaniline, 2,4,6- | 634-93-5 | 4.7E+04 | 1.1E+05 | | 3.3E+04 | 1.1E+02 | 2.5E+02 | | 7.4E+01 |
| | | | | 8.0E-04 | X | | | V | | | 1.4E+09 | 3.2E+04 | 1 | | Trichlorobenzene, 1,2,3- | 87-61-6 | | | | | 2.8E+03 | | | 2.8E+03 |
| 2.9E-02 | P | | | 1.0E-02 | I | 2.0E-03 | P | V | | 4.0E+02 | 1.4E+09 | 3.0E+04 | 1 | | Trichlorobenzene, 1,2,4- | 120-82-1 | 1.1E+04 | | | 1.1E+04 | 3.5E+04 | | 7.9E+02 | 7.7E+02 |
| | | | | 2.0E+00 | I | 5.0E+00 | I | V | | 6.4E+02 | 1.4E+09 | 1.6E+03 | 1 | | Trichloroethane, 1,1,1- | 71-55-6 | | | | | 7.0E+06 | | 1.1E+05 | 1.1E+05 |
| 5.7E-02 | I | 1.6E-05 | I | 4.0E-03 | I | 2.0E-04 | X | V | | 2.2E+03 | 1.4E+09 | 7.2E+03 | 1 | | Trichloroethane, 1,1,2- | 79-00-5 | 5.7E+03 | | 5.5E+02 | 5.0E+02 | 1.4E+04 | | 1.9E+01 | 1.9E+01 |
| 4.6E-02 | I | 4.1E-06 | I | 5.0E-04 | I | 2.0E-03 | I | V | M | 6.9E+02 | 1.4E+09 | 2.2E+03 | 1 | | Trichloroethylene | 79-01-6 | 7.1E+03 | | 6.6E+02 | 6.0E+02 | 1.8E+03 | | 5.8E+01 | 5.6E+01 |
| | | | | 3.0E-01 | I | | | V | | 1.2E+03 | 1.4E+09 | 1.0E+03 | 1 | | Trichlorofluoromethane | 75-69-4 | | | | | 1.1E+06 | | | 1.1E+06 |
| | | | | 1.0E-01 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Trichlorophenol, 2,4,5- | 95-95-4 | | | | | 3.5E+05 | 8.3E+05 | | 2.5E+05 |
| 1.1E-02 | I | 3.1E-06 | I | 1.0E-03 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Trichlorophenol, 2,4,6- | 88-06-2 | 3.0E+04 | 7.0E+04 | 5.4E+08 | 2.1E+04 | 3.5E+03 | 8.3E+03 | | 2.5E+03 |
| | | | | 1.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Trichlorophenoxyacetic Acid, 2,4,5- | 93-76-5 | | | | | 3.5E+04 | 8.3E+04 | | 2.5E+04 |
| | | | | 8.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Trichlorophenoxypropionic acid, -2,4,5 | 93-72-1 | | | | | 2.8E+04 | 6.6E+04 | | 2.0E+04 |
| | | | | 5.0E-03 | I | | | V | | 1.3E+03 | 1.4E+09 | 1.5E+04 | 1 | | Trichloropropane, 1,1,2- | 598-77-6 | | | | | 1.8E+04 | | | 1.8E+04 |
| 3.0E+01 | I | | | 4.0E-03 | I | 3.0E-04 | I | V | M | 1.4E+03 | 1.4E+09 | 1.6E+04 | 1 | | Trichloropropane, 1,2,3- | 96-18-4 | 1.1E+01 | | | 1.1E+01 | 1.4E+04 | | 6.2E+01 | 6.2E+01 |
| | | | | 3.0E-03 | X | 3.0E-04 | P | V | | 3.1E+02 | 1.4E+09 | 2.3E+03 | 1 | | Trichloropropene, 1,2,3- | 96-19-5 | | | | | 1.1E+04 | | 9.2E+00 | 9.2E+00 |
| | | | | 2.0E-02 | A | | | | | | 1.4E+09 | | 1 | 0.1 | Tricresyl Phosphate (TCP) | 1330-78-5 | | | | | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| | | | | 3.0E-03 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Tridiphane | 58138-08-2 | | | | | 1.1E+04 | 2.5E+04 | | 7.4E+03 |
| | | | | | | 7.0E-03 | I | V | | 2.8E+04 | 1.4E+09 | 1.6E+04 | 1 | | Triethylamine | 121-44-8 | | | | | | | 1.5E+03 | 1.5E+03 |
| | | | | 2.0E+00 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Triethylene Glycol | 112-27-6 | | | | | 7.0E+06 | 1.7E+07 | | 4.9E+06 |
| | | | | | | 2.0E+01 | P | V | | 4.8E+03 | 1.4E+09 | 7.1E+02 | 1 | | Trifluoroethane, 1,1,1- | 420-46-2 | | | | | | | 1.9E+05 | 1.9E+05 |
| 7.7E-03 | I | | | 7.5E-03 | I | | | V | | | 1.4E+09 | 5.1E+05 | 1 | | Trifluralin | 1582-09-8 | 4.2E+04 | | | 4.2E+04 | 2.6E+04 | | | 2.6E+04 |
| 2.0E-02 | P | | | 1.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Trimethyl Phosphate | 512-56-1 | 1.6E+04 | 3.9E+04 | | 1.1E+04 | 3.5E+04 | 8.3E+04 | | 2.5E+04 |
| | | | | 1.0E-02 | I | 6.0E-02 | I | V | | 2.9E+02 | 1.4E+09 | 9.4E+03 | 1 | | Trimethylbenzene, 1,2,3- | 526-73-8 | | | | | 3.5E+04 | | 7.4E+03 | 6.1E+03 |
| | | | | 1.0E-02 | I | 6.0E-02 | I | V | | 2.2E+02 | 1.4E+09 | 7.9E+03 | 1 | | Trimethylbenzene, 1,2,4- | 95-63-6 | | | | | 3.5E+04 | | 6.2E+03 | 5.3E+03 |
| | | | | 1.0E-02 | I | 6.0E-02 | I | V | | 1.8E+02 | 1.4E+09 | 6.6E+03 | 1 | | Trimethylbenzene, 1,3,5- | 108-67-8 | | | | | 3.5E+04 | | 5.2E+03 | 4.5E+03 |
| | | | | 1.0E-02 | X | | | V | | 3.0E+01 | 1.4E+09 | 1.0E+03 | 1 | | Trimethylpentene, 2,4,4- | 25167-70-8 | | | | | 3.5E+04 | | | 3.5E+04 |
| | | | | 3.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.019 | Trinitrobenzene, 1,3,5- | 99-35-4 | | | | | 1.1E+05 | 1.3E+06 | | 9.7E+04 |
| 3.0E-02 | I | | | 5.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.032 | Trinitrotoluene, 2,4,6- | 118-96-7 | 1.1E+04 | 8.0E+04 | | 9.6E+03 | 1.8E+03 | 1.3E+04 | | 1.5E+03 |
| | | | | 2.0E-02 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Triphenylphosphine Oxide | 791-28-6 | | | | | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| | | | | 2.0E-02 | A | | | | | | 1.4E+09 | | 1 | 0.1 | Tris(1,3-Dichloro-2-propyl) Phosphate | 13674-87-8 | | | | | 7.0E+04 | 1.7E+05 | | 4.9E+04 |
| | | | | 1.0E-02 | X | | | | | | 1.4E+09 | | 1 | 0.1 | Tris(1-chloro-2-propyl)phosphate | 13674-84-5 | | | | | 3.5E+04 | 8.3E+04 | | 2.5E+04 |
| 2.3E+00 | C | 6.6E-04 | C | | | | | V | | 4.7E+02 | 1.4E+09 | 9.0E+05 | 1 | | Tris(2,3-dibromopropyl)phosphate | 126-72-7 | 1.4E+02 | | 1.7E+03 | 1.3E+02 | | | | |
| 2.0E-02 | P | | | 7.0E-03 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Tris(2-chloroethyl)phosphate | 115-96-8 | 1.6E+04 | 3.9E+04 | | 1.1E+04 | 2.5E+04 | 5.8E+04 | | 1.7E+04 |
| 3.2E-03 | P | | | 1.0E-01 | P | | | | | | 1.4E+09 | | 1 | 0.1 | Tris(2-ethylhexyl)phosphate | 78-42-2 | 1.0E+05 | 2.4E+05 | | 7.2E+04 | 3.5E+05 | 8.3E+05 | | 2.5E+05 |
| | | | | 8.0E-04 | P | | | | | | 1.4E+09 | | 1 | | Tungsten | 7440-33-7 | | | | | 2.8E+03 | | | 2.8E+03 |
| | | | | 2.0E-04 | A | 4.0E-05 | A | | | | 1.4E+09 | | 1 | | Uranium (Soluble Salts) | E715565 | | | | | 7.0E+02 | | 7.1E+05 | 7.0E+02 |
| 1.0E+00 | C | 2.9E-04 | C | | | | | | M | | 1.4E+09 | | 1 | 0.1 | Urethane | 51-79-6 | 3.3E+02 | 7.7E+02 | 5.7E+06 | 2.3E+02 | | | | |
| | | 8.3E-03 | P | 9.0E-03 | I | 7.0E-06 | P | | | | 1.4E+09 | | 0.026 | | Vanadium Pentoxide | 1314-62-1 | | | 2.0E+05 | 2.0E+05 | 3.2E+04 | | 1.3E+05 | 2.5E+04 |
| | | | | 5.0E-03 | S | 1.0E-04 | A | | | | 1.4E+09 | | 0.026 | | Vanadium and Compounds | 7440-62-2 | | | | | 1.8E+04 | | 1.8E+06 | 1.7E+04 |
| | | | | 1.0E-03 | I | | | V | | | 1.4E+09 | 1.2E+05 | 1 | | Vernolate | 1929-77-7 | | | | | 3.5E+03 | | | 3.5E+03 |
| | | | | 1.2E-03 | O | | | | | | 1.4E+09 | | 1 | 0.1 | Vinclozolin | 50471-44-8 | | | | | 4.2E+03 | 9.9E+03 | | 3.0E+03 |
| | | | | 1.0E+00 | H | 2.0E-01 | I | V | | 2.8E+03 | 1.4E+09 | 4.4E+03 | 1 | | Vinyl Acetate | 108-05-4 | | | | | 3.5E+06 | | 1.2E+04 | 1.2E+04 |
| | | 3.2E-05 | H | | | 3.0E-03 | I | V | | 2.5E+03 | 1.4E+09 | 1.4E+03 | 1 | | Vinyl Bromide | 593-60-2 | | | 5.2E+01 | 5.2E+01 | | | 5.4E+01 | 5.4E+01 |
| 7.2E-01 | I | 4.4E-06 | I | 3.0E-03 | I | 1.0E-01 | I | V | M | 3.9E+03 | 1.4E+09 | 9.6E+02 | 1 | | Vinyl Chloride | 75-01-4 | 4.5E+02 | | 2.7E+02 | 1.7E+02 | 1.1E+04 | | 1.3E+03 | 1.1E+03 |
| | | | | 3.0E-04 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Warfarin | 81-81-2 | | | | | 1.1E+03 | 2.5E+03 | | 7.4E+02 |
| | | | | 2.0E-01 | S | 1.0E-01 | S | V | | 3.9E+02 | 1.4E+09 | 5.6E+03 | 1 | | Xylene, P- | 106-42-3 | | | | | 7.0E+05 | | 7.3E+03 | 7.3E+03 |
| | | | | 2.0E-01 | S | 1.0E-01 | S | V | | 3.9E+02 | 1.4E+09 | 5.5E+03 | 1 | | Xylene, m- | 108-38-3 | | | | | 7.0E+05 | | 7.2E+03 | 7.1E+03 |
| | | | | 2.0E-01 | S | 1.0E-01 | S | V | | 4.3E+02 | 1.4E+09 | 6.5E+03 | 1 | | Xylene, o- | 95-47-6 | | | | | 7.0E+05 | | 8.5E+03 | 8.4E+03 |
| | | | | 2.0E-01 | I | 1.0E-01 | I | V | | 2.6E+02 | 1.4E+09 | 5.7E+03 | 1 | | Xylenes | 1330-20-7 | | | | | 7.0E+05 | | 7.5E+03 | 7.5E+03 |
| | | | | 3.0E-04 | I | | | | | | 1.4E+09 | | 1 | | Zinc Phosphide | 1314-84-7 | | | | | 1.1E+03 | | | 1.1E+03 |
| | | | | 3.0E-01 | I | | | | | | 1.4E+09 | | 1 | | Zinc and Compounds | 7440-66-6 | | | | | 1.1E+06 | | | 1.1E+06 |
| | | | | 5.0E-02 | I | | | | | | 1.4E+09 | | 1 | 0.1 | Zineb | 12122-67-7 | | | | | 1.8E+05 | 4.1E+05 | | 1.2E+05 |
| | | | | 8.0E-05 | X | | | | | | 1.4E+09 | | 1 | | Zirconium | 7440-67-7 | | | | | 2.8E+02 | | | 2.8E+02 |

RML
THQ=3.0

| Contaminant | | Molecular Weight | | Volatility Parameters | | | | | | Melting Point | | Density | | Diffusivity in Air and Water | | | | Partition Coefficients | | | | | | Water Solubility | | Tapwater Dermal Parameters | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | CAS No. | MW | MW Ref | H' (unitless) | HLC (atm-m$^3$/mole) | H' and HLC Ref | VP mmHg | VP Ref | MP C | MP Ref | Density (g/cm$^3$) | Density Ref | Dia (cm$^2$/s) | Diw (cm$^2$/s) | $D_{ia}$ and $D_{iw}$ Ref | $K_d$ (L/kg) | $K_d$ Ref | $K_{oc}$ (L/kg) | $K_{oc}$ Ref | log $K_{ow}$ (unitless) | log $K_{ow}$ Ref | S (mg/L) | S Ref | B (unitless) | $\tau_{event}$ (hr/event) | t* (hr) | $K_p$ (cm/hr) | $K_p$ Ref |
| Acephate | 30560-19-1 | 1.8E+02 | PHYSPROP | 2.0E-11 | 5.0E-13 | EPI | 1.7E-06 | PHYSPROP | 8.8E+01 | PHYSPROP | 1.4E+00 | CRC89 | 3.7E-02 | 8.0E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+01 | EPI | -8.5E-01 | PHYSPROP | 8.2E+05 | PHYSPROP | 2.1E-04 | 1.1E+00 | 2.7E+00 | 4.0E-05 | EPI |
| Acetaldehyde | 75-07-0 | 4.4E+01 | PHYSPROP | 2.7E-03 | 6.7E-05 | PHYSPROP | 9.0E+02 | PHYSPROP | -1.2E+02 | PHYSPROP | 7.8E-01 | CRC89 | 1.3E-01 | 1.4E-05 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | -3.4E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 1.3E-03 | 1.9E-01 | 4.5E-01 | 5.3E-04 | EPI |
| Acetochlor | 34256-82-1 | 2.7E+02 | PHYSPROP | 9.1E-07 | 2.2E-08 | PHYSPROP | 2.8E-05 | PHYSPROP | 1.1E+01 | PubChem | 1.1E+00 | PubChem | 2.2E-02 | 5.6E-06 | WATER9 (U.S. EPA, 2001) | | | 3.0E+02 | EPI | 3.0E+00 | PHYSPROP | 2.2E+02 | PHYSPROP | 3.1E-02 | 3.4E+00 | 8.2E+00 | 5.0E-03 | EPI |
| Acetone | 67-64-1 | 5.8E+01 | PHYSPROP | 1.4E-03 | 3.5E-05 | PHYSPROP | 2.3E+02 | PHYSPROP | -9.5E+01 | PHYSPROP | 7.8E-01 | CRC89 | 1.1E-01 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 2.4E+00 | EPI | -2.4E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 1.5E-03 | 2.2E-01 | 5.3E-01 | 5.1E-04 | EPI |
| Acetone Cyanohydrin | 75-86-5 | 8.5E+01 | PHYSPROP | 8.1E-08 | 2.0E-09 | PHYSPROP | 3.4E-01 | PHYSPROP | -1.9E+01 | PHYSPROP | 9.3E-01 | CRC89 | 8.6E-02 | 1.0E-05 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | -3.0E-02 | PHYSPROP | 1.0E+06 | PHYSPROP | 1.8E-03 | 3.2E-01 | 7.6E-01 | 5.0E-04 | EPI |
| Acetonitrile | 75-05-8 | 4.1E+01 | PHYSPROP | 1.4E-03 | 3.5E-05 | PHYSPROP | 8.9E+01 | PHYSPROP | -4.4E+01 | PHYSPROP | 7.9E-01 | CRC89 | 1.3E-01 | 1.4E-05 | WATER9 (U.S. EPA, 2001) | | | 4.7E+00 | EPI | -3.4E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 1.4E-03 | 1.8E-01 | 4.3E-01 | 5.5E-04 | EPI |
| Acetophenone | 98-86-2 | 1.2E+02 | PHYSPROP | 4.3E-04 | 1.0E-05 | PHYSPROP | 4.0E-01 | PHYSPROP | 2.0E+01 | PHYSPROP | 1.0E+00 | CRC89 | 6.5E-02 | 8.7E-06 | WATER9 (U.S. EPA, 2001) | | | 5.2E+01 | EPI | 1.6E+00 | PHYSPROP | 6.1E+03 | PHYSPROP | 1.6E-02 | 5.0E-01 | 1.2E+00 | 3.7E-03 | EPI |
| Acetylaminofluorene, 2- | 53-96-3 | 2.2E+02 | PHYSPROP | 7.8E-09 | 1.9E-10 | PHYSPROP | 9.4E-08 | PHYSPROP | 1.9E+02 | PHYSPROP | | | 5.2E-02 | 6.0E-06 | WATER9 (U.S. EPA, 2001) | | | 2.2E+03 | EPI | 3.1E+00 | PHYSPROP | 5.5E+00 | PHYSPROP | 7.2E-02 | 1.9E+00 | 4.5E+00 | 1.2E-02 | RAGSE |
| Acrolein | 107-02-8 | 5.6E+01 | PHYSPROP | 5.0E-03 | 1.2E-04 | PHYSPROP | 2.7E+02 | PHYSPROP | -8.8E+01 | PHYSPROP | 8.4E-01 | CRC89 | 1.1E-01 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | -1.0E-02 | PHYSPROP | 2.1E+05 | PHYSPROP | 2.2E-03 | 2.2E-01 | 5.2E-01 | 7.5E-04 | EPI |
| Acrylamide | 79-06-1 | 7.1E+01 | PHYSPROP | 7.0E-08 | 1.7E-09 | EPI | 7.0E-03 | PHYSPROP | 8.5E+01 | PHYSPROP | 1.2E+00 | LANGE | 1.1E-01 | 1.3E-05 | WATER9 (U.S. EPA, 2001) | | | 5.7E+00 | EPI | -6.7E-01 | PHYSPROP | 3.9E+05 | PHYSPROP | 7.3E-04 | 2.6E-01 | 6.3E-01 | 2.2E-04 | EPI |
| Acrylic Acid | 79-10-7 | 7.2E+01 | PHYSPROP | 1.5E-05 | 3.7E-07 | EPI | 4.0E+00 | PHYSPROP | 1.3E+01 | PHYSPROP | 1.1E+00 | CRC89 | 1.0E-01 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 1.4E+00 | EPI | 3.5E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 3.4E-03 | 2.7E-01 | 6.4E-01 | 1.1E-03 | EPI |
| Acrylonitrile | 107-13-1 | 5.3E+01 | PHYSPROP | 5.6E-03 | 1.4E-04 | PHYSPROP | 1.1E+02 | PHYSPROP | -8.4E+01 | PHYSPROP | 8.0E-01 | CRC89 | 1.1E-01 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 8.5E+00 | EPI | 2.5E-01 | PHYSPROP | 7.5E+04 | PHYSPROP | 3.3E-03 | 2.1E-01 | 5.0E-01 | 1.2E-03 | EPI |
| Adiponitrile | 111-69-3 | 1.1E+02 | PHYSPROP | 4.9E-08 | 1.2E-09 | EPI | 6.8E-04 | PHYSPROP | 1.0E+00 | PHYSPROP | 9.7E-01 | CRC89 | 7.1E-02 | 9.0E-06 | WATER9 (U.S. EPA, 2001) | | | 2.0E+01 | EPI | -3.2E-01 | PHYSPROP | 8.0E+04 | PHYSPROP | 9.5E-04 | 4.2E-01 | 1.0E+00 | 2.4E-04 | EPI |
| Alachlor | 15972-60-8 | 2.7E+02 | PHYSPROP | 3.4E-07 | 8.3E-09 | PHYSPROP | 2.2E-05 | PHYSPROP | 4.0E+01 | PHYSPROP | 1.1E+00 | CRC89 | 2.3E-02 | 5.7E-06 | WATER9 (U.S. EPA, 2001) | | | 3.1E+02 | EPI | 3.5E+00 | PHYSPROP | 2.4E+02 | PHYSPROP | 6.6E-02 | 3.4E+00 | 8.2E+00 | 1.1E-02 | EPI |
| Aldicarb | 116-06-3 | 1.9E+02 | PHYSPROP | 5.9E-08 | 1.4E-09 | EPI | 3.5E-05 | PHYSPROP | 9.9E+01 | PHYSPROP | 1.2E+00 | CRC89 | 3.2E-02 | 7.2E-06 | WATER9 (U.S. EPA, 2001) | | | 2.5E+01 | EPI | 1.1E+00 | PHYSPROP | 6.0E+03 | PHYSPROP | 4.0E-03 | 1.2E+00 | 2.9E+00 | 7.6E-04 | EPI |
| Aldicarb Sulfone | 1646-88-4 | 2.2E+02 | PHYSPROP | 1.4E-07 | 3.4E-09 | EPI | 9.0E-05 | PHYSPROP | 1.4E+02 | PHYSPROP | | | 5.2E-02 | 6.1E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+01 | EPI | -5.7E-01 | PHYSPROP | 1.0E+04 | PHYSPROP | 2.1E-04 | 1.8E+00 | 4.4E+00 | 3.7E-05 | EPI |
| Aldicarb sulfoxide | 1646-87-3 | 2.1E+02 | PHYSPROP | 4.0E-08 | 9.7E-10 | EPI | 1.0E-04 | PHYSPROP | 7.8E+01 | EPI | | | 5.4E-02 | 6.4E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+01 | EPI | -7.8E-01 | PHYSPROP | 2.8E+04 | PHYSPROP | 1.8E-04 | 1.5E+00 | 3.6E+00 | 3.3E-05 | EPI |
| Aldrin | 309-00-2 | 3.6E+02 | PHYSPROP | 1.8E-03 | 4.4E-05 | PHYSPROP | 1.2E-04 | PHYSPROP | 1.0E+02 | PHYSPROP | 1.6E+00 | PubChem | 2.3E-02 | 5.8E-06 | WATER9 (U.S. EPA, 2001) | | | 8.2E+04 | EPI | 6.5E+00 | PHYSPROP | 1.7E-02 | PHYSPROP | 2.2E-000 | 1.2E+01 | 4.8E+01 | 2.9E-01 | EPI |
| Allyl Alcohol | 107-18-6 | 5.8E+01 | PHYSPROP | 2.0E-04 | 5.0E-06 | PHYSPROP | 2.6E+01 | PHYSPROP | -1.3E+02 | PHYSPROP | 8.5E-01 | CRC89 | 1.1E-01 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 1.9E+00 | EPI | 1.7E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 2.8E-03 | 2.2E-01 | 5.3E-01 | 9.6E-04 | EPI |
| Allyl Chloride | 107-05-1 | 7.7E+01 | PHYSPROP | 4.5E-01 | 1.1E-02 | EPI | 3.7E+02 | PHYSPROP | -1.3E+02 | PHYSPROP | 9.4E-01 | CRC89 | 9.4E-02 | 1.1E-05 | WATER9 (U.S. EPA, 2001) | | | 4.0E+01 | EPI | 1.9E+00 | PHYSPROP | 3.4E+03 | PHYSPROP | 3.8E-02 | 2.8E-01 | 6.8E-01 | 1.1E-02 | EPI |
| Aluminum | 7429-90-5 | 2.7E+01 | CRC89 | | | | 0.0E+00 | NIOSH | 6.6E+02 | CRC89 | 2.7E+00 | CRC89 | | | | 1.5E+03 | BAES | | | | | | | 2.0E-03 | 1.5E-01 | 3.6E-01 | 1.0E-03 | RAGSE |
| Aluminum Phosphide | 20859-73-8 | 5.8E+01 | PHYSPROP | | | | | | 2.6E+03 | CRC89 | 2.4E+00 | CRC89 | | | | | | | | | | | | 2.9E-03 | 2.2E-01 | 5.3E-01 | 1.0E-03 | RAGSE |
| Ametryn | 834-12-8 | 2.3E+02 | PHYSPROP | 9.9E-08 | 2.4E-09 | EPI | 2.7E-06 | PHYSPROP | 8.8E+01 | PHYSPROP | | | 5.1E-02 | 6.0E-06 | WATER9 (U.S. EPA, 2001) | | | 4.3E+02 | EPI | 3.0E+00 | PHYSPROP | 2.1E+02 | PHYSPROP | 4.6E-02 | 2.0E+00 | 4.7E+00 | 7.9E-03 | EPI |
| Aminobiphenyl, 4- | 92-67-1 | 1.7E+02 | PHYSPROP | 6.0E-06 | 1.5E-07 | PHYSPROP | 1.2E-04 | PHYSPROP | 5.4E+01 | PHYSPROP | | | 6.2E-02 | 7.3E-06 | WATER9 (U.S. EPA, 2001) | | | 2.5E+03 | EPI | 2.9E+00 | PHYSPROP | 2.2E+02 | PHYSPROP | 7.0E-02 | 9.3E-01 | 2.2E+00 | 1.4E-02 | EPI |
| Aminophenol, m- | 591-27-5 | 1.1E+02 | PHYSPROP | 8.1E-09 | 2.0E-10 | PHYSPROP | 9.6E-03 | PHYSPROP | 1.2E+02 | PHYSPROP | | | 8.3E-02 | 9.7E-06 | WATER9 (U.S. EPA, 2001) | | | 9.0E+01 | EPI | 2.1E-01 | PHYSPROP | 2.7E+04 | PHYSPROP | 2.1E-03 | 4.3E-01 | 1.0E+00 | 5.3E-04 | EPI |
| Aminophenol, o- | 95-55-6 | 1.1E+02 | PHYSPROP | 8.1E-09 | 2.0E-10 | PHYSPROP | 9.6E-03 | PHYSPROP | 1.7E+02 | PHYSPROP | 1.3E+00 | CRC89 | 8.0E-02 | 1.0E-05 | WATER9 (U.S. EPA, 2001) | | | 9.2E+01 | EPI | 6.2E-01 | PHYSPROP | 1.0E+04 | PHYSPROP | 4.0E-03 | 4.3E-01 | 1.0E+00 | 9.9E-04 | EPI |
| Aminophenol, p- | 123-30-8 | 1.1E+02 | PHYSPROP | 1.5E-08 | 3.6E-10 | EPI | 4.0E-05 | EPI | 1.9E+02 | PHYSPROP | | | 8.3E-02 | 9.7E-06 | WATER9 (U.S. EPA, 2001) | | | 9.0E+01 | EPI | 4.0E-02 | PHYSPROP | 1.6E+04 | PHYSPROP | 1.6E-03 | 4.3E-01 | 1.0E+00 | 4.1E-04 | EPI |
| Amitraz | 33089-61-1 | 2.9E+02 | PHYSPROP | 4.0E-04 | 9.9E-06 | PHYSPROP | 2.0E-06 | PHYSPROP | 8.6E+01 | PHYSPROP | 1.1E+00 | CRC89 | 2.2E-02 | 5.4E-06 | WATER9 (U.S. EPA, 2001) | | | 2.6E+05 | EPI | 5.5E+00 | PHYSPROP | 1.0E+00 | PHYSPROP | 1.1E+00 | 4.6E+00 | 1.8E+01 | 1.6E-01 | EPI |
| Ammonia | 7664-41-7 | 1.7E+01 | PHYSPROP | 6.6E-04 | 1.6E-05 | PHYSPROP | 7.5E+03 | PHYSPROP | -7.8E+01 | PHYSPROP | 7.0E-01 | CRC89 | 2.3E-01 | 2.2E-05 | WATER9 (U.S. EPA, 2001) | | | | | 2.3E-01 | PHYSPROP | 4.8E+05 | PHYSPROP | 1.6E-03 | 1.3E-01 | 3.1E-01 | 1.0E-03 | RAGSE |
| Ammonium Sulfamate | 7773-06-0 | 1.1E+02 | CRC89 | | | | 0.0E+00 | NIOSH | 1.3E+02 | CRC89 | 1.8E+00 | PubChem | | | | | | | | | | 1.3E+06 | PERRY | 4.1E-03 | 4.6E-01 | 1.1E+00 | 1.0E-03 | RAGSE |
| Amyl Alcohol, tert- | 75-85-4 | 8.8E+01 | PHYSPROP | 5.6E-04 | 1.4E-05 | PHYSPROP | 1.7E+01 | PHYSPROP | -9.1E+00 | PHYSPROP | 8.1E-01 | CRC89 | 7.9E-02 | 9.1E-06 | WATER9 (U.S. EPA, 2001) | | | 4.1E+00 | EPI | 8.9E-01 | PHYSPROP | 1.1E+05 | PHYSPROP | 7.1E-03 | 3.3E-01 | 7.9E-01 | 2.0E-03 | EPI |
| Aniline | 62-53-3 | 9.3E+01 | PHYSPROP | 8.3E-05 | 2.0E-06 | PHYSPROP | 6.7E-01 | PHYSPROP | -6.0E+00 | PHYSPROP | 1.0E+00 | CRC89 | 8.3E-02 | 1.0E-05 | WATER9 (U.S. EPA, 2001) | | | 7.0E+01 | EPI | 9.0E-01 | PHYSPROP | 3.6E+04 | PHYSPROP | 6.9E-03 | 3.5E-01 | 8.4E-01 | 1.9E-03 | EPI |
| Anthraquinone, 9,10- | 84-65-1 | 2.1E+02 | PHYSPROP | 9.6E-07 | 2.4E-08 | EPI | 1.2E-07 | PHYSPROP | 2.9E+02 | PHYSPROP | | | 5.4E-02 | 6.3E-06 | WATER9 (U.S. EPA, 2001) | | | 5.0E+03 | EPI | 3.4E+00 | PHYSPROP | 1.4E+00 | PHYSPROP | 1.1E-01 | 1.5E+00 | 3.7E+00 | 1.9E-02 | EPI |
| Antimony (metallic) | 7440-36-0 | 1.2E+02 | CRC89 | | | | 0.0E+00 | NIOSH | 6.3E+02 | PHYSPROP | 6.7E+00 | CRC89 | | | | 4.5E+01 | SSL | | | | | | | 4.2E-03 | 5.1E-01 | 1.2E+00 | 1.0E-03 | RAGSE |
| Antimony Pentoxide | 1314-60-9 | 3.2E+02 | CRC89 | | | | | | | | 3.8E+00 | CRC89 | | | | | | | | | | 3.0E+03 | CRC89 | 6.9E-03 | 6.8E+00 | 1.6E+01 | 1.0E-03 | RAGSE |
| Antimony Tetroxide | 1332-81-6 | 3.1E+02 | EPI | | | | | | | | 6.6E+00 | CRC89 | | | | | | | | | | | | 6.7E-03 | 5.5E+00 | 1.3E+01 | 1.0E-03 | RAGSE |
| Antimony Trioxide | 1309-64-4 | 2.9E+02 | EPI | | | | | | 5.7E+02 | CRC89 | 5.6E+00 | CRC89 | | | | | | | | | | | | 6.6E-03 | 4.5E+00 | 1.1E+01 | 1.0E-03 | RAGSE |
| Arsenic, Inorganic | 7440-38-2 | 7.5E+01 | CRC89 | | | | | | 2.7E+02 | CRC89 | 4.9E+00 | CRC89 | | | | 2.9E+01 | SSL | | | | | | | 3.3E-03 | 2.8E-01 | 6.6E-01 | 1.0E-03 | RAGSE |
| Arsine | 7784-42-1 | 7.8E+01 | PHYSPROP | | | | | | -1.2E+02 | PHYSPROP | 3.2E+00 | CRC89 | | | | | | | | | | 2.0E+05 | PERRY | 3.4E-03 | 2.9E-01 | 6.9E-01 | 1.0E-03 | RAGSE |
| Asulam | 3337-71-1 | 2.3E+02 | PHYSPROP | 7.0E-11 | 1.7E-12 | PHYSPROP | 1.4E-06 | PHYSPROP | 1.4E+02 | PHYSPROP | | | 5.1E-02 | 5.9E-06 | WATER9 (U.S. EPA, 2001) | | | 2.8E+01 | EPI | -2.7E-01 | PHYSPROP | 5.0E+03 | PHYSPROP | 3.1E-04 | 2.0E+00 | 4.9E+00 | 5.3E-05 | EPI |
| Atrazine | 1912-24-9 | 2.2E+02 | PHYSPROP | 9.6E-08 | 2.4E-09 | EPI | 2.9E-07 | PHYSPROP | 1.7E+02 | PHYSPROP | 1.2E+00 | PubChem | 2.6E-02 | 6.8E-06 | WATER9 (U.S. EPA, 2001) | | | 2.2E+02 | EPI | 2.6E+00 | PHYSPROP | 3.5E+01 | PHYSPROP | 3.0E-02 | 1.7E+00 | 4.1E+00 | 5.2E-03 | EPI |
| Auramine | 492-80-8 | 2.7E+02 | PHYSPROP | 1.5E-07 | 3.6E-09 | PHYSPROP | 1.3E-06 | PHYSPROP | 1.4E+02 | PHYSPROP | | | 4.6E-02 | 5.3E-06 | WATER9 (U.S. EPA, 2001) | | | 4.5E+03 | EPI | 3.0E+00 | PHYSPROP | 5.4E+01 | PHYSPROP | 7.0E-02 | 3.3E+00 | 7.9E+00 | 1.1E-02 | RAGSE |
| Avermectin B1 | 65195-55-3 | 8.8E+02 | PHYSPROP | 5.4E-26 | 1.3E-27 | PHYSPROP | 1.5E-30 | PHYSPROP | 3.5E+02 | EPI | | | 2.1E-02 | 2.4E-06 | WATER9 (U.S. EPA, 2001) | | | 8.8E+05 | EPI | 4.5E+00 | PHYSPROP | 3.5E-04 | PHYSPROP | 2.1E-04 | 8.4E+03 | 2.0E+04 | 1.8E-05 | EPI |
| Azinphos-methyl | 86-50-0 | 3.2E+02 | PHYSPROP | 9.8E-07 | 2.4E-08 | EPI | 1.6E-06 | PHYSPROP | 7.3E+01 | PHYSPROP | 1.4E+00 | CRC89 | 2.3E-02 | 6.0E-06 | WATER9 (U.S. EPA, 2001) | | | 5.2E+01 | EPI | 2.8E+00 | PHYSPROP | 2.1E+01 | PHYSPROP | 1.2E-02 | 6.3E+00 | 1.5E+01 | 1.8E-03 | EPI |
| Azobenzene | 103-33-3 | 1.8E+02 | PHYSPROP | 5.5E-04 | 1.4E-05 | EPI | 3.6E-04 | PHYSPROP | 6.8E+01 | PHYSPROP | 1.2E+00 | PERRY | 3.6E-02 | 7.5E-06 | WATER9 (U.S. EPA, 2001) | | | 3.8E+03 | EPI | 3.8E+00 | PHYSPROP | 6.4E+00 | PHYSPROP | 2.7E-01 | 1.1E+00 | 2.6E+00 | 5.1E-02 | EPI |
| Azodicarbonamide | 123-77-3 | 1.2E+02 | PHYSPROP | 3.4E-11 | 8.2E-13 | EPI | 1.9E-10 | PHYSPROP | 2.1E+02 | EPI | 1.7E+00 | GuideChem | 8.3E-02 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 7.0E+01 | EPI | -1.7E+00 | PHYSPROP | 3.5E+01 | PHYSPROP | 1.1E-04 | 4.7E-01 | 1.1E+00 | 2.6E-05 | EPI |
| Barium | 7440-39-3 | 1.4E+02 | EPI | | | | | | 7.1E+02 | PHYSPROP | 3.6E+00 | CRC89 | | | | 4.1E+01 | SSL | | | | | | | 4.5E-03 | 6.2E-01 | 1.5E+00 | 1.0E-03 | RAGSE |
| Benfluralin | 1861-40-1 | 3.4E+02 | PHYSPROP | 1.2E-02 | 2.9E-04 | EPI | 6.5E-05 | PHYSPROP | 6.6E+01 | PHYSPROP | 1.3E+00 | ChemNet | 2.2E-02 | 5.5E-06 | WATER9 (U.S. EPA, 2001) | | | 1.6E+04 | EPI | 5.3E+00 | PHYSPROP | 1.0E-01 | PHYSPROP | 4.8E-01 | 7.9E+00 | 1.9E+01 | 6.8E-02 | EPI |
| Benomyl | 17804-35-2 | 2.9E+02 | PHYSPROP | 2.0E-10 | 4.9E-12 | PHYSPROP | 3.7E-09 | PHYSPROP | 1.4E+02 | EPI | | | 4.3E-02 | 5.1E-06 | WATER9 (U.S. EPA, 2001) | | | 3.4E+02 | EPI | 2.1E+00 | PHYSPROP | 3.8E+00 | PHYSPROP | 6.2E-03 | 4.4E+00 | 1.1E+01 | 9.4E-04 | EPI |
| Bensulfuron-methyl | 83055-99-6 | 4.1E+02 | PHYSPROP | 1.5E-13 | 3.8E-15 | EPI | 2.1E-14 | PHYSPROP | 1.9E+02 | PHYSPROP | | | 3.4E-02 | 4.0E-06 | WATER9 (U.S. EPA, 2001) | | | 2.8E+01 | EPI | 2.2E+00 | PHYSPROP | 1.2E+02 | PHYSPROP | 1.7E-03 | 2.1E+01 | 5.0E+01 | 2.2E-04 | EPI |
| Bentazon | 25057-89-0 | 2.4E+02 | PHYSPROP | 8.9E-08 | 2.2E-09 | EPI | 3.5E-06 | PHYSPROP | 1.4E+02 | PHYSPROP | | | 4.9E-02 | 5.7E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+01 | EPI | 2.3E+00 | PHYSPROP | 5.0E+02 | PHYSPROP | 1.5E-02 | 2.3E+00 | 5.6E+00 | 2.5E-03 | EPI |
| Benzaldehyde | 100-52-7 | 1.1E+02 | PHYSPROP | 1.1E-03 | 2.7E-05 | PHYSPROP | 1.3E+00 | PHYSPROP | -2.6E+01 | PHYSPROP | 1.0E+00 | CRC89 | 7.4E-02 | 9.5E-06 | WATER9 (U.S. EPA, 2001) | | | 1.1E+01 | EPI | 1.5E+00 | PHYSPROP | 7.0E+03 | PHYSPROP | 1.5E-02 | 4.1E-01 | 9.9E-01 | 3.8E-03 | EPI |
| Benzene | 71-43-2 | 7.8E+01 | PHYSPROP | 2.3E-01 | 5.6E-03 | PHYSPROP | 9.5E+01 | PHYSPROP | 5.5E+00 | PHYSPROP | 8.8E-01 | CRC89 | 9.0E-02 | 1.0E-05 | WATER9 (U.S. EPA, 2001) | | | 1.5E+02 | EPI | 2.1E+00 | PHYSPROP | 1.8E+03 | PHYSPROP | 5.1E-02 | 2.9E-01 | 6.9E-01 | 1.5E-02 | EPI |
| Benzenediamine-2-methyl sulfate, 1,4- | 6369-59-1 | 2.2E+02 | EPI | 8.9E-22 | 2.2E-23 | EPI | 2.9E-14 | EPI | 2.4E+02 | EPI | | | 5.2E-02 | 6.1E-06 | WATER9 (U.S. EPA, 2001) | | | 3.8E+01 | EPI | -3.7E+00 | EPI | 1.0E+06 | EPI | 1.7E-06 | 1.8E+00 | 4.3E+00 | 3.0E-07 | EPI |
| Benzenethiol | 108-98-5 | 1.1E+02 | PHYSPROP | 1.4E-02 | 3.4E-04 | EPI | 1.9E+00 | PHYSPROP | -1.5E+01 | PHYSPROP | 1.1E+00 | CRC89 | 7.3E-02 | 9.5E-06 | WATER9 (U.S. EPA, 2001) | | | 2.3E+02 | EPI | 2.5E+00 | PHYSPROP | 8.4E+02 | PHYSPROP | 7.2E-02 | 4.4E-01 | 1.0E+00 | 1.8E-02 | EPI |
| Benzidine | 92-87-5 | 1.8E+02 | PHYSPROP | 2.1E-09 | 5.2E-11 | PHYSPROP | 9.0E-07 | PHYSPROP | 1.2E+02 | PHYSPROP | 1.2E+00 | Yaws 2008 | 3.5E-02 | 7.5E-06 | WATER9 (U.S. EPA, 2001) | | | 1.2E+03 | EPI | 1.3E+00 | PHYSPROP | 3.2E+02 | PHYSPROP | 5.9E-03 | 1.1E+00 | 2.7E+00 | 1.1E-03 | EPI |
| Benzoic Acid | 65-85-0 | 1.2E+02 | PHYSPROP | 1.6E-06 | 3.8E-08 | EPI | 7.0E-04 | PHYSPROP | 1.2E+02 | PHYSPROP | 1.3E+00 | CRC89 | 7.0E-02 | 9.8E-06 | WATER9 (U.S. EPA, 2001) | | | 6.0E-01 | SSL | 1.9E+00 | PHYSPROP | 3.4E+03 | PHYSPROP | 2.4E-02 | 5.1E-01 | 1.2E+00 | 5.7E-03 | EPI |
| Benzotrichloride | 98-07-7 | 2.0E+02 | PHYSPROP | 1.1E-02 | 2.6E-04 | PHYSPROP | 4.1E-01 | EPI | -5.0E+00 | PHYSPROP | 1.4E+00 | CRC89 | 3.1E-02 | 7.7E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+03 | EPI | 3.9E+00 | PHYSPROP | 5.3E+01 | PHYSPROP | 2.6E-01 | 1.3E+00 | 3.1E+00 | 4.9E-02 | EPI |
| Benzyl Alcohol | 100-51-6 | 1.1E+02 | PHYSPROP | 1.4E-05 | 3.4E-07 | PHYSPROP | 9.4E-02 | PHYSPROP | -1.5E+01 | PHYSPROP | 1.0E+00 | CRC89 | 7.3E-02 | 9.4E-06 | WATER9 (U.S. EPA, 2001) | | | 2.1E+01 | EPI | 1.1E+00 | PHYSPROP | 4.3E+04 | PHYSPROP | 8.4E-03 | 4.2E-01 | 1.0E+00 | 2.1E-03 | EPI |
| Benzyl Chloride | 100-44-7 | 1.3E+02 | PHYSPROP | 1.7E-02 | 4.1E-04 | EPI | 1.2E+00 | PHYSPROP | -4.5E+01 | PHYSPROP | 1.1E+00 | CRC89 | 6.3E-02 | 8.8E-06 | WATER9 (U.S. EPA, 2001) | | | 4.5E+02 | EPI | 2.3E+00 | PHYSPROP | 5.3E+02 | PHYSPROP | 4.5E-02 | 5.4E-01 | 1.3E+00 | 1.0E-02 | EPI |
| Beryllium and compounds | 7440-41-7 | 9.0E+00 | EPI | | | | 0.0E+00 | NIOSH | 9.9E+02 | PHYSPROP | 1.9E+00 | CRC89 | | | | 7.9E+02 | SSL | | | | | | | 1.2E-03 | 1.2E-01 | 2.8E-01 | 1.0E-03 | RAGSE |
| Bifenox | 42576-02-3 | 3.4E+02 | PHYSPROP | 4.4E-06 | 1.1E-07 | EPI | 1.0E-07 | PHYSPROP | 8.5E+01 | PHYSPROP | 1.2E+00 | PubChem | 2.0E-02 | 5.0E-06 | WATER9 (U.S. EPA, 2001) | | | 3.7E+03 | EPI | 4.5E+00 | PHYSPROP | 4.0E-01 | PHYSPROP | 1.3E-01 | 8.7E+00 | 2.1E+01 | 1.8E-02 | EPI |
| Bifenthrin | 82657-04-3 | 4.2E+02 | PHYSPROP | 4.1E-05 | 1.0E-06 | EPI | 1.8E-07 | PHYSPROP | 6.9E+01 | PHYSPROP | 1.2E+00 | CRC89 | 1.8E-02 | 4.5E-06 | WATER9 (U.S. EPA, 2001) | | | 2.3E+06 | EPI | 6.0E+00 | PHYSPROP | 1.0E-03 | PHYSPROP | 1.4E+01 | 2.5E+01 | 1.1E+02 | 1.7E+00 | EPI |
| Biphenyl, 1,1'- | 92-52-4 | 1.5E+02 | PHYSPROP | 1.3E-02 | 3.1E-04 | PHYSPROP | 8.9E-03 | PHYSPROP | 6.9E+01 | PHYSPROP | 1.0E+00 | CRC89 | 4.7E-02 | 7.6E-06 | WATER9 (U.S. EPA, 2001) | | | 5.1E+03 | EPI | 4.0E+00 | PHYSPROP | 7.5E+00 | PHYSPROP | 4.5E-01 | 7.7E-01 | 1.8E+00 | 9.4E-02 | EPI |
| Bis(2-chloro-1-methylethyl) ether | 108-60-1 | 1.7E+02 | PHYSPROP | 3.0E-03 | 7.4E-05 | EPI | 5.6E-01 | PHYSPROP | -9.7E+01 | PHYSPROP | 1.1E+00 | CRC89 | 4.0E-02 | 7.4E-06 | WATER9 (U.S. EPA, 2001) | | | 8.3E+01 | EPI | 2.5E+00 | PHYSPROP | 1.7E+03 | PHYSPROP | 3.8E-02 | 9.5E-01 | 2.3E+00 | 7.6E-03 | EPI |
| Bis(2-chloroethoxy)methane | 111-91-1 | 1.7E+02 | PHYSPROP | 1.6E-04 | 3.9E-06 | EPI | 1.3E-01 | EPI | -3.2E+01 | PHYSPROP | | | 4.1E-02 | 7.4E-06 | WATER9 (U.S. EPA, 2001) | | | 1.4E+01 | EPI | 1.3E+00 | PHYSPROP | 6.2E+03 | PHYSPROP | 6.2E-03 | 9.8E-01 | 2.4E+00 | 1.2E-02 | EPI |
| Bis(2-chloroethyl)ether | 111-44-4 | 1.4E+02 | PHYSPROP | 7.0E-04 | 1.7E-05 | EPI | 1.6E+00 | PHYSPROP | -5.2E+01 | PHYSPROP | 1.2E+00 | CRC89 | 5.7E-02 | 8.7E-06 | WATER9 (U.S. EPA, 2001) | | | 3.2E+01 | EPI | 1.3E+00 | PHYSPROP | 1.7E+04 | PHYSPROP | 8.2E-03 | 6.6E-01 | 1.6E+00 | 1.8E-03 | EPI |
| Bis(chloromethyl)ether | 542-88-1 | 1.1E+02 | PHYSPROP | 1.8E-01 | 4.4E-03 | EPI | 2.9E+01 | PHYSPROP | -4.2E+01 | PHYSPROP | 1.3E+00 | CRC89 | 7.6E-02 | 1.0E-05 | WATER9 (U.S. EPA, 2001) | | | 9.7E+00 | EPI | 5.7E-01 | PHYSPROP | 2.2E+04 | PHYSPROP | 3.5E-03 | 4.6E-01 | 1.1E+00 | 8.6E-04 | EPI |
| Bisphenol A | 80-05-7 | 2.3E+02 | PHYSPROP | 4.1E-10 | 1.0E-11 | PHYSPROP | 3.9E-07 | PHYSPROP | 1.5E+02 | PHYSPROP | 1.2E+00 | PubChem | 2.5E-02 | 6.5E-06 | WATER9 (U.S. EPA, 2001) | | | 3.8E+04 | EPI | 3.3E+00 | PHYSPROP | 1.2E+02 | PHYSPROP | 7.7E-02 | 2.0E+00 | 4.8E+00 | 1.3E-02 | EPI |
| Boron And Borates Only | 7440-42-8 | 1.4E+01 | EPI | | | | | | 2.1E+03 | CRC89 | 2.3E+00 | CRC89 | | | | 3.0E+00 | BAES | | | | | | | 1.4E-03 | 1.3E-01 | 3.0E-01 | 1.0E-03 | RAGSE |
| Boron Trichloride | 10294-34-5 | 1.2E+02 | PHYSPROP | 7.5E-01 | 1.8E-02 | PHYSPROP | 1.0E+00 | PHYSPROP | -1.1E+02 | PHYSPROP | 4.8E-03 | CRC89 | 1.2E-01 | 2.2E-05 | WATER9 (U.S. EPA, 2001) | | | | | 1.2E+00 | PHYSPROP | | | 4.2E-03 | 4.8E-01 | 1.1E+00 | 1.0E-03 | RAGSE |
| Boron Trifluoride | 7637-07-2 | 6.8E+01 | PHYSPROP | | | | 3.7E+04 | PHYSPROP | -1.3E+02 | PHYSPROP | 2.8E+00 | CRC89 | 1.6E-01 | 2.2E-05 | WATER9 (U.S. EPA, 2001) | | | | | 2.2E-01 | PHYSPROP | 3.3E+06 | PHYSPROP | 3.2E-03 | 2.5E-01 | 6.1E-01 | 1.0E-03 | RAGSE |
| Bromate | 15541-45-4 | 8.0E+01 | EPI | | |

| Contaminant | | Molecular Weight | | Volatility Parameters | | | | | Melting Point | | Density | | Diffusivity in Air and Water | | | | Partition Coefficients | | | | | | Water Solubility | | Tapwater Dermal Parameters | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | CAS No. | MW | MW Ref | H' (unitless) | HLC (atm-$m^3$/mole) | H' and HLC Ref | VP mmHg | VP Ref | MP C | MP Ref | Density ($g/cm^3$) | Density Ref | Dia ($cm^2$/s) | Diw ($cm^2$/s) | $D_{ia}$ and $D_{iw}$ Ref | $K_d$ (L/kg) | $K_d$ Ref | $K_{oc}$ (L/kg) | $K_{oc}$ Ref | log $K_{ow}$ (unitless) | log $K_{ow}$ Ref | S (mg/L) | S Ref | B (unitless) | $\tau_{event}$ (hr/event) | t* (hr) | $K_p$ (cm/hr) | $K_p$ Ref |
| Carbon Tetrachloride | 56-23-5 | 1.5E+02 | PHYSPROP | 1.1E+00 | 2.8E-02 | PHYSPROP | 1.2E+02 | PHYSPROP | -2.3E+01 | PHYSPROP | 1.6E+00 | CRC89 | 5.7E-02 | 9.8E-06 | WATER9 (U.S. EPA, 2001) | | | 4.4E+01 | EPI | 2.8E+00 | PHYSPROP | 7.9E+02 | PHYSPROP | 7.8E-02 | 7.6E-01 | 1.8E+00 | 1.6E-02 | EPI |
| Carbonyl Sulfide | 463-58-1 | 6.0E+01 | PHYSPROP | 2.5E+01 | 6.1E-01 | EPI | 9.4E+03 | PHYSPROP | -1.4E+02 | PHYSPROP | 1.0E+00 | CRC89 | 1.2E-01 | 1.3E-05 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | -1.3E+00 | PHYSPROP | 1.2E+03 | PHYSPROP | 2.8E-04 | 2.3E-01 | 5.5E-01 | 9.4E-05 | EPI |
| Carbosulfan | 55285-14-8 | 3.0E+02 | PHYSPROP | 2.1E-05 | 5.1E-07 | EPI | 3.1E-07 | PHYSPROP | 2.5E+01 | PHYSPROP | 1.1E+00 | CRC89 | 1.8E-02 | 4.4E-06 | WATER9 (U.S. EPA, 2001) | | | 1.2E+04 | EPI | 5.6E+00 | PHYSPROP | 3.0E-01 | PHYSPROP | 4.3E-01 | 3.4E+01 | 3.4E+01 | 5.8E-02 | EPI |
| Carboxin | 5234-68-4 | 2.4E+02 | PHYSPROP | 1.3E-08 | 3.2E-10 | EPI | 1.5E-07 | PHYSPROP | 9.2E+01 | PHYSPROP | | | 5.0E-02 | 5.8E-06 | WATER9 (U.S. EPA, 2001) | | | 1.7E+02 | EPI | 2.1E+00 | PHYSPROP | 1.5E+02 | PHYSPROP | 1.2E-02 | 2.2E+00 | 5.2E+00 | 2.0E-03 | EPI |
| Ceric oxide | 1306-38-3 | 1.7E+02 | CRC89 | | | | | | 2.5E+03 | CRC89 | 7.2E+00 | CRC89 | | | | | | | | | | | | 5.0E-03 | 9.7E-01 | 2.3E+00 | 1.0E-03 | RAGSE |
| Chloral Hydrate | 302-17-0 | 1.7E+02 | PHYSPROP | 2.3E-07 | 5.7E-09 | PHYSPROP | 1.5E+01 | PHYSPROP | 5.7E+01 | PHYSPROP | 1.9E+00 | CRC89 | 5.4E-02 | 1.0E-05 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | 9.9E-01 | PHYSPROP | 7.9E+05 | PHYSPROP | 4.2E-03 | 8.9E-01 | 2.1E+00 | 8.4E-04 | EPI |
| Chloramben | 133-90-4 | 2.1E+02 | PHYSPROP | 1.6E-09 | 3.9E-11 | EPI | 1.0E-07 | PHYSPROP | 2.0E+02 | PHYSPROP | | | 5.4E-02 | 6.4E-06 | WATER9 (U.S. EPA, 2001) | | | 2.1E+01 | EPI | 1.9E+00 | PHYSPROP | 7.0E+02 | PHYSPROP | 1.1E-02 | 1.5E+00 | 3.6E+00 | 2.0E-03 | EPI |
| Chloranil | 118-75-2 | 2.5E+02 | PHYSPROP | 1.3E-08 | 3.3E-10 | PHYSPROP | 2.3E-06 | PHYSPROP | 2.9E+02 | PHYSPROP | | | 4.8E-02 | 5.7E-06 | WATER9 (U.S. EPA, 2001) | | | 3.1E+02 | EPI | 2.2E+00 | PHYSPROP | 2.5E+02 | PHYSPROP | 1.2E-02 | 2.5E+00 | 6.0E+00 | 1.9E-03 | EPI |
| Chlordane | 12789-03-6 | 4.1E+02 | PHYSPROP | 2.0E-03 | 4.9E-05 | EPI | 1.0E-05 | PHYSPROP | 1.1E+02 | EPI | 1.6E+00 | CRC89 | 2.1E-02 | 5.4E-06 | WATER9 (U.S. EPA, 2001) | | | 6.8E+04 | EPI | 6.2E+00 | EPI | 5.6E-02 | EPI | 8.3E-01 | 2.1E+01 | 8.0E+01 | 1.1E-01 | EPI |
| Chlordecone (Kepone) | 143-50-0 | 4.9E+02 | PHYSPROP | 2.2E-06 | 5.4E-08 | EPI | 2.3E-07 | PHYSPROP | 3.5E+02 | EPI | 1.6E+00 | CRC89 | 2.0E-02 | 4.9E-06 | WATER9 (U.S. EPA, 2001) | | | 1.8E+04 | EPI | 5.4E+00 | PHYSPROP | 2.7E+00 | PHYSPROP | 9.3E-02 | 5.9E+01 | 1.4E+02 | 1.1E-02 | EPI |
| Chlorfenvinphos | 470-90-6 | 3.6E+02 | PHYSPROP | 1.2E-06 | 2.9E-08 | EPI | 7.5E-06 | PHYSPROP | -2.0E+01 | PHYSPROP | | | 3.8E-02 | 4.4E-06 | WATER9 (U.S. EPA, 2001) | | | 1.3E+03 | EPI | 3.8E+00 | PHYSPROP | 1.2E+02 | PHYSPROP | 3.7E-02 | 1.1E+01 | 2.6E+01 | 5.1E-03 | EPI |
| Chlorimuron, Ethyl- | 90982-32-4 | 4.1E+02 | PHYSPROP | 7.4E-14 | 1.8E-15 | EPI | 4.0E-12 | PHYSPROP | 1.8E+02 | PHYSPROP | | | 3.4E-02 | 4.0E-06 | WATER9 (U.S. EPA, 2001) | | | 7.2E+01 | EPI | 2.5E+00 | PHYSPROP | 1.2E+03 | PHYSPROP | 2.6E-03 | 2.2E+01 | 5.3E+01 | 3.4E-04 | EPI |
| Chlorine | 7782-50-5 | 7.1E+01 | PHYSPROP | 4.8E-01 | 1.2E-02 | PHYSPROP | 5.9E+03 | PHYSPROP | -1.0E+02 | PHYSPROP | 2.9E+00 | CRC89 | 1.5E-01 | 2.2E-05 | WATER9 (U.S. EPA, 2001) | 2.5E-01 | BAES | | | 8.5E-01 | PHYSPROP | 6.3E+03 | PHYSPROP | 3.2E-03 | 2.6E-01 | 6.3E-01 | 1.0E-03 | RAGSE |
| Chlorine Dioxide | 10049-04-4 | 6.7E+01 | EPI | 1.6E+00 | 4.0E-02 | Toxnet HSDB | 7.6E+02 | Toxnet HSDB | -5.9E+01 | CRC89 | 2.8E+00 | CRC89 | 1.6E-01 | 2.2E-05 | WATER9 (U.S. EPA, 2001) | | | | | | | | | 3.2E-03 | 5.2E-01 | 6.0E-01 | 1.0E-03 | RAGSE |
| Chlorite (Sodium Salt) | 7758-19-2 | 9.0E+01 | EPI | | | | | | 1.8E+02 | CRC89 | | | | | | | | | | | | 6.4E+05 | CRC89 | 3.7E-03 | 3.4E-01 | 8.1E-01 | 1.0E-03 | RAGSE |
| Chloro-1,1-difluoroethane, 1- | 75-68-3 | 1.0E+02 | PHYSPROP | 2.4E+00 | 5.9E-02 | PHYSPROP | 2.5E+03 | PHYSPROP | -1.3E+02 | PHYSPROP | 1.1E+00 | CRC89 | 8.0E-02 | 1.0E-05 | WATER9 (U.S. EPA, 2001) | | | 4.4E+01 | EPI | 2.1E+00 | PHYSPROP | 1.4E+03 | PHYSPROP | 3.8E-02 | 3.8E-01 | 9.2E-01 | 9.9E-03 | EPI |
| Chloro-1,3-butadiene, 2- | 126-99-8 | 8.9E+01 | PHYSPROP | 2.3E+00 | 5.6E-02 | PHYSPROP | 2.2E+02 | PHYSPROP | -1.3E+02 | PHYSPROP | 9.6E-01 | CRC89 | 8.4E-02 | 1.0E-05 | WATER9 (U.S. EPA, 2001) | | | 6.1E+01 | EPI | 2.5E+00 | PHYSPROP | 8.7E+02 | PHYSPROP | 8.6E-02 | 3.3E-01 | 7.9E-01 | 2.4E-02 | EPI |
| Chloro-2-methylaniline HCl, 4- | 3165-93-3 | 1.8E+02 | PHYSPROP | 6.4E-05 | 1.6E-06 | PHYSPROP | 4.1E-02 | PHYSPROP | 1.6E+02 | EPI | | | 6.0E-02 | 7.0E-06 | WATER9 (U.S. EPA, 2001) | | | 3.5E+02 | EPI | 2.3E+00 | PHYSPROP | 9.5E+02 | PHYSPROP | 9.2E-05 | 1.0E+00 | 2.5E+00 | 1.8E-05 | EPI |
| Chloro-2-methylaniline, 4- | 95-69-2 | 1.4E+02 | PHYSPROP | 8.1E-05 | 2.0E-06 | PHYSPROP | 4.1E-02 | PHYSPROP | 3.0E+01 | PHYSPROP | | | 7.0E-02 | 8.2E-06 | WATER9 (U.S. EPA, 2001) | | | 1.8E+02 | EPI | 2.3E+00 | PHYSPROP | 9.5E+02 | PHYSPROP | 3.7E-02 | 6.5E-01 | 1.6E+00 | 8.1E-03 | EPI |
| Chloroacetaldehyde, 2- | 107-20-0 | 7.8E+01 | PHYSPROP | 9.8E-04 | 2.4E-05 | PHYSPROP | 6.4E+01 | PHYSPROP | -1.6E+01 | PHYSPROP | 1.2E+00 | CRC89 | 1.0E-01 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | 9.0E-02 | PHYSPROP | 1.1E+05 | PHYSPROP | 2.2E-03 | 2.9E-01 | 6.9E-01 | 6.5E-04 | EPI |
| Chloroacetic Acid | 79-11-8 | 9.4E+01 | PHYSPROP | 3.8E-07 | 9.3E-09 | PHYSPROP | 6.5E-02 | PHYSPROP | 6.3E+01 | PHYSPROP | 1.4E+00 | CRC89 | 9.4E-02 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 1.4E+00 | EPI | 2.2E-01 | PHYSPROP | 8.6E+05 | PHYSPROP | 2.4E-03 | 3.6E-01 | 8.5E-01 | 6.5E-04 | EPI |
| Chloroacetophenone, 2- | 532-27-4 | 1.5E+02 | PHYSPROP | 1.4E-04 | 3.5E-06 | PHYSPROP | 5.4E-03 | PHYSPROP | 5.7E+01 | PHYSPROP | 1.3E+00 | CRC89 | 5.2E-02 | 8.7E-06 | WATER9 (U.S. EPA, 2001) | | | 9.9E+01 | EPI | 1.9E+00 | PHYSPROP | 1.1E+03 | PERRY | 1.9E-02 | 7.7E-01 | 1.9E+00 | 4.1E-03 | EPI |
| Chloroaniline, p- | 106-47-8 | 1.3E+02 | PHYSPROP | 4.7E-05 | 1.2E-06 | EPI | 2.7E-02 | PHYSPROP | 7.3E+01 | PHYSPROP | 1.4E+00 | CRC89 | 7.0E-02 | 1.0E-05 | WATER9 (U.S. EPA, 2001) | | | 1.1E+02 | EPI | 1.8E+00 | PHYSPROP | 3.9E+03 | PHYSPROP | 2.2E-02 | 5.4E-01 | 1.3E+00 | 5.0E-03 | EPI |
| Chlorobenzene | 108-90-7 | 1.1E+02 | PHYSPROP | 1.3E-01 | 3.1E-03 | PHYSPROP | 1.2E+01 | PHYSPROP | -4.5E+01 | PHYSPROP | 1.1E+00 | CRC89 | 7.2E-02 | 9.5E-06 | WATER9 (U.S. EPA, 2001) | | | 2.3E+02 | EPI | 2.8E+00 | PHYSPROP | 5.0E+02 | PHYSPROP | 1.2E-01 | 4.5E-01 | 1.1E+00 | 2.8E-02 | EPI |
| Chlorobenzene sulfonic acid, p- | 98-66-8 | 1.9E+02 | PHYSPROP | 7.6E-08 | 1.9E-09 | PHYSPROP | 4.3E-06 | PHYSPROP | 6.7E+01 | PHYSPROP | | | 5.7E-02 | 6.7E-06 | WATER9 (U.S. EPA, 2001) | | | 1.6E+01 | EPI | -5.2E-01 | PHYSPROP | 3.1E+05 | PHYSPROP | 3.1E-04 | 1.3E+00 | 3.0E+00 | 5.9E-05 | EPI |
| Chlorobenzilate | 510-15-6 | 3.3E+02 | PHYSPROP | 3.0E-06 | 7.2E-08 | EPI | 2.2E-06 | PHYSPROP | 3.7E+01 | PHYSPROP | 1.3E+00 | CRC89 | 2.2E-02 | 5.5E-06 | WATER9 (U.S. EPA, 2001) | | | 1.5E+03 | EPI | 4.7E+00 | PHYSPROP | 1.3E+01 | PHYSPROP | 2.3E-01 | 7.0E+00 | 1.7E+01 | 3.3E-02 | EPI |
| Chlorobenzoic Acid, p- | 74-11-3 | 1.6E+02 | PHYSPROP | 3.3E-06 | 8.0E-08 | PHYSPROP | 2.3E-03 | PHYSPROP | 2.4E+02 | PHYSPROP | 1.5E+00 | PERRY | 5.5E-02 | 9.5E-06 | WATER9 (U.S. EPA, 2001) | | | 2.7E+01 | EPI | 2.7E+00 | PHYSPROP | 7.2E+02 | PHYSPROP | 5.8E-02 | 7.9E-01 | 1.9E+00 | 1.2E-02 | EPI |
| Chlorobenzotrifluoride, 4- | 98-56-6 | 1.8E+02 | PHYSPROP | 1.4E+00 | 3.5E-02 | PHYSPROP | 7.6E+00 | PHYSPROP | -3.3E+01 | PHYSPROP | 1.3E+00 | CRC89 | 3.8E-02 | 8.0E-06 | WATER9 (U.S. EPA, 2001) | | | 1.6E+03 | EPI | 3.6E+00 | PHYSPROP | 2.9E+01 | PHYSPROP | 1.9E-01 | 1.1E+00 | 2.6E+00 | 3.8E-02 | EPI |
| Chlorobutane, 1- | 109-69-3 | 9.3E+01 | PHYSPROP | 6.8E-01 | 1.7E-02 | PHYSPROP | 1.0E+02 | PHYSPROP | -1.2E+02 | PHYSPROP | 8.9E-01 | CRC89 | 7.8E-02 | 9.3E-06 | WATER9 (U.S. EPA, 2001) | | | 7.2E+01 | EPI | 2.6E+00 | PHYSPROP | 1.1E+03 | PHYSPROP | 1.0E-01 | 3.5E-01 | 8.3E-01 | 2.7E-02 | EPI |
| Chlorodifluoromethane | 75-45-6 | 8.6E+01 | PHYSPROP | 1.7E+00 | 4.1E-02 | PHYSPROP | 7.3E+03 | PHYSPROP | -1.6E+02 | PHYSPROP | 1.5E+00 | CRC89 | 1.0E-01 | 1.3E-05 | WATER9 (U.S. EPA, 2001) | | | 3.2E+01 | EPI | 1.1E+00 | PHYSPROP | 2.8E+03 | PHYSPROP | 9.6E-03 | 3.2E-01 | 7.7E-01 | 2.7E-03 | EPI |
| Chloroethanol, 2- | 107-07-3 | 8.1E+01 | PHYSPROP | 3.1E-05 | 7.6E-07 | EPI | 7.2E+00 | PHYSPROP | -6.8E+01 | PHYSPROP | 1.2E+00 | CRC89 | 1.0E-01 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 1.9E+00 | EPI | 3.0E-02 | PHYSPROP | 1.0E+06 | PHYSPROP | 2.0E-03 | 3.0E-01 | 7.1E-01 | 5.8E-04 | EPI |
| Chloroform | 67-66-3 | 1.2E+02 | PHYSPROP | 1.5E-01 | 3.7E-03 | PHYSPROP | 2.0E+02 | PHYSPROP | -6.4E+01 | PHYSPROP | 1.5E+00 | CRC89 | 7.7E-02 | 1.1E-05 | WATER9 (U.S. EPA, 2001) | | | 3.2E+01 | EPI | 2.0E+00 | PHYSPROP | 8.0E+03 | PHYSPROP | 2.9E-02 | 4.9E-01 | 1.2E+00 | 6.8E-03 | EPI |
| Chloromethane | 74-87-3 | 5.0E+01 | PHYSPROP | 3.6E-01 | 8.8E-03 | PHYSPROP | 4.3E+03 | PHYSPROP | -9.8E+01 | PHYSPROP | 9.1E-01 | CRC89 | 1.2E-01 | 1.4E-05 | WATER9 (U.S. EPA, 2001) | | | 1.3E+01 | EPI | 9.1E-01 | PHYSPROP | 5.3E+03 | PHYSPROP | 9.0E-03 | 2.0E-01 | 4.8E-01 | 3.3E-03 | EPI |
| Chloromethyl Methyl Ether | 107-30-2 | 8.1E+01 | PHYSPROP | 1.2E-02 | 3.0E-04 | PHYSPROP | 3.0E+01 | PHYSPROP | -1.0E+02 | PHYSPROP | 1.1E+00 | CRC89 | 9.5E-02 | 1.1E-05 | WATER9 (U.S. EPA, 2001) | | | 5.3E+00 | EPI | 3.2E-01 | PHYSPROP | 6.9E+04 | PHYSPROP | 3.1E-03 | 3.0E-01 | 7.1E-01 | 9.1E-04 | EPI |
| Chloronitrobenzene, o- | 88-73-3 | 1.6E+02 | PHYSPROP | 3.8E-04 | 9.3E-06 | PHYSPROP | 1.8E-02 | EPI | 3.3E+01 | PHYSPROP | 1.4E+00 | CRC89 | 5.1E-02 | 8.8E-06 | WATER9 (U.S. EPA, 2001) | | | 3.7E+02 | EPI | 2.2E+00 | PHYSPROP | 4.4E+02 | PHYSPROP | 3.0E-02 | 8.0E-01 | 1.9E+00 | 6.3E-03 | EPI |
| Chloronitrobenzene, p- | 100-00-5 | 1.6E+02 | PHYSPROP | 2.0E-04 | 4.9E-06 | PHYSPROP | 2.2E-02 | EPI | 8.4E+01 | PHYSPROP | 1.3E+00 | CRC89 | 5.0E-02 | 8.5E-06 | WATER9 (U.S. EPA, 2001) | | | 3.6E+02 | EPI | 2.4E+00 | PHYSPROP | 2.3E+02 | PHYSPROP | 3.8E-02 | 8.0E-01 | 1.9E+00 | 7.9E-03 | EPI |
| Chlorophenol, 2- | 95-57-8 | 1.3E+02 | PHYSPROP | 4.6E-04 | 1.1E-05 | PHYSPROP | 2.5E+00 | PHYSPROP | 9.8E+00 | PHYSPROP | 1.3E+00 | CRC89 | 6.6E-02 | 9.5E-06 | WATER9 (U.S. EPA, 2001) | | | 3.9E+02 | SSL | 2.2E+00 | PHYSPROP | 1.1E+04 | PHYSPROP | 3.5E-02 | 5.5E-01 | 1.3E+00 | 8.0E-03 | EPI |
| Chloropicrin | 76-06-2 | 1.6E+02 | PHYSPROP | 8.4E-02 | 2.1E-03 | PHYSPROP | 2.4E+01 | PHYSPROP | -6.4E+01 | PHYSPROP | 1.7E+00 | CRC89 | 5.2E-02 | 9.6E-06 | WATER9 (U.S. EPA, 2001) | | | 4.4E+01 | EPI | 2.1E+00 | PHYSPROP | 1.6E+03 | PHYSPROP | 2.3E-02 | 8.8E-01 | 2.1E+00 | 4.6E-03 | EPI |
| Chlorothalonil | 1897-45-6 | 2.7E+02 | PHYSPROP | 8.2E-05 | 2.0E-06 | PHYSPROP | 5.7E-07 | PHYSPROP | 2.5E+02 | PHYSPROP | 1.7E+00 | CRC89 | 2.8E-02 | 7.3E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+03 | EPI | 3.1E+00 | PHYSPROP | 8.1E-01 | PHYSPROP | 3.4E-02 | 3.2E+00 | 7.8E+00 | 5.4E-03 | EPI |
| Chlorotoluene, o- | 95-49-8 | 1.3E+02 | PHYSPROP | 1.5E-01 | 3.6E-03 | PHYSPROP | 3.4E+00 | PHYSPROP | -3.6E+01 | PHYSPROP | 1.1E+00 | CRC89 | 6.3E-02 | 8.7E-06 | WATER9 (U.S. EPA, 2001) | | | 3.8E+02 | EPI | 3.4E+00 | PHYSPROP | 3.7E+02 | PHYSPROP | 2.5E-01 | 5.4E-01 | 1.3E+00 | 5.7E-02 | EPI |
| Chlorotoluene, p- | 106-43-4 | 1.3E+02 | PHYSPROP | 1.8E-01 | 4.4E-03 | EPI | 2.7E+00 | PHYSPROP | 7.5E+00 | PHYSPROP | 1.1E+00 | CRC89 | 6.3E-02 | 8.7E-06 | WATER9 (U.S. EPA, 2001) | | | 3.8E+02 | EPI | 3.3E+00 | PHYSPROP | 1.1E+02 | PHYSPROP | 2.2E-01 | 5.4E-01 | 1.3E+00 | 5.0E-02 | EPI |
| Chlorozotocin | 54749-90-5 | 2.7E+02 | PHYSPROP | 1.5E-20 | 3.7E-22 | PHYSPROP | 4.0E-14 | PHYSPROP | 1.5E+02 | EPI | | | 4.6E-02 | 5.4E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+01 | EPI | -1.0E+00 | PHYSPROP | 1.8E+03 | PHYSPROP | 6.2E-05 | 3.2E+00 | 7.8E+00 | 9.9E-06 | EPI |
| Chlorpropham | 101-21-3 | 2.1E+02 | PHYSPROP | 2.3E-05 | 5.7E-07 | EPI | 1.8E-04 | PHYSPROP | 4.1E+01 | PHYSPROP | 1.2E+00 | CRC89 | 2.6E-02 | 6.7E-06 | WATER9 (U.S. EPA, 2001) | | | 3.5E+02 | EPI | 3.5E+00 | PHYSPROP | 5.9E+01 | PHYSPROP | 1.2E-01 | 1.7E+00 | 4.0E+00 | 2.1E-02 | EPI |
| Chlorpyrifos | 2921-88-2 | 3.5E+02 | PHYSPROP | 1.2E-04 | 2.9E-06 | PHYSPROP | 2.0E-05 | PHYSPROP | 4.2E+01 | PHYSPROP | | | 3.6E-02 | 4.5E-06 | WATER9 (U.S. EPA, 2001) | | | 7.3E+03 | EPI | 5.0E+00 | PHYSPROP | 1.1E+00 | PHYSPROP | 2.4E-01 | 9.7E+00 | 2.3E+01 | 3.3E-02 | EPI |
| Chlorpyrifos Methyl | 5598-13-0 | 3.2E+02 | PHYSPROP | 1.5E-04 | 3.8E-06 | EPI | 4.2E-05 | PHYSPROP | 4.3E+01 | PHYSPROP | | | 4.0E-02 | 4.7E-06 | WATER9 (U.S. EPA, 2001) | | | 2.2E+03 | EPI | 4.3E+00 | PHYSPROP | 4.8E+00 | PHYSPROP | 1.2E-01 | 6.7E+00 | 1.6E+01 | 1.8E-02 | EPI |
| Chlorsulfuron | 64902-72-3 | 3.6E+02 | PHYSPROP | 1.4E-14 | 3.4E-16 | EPI | 2.3E-11 | PHYSPROP | 1.8E+02 | PHYSPROP | | | 3.8E-02 | 4.4E-06 | WATER9 (U.S. EPA, 2001) | | | 3.2E+02 | EPI | 2.0E+00 | PHYSPROP | 3.1E+04 | PHYSPROP | 2.4E-03 | 1.1E+01 | 2.5E+01 | 3.3E-04 | EPI |
| Chlorthal-dimethyl | 1861-32-1 | 3.3E+02 | PHYSPROP | 8.9E-05 | 2.2E-06 | EPI | 2.5E-06 | PHYSPROP | 1.6E+02 | PHYSPROP | | | 4.0E-02 | 4.6E-06 | WATER9 (U.S. EPA, 2001) | | | 5.1E+02 | EPI | 4.3E+00 | PHYSPROP | 5.0E-01 | PHYSPROP | 1.1E-01 | 7.6E+00 | 1.8E+01 | 1.5E-02 | EPI |
| Chlorthiophos | 60238-56-4 | 3.6E+02 | PHYSPROP | 4.9E-05 | 1.2E-06 | PHYSPROP | 4.0E-01 | PHYSPROP | 8.6E+01 | EPI | | | 3.7E-02 | 4.4E-06 | WATER9 (U.S. EPA, 2001) | | | 1.3E+04 | EPI | 5.8E+00 | PHYSPROP | 3.0E-01 | PHYSPROP | 7.7E-01 | 1.1E+01 | 4.3E+01 | 1.1E-01 | EPI |
| Chromium(III), Insoluble Salts | 16065-83-1 | 5.2E+01 | EPI | | | | | | | | 5.2E+00 | CRC89 | | | | 1.8E+06 | SSL | | | | | | | 2.8E-03 | 2.1E-01 | 4.9E-01 | 1.0E-03 | RAGSE |
| Chromium(VI) | 18540-29-9 | 5.2E+01 | EPI | | | | | | | | | | | | | 1.9E+01 | SSL | | | | | 1.7E+06 | CRC89 | 5.5E-03 | 2.1E-01 | 4.9E-01 | 2.0E-03 | RAGSE |
| Chromium, Total | 7440-47-3 | 5.2E+01 | PHYSPROP | | | | | | 1.9E+03 | PHYSPROP | 7.2E+00 | CRC89 | | | | 1.8E+06 | SSL | | | | | | | 2.8E-03 | 2.1E-01 | 4.9E-01 | 1.0E-03 | RAGSE |
| Clofentezine | 74115-24-5 | 3.0E+02 | PHYSPROP | 1.6E-08 | 3.9E-10 | EPI | 9.8E-10 | PHYSPROP | 1.8E+02 | PHYSPROP | | | 4.2E-02 | 4.9E-06 | WATER9 (U.S. EPA, 2001) | | | 3.0E+04 | EPI | 3.1E+00 | PHYSPROP | 1.0E+00 | PHYSPROP | 2.4E-02 | 5.2E+00 | 1.3E+01 | 3.6E-03 | EPI |
| Cobalt | 7440-48-4 | 5.9E+01 | EPI | | | | 0.0E+00 | NIOSH | 1.5E+03 | CRC89 | 8.9E+00 | CRC89 | | | | 4.5E+01 | BAES | | | | | | | 1.2E-03 | 2.2E-01 | 5.4E-01 | 4.0E-04 | RAGSE |
| Coke Oven Emissions | 8007-45-2 | | | 4.5E-01 | 1.1E-02 | Toxnet HSDB | 9.5E+01 | Toxnet HSDB | | | | | 1.0E-01 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 1.6E+04 | | | | | | | | | | |
| Copper | 7440-50-8 | 6.4E+01 | PHYSPROP | | | | 0.0E+00 | NIOSH | 1.1E+03 | PHYSPROP | 9.0E+00 | CRC89 | | | | 3.5E+01 | BAES | | | | | | | 3.1E-03 | 2.4E-01 | 5.7E-01 | 1.0E-03 | RAGSE |
| Cresol, m- | 108-39-4 | 1.1E+02 | PHYSPROP | 3.5E-05 | 8.6E-07 | PHYSPROP | 1.1E-01 | PHYSPROP | 1.2E+01 | PHYSPROP | 1.0E+00 | CRC89 | 7.3E-02 | 9.3E-06 | WATER9 (U.S. EPA, 2001) | | | 3.0E+02 | EPI | 2.0E+00 | PHYSPROP | 2.3E+04 | PHYSPROP | 3.1E-02 | 4.2E-01 | 1.0E+00 | 7.8E-03 | EPI |
| Cresol, o- | 95-48-7 | 1.1E+02 | PHYSPROP | 4.9E-05 | 1.2E-06 | PHYSPROP | 3.0E-01 | EPI | 3.0E+01 | PHYSPROP | 1.0E+00 | CRC89 | 7.3E-02 | 9.3E-06 | WATER9 (U.S. EPA, 2001) | | | 3.1E+02 | EPI | 2.0E+00 | PHYSPROP | 2.6E+04 | PHYSPROP | 3.1E-02 | 4.2E-01 | 1.0E+00 | 7.7E-03 | EPI |
| Cresol, p- | 106-44-5 | 1.1E+02 | PHYSPROP | 4.1E-05 | 1.0E-06 | PHYSPROP | 1.1E-01 | PHYSPROP | 3.6E+01 | PHYSPROP | 1.0E+00 | CRC89 | 7.2E-02 | 9.2E-06 | WATER9 (U.S. EPA, 2001) | | | 3.0E+02 | EPI | 1.9E+00 | PHYSPROP | 2.2E+04 | PHYSPROP | 3.0E-02 | 4.2E-01 | 1.0E+00 | 7.5E-03 | EPI |
| Cresol, p-chloro-m- | 59-50-7 | 1.4E+02 | PHYSPROP | 1.0E-04 | 2.5E-06 | EPI | 5.0E-02 | PHYSPROP | 6.7E+01 | PHYSPROP | | | 7.0E-02 | 8.1E-06 | WATER9 (U.S. EPA, 2001) | | | 4.9E+02 | EPI | 3.1E+00 | PHYSPROP | 3.8E+03 | PHYSPROP | 1.3E-01 | 6.6E-01 | 1.6E+00 | 2.9E-02 | EPI |
| Cresols | 1319-77-3 | 3.2E+02 | PHYSPROP | 2.5E-05 | 6.2E-07 | PHYSPROP | 1.7E-01 | PHYSPROP | 3.0E+01 | EPI | | | 4.8E-02 | 4.7E-06 | WATER9 (U.S. EPA, 2001) | | | 3.1E+02 | EPI | 2.0E+00 | PHYSPROP | 9.1E+03 | PHYSPROP | 5.3E-02 | 6.9E+00 | 1.7E+01 | 7.7E-03 | EPI |
| Crotonaldehyde, trans- | 123-73-9 | 7.0E+01 | PHYSPROP | 7.9E-04 | 1.9E-05 | PHYSPROP | 3.0E+01 | PHYSPROP | -7.6E+01 | PHYSPROP | 8.5E-01 | CRC89 | 9.6E-02 | 1.1E-05 | WATER9 (U.S. EPA, 2001) | | | 1.8E+00 | EPI | 6.0E-01 | PHYSPROP | 1.5E+05 | PHYSPROP | 5.1E-03 | 2.6E-01 | 6.2E-01 | 1.6E-03 | EPI |
| Cumene | 98-82-8 | 1.2E+02 | PHYSPROP | 4.7E-01 | 1.2E-02 | PHYSPROP | 4.5E+00 | PHYSPROP | -9.6E+01 | PHYSPROP | 8.6E-01 | CRC89 | 6.0E-02 | 7.9E-06 | WATER9 (U.S. EPA, 2001) | | | 7.0E+02 | EPI | 3.7E+00 | PHYSPROP | 6.1E+01 | PHYSPROP | 3.8E-01 | 5.0E-01 | 1.2E+00 | 9.0E-02 | EPI |
| Cupferron | 135-20-6 | 1.6E+02 | PHYSPROP | 1.5E-07 | 3.6E-09 | PHYSPROP | 6.3E-05 | PHYSPROP | 1.6E+02 | PHYSPROP | | | 6.6E-02 | 7.7E-06 | WATER9 (U.S. EPA, 2001) | | | 7.6E+02 | EPI | -1.7E+00 | PHYSPROP | 6.1E+05 | PHYSPROP | 8.0E-06 | 7.8E-01 | 1.9E+00 | 1.7E-06 | EPI |
| Cyanazine | 21725-46-2 | 2.4E+02 | PHYSPROP | 1.1E-10 | 2.6E-12 | EPI | 1.4E-07 | PHYSPROP | 1.7E+02 | PHYSPROP | | | 4.9E-02 | 5.7E-06 | WATER9 (U.S. EPA, 2001) | | | 1.3E+02 | EPI | 2.2E+00 | PHYSPROP | 1.7E+02 | PHYSPROP | 1.2E-02 | 2.3E+00 | 5.6E+00 | 2.1E-03 | EPI |
| Cyanides | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ~Calcium Cyanide | 592-01-8 | 9.2E+01 | PHYSPROP | | | | | | | | | | | | | | | | | | | | | 3.7E-03 | 3.4E-01 | 8.3E-01 | 1.0E-03 | RAGSE |
| ~Copper Cyanide | 544-92-3 | 9.0E+01 | PHYSPROP | | | | | | 4.7E+02 | PHYSPROP | 2.9E+00 | CRC89 | | | | | | | | | | | | 3.6E-03 | 3.3E-01 | 8.0E-01 | 1.0E-03 | RAGSE |
| ~Cyanide (CN-) | 57-12-5 | 2.6E+01 | PHYSPROP | 4.2E-03 | 1.0E-04 | Ma et al 2010 | 3.1E+02 | PHYSPROP | | | 7.0E-01 | CHEM GUIDE | 2.1E-01 | 2.5E-05 | WATER9 (U.S. EPA, 2001) | 9.9E+00 | SSL | | | | | 9.5E+04 | PHYSPROP | 2.0E-03 | 1.5E-01 | 3.5E-01 | 1.0E-03 | RAGSE |
| ~Cyanogen | 460-19-5 | 5.2E+01 | PHYSPROP | 2.2E-01 | 5.4E-03 | EPI | 4.3E+03 | PHYSPROP | -2.8E+01 | PHYSPROP | 9.5E-01 | CRC89 | 1.2E-01 | 1.4E-05 | WATER9 (U.S. EPA, 2001) | | | | | 7.0E-02 | PHYSPROP | 8.0E+03 | CRC89 | 2.5E-03 | 2.1E-01 | 4.9E-01 | 8.9E-04 | RAGSE |
| ~Cyanogen Bromide | 506-68-3 | 1.1E+02 | PHYSPROP | 1.0E+00 | 2.5E-02 | EPI | 1.2E+02 | PHYSPROP | 5.2E+01 | PHYSPROP | 2.0E+00 | CRC89 | 9.8E-02 | 1.4E-05 | WATER9 (U.S. EPA, 2001) | | | | | | | | | 1.0E-03 | 4.1E-01 | 9.9E-01 | 2.6E-04 | RAGSE |
| ~Cyanogen Chloride | 506-77-4 | 6.1E+01 | PHYSPROP | 7.9E-02 | 1.9E-03 | YAWS | 1.2E+03 | PHYSPROP | -6.6E+00 | PHYSPROP | 1.2E+00 | CRC89 | 1.2E-01 | 1.4E-05 | WATER9 (U.S. EPA, 2001) | | | | | | | 6.0E+04 | PHYSPROP | 1.2E-03 | 2.3E-01 | 5.6E-01 | 3.9E-04 | RAGSE |
| ~Hydrogen Cyanide | 74-90-8 | 2.7E+01 | PHYSPROP | 5.4E-03 | 1.3E-04 | PHYSPROP | 7.4E+02 | PHYSPROP | -1.3E+01 | PHYSPROP | 6.9E-01 | CRC89 | 1.7E-01 | 1.7E-05 | WATER9 (U.S. EPA, 2001) | 9.9E+00 | SSL | | | -2.5E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 2.0E-03 | 1.5E-01 | 3.6E-01 | 1.0E-03 | RAGSE |
| ~Potassium Cyanide | 151-50-8 | 6.5E+01 | PHYSPROP | | | | 0.0E+00 | NIOSH | 6.

| Contaminant | | Molecular Weight | | Volatility Parameters | | | | | Melting Point | | Density | | Diffusivity in Air and Water | | | Partition Coefficients | | | | | | Water Solubility | | Tapwater Dermal Parameters | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | CAS No. | MW | MW Ref | H' (unitless) | HLC (atm-$m^3$/mole) | H' and HLC Ref | VP mmHg | VP Ref | MP C | MP Ref | Density ($g/cm^3$) | Density Ref | Dia ($cm^2/s$) | Diw ($cm^2/s$) | $D_{ia}$ and $D_{iw}$ Ref | $K_d$ (L/kg) | $K_d$ Ref | $K_{oc}$ (L/kg) | $K_{oc}$ Ref | log $K_{ow}$ (unitless) | log $K_{ow}$ Ref | S (mg/L) | S Ref | B (unitless) | $\tau_{event}$ (hr/event) | $t^*$ (hr) | $K_p$ (cm/hr) | $K_p$ Ref |
| Dibromomethane (Methylene Bromide) | 74-95-3 | 1.7E+02 | PHYSPROP | 3.4E-02 | 8.2E-04 | PHYSPROP | 4.4E+01 | PHYSPROP | -5.3E+01 | PHYSPROP | 2.5E+00 | CRC89 | 5.5E-02 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 2.2E+01 | EPI | 1.7E+00 | PHYSPROP | 1.2E+04 | PHYSPROP | 1.1E-02 | 9.9E-01 | 2.4E+00 | 2.2E-03 | EPI |
| Dibutyltin Compounds | E1790660 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dicamba | 1918-00-9 | 2.2E+02 | PHYSPROP | 8.9E-08 | 2.2E-09 | EPI | 1.3E-05 | PHYSPROP | 1.2E+02 | PHYSPROP | 1.6E+00 | CRC89 | 2.9E-02 | 7.8E-06 | WATER9 (U.S. EPA, 2001) | | | 2.9E+01 | EPI | 2.2E+00 | PHYSPROP | 8.3E+03 | PHYSPROP | 1.5E-02 | 1.8E+00 | 4.4E+00 | 2.7E-03 | EPI |
| Dichloro-2-butene, 1,4- | 764-41-0 | 1.3E+02 | PHYSPROP | 3.5E-01 | 8.5E-03 | PHYSPROP | 3.0E+00 | EPI | 3.5E+00 | PHYSPROP | 1.2E+00 | LANGE | 6.7E-02 | 9.3E-06 | WATER9 (U.S. EPA, 2001) | | | 1.3E+02 | EPI | 2.6E+00 | PHYSPROP | 5.8E+02 | PHYSPROP | 7.1E-02 | 5.3E-01 | 1.3E+00 | 1.7E-02 | EPI |
| Dichloro-2-butene, cis-1,4- | 1476-11-5 | 1.3E+02 | PHYSPROP | 2.7E-02 | 6.6E-04 | EPI | 4.1E+00 | PHYSPROP | -4.8E+01 | PHYSPROP | 1.2E+00 | CRC89 | 6.7E-02 | 9.3E-06 | WATER9 (U.S. EPA, 2001) | | | 1.3E+02 | EPI | 2.6E+00 | PHYSPROP | 5.8E+02 | PHYSPROP | 7.1E-02 | 5.3E-01 | 1.3E+00 | 1.7E-02 | EPI |
| Dichloro-2-butene, trans-1,4- | 110-57-6 | 1.3E+02 | PHYSPROP | 2.7E-02 | 6.6E-04 | EPI | 3.4E+00 | PHYSPROP | 2.0E+00 | PHYSPROP | 1.2E+00 | CRC89 | 6.6E-02 | 9.3E-06 | WATER9 (U.S. EPA, 2001) | | | 1.3E+02 | EPI | 2.6E+00 | PHYSPROP | 8.5E+02 | PHYSPROP | 7.1E-02 | 5.3E-01 | 1.3E+00 | 1.7E-02 | EPI |
| Dichloroacetic Acid | 79-43-6 | 1.3E+02 | PHYSPROP | 3.4E-07 | 8.4E-09 | PHYSPROP | 1.8E-01 | PHYSPROP | 1.4E+01 | PHYSPROP | 1.6E+00 | CRC89 | 7.2E-02 | 1.1E-05 | WATER9 (U.S. EPA, 2001) | | | 2.3E+00 | EPI | 9.2E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 5.3E-03 | 5.5E-01 | 1.3E+00 | 1.2E-03 | EPI |
| Dichlorobenzene, 1,2- | 95-50-1 | 1.5E+02 | PHYSPROP | 7.8E-02 | 1.9E-03 | PHYSPROP | 1.4E+00 | PHYSPROP | -1.7E+01 | PHYSPROP | 1.3E+00 | CRC89 | 5.6E-02 | 8.9E-06 | WATER9 (U.S. EPA, 2001) | | | 3.8E+02 | EPI | 3.4E+00 | PHYSPROP | 1.6E+02 | PHYSPROP | 2.1E-01 | 7.0E-01 | 1.7E+00 | 4.5E-02 | EPI |
| Dichlorobenzene, 1,4- | 106-46-7 | 1.5E+02 | PHYSPROP | 9.9E-02 | 2.4E-03 | PHYSPROP | 1.7E+00 | PHYSPROP | 5.2E+01 | PHYSPROP | 1.2E+00 | CRC89 | 5.5E-02 | 8.7E-06 | WATER9 (U.S. EPA, 2001) | | | 3.8E+02 | EPI | 3.4E+00 | PHYSPROP | 8.1E+01 | PHYSPROP | 2.1E-01 | 7.0E-01 | 1.7E+00 | 4.5E-02 | EPI |
| Dichlorobenzidine, 3,3'- | 91-94-1 | 2.5E+02 | PHYSPROP | 1.2E-09 | 2.8E-11 | PHYSPROP | 2.6E-07 | PHYSPROP | 1.3E+02 | PHYSPROP | | | 4.7E-02 | 5.5E-06 | WATER9 (U.S. EPA, 2001) | | | 3.2E+03 | EPI | 3.5E+00 | PHYSPROP | 3.1E+00 | PHYSPROP | 7.8E-02 | 2.8E+00 | 6.6E+00 | 1.3E-02 | EPI |
| Dichlorobenzophenone, 4,4'- | 90-98-2 | 2.5E+02 | PHYSPROP | 4.4E-05 | 1.1E-06 | PHYSPROP | 6.4E-06 | PHYSPROP | 1.5E+02 | PHYSPROP | 1.5E+00 | CRC89 | 2.6E-02 | 6.9E-06 | WATER9 (U.S. EPA, 2001) | | | 2.9E+03 | EPI | 4.4E+00 | PHYSPROP | 8.3E-01 | PHYSPROP | 3.3E-01 | 2.7E+00 | 6.4E+00 | 5.4E-02 | EPI |
| Dichlorodifluoromethane | 75-71-8 | 1.2E+02 | PHYSPROP | 1.4E+01 | 3.4E-01 | PHYSPROP | 4.8E+03 | PHYSPROP | -1.6E+02 | PHYSPROP | 1.5E+00 | PERRY | 7.6E-02 | 1.1E-05 | WATER9 (U.S. EPA, 2001) | | | 4.4E+01 | EPI | 2.2E+00 | PHYSPROP | 2.8E+02 | PHYSPROP | 3.8E-02 | 5.0E-01 | 1.2E+00 | 9.0E-03 | EPI |
| Dichloroethane, 1,1- | 75-34-3 | 9.9E+01 | PHYSPROP | 2.3E-01 | 5.6E-03 | PHYSPROP | 2.3E+02 | PHYSPROP | -9.7E+01 | PHYSPROP | 1.2E+00 | CRC89 | 8.4E-02 | 1.1E-05 | WATER9 (U.S. EPA, 2001) | | | 3.2E+01 | EPI | 1.8E+00 | PHYSPROP | 5.0E+03 | PHYSPROP | 2.6E-02 | 3.8E-01 | 9.0E-01 | 6.8E-03 | EPI |
| Dichloroethane, 1,2- | 107-06-2 | 9.9E+01 | PHYSPROP | 4.8E-02 | 1.2E-03 | PHYSPROP | 7.9E+01 | PHYSPROP | -3.6E+01 | PHYSPROP | 1.2E+00 | CRC89 | 8.6E-02 | 1.1E-05 | WATER9 (U.S. EPA, 2001) | | | 4.0E+01 | EPI | 1.5E+00 | PHYSPROP | 8.6E+03 | PHYSPROP | 1.6E-02 | 3.8E-01 | 9.0E-01 | 4.2E-03 | EPI |
| Dichloroethylene, 1,1- | 75-35-4 | 9.7E+01 | PHYSPROP | 1.1E+00 | 2.6E-02 | PHYSPROP | 6.0E+02 | PHYSPROP | -1.2E+02 | PHYSPROP | 1.2E+00 | CRC89 | 8.6E-02 | 1.1E-05 | WATER9 (U.S. EPA, 2001) | | | 3.2E+01 | EPI | 2.1E+00 | PHYSPROP | 2.4E+03 | PHYSPROP | 4.4E-02 | 3.7E-01 | 8.8E-01 | 1.2E-02 | EPI |
| Dichloroethylene, 1,2-cis- | 156-59-2 | 9.7E+01 | PHYSPROP | 1.7E-01 | 4.1E-03 | PHYSPROP | 2.0E+02 | PHYSPROP | -8.0E+01 | PHYSPROP | 1.3E+00 | CRC89 | 8.8E-02 | 1.1E-05 | WATER9 (U.S. EPA, 2001) | | | 4.0E+01 | EPI | 1.9E+00 | PHYSPROP | 6.4E+03 | PHYSPROP | 4.2E-02 | 3.7E-01 | 8.8E-01 | 1.1E-02 | EPI |
| Dichloroethylene, 1,2-trans- | 156-60-5 | 9.7E+01 | PHYSPROP | 3.8E-01 | 9.4E-03 | PHYSPROP | 3.3E+02 | EPI | -5.0E+01 | PHYSPROP | 1.3E+00 | CRC89 | 8.8E-02 | 1.1E-05 | WATER9 (U.S. EPA, 2001) | | | 4.0E+01 | EPI | 2.1E+00 | PHYSPROP | 4.5E+03 | PHYSPROP | 4.2E-02 | 3.7E-01 | 8.8E-01 | 1.1E-02 | EPI |
| Dichlorophenol, 2,4- | 120-83-2 | 1.6E+02 | PHYSPROP | 1.8E-04 | 4.3E-06 | EPI | 9.0E-02 | PHYSPROP | 4.5E+01 | PHYSPROP | 1.4E+00 | PERRY | 4.9E-02 | 8.7E-06 | WATER9 (U.S. EPA, 2001) | | | 1.5E+02 | SSL | 3.1E+00 | PHYSPROP | 5.6E+03 | PHYSPROP | 1.0E-01 | 8.6E-01 | 2.1E+00 | 2.1E-02 | EPI |
| Dichlorophenoxy Acetic Acid, 2,4- | 94-75-7 | 2.2E+02 | PHYSPROP | 1.4E-06 | 3.5E-08 | EPI | 8.5E-05 | PHYSPROP | 1.4E+02 | PHYSPROP | 1.4E+00 | PubChem | 2.9E-02 | 7.3E-06 | WATER9 (U.S. EPA, 2001) | | | 3.0E+01 | EPI | 2.8E+00 | PHYSPROP | 6.8E+02 | PHYSPROP | 3.8E-02 | 1.8E+00 | 4.2E+00 | 6.6E-03 | EPI |
| Dichloropropane, 1,2- | 78-87-5 | 1.1E+02 | PHYSPROP | 1.2E-01 | 2.8E-03 | PHYSPROP | 5.3E+01 | PHYSPROP | -1.0E+02 | PHYSPROP | 1.2E+00 | PERRY | 7.3E-02 | 9.7E-06 | WATER9 (U.S. EPA, 2001) | | | 6.1E+01 | EPI | 2.0E+00 | PHYSPROP | 2.8E+03 | PHYSPROP | 3.1E-02 | 4.5E-01 | 1.1E+00 | 7.5E-03 | EPI |
| Dichloropropane, 1,3- | 142-28-9 | 1.1E+02 | PHYSPROP | 4.0E-02 | 9.8E-04 | PHYSPROP | 1.8E+01 | PHYSPROP | -1.0E+02 | PHYSPROP | 1.2E+00 | CRC89 | 7.4E-02 | 9.8E-06 | WATER9 (U.S. EPA, 2001) | | | 7.2E+01 | EPI | 2.0E+00 | PHYSPROP | 2.8E+03 | PHYSPROP | 3.2E-02 | 4.5E-01 | 1.1E+00 | 7.8E-03 | EPI |
| Dichloropropanol, 2,3- | 616-23-9 | 1.3E+02 | PHYSPROP | 1.5E-07 | 3.6E-09 | PHYSPROP | 1.8E-01 | PHYSPROP | -2.5E+01 | EPI | 1.4E+00 | CRC89 | 6.8E-02 | 9.9E-06 | WATER9 (U.S. EPA, 2001) | | | 5.6E+00 | EPI | 7.8E-01 | PHYSPROP | 6.4E+04 | PHYSPROP | 4.3E-03 | 5.5E-01 | 1.3E+00 | 9.8E-04 | EPI |
| Dichloropropene, 1,3- | 542-75-6 | 1.1E+02 | PHYSPROP | 1.5E-01 | 3.6E-03 | PHYSPROP | 3.4E+01 | PHYSPROP | -5.0E+01 | PHYSPROP | 1.2E+00 | LANGE | 7.6E-02 | 1.0E-05 | WATER9 (U.S. EPA, 2001) | | | 7.2E+01 | EPI | 2.0E+00 | PHYSPROP | 2.8E+03 | PHYSPROP | 3.4E-02 | 4.4E-01 | 1.1E+00 | 8.3E-03 | EPI |
| Dichlorvos | 62-73-7 | 2.2E+02 | PHYSPROP | 2.4E-05 | 5.7E-07 | EPI | 1.6E-02 | PHYSPROP | -6.0E+01 | PHYSPROP | 1.4E+00 | CRC89 | 2.8E-02 | 7.3E-06 | WATER9 (U.S. EPA, 2001) | | | 5.4E+01 | EPI | 1.4E+00 | PHYSPROP | 8.0E+03 | PHYSPROP | 4.6E-03 | 1.8E+00 | 4.4E+00 | 8.0E-04 | EPI |
| Dicrotophos | 141-66-2 | 2.4E+02 | PHYSPROP | 2.1E-09 | 5.0E-11 | PHYSPROP | 1.6E-04 | PHYSPROP | 7.9E+01 | EPI | 1.2E+00 | CRC89 | 2.5E-02 | 6.4E-06 | WATER9 (U.S. EPA, 2001) | | | 1.7E+01 | EPI | 0.0E+00 | PHYSPROP | 1.0E+06 | PHYSPROP | 4.3E-04 | 2.2E+00 | 5.4E+00 | 7.3E-05 | EPI |
| Dicyclopentadiene | 77-73-6 | 1.3E+02 | PHYSPROP | 2.6E+00 | 6.3E-02 | PHYSPROP | 2.3E+00 | EPI | -1.0E+00 | PHYSPROP | 9.3E-01 | LANGE | 5.6E-02 | 7.8E-06 | WATER9 (U.S. EPA, 2001) | | | 1.5E+03 | EPI | 3.2E+00 | PHYSPROP | 2.6E+01 | PHYSPROP | 1.6E-01 | 5.8E-01 | 1.4E+00 | 3.6E-02 | EPI |
| Dieldrin | 60-57-1 | 3.8E+02 | PHYSPROP | 4.1E-04 | 1.0E-05 | PHYSPROP | 5.9E-06 | PHYSPROP | 1.8E+02 | PHYSPROP | 1.8E+00 | CRC89 | 2.3E-02 | 6.0E-06 | WATER9 (U.S. EPA, 2001) | | | 2.0E+04 | EPI | 5.4E+00 | PHYSPROP | 2.0E-01 | PHYSPROP | 2.4E-01 | 1.4E+01 | 3.4E+01 | 3.3E-02 | EPI |
| Diesel Engine Exhaust | E17136615 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diethanolamine | 111-42-2 | 1.1E+02 | PHYSPROP | 1.6E-09 | 3.9E-11 | EPI | 2.8E-04 | PHYSPROP | 2.8E+01 | PHYSPROP | 1.1E+00 | CRC89 | 7.7E-02 | 9.8E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | -1.4E+00 | PHYSPROP | 1.0E+06 | PHYSPROP | 1.8E-04 | 4.1E-01 | 9.8E-01 | 4.5E-05 | EPI |
| Diethylene Glycol Monobutyl Ether | 112-34-5 | 1.6E+02 | PHYSPROP | 2.9E-07 | 7.2E-09 | PHYSPROP | 2.2E-02 | PHYSPROP | -6.8E+01 | PHYSPROP | 9.6E-01 | CRC89 | 4.1E-02 | 7.0E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+01 | EPI | 5.6E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 2.2E-03 | 8.5E-01 | 2.0E+00 | 4.5E-04 | EPI |
| Diethylene Glycol Monoethyl Ether | 111-90-0 | 1.3E+02 | PHYSPROP | 9.1E-07 | 2.2E-08 | EPI | 1.3E-01 | PHYSPROP | -7.6E+01 | PHYSPROP | 9.9E-01 | CRC89 | 5.6E-02 | 8.0E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | -5.4E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 5.4E-04 | 5.9E-01 | 1.4E+00 | 1.2E-04 | EPI |
| Diethylformamide | 617-84-5 | 1.0E+02 | PHYSPROP | 5.3E-06 | 1.3E-07 | PHYSPROP | 1.2E+00 | EPI | -7.6E+00 | EPI | 9.1E-01 | CRC89 | 7.3E-02 | 9.0E-06 | WATER9 (U.S. EPA, 2001) | | | 2.1E+00 | EPI | 5.0E-02 | PHYSPROP | 1.0E+06 | PHYSPROP | 1.8E-03 | 3.9E-01 | 9.3E-01 | 4.6E-04 | EPI |
| Diethylstilbestrol | 56-53-1 | 2.7E+02 | PHYSPROP | 2.4E-10 | 5.8E-12 | PHYSPROP | 1.4E-08 | PHYSPROP | 1.7E+02 | PHYSPROP | | | 4.6E-02 | 5.3E-06 | WATER9 (U.S. EPA, 2001) | | | 2.7E+05 | EPI | 5.1E+00 | PHYSPROP | 1.2E+01 | PHYSPROP | 7.2E-01 | 3.3E+00 | 1.3E+01 | 1.1E-01 | EPI |
| Difenzoquat | 43222-48-6 | 3.6E+02 | PHYSPROP | | | | 4.1E-12 | PHYSPROP | 1.6E+02 | PHYSPROP | | | 3.8E-02 | 4.4E-06 | WATER9 (U.S. EPA, 2001) | | | 7.8E+04 | EPI | 6.5E-01 | PHYSPROP | 8.2E+05 | PHYSPROP | 2.9E-04 | 1.1E+01 | 2.6E+01 | 4.0E-05 | EPI |
| Difubenzuron | 35367-38-5 | 3.1E+02 | PHYSPROP | 1.9E-07 | 4.6E-09 | EPI | 9.0E-12 | PHYSPROP | 2.4E+02 | PHYSPROP | | | 3.4E-02 | 5.8E-06 | WATER9 (U.S. EPA, 2001) | | | 4.6E+02 | EPI | 3.9E+00 | PHYSPROP | 2.4E+01 | PHYSPROP | 7.3E-02 | 5.8E+00 | 1.4E+01 | 1.1E-02 | EPI |
| Difluoroethane, 1,1- | 75-37-6 | 6.6E+01 | PHYSPROP | 8.3E-01 | 2.0E-02 | PHYSPROP | 4.6E+03 | PHYSPROP | -1.2E+02 | PHYSPROP | 9.0E-01 | CRC89 | 1.0E-01 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 3.2E+01 | EPI | 7.5E-01 | PHYSPROP | 3.2E+03 | PHYSPROP | 6.6E-03 | 2.5E-01 | 5.9E-01 | 2.1E-03 | EPI |
| Difluoropropane, 2,2- | 420-45-1 | 8.0E+01 | PHYSPROP | 2.1E+01 | 5.1E-01 | PHYSPROP | 1.8E+03 | PHYSPROP | -1.0E+02 | PHYSPROP | 9.2E-01 | CRC89 | 9.0E-02 | 1.0E-05 | WATER9 (U.S. EPA, 2001) | | | 4.4E+01 | EPI | 2.3E+00 | PHYSPROP | 1.6E+02 | PHYSPROP | 6.4E-02 | 3.0E-01 | 7.1E-01 | 1.9E-02 | EPI |
| Dihydrosafrole | 94-58-6 | 1.6E+02 | PHYSPROP | 5.0E-04 | 1.2E-05 | PHYSPROP | 5.6E-02 | PHYSPROP | 4.4E+01 | EPI | 1.1E+00 | PubChem | 4.3E-02 | 7.4E-06 | WATER9 (U.S. EPA, 2001) | | | 2.1E+02 | EPI | 3.6E+00 | PHYSPROP | 5.7E+01 | PHYSPROP | 2.2E-01 | 8.7E-01 | 2.1E+00 | 4.5E-02 | EPI |
| Diisopropyl Ether | 108-20-3 | 1.0E+02 | PHYSPROP | 1.0E-01 | 2.6E-03 | PHYSPROP | 1.5E+02 | PHYSPROP | -8.7E+01 | PHYSPROP | 7.2E-01 | CRC89 | 6.5E-02 | 7.8E-06 | WATER9 (U.S. EPA, 2001) | | | 2.3E+01 | EPI | 1.5E+00 | PHYSPROP | 8.8E+03 | PHYSPROP | 1.7E-02 | 3.9E-01 | 9.4E-01 | 4.3E-03 | EPI |
| Diisopropyl Methylphosphonate | 1445-75-6 | 1.8E+02 | PHYSPROP | 1.8E-03 | 4.4E-05 | EPI | 2.3E-01 | PHYSPROP | -2.4E+01 | EPI | 9.8E-01 | ATSDR Profile | 3.4E-02 | 6.6E-06 | WATER9 (U.S. EPA, 2001) | | | 4.2E+01 | EPI | 1.0E+00 | PHYSPROP | 1.5E+03 | PHYSPROP | 3.8E-03 | 1.1E+00 | 2.6E+00 | 7.4E-04 | EPI |
| Dimethipin | 55290-64-7 | 2.1E+02 | PHYSPROP | 9.4E-10 | 2.3E-11 | EPI | 3.8E-07 | PHYSPROP | 1.7E+02 | PHYSPROP | | | 5.4E-02 | 6.3E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+01 | EPI | -1.7E-01 | PHYSPROP | 4.6E+03 | PHYSPROP | 4.5E-04 | 1.6E+00 | 3.8E+00 | 8.0E-05 | EPI |
| Dimethoate | 60-51-5 | 2.3E+02 | PHYSPROP | 9.9E-09 | 2.4E-10 | EPI | 1.9E-05 | PHYSPROP | 5.2E+01 | PHYSPROP | 1.3E+00 | CRC89 | 2.6E-02 | 6.7E-06 | WATER9 (U.S. EPA, 2001) | | | 1.3E+01 | EPI | 7.8E-01 | PHYSPROP | 2.3E+04 | PHYSPROP | 1.6E-03 | 2.0E+00 | 4.9E+00 | 2.7E-04 | EPI |
| Dimethoxybenzidine, 3,3'- | 119-90-4 | 2.4E+02 | PHYSPROP | 1.9E-09 | 4.7E-11 | PHYSPROP | 1.3E-07 | PHYSPROP | 1.4E+02 | PHYSPROP | | | 4.9E-02 | 5.7E-06 | WATER9 (U.S. EPA, 2001) | | | 5.1E+02 | EPI | 1.8E+00 | PHYSPROP | 6.0E+01 | PHYSPROP | 6.4E-03 | 2.5E+00 | 5.9E+00 | 1.1E-03 | EPI |
| Dimethyl methylphosphonate | 756-79-6 | 1.2E+02 | PHYSPROP | 5.6E-06 | 1.4E-07 | PHYSPROP | 8.3E-01 | PHYSPROP | -4.8E+01 | EPI | 1.2E+00 | CRC89 | 6.7E-02 | 9.2E-06 | WATER9 (U.S. EPA, 2001) | | | 5.4E+00 | EPI | -6.1E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 5.3E-04 | 5.2E-01 | 1.2E+00 | 1.2E-04 | EPI |
| Dimethylamino azobenzene [p-] | 60-11-7 | 2.3E+02 | PHYSPROP | 1.6E-08 | 4.0E-10 | PHYSPROP | 7.0E-08 | EPI | 1.2E+02 | PHYSPROP | | | 5.1E-02 | 6.0E-06 | WATER9 (U.S. EPA, 2001) | | | 2.0E+03 | EPI | 4.6E+00 | PHYSPROP | 2.3E-01 | PHYSPROP | 5.4E-01 | 1.9E+00 | 4.6E+00 | 9.4E-02 | EPI |
| Dimethylaniline HCl, 2,4- | 21436-96-4 | 1.2E+02 | PHYSPROP | 9.5E-05 | 2.3E-06 | PHYSPROP | 1.8E-01 | PHYSPROP | 1.6E+02 | EPI | | | 7.8E-02 | 9.1E-06 | WATER9 (U.S. EPA, 2001) | | | 3.5E+02 | EPI | 2.2E+00 | PHYSPROP | 3.7E+03 | PHYSPROP | 8.6E-05 | 5.0E-01 | 1.2E+00 | 2.0E-05 | EPI |
| Dimethylaniline, 2,4- | 95-68-1 | 1.2E+02 | PHYSPROP | 1.0E-04 | 2.5E-06 | PHYSPROP | 1.3E-01 | PHYSPROP | -1.4E+01 | PHYSPROP | 9.7E-01 | CRC89 | 6.3E-02 | 8.4E-06 | WATER9 (U.S. EPA, 2001) | | | 1.8E+02 | EPI | 1.7E+00 | PHYSPROP | 6.1E+03 | PHYSPROP | 1.8E-02 | 5.0E-01 | 1.2E+00 | 4.3E-03 | EPI |
| Dimethylaniline, N,N- | 121-69-7 | 1.2E+02 | PHYSPROP | 2.3E-03 | 5.7E-05 | EPI | 7.0E-01 | PHYSPROP | 2.5E+00 | PHYSPROP | 9.6E-01 | CRC89 | 6.3E-02 | 8.3E-06 | WATER9 (U.S. EPA, 2001) | | | 7.9E+01 | EPI | 2.3E+00 | PHYSPROP | 1.5E+03 | PHYSPROP | 4.7E-02 | 5.0E-01 | 1.2E+00 | 1.1E-02 | EPI |
| Dimethylbenzidine, 3,3'- | 119-93-7 | 2.1E+02 | PHYSPROP | 2.6E-09 | 6.3E-11 | PHYSPROP | 6.9E-07 | PHYSPROP | 1.3E+02 | PHYSPROP | | | 5.3E-02 | 6.2E-06 | WATER9 (U.S. EPA, 2001) | | | 3.2E+03 | EPI | 2.3E+00 | PHYSPROP | 1.3E+03 | PHYSPROP | 2.0E-02 | 1.6E+00 | 3.9E+00 | 3.6E-03 | EPI |
| Dimethylformamide | 68-12-2 | 7.3E+01 | PHYSPROP | 3.0E-06 | 7.4E-08 | PHYSPROP | 3.9E+00 | PHYSPROP | -6.0E+01 | PHYSPROP | 9.4E-01 | CRC89 | 9.7E-02 | 1.1E-05 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | -1.0E+00 | PHYSPROP | 1.0E+06 | PHYSPROP | 4.3E-04 | 2.7E-01 | 6.5E-01 | 1.3E-04 | EPI |
| Dimethylhydrazine, 1,1- | 57-14-7 | 6.0E+01 | PHYSPROP | 5.3E-04 | 1.3E-05 | PHYSPROP | 1.6E+02 | PHYSPROP | -5.8E+01 | PHYSPROP | 7.9E-01 | CRC89 | 1.0E-01 | 1.1E-05 | WATER9 (U.S. EPA, 2001) | | | 1.2E+01 | EPI | -1.2E+00 | PHYSPROP | 1.0E+06 | PHYSPROP | 2.2E-04 | 2.3E-01 | 5.5E-01 | 7.3E-05 | RAGSE |
| Dimethylhydrazine, 1,2- | 540-73-8 | 6.0E+01 | PHYSPROP | 2.8E-06 | 7.0E-08 | PHYSPROP | 7.0E+01 | PHYSPROP | -9.0E+00 | PHYSPROP | 8.3E-01 | CRC89 | 1.1E-01 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 1.5E+01 | EPI | -5.4E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 9.5E-04 | 2.3E-01 | 5.5E-01 | 3.2E-04 | EPI |
| Dimethylphenol, 2,4- | 105-67-9 | 1.2E+02 | PHYSPROP | 3.9E-05 | 9.5E-07 | PHYSPROP | 1.0E-01 | PHYSPROP | 2.5E+01 | PHYSPROP | 9.7E-01 | CRC89 | 6.2E-02 | 8.3E-06 | WATER9 (U.S. EPA, 2001) | | | 4.9E+02 | EPI | 2.3E+00 | PHYSPROP | 7.9E+03 | PHYSPROP | 4.6E-02 | 5.1E-01 | 1.2E+00 | 1.1E-02 | EPI |
| Dimethylphenol, 2,6- | 576-26-1 | 1.2E+02 | PHYSPROP | 2.7E-04 | 6.7E-06 | PHYSPROP | 1.7E-01 | EPI | 4.6E+01 | PHYSPROP | | | 7.7E-02 | 9.0E-06 | WATER9 (U.S. EPA, 2001) | | | 5.0E+02 | EPI | 2.4E+00 | PHYSPROP | 6.1E+03 | PHYSPROP | 5.1E-02 | 5.1E-01 | 1.2E+00 | 1.2E-02 | EPI |
| Dimethylphenol, 3,4- | 95-65-8 | 1.2E+02 | PHYSPROP | 1.7E-05 | 4.2E-07 | PHYSPROP | 3.6E-02 | EPI | 6.1E+01 | PHYSPROP | 9.8E-01 | CRC89 | 6.3E-02 | 8.4E-06 | WATER9 (U.S. EPA, 2001) | | | 4.9E+02 | EPI | 2.2E+00 | PHYSPROP | 4.8E+03 | PHYSPROP | 4.2E-02 | 5.1E-01 | 1.2E+00 | 9.8E-03 | EPI |
| Dimethylvinylchloride | 513-37-1 | 9.1E+01 | PHYSPROP | 4.8E-02 | 1.2E-03 | CRC89 | 2.1E+02 | PHYSPROP | -1.0E+02 | EPI | 9.2E-01 | CRC89 | 8.1E-02 | 9.7E-06 | WATER9 (U.S. EPA, 2001) | | | 6.1E+01 | EPI | 2.6E+00 | PHYSPROP | 1.0E+03 | PHYSPROP | 9.3E-02 | 3.4E-01 | 8.1E-01 | 2.5E-02 | EPI |
| Dinitro-o-cresol, 4,6- | 534-52-1 | 2.0E+02 | PHYSPROP | 5.7E-05 | 1.4E-06 | PHYSPROP | 1.2E-04 | PHYSPROP | 8.7E+01 | PHYSPROP | | | 5.6E-02 | 6.5E-06 | WATER9 (U.S. EPA, 2001) | | | 7.5E+02 | EPI | 2.1E+00 | PHYSPROP | 2.0E+02 | PHYSPROP | 1.7E-02 | 1.4E+00 | 3.2E+00 | 3.2E-03 | EPI |
| Dinitro-o-cyclohexyl Phenol, 4,6- | 131-89-5 | 2.7E+02 | PHYSPROP | 2.3E-06 | 5.5E-08 | PHYSPROP | 4.2E-08 | PHYSPROP | 1.1E+02 | PHYSPROP | | | 4.6E-02 | 5.4E-06 | WATER9 (U.S. EPA, 2001) | | | 1.7E+04 | EPI | 4.1E+00 | PHYSPROP | 1.5E+01 | PHYSPROP | 1.7E-01 | 3.3E+00 | 7.8E+00 | 2.8E-02 | EPI |
| Dinitrobenzene, 1,2- | 528-29-0 | 1.7E+02 | PHYSPROP | 2.2E-06 | 5.3E-08 | EPI | 4.6E-05 | EPI | 1.2E+02 | PHYSPROP | 1.3E+00 | CRC89 | 4.5E-02 | 8.3E-06 | WATER9 (U.S. EPA, 2001) | | | 3.6E+02 | EPI | 1.7E+00 | PHYSPROP | 1.2E+03 | PHYSPROP | 1.2E-02 | 9.2E-01 | 2.2E+00 | 2.4E-03 | EPI |
| Dinitrobenzene, 1,3- | 99-65-0 | 1.7E+02 | PHYSPROP | 2.0E-06 | 4.9E-08 | PHYSPROP | 9.0E-04 | EPI | 9.0E+01 | PHYSPROP | 1.6E+00 | CRC89 | 4.8E-02 | 9.2E-06 | WATER9 (U.S. EPA, 2001) | | | 3.5E+02 | EPI | 1.5E+00 | PHYSPROP | 5.3E+02 | PHYSPROP | 8.7E-03 | 9.2E-01 | 2.2E+00 | 1.7E-03 | EPI |
| Dinitrobenzene, 1,4- | 100-25-4 | 1.7E+02 | PHYSPROP | 3.4E-06 | 8.4E-08 | PHYSPROP | 2.6E-05 | PHYSPROP | 1.7E+02 | PHYSPROP | 1.6E+00 | CRC89 | 4.9E-02 | 9.4E-06 | WATER9 (U.S. EPA, 2001) | | | 3.5E+02 | EPI | 1.5E+00 | PHYSPROP | 6.9E+01 | PHYSPROP | 8.3E-03 | 9.2E-01 | 2.2E+00 | 1.7E-03 | EPI |
| Dinitrophenol, 2,4- | 51-28-5 | 1.8E+02 | PHYSPROP | 3.5E-06 | 8.6E-08 | PHYSPROP | 3.9E-04 | PHYSPROP | 1.1E+02 | PHYSPROP | 1.7E+00 | CRC89 | 4.1E-02 | 9.1E-06 | WATER9 (U.S. EPA, 2001) | | | 4.6E+02 | EPI | 1.7E+00 | PHYSPROP | 2.8E+03 | PHYSPROP | 9.8E-03 | 1.1E+00 | 2.7E+00 | 1.9E-03 | EPI |
| Dinitrotoluene Mixture, 2,4/2,6- | E1615210 | 1.8E+02 | EPI | 1.6E-05 | 4.0E-07 | EPI | 2.2E-03 | EPI | 6.0E+01 | EPI | | | 5.9E-02 | 6.9E-06 | WATER9 (U.S. EPA, 2001) | | | 5.9E+02 | EPI | 2.2E+00 | EPI | 2.7E+02 | EPI | 2.2E-02 | 1.1E+00 | 2.6E+00 | 4.2E-03 | EPI |
| Dinitrotoluene, 2,4- | 121-14-2 | 1.8E+02 | PHYSPROP | 2.2E-06 | 5.4E-08 | PHYSPROP | 1.5E-04 | PHYSPROP | 7.1E+01 | PHYSPROP | 1.3E+00 | CRC89 | 3.8E-02 | 7.9E-06 | WATER9 (U.S. EPA, 2001) | | | 5.8E+02 | EPI | 2.0E+00 | PHYSPROP | 2.0E+02 | PHYSPROP | 1.6E-02 | 1.1E+00 | 2.6E+00 | 3.1E-03 | EPI |
| Dinitrotoluene, 2,6- | 606-20-2 | 1.8E+02 | PHYSPROP | 3.1E-05 | 7.5E-07 | EPI | 5.7E-04 | PHYSPROP | 6.6E+01 | PHYSPROP | 1.3E+00 | CRC89 | 3.7E-02 | 7.8E-06 | WATER9 (U.S. EPA, 2001) | | | 5.9E+02 | EPI | 2.1E+00 | PHYSPROP | 1.8E+02 | PHYSPROP | 1.9E-02 | 1.1E+00 | 2.6E+00 | 3.7E-03 | EPI |
| Dinitrotoluene, 2-Amino-4,6- | 35572-78-2 | 2.0E+02 | PHYSPROP | 1.3E-09 | 3.3E-11 | PHYSPROP | 1.1E-05 | PHYSPROP | 1.7E+02 | PHYSPROP | | | 5.6E-02 | 6.6E-06 | WATER9 (U.S. EPA, 2001) | | | 2.8E+02 | EPI | 1.8E+00 | PHYSPROP | 1.2E+03 | PHYSPROP | 1.1E-02 | 1.3E+00 | 3.2E+00 | 2.0E-03 | EPI |
| Dinitrotoluene, 4-Amino-2,6- | 19406-51-0 | 2.0E+02 | PHYSPROP | 1.3E-09 | 3.3E-11 | PHYSPROP | 1.1E-05 | PHYSPROP | 1.7E+02 | PHYSPROP | | | 5.6E-02 | 6.6E-06 | WATER9 (U.S. EPA, 2001) | | | 2.8E+02 | EPI | 1.8E+00 | PHYSPROP | 1.2E+03 | PHYSPRO

| Contaminant | | Molecular Weight | | Volatility Parameters | | | | | Melting Point | | Density | | Diffusivity in Air and Water | | | Partition Coefficients | | | | | | Water Solubility | | Tapwater Dermal Parameters | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | CAS No. | MW | MW Ref | H' (unitless) | HLC (atm-$m^3$/mole) | H' and HLC Ref | VP mmHg | VP Ref | MP C | MP Ref | Density ($g/cm^3$) | Density Ref | Dia ($cm^2/s$) | Diw ($cm^2/s$) | $D_{ia}$ and $D_{iw}$ Ref | $K_d$ (L/kg) | $K_d$ Ref | $K_{oc}$ (L/kg) | $K_{oc}$ Ref | log $K_{ow}$ (unitless) | log $K_{ow}$ Ref | S (mg/L) | S Ref | B (unitless) | $\tau_{event}$ (hr/event) | t* (hr) | $K_p$ (cm/hr) | $K_p$ Ref |
| Ethylene Cyanohydrin | 109-78-4 | 7.1E+01 | PHYSPROP | 3.1E-07 | 7.5E-09 | EPI | 8.0E-02 | PHYSPROP | -4.6E+01 | PHYSPROP | 1.0E+00 | CRC89 | 1.0E-01 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | -9.4E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 4.8E-04 | 2.6E-01 | 6.3E-01 | 1.5E-04 | EPI |
| Ethylene Diamine | 107-15-3 | 6.0E+01 | PHYSPROP | 7.1E-08 | 1.7E-09 | PHYSPROP | 1.2E+01 | PHYSPROP | 1.1E+01 | PHYSPROP | 9.0E-01 | CRC89 | 1.1E-01 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 1.5E+01 | EPI | -2.0E+00 | PHYSPROP | 1.0E+06 | PHYSPROP | 9.5E-05 | 2.3E-01 | 5.5E-01 | 3.2E-05 | EPI |
| Ethylene Glycol | 107-21-1 | 6.2E+01 | PHYSPROP | 2.5E-06 | 6.0E-08 | PHYSPROP | 9.2E-02 | PHYSPROP | 1.1E+00 | PHYSPROP | 1.1E+00 | CRC89 | 1.1E-01 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | -1.4E+00 | PHYSPROP | 1.0E+06 | PHYSPROP | 2.7E-04 | 2.3E-01 | 5.6E-01 | 2.8E-05 | EPI |
| Ethylene Glycol Monobutyl Ether | 111-76-2 | 1.2E+02 | PHYSPROP | 6.5E-05 | 1.6E-06 | PHYSPROP | 8.8E-01 | PHYSPROP | -7.5E+01 | PHYSPROP | 9.0E-01 | CRC89 | 6.3E-02 | 8.1E-06 | WATER9 (U.S. EPA, 2001) | | | 2.8E+00 | EPI | 8.3E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 5.1E-03 | 4.8E-01 | 1.2E+00 | 1.2E-03 | EPI |
| Ethylene Oxide | 75-21-8 | 4.4E+01 | PHYSPROP | 6.1E-03 | 1.5E-04 | PHYSPROP | 1.3E+03 | PHYSPROP | -1.1E+02 | PHYSPROP | 8.8E-01 | CRC89 | 1.3E-01 | 1.5E-05 | WATER9 (U.S. EPA, 2001) | | | 3.2E+00 | EPI | -3.0E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 1.4E-03 | 1.9E-01 | 4.5E-01 | 5.6E-04 | EPI |
| Ethylene Thiourea | 96-45-7 | 1.0E+02 | PHYSPROP | 5.6E-10 | 1.4E-11 | PHYSPROP | 2.0E-06 | PHYSPROP | 2.0E+02 | PHYSPROP | | | 8.7E-02 | 1.0E-05 | WATER9 (U.S. EPA, 2001) | | | 1.3E+01 | EPI | -6.6E-01 | PHYSPROP | 2.0E+04 | PHYSPROP | 5.9E-04 | 3.9E-01 | 9.4E-01 | 1.5E-04 | EPI |
| Ethyleneimine | 151-56-4 | 4.3E+01 | PHYSPROP | 4.9E-04 | 1.2E-05 | EPI | 2.1E+02 | PHYSPROP | -7.8E+01 | PHYSPROP | 8.3E-01 | CRC89 | 1.3E-01 | 1.4E-05 | WATER9 (U.S. EPA, 2001) | | | 9.0E+00 | EPI | -2.8E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 1.5E-03 | 1.8E-01 | 4.4E-01 | 5.8E-04 | EPI |
| Ethylphthalyl Ethyl Glycolate | 84-72-0 | 2.8E+02 | PHYSPROP | 2.7E-07 | 6.6E-09 | PHYSPROP | 2.2E-04 | PHYSPROP | 2.3E+01 | EPI | | | 4.4E-02 | 5.2E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+03 | EPI | 2.2E+00 | PHYSPROP | 2.2E+02 | PHYSPROP | 7.7E-03 | 3.9E+00 | 9.4E+00 | 1.2E-03 | EPI |
| Fenamiphos | 22224-92-6 | 3.0E+02 | PHYSPROP | 4.9E-08 | 1.2E-09 | EPI | 1.0E-06 | PHYSPROP | 4.9E+01 | PHYSPROP | 1.2E+00 | CRC89 | 2.1E-02 | 5.4E-06 | WATER9 (U.S. EPA, 2001) | | | 4.0E+02 | EPI | 3.2E+00 | PHYSPROP | 3.3E+02 | PHYSPROP | 2.9E-02 | 5.3E+00 | 1.3E+01 | 4.4E-03 | EPI |
| Fenpropathrin | 39515-41-8 | 3.5E+02 | PHYSPROP | 3.1E-04 | 7.6E-06 | EPI | 5.5E-06 | PHYSPROP | 4.7E+01 | PHYSPROP | | | 3.8E-02 | 4.5E-06 | WATER9 (U.S. EPA, 2001) | | | 2.2E+04 | EPI | 5.7E+00 | PHYSPROP | 3.3E-01 | PHYSPROP | 1.2E+00 | 9.5E+00 | 3.7E+01 | 1.7E-01 | EPI |
| Fenvalerate | 51630-58-1 | 4.2E+02 | PHYSPROP | 1.4E-06 | 3.5E-08 | EPI | 1.5E-09 | PHYSPROP | 4.0E+01 | PHYSPROP | 1.2E+00 | CRC89 | 1.8E-02 | 4.4E-06 | WATER9 (U.S. EPA, 2001) | | | 3.2E+05 | EPI | 6.2E+00 | PHYSPROP | 2.4E-02 | PHYSPROP | 7.4E-01 | 2.4E+01 | 9.1E+01 | 9.4E-02 | EPI |
| Fluometuron | 2164-17-2 | 2.3E+02 | PHYSPROP | 1.1E-07 | 2.6E-09 | EPI | 9.4E-07 | PHYSPROP | 1.6E+02 | PHYSPROP | | | 5.0E-02 | 5.9E-06 | WATER9 (U.S. EPA, 2001) | | | 2.9E+02 | EPI | 2.4E+00 | PHYSPROP | 1.1E+02 | PHYSPROP | 1.9E-02 | 2.1E+00 | 5.0E+00 | 3.2E-03 | EPI |
| Fluoride | 16984-48-8 | 3.8E+01 | EPI | | | | | | -2.2E+02 | EPI | | | | | | 1.5E+02 | BAES | | | | | 1.7E+00 | EPI | 2.4E-03 | 1.7E-01 | 4.1E-01 | 1.0E-03 | RAGSE |
| Fluorine (Soluble Fluoride) | 7782-41-4 | 3.8E+01 | PHYSPROP | | | | | | -2.2E+02 | PHYSPROP | 1.6E+00 | CRC89 | | | | 1.5E+02 | BAES | | | | | 1.7E+00 | PHYSPROP | 2.4E-03 | 1.7E-01 | 4.1E-01 | 1.0E-03 | RAGSE |
| Fluridone | 59756-60-4 | 3.3E+02 | PHYSPROP | 3.3E-07 | 8.1E-09 | EPI | 9.8E-08 | PHYSPROP | 1.5E+02 | PHYSPROP | | | 4.0E-02 | 4.7E-06 | WATER9 (U.S. EPA, 2001) | | | 5.7E+04 | EPI | 3.2E+00 | PHYSPROP | 1.2E+01 | PHYSPROP | 2.0E-02 | 7.3E+00 | 1.8E+01 | 2.8E-03 | EPI |
| Flurprimidol | 56425-91-3 | 3.1E+02 | PHYSPROP | 5.4E-08 | 1.3E-09 | EPI | 3.6E-07 | PHYSPROP | 9.5E+01 | PHYSPROP | | | 4.1E-02 | 4.8E-06 | WATER9 (U.S. EPA, 2001) | | | 2.2E+03 | EPI | 3.3E+00 | PHYSPROP | 1.1E+02 | PHYSPROP | 3.1E-02 | 5.9E+00 | 1.4E+01 | 4.6E-03 | EPI |
| Flusilazole | 85509-19-9 | 3.2E+02 | PHYSPROP | 9.2E-08 | 2.3E-09 | PHYSPROP | 2.9E-07 | PHYSPROP | 5.4E+01 | PHYSPROP | | | 4.1E-02 | 4.8E-06 | WATER9 (U.S. EPA, 2001) | | | 8.1E+04 | EPI | 3.7E+00 | PHYSPROP | 5.4E+01 | PHYSPROP | 5.2E-02 | 6.1E+00 | 1.5E+01 | 7.7E-03 | EPI |
| Flutolanil | 66332-96-5 | 3.2E+02 | PHYSPROP | 1.3E-07 | 3.2E-09 | EPI | 4.9E-08 | PHYSPROP | 1.0E+02 | PHYSPROP | | | 4.0E-02 | 4.7E-06 | WATER9 (U.S. EPA, 2001) | | | 2.6E+03 | EPI | 3.7E+00 | PHYSPROP | 6.5E+00 | PHYSPROP | 4.8E-02 | 6.8E+00 | 1.6E+01 | 6.9E-03 | EPI |
| Fluvalinate | 69409-94-5 | 5.0E+02 | PHYSPROP | 5.9E-07 | 1.5E-08 | PHYSPROP | 1.0E-07 | PHYSPROP | 1.6E+02 | EPI | | | 3.0E-02 | 3.5E-06 | WATER9 (U.S. EPA, 2001) | | | 7.3E+05 | EPI | 6.8E+00 | PHYSPROP | 5.0E-03 | PHYSPROP | 6.8E-01 | 6.9E+01 | 2.7E+02 | 7.9E-02 | EPI |
| Folpet | 133-07-3 | 3.0E+02 | PHYSPROP | 3.1E-06 | 7.7E-08 | EPI | 1.6E-07 | PHYSPROP | 1.8E+02 | EPI | | | 4.3E-02 | 5.0E-06 | WATER9 (U.S. EPA, 2001) | | | 1.8E+01 | EPI | 2.9E+00 | PHYSPROP | 8.0E-01 | PHYSPROP | 1.9E-02 | 4.8E+00 | 1.2E+01 | 2.7E-03 | EPI |
| Fomesafen | 72178-02-0 | 4.4E+02 | PHYSPROP | 3.1E-11 | 7.5E-13 | PHYSPROP | 7.5E-07 | EPI | 2.2E+02 | PHYSPROP | 1.3E+00 | CRC89 | 1.9E-02 | 4.6E-06 | WATER9 (U.S. EPA, 2001) | | | 1.5E+03 | EPI | 2.9E+00 | PHYSPROP | 5.0E+01 | PHYSPROP | 3.7E-03 | 3.0E+01 | 7.2E+01 | 4.6E-04 | EPI |
| Fonofos | 944-22-9 | 2.5E+02 | PHYSPROP | 2.9E-04 | 7.0E-06 | EPI | 3.4E-04 | PHYSPROP | 6.6E-01 | EPI | 1.2E+00 | CRC89 | 2.4E-02 | 6.1E-06 | WATER9 (U.S. EPA, 2001) | | | 8.6E+02 | EPI | 3.9E+00 | PHYSPROP | 1.6E+01 | PHYSPROP | 1.6E-01 | 2.5E+00 | 6.0E+00 | 2.7E-02 | EPI |
| Formaldehyde | 50-00-0 | 3.0E+01 | PHYSPROP | 1.4E-05 | 3.4E-07 | PHYSPROP | 3.9E+03 | EPI | -9.2E+01 | PHYSPROP | 8.2E-01 | CRC89 | 1.7E-01 | 1.7E-05 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | 3.5E-01 | PHYSPROP | 4.0E+05 | PHYSPROP | 3.8E-03 | 1.5E-01 | 3.7E-01 | 1.8E-03 | EPI |
| Formic Acid | 64-18-6 | 4.6E+01 | PHYSPROP | 6.8E-06 | 1.7E-07 | PHYSPROP | 4.3E+01 | PHYSPROP | 8.3E+00 | PHYSPROP | 1.2E+00 | CRC89 | 1.5E-01 | 1.7E-05 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | -5.4E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 9.9E-04 | 1.9E-01 | 4.6E-01 | 3.8E-04 | EPI |
| Fosetyl-AL | 39148-24-8 | 3.5E+02 | PHYSPROP | 1.3E-12 | 3.2E-14 | PHYSPROP | 7.5E-11 | PHYSPROP | 2.2E+02 | PHYSPROP | | | 3.8E-02 | 4.4E-06 | WATER9 (U.S. EPA, 2001) | | | 6.5E+03 | EPI | -2.4E+00 | PHYSPROP | 1.1E+05 | PHYSPROP | 3.0E-06 | 1.0E+01 | 2.4E+01 | 4.1E-07 | EPI |
| Furans | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ~Dibenzofuran | 132-64-9 | 1.7E+02 | PHYSPROP | 8.7E-03 | 2.1E-04 | EPI | 2.5E-03 | PHYSPROP | 8.7E+01 | PHYSPROP | 1.1E+00 | CRC89 | 6.5E-02 | 7.4E-06 | WATER9 (U.S. EPA, 2001) | | | 9.2E+03 | EPI | 4.1E+00 | PHYSPROP | 3.1E+00 | PHYSPROP | 4.9E-01 | 9.2E-01 | 2.2E+00 | 9.8E-02 | EPI |
| ~Furan | 110-00-9 | 6.8E+01 | PHYSPROP | 2.2E-01 | 5.4E-03 | EPI | 6.0E+02 | PHYSPROP | -8.6E+01 | PHYSPROP | 9.5E-01 | CRC89 | 1.0E-01 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 8.0E+01 | EPI | 1.3E+00 | PHYSPROP | 1.0E+04 | PHYSPROP | 1.6E-02 | 2.5E-01 | 6.1E-01 | 5.1E-03 | EPI |
| ~Tetrahydrofuran | 109-99-9 | 7.2E+01 | PHYSPROP | 2.9E-03 | 7.1E-05 | PHYSPROP | 1.6E+02 | PHYSPROP | -1.1E+02 | PHYSPROP | 8.8E-01 | CRC89 | 9.9E-02 | 1.1E-05 | WATER9 (U.S. EPA, 2001) | | | 1.1E+01 | EPI | 4.6E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 4.1E-03 | 2.7E-01 | 6.4E-01 | 1.3E-03 | EPI |
| Furazolidone | 67-45-8 | 2.3E+02 | PHYSPROP | 1.3E-09 | 3.3E-11 | PHYSPROP | 2.6E-06 | PHYSPROP | 2.6E+02 | PHYSPROP | | | 5.1E-02 | 6.0E-06 | WATER9 (U.S. EPA, 2001) | | | 8.6E+02 | EPI | -4.0E-02 | PHYSPROP | 4.0E+01 | PHYSPROP | 4.6E-04 | 1.9E+00 | 4.6E+00 | 8.0E-05 | EPI |
| Furfural | 98-01-1 | 9.6E+01 | PHYSPROP | 1.5E-04 | 3.8E-06 | EPI | 2.2E+00 | PHYSPROP | -3.8E+01 | PHYSPROP | 1.2E+00 | CRC89 | 8.5E-02 | 1.1E-05 | WATER9 (U.S. EPA, 2001) | | | 6.1E+00 | EPI | 4.1E-01 | PHYSPROP | 7.4E+04 | PHYSPROP | 3.2E-03 | 3.6E-01 | 8.7E-01 | 8.5E-04 | EPI |
| Furium | 531-82-8 | 2.5E+02 | EPI | 5.4E-14 | 1.3E-15 | EPI | 8.8E-09 | EPI | 1.9E+02 | EPI | | | 4.7E-02 | 5.5E-06 | WATER9 (U.S. EPA, 2001) | | | 5.8E+02 | EPI | 1.8E+00 | EPI | 4.2E+03 | EPI | 5.7E-03 | 2.8E+00 | 6.6E+00 | 9.4E-04 | EPI |
| Furmecyclox | 60568-05-0 | 2.5E+02 | PHYSPROP | 2.8E-07 | 6.9E-09 | PHYSPROP | 8.4E-05 | PHYSPROP | 3.3E+01 | PHYSPROP | | | 4.8E-02 | 5.6E-06 | WATER9 (U.S. EPA, 2001) | | | 4.3E+02 | EPI | 4.4E+00 | PHYSPROP | 3.0E-01 | PHYSPROP | 3.0E-01 | 2.7E+00 | 6.4E+00 | 5.0E-02 | EPI |
| Glufosinate, Ammonium | 77182-82-2 | 2.0E+02 | PHYSPROP | 1.8E-12 | 4.4E-14 | PHYSPROP | 9.1E-12 | PHYSPROP | 2.2E+02 | PHYSPROP | | | 5.6E-02 | 6.5E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+01 | EPI | -4.8E+00 | PHYSPROP | 1.4E+06 | PHYSPROP | 1.9E-07 | 1.4E+00 | 3.2E+00 | 3.4E-08 | EPI |
| Glutaraldehyde | 111-30-8 | 1.0E+02 | PHYSPROP | 1.3E-06 | 3.3E-08 | PHYSPROP | 6.0E-01 | PHYSPROP | -3.0E+01 | EPI | | | 8.8E-02 | 1.0E-05 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | -3.3E-01 | PHYSPROP | 2.0E+05 | PHYSPROP | 1.3E-03 | 3.8E-01 | 9.2E-01 | 3.3E-04 | EPI |
| Glycidyl | 765-34-4 | 7.2E+01 | PHYSPROP | 2.1E-05 | 5.1E-07 | PHYSPROP | 4.5E+01 | PHYSPROP | -6.2E+01 | PHYSPROP | 1.1E+00 | CRC89 | 1.1E-01 | 1.3E-05 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | -1.2E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 1.7E-03 | 2.7E-01 | 6.4E-01 | 5.2E-04 | EPI |
| Glyphosate | 1071-83-6 | 1.7E+02 | PHYSPROP | 8.6E-11 | 2.1E-12 | EPI | 9.8E-08 | PHYSPROP | 1.9E+02 | PHYSPROP | | | 6.2E-02 | 7.3E-06 | WATER9 (U.S. EPA, 2001) | | | 2.1E+03 | USDA ARS | -3.4E+00 | PHYSPROP | 1.1E+04 | PHYSPROP | 2.3E-07 | 9.3E-01 | 2.2E+00 | 4.5E-08 | EPI |
| Guanidine | 113-00-8 | 5.9E+01 | PHYSPROP | 9.6E-10 | 2.3E-11 | PHYSPROP | 2.2E+00 | PHYSPROP | 5.0E+01 | PHYSPROP | 1.6E+00 | GuideChem | 1.4E-01 | 1.7E-05 | WATER9 (U.S. EPA, 2001) | | | 1.2E+01 | EPI | -1.6E+00 | PHYSPROP | 1.8E+03 | PHYSPROP | 1.8E-04 | 2.3E-01 | 5.4E-01 | 6.0E-05 | EPI |
| Guanidine Chloride | 50-01-1 | 9.6E+01 | PHYSPROP | 8.9E-17 | 2.2E-18 | PHYSPROP | 1.8E-06 | PHYSPROP | 1.8E+02 | PHYSPROP | 1.4E+00 | CRC89 | 9.2E-02 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | | | -3.6E+00 | PHYSPROP | 1.0E+06 | PHYSPROP | 1.5E-07 | 3.6E-01 | 8.7E-01 | 3.9E-08 | EPI |
| Guanidine Nitrate | 506-93-4 | 1.2E+02 | PHYSPROP | 3.7E-17 | 9.0E-19 | PHYSPROP | 1.3E-07 | PHYSPROP | 2.1E+02 | PHYSPROP | | | 7.7E-02 | 9.0E-06 | WATER9 (U.S. EPA, 2001) | | | 2.3E+01 | EPI | -8.4E+00 | PHYSPROP | 1.0E+06 | PHYSPROP | 1.1E-07 | 5.1E-01 | 1.2E+00 | 2.7E-08 | EPI |
| Haloxyfop, Methyl | 69806-40-2 | 3.8E+02 | PHYSPROP | 1.3E-05 | 3.2E-07 | EPI | 6.0E-06 | PHYSPROP | 5.6E+01 | PHYSPROP | | | 3.6E-02 | 4.3E-06 | WATER9 (U.S. EPA, 2001) | | | 5.5E+03 | EPI | 4.1E+00 | PHYSPROP | 9.3E+00 | PHYSPROP | 4.5E-02 | 1.3E+01 | 3.2E+01 | 6.0E-03 | EPI |
| Heptachlor | 76-44-8 | 3.7E+02 | PHYSPROP | 1.2E-02 | 2.9E-04 | PHYSPROP | 4.0E-04 | PHYSPROP | 9.6E+01 | PHYSPROP | 1.6E+00 | CRC89 | 2.2E-02 | 5.7E-06 | WATER9 (U.S. EPA, 2001) | | | 4.1E+04 | EPI | 6.1E+00 | PHYSPROP | 1.8E-01 | PHYSPROP | 1.1E+00 | 1.3E+01 | 5.0E+01 | 1.4E-01 | EPI |
| Heptachlor Epoxide | 1024-57-3 | 3.9E+02 | PHYSPROP | 8.6E-04 | 2.1E-05 | PHYSPROP | 2.0E-05 | PHYSPROP | 1.6E+02 | PHYSPROP | 1.9E+00 | LookChem | 2.4E-02 | 6.2E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+04 | EPI | 5.0E+00 | PHYSPROP | 2.0E-01 | PHYSPROP | 1.6E-01 | 1.6E+01 | 3.8E+01 | 2.1E-02 | EPI |
| Heptanal, n- | 111-71-7 | 1.1E+02 | PHYSPROP | 1.1E-02 | 2.7E-04 | PHYSPROP | 3.5E+00 | PHYSPROP | -4.3E+01 | PHYSPROP | 8.1E-01 | CRC89 | 6.2E-02 | 7.5E-06 | WATER9 (U.S. EPA, 2001) | | | 1.1E+01 | EPI | 2.3E+00 | PHYSPROP | 1.3E+03 | PHYSPROP | 4.9E-02 | 4.6E-01 | 1.1E+00 | 1.2E-02 | EPI |
| Heptane, N- | 142-82-5 | 1.0E+02 | PHYSPROP | 8.2E+01 | 2.0E+00 | EPI | 4.6E+01 | PHYSPROP | -9.1E+01 | PHYSPROP | 6.8E-01 | CRC89 | 6.5E-02 | 7.6E-06 | WATER9 (U.S. EPA, 2001) | | | 2.4E+02 | EPI | 4.7E+00 | PHYSPROP | 3.4E+00 | PHYSPROP | 2.1E+00 | 3.8E-01 | 1.6E+00 | 5.4E-01 | EPI |
| Hexabromobenzene | 87-82-1 | 5.5E+02 | PHYSPROP | 1.1E-03 | 2.8E-05 | PHYSPROP | 1.6E-08 | PHYSPROP | 3.3E+02 | PHYSPROP | 3.0E+00 | LookChem | 2.5E-02 | 6.6E-06 | WATER9 (U.S. EPA, 2001) | | | 2.8E+03 | EPI | 6.1E+00 | PHYSPROP | 1.6E-04 | PHYSPROP | 1.2E-01 | 1.3E+02 | 3.1E+02 | 1.4E-02 | EPI |
| Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153) | 68631-49-2 | 6.4E+02 | PubChem | | | | 5.8E-06 | IRIS Profile | | | | | 2.5E-02 | 3.0E-06 | WATER9 (U.S. EPA, 2001) | | | | | | | 9.0E-04 | IRIS Profile | | 4.2E+02 | 1.0E+03 | | |
| Hexachlorobenzene | 118-74-1 | 2.8E+02 | PHYSPROP | 7.0E-02 | 1.7E-03 | PHYSPROP | 1.8E-05 | PHYSPROP | 2.3E+02 | PHYSPROP | 2.0E+00 | CRC89 | 2.9E-02 | 7.8E-06 | WATER9 (U.S. EPA, 2001) | | | 6.2E+03 | EPI | 5.7E+00 | PHYSPROP | 6.2E-03 | PHYSPROP | 1.6E+00 | 4.1E+00 | 1.7E+01 | 2.5E-01 | EPI |
| Hexachlorobutadiene | 87-68-3 | 2.6E+02 | PHYSPROP | 4.2E-01 | 1.0E-02 | PHYSPROP | 2.2E-01 | PHYSPROP | -2.1E+01 | PHYSPROP | 1.6E+00 | CRC89 | 2.7E-02 | 7.0E-06 | WATER9 (U.S. EPA, 2001) | | | 8.5E+02 | EPI | 4.8E+00 | PHYSPROP | 3.2E+00 | PHYSPROP | 5.0E-01 | 3.0E+00 | 7.3E+00 | 8.1E-02 | EPI |
| Hexachlorocyclohexane, Alpha- | 319-84-6 | 2.9E+02 | PHYSPROP | 2.7E-04 | 6.7E-06 | PHYSPROP | 3.5E-05 | EPI | 1.6E+02 | PHYSPROP | | | 4.3E-02 | 5.1E-06 | WATER9 (U.S. EPA, 2001) | | | 2.8E+03 | EPI | 3.8E+00 | PHYSPROP | 2.0E+00 | PHYSPROP | 1.4E-01 | 4.5E+00 | 1.1E+01 | 2.1E-02 | EPI |
| Hexachlorocyclohexane, Beta- | 319-85-7 | 2.9E+02 | PHYSPROP | 1.8E-05 | 4.4E-07 | PHYSPROP | 3.6E-07 | PHYSPROP | 3.1E+02 | PHYSPROP | 1.9E+00 | CRC89 | 2.8E-02 | 7.4E-06 | WATER9 (U.S. EPA, 2001) | | | 2.8E+03 | EPI | 3.8E+00 | PHYSPROP | 2.4E-01 | PHYSPROP | 1.4E-01 | 4.5E+00 | 1.1E+01 | 2.1E-02 | EPI |
| Hexachlorocyclohexane, Gamma- (Lindane) | 58-89-9 | 2.9E+02 | PHYSPROP | 2.1E-04 | 5.1E-06 | PHYSPROP | 4.2E-05 | PHYSPROP | 1.1E+02 | PHYSPROP | | | 4.3E-02 | 5.1E-06 | WATER9 (U.S. EPA, 2001) | | | 2.8E+03 | EPI | 3.7E+00 | PHYSPROP | 7.3E+00 | PHYSPROP | 1.4E-01 | 4.5E+00 | 1.1E+01 | 2.1E-02 | EPI |
| Hexachlorocyclohexane, Technical | 608-73-1 | 2.9E+02 | PHYSPROP | 2.1E-04 | 5.1E-06 | EPI | 3.5E-05 | EPI | 1.1E+02 | EPI | | | 4.3E-02 | 5.1E-06 | WATER9 (U.S. EPA, 2001) | | | 2.8E+03 | EPI | 4.1E+00 | EPI | 8.0E+00 | PHYSPROP | 1.4E-01 | 4.5E+00 | 1.1E+01 | 2.1E-02 | EPI |
| Hexachlorocyclopentadiene | 77-47-4 | 2.7E+02 | PHYSPROP | 1.1E+00 | 2.7E-02 | PHYSPROP | 6.0E-02 | PHYSPROP | -9.0E+00 | PHYSPROP | 1.7E+00 | CRC89 | 2.7E-02 | 7.2E-06 | WATER9 (U.S. EPA, 2001) | | | 1.4E+03 | EPI | 5.0E+00 | PHYSPROP | 1.8E+00 | PHYSPROP | 6.5E-01 | 3.5E+00 | 1.4E+01 | 1.0E-01 | EPI |
| Hexachloroethane | 67-72-1 | 2.4E+02 | PHYSPROP | 1.6E-01 | 3.9E-03 | PHYSPROP | 2.1E-01 | PHYSPROP | 1.9E+02 | PHYSPROP | 2.1E+00 | CRC89 | 3.2E-02 | 8.9E-06 | WATER9 (U.S. EPA, 2001) | | | 2.0E+02 | EPI | 4.1E+00 | PHYSPROP | 5.0E+01 | PHYSPROP | 2.5E-01 | 2.2E+00 | 5.3E+00 | 4.2E-02 | EPI |
| Hexachlorophene | 70-30-4 | 4.1E+02 | PHYSPROP | 2.2E-11 | 5.5E-13 | PHYSPROP | 1.0E-10 | PHYSPROP | 1.7E+02 | PHYSPROP | | | 3.5E-02 | 4.0E-06 | WATER9 (U.S. EPA, 2001) | | | 6.7E+05 | EPI | 7.5E+00 | PHYSPROP | 1.4E+02 | PHYSPROP | 6.5E+00 | 2.0E+01 | 8.9E+01 | 8.4E-01 | EPI |
| Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) | 121-82-4 | 2.2E+02 | PHYSPROP | 8.2E-10 | 2.0E-11 | EPI | 4.1E-09 | EPI | 2.1E+02 | PHYSPROP | 1.8E+00 | CRC89 | 3.1E-02 | 8.5E-06 | WATER9 (U.S. EPA, 2001) | | | 8.9E+01 | EPI | 8.7E-01 | PHYSPROP | 6.0E+01 | PHYSPROP | 1.9E-03 | 1.8E+00 | 4.4E+00 | 3.4E-04 | EPI |
| Hexamethylene Diisocyanate, 1,6- | 822-06-0 | 1.7E+02 | PHYSPROP | 2.0E-03 | 4.8E-05 | PHYSPROP | 3.0E-02 | PHYSPROP | -6.7E+01 | PHYSPROP | 1.1E+00 | CRC89 | 4.0E-02 | 7.2E-06 | WATER9 (U.S. EPA, 2001) | | | 4.8E+03 | EPI | 3.2E+00 | PHYSPROP | 1.2E+02 | PHYSPROP | 1.2E-01 | 9.2E-01 | 2.2E+00 | 2.4E-02 | EPI |
| Hexamethylphosphoramide | 680-31-9 | 1.8E+02 | PHYSPROP | 8.2E-07 | 2.0E-08 | PHYSPROP | 4.6E-02 | PHYSPROP | 7.2E+00 | PHYSPROP | 1.0E+00 | CRC89 | 3.5E-02 | 6.9E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+01 | EPI | 2.8E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 1.2E-03 | 1.1E+00 | 2.5E+00 | 2.4E-04 | EPI |
| Hexane, N- | 110-54-3 | 8.6E+01 | PHYSPROP | 7.4E+01 | 1.8E+00 | EPI | 1.5E+02 | PHYSPROP | -9.9E+01 | PHYSPROP | 6.6E-01 | CRC89 | 1.7E-01 | 1.8E-05 | WATER9 (U.S. EPA, 2001) | | | 1.3E+02 | EPI | 3.9E+00 | PHYSPROP | 9.5E+00 | PHYSPROP | 7.2E-01 | 3.2E-01 | 1.2E+00 | 2.0E-01 | EPI |
| Hexanedioic Acid | 124-04-9 | 1.5E+02 | PHYSPROP | 1.9E-10 | 4.7E-12 | EPI | 3.2E-07 | EPI | 1.5E+02 | PHYSPROP | 1.4E+00 | CRC89 | 5.8E-02 | 9.2E-06 | WATER9 (U.S. EPA, 2001) | | | 2.4E+01 | EPI | 8.0E-02 | PHYSPROP | 3.1E+04 | PHYSPROP | 1.2E-03 | 6.9E-01 | 1.7E+00 | 2.7E-04 | EPI |
| Hexanone, 2- | 591-78-6 | 1.0E+02 | PHYSPROP | 3.8E-03 | 9.3E-05 | EPI | 1.2E+01 | PHYSPROP | -5.6E+01 | PHYSPROP | 8.1E-01 | CRC89 | 7.0E-02 | 8.4E-06 | WATER9 (U.S. EPA, 2001) | | | 1.5E+01 | EPI | 1.4E+00 | PHYSPROP | 1.7E+04 | PHYSPROP | 1.4E-02 | 3.8E-01 | 9.2E-01 | 3.6E-03 | EPI |
| Hexazinone | 51235-04-2 | 2.5E+02 | PHYSPROP | 9.2E-11 | 2.3E-12 | EPI | 2.3E-07 | EPI | 1.2E+02 | PHYSPROP | 1.3E+00 | CRC89 | 2.5E-02 | 6.3E-06 | WATER9 (U.S. EPA, 2001) | | | 1.3E+02 | EPI | 1.9E+00 | PHYSPROP | 3.3E+04 | PHYSPROP | 6.2E-03 | 2.7E+00 | 6.5E+00 | 1.0E-03 | EPI |
| Hexythiazox | 78587-05-0 | 3.5E+02 | PHYSPROP | 9.7E-07 | 2.4E-08 | EPI | 2.6E-08 | PHYSPROP | 1.1E+02 | PHYSPROP | | | 3.8E-02 | 4.4E-06 | WATER9 (U.S. EPA, 2001) | | | 2.1E+03 | EPI | 5.6E+00 | PHYSPROP | 5.0E-01 | PHYSPROP | 6.0E-01 | 1.0E+01 | 2.4E+01 | 8.3E-02 | EPI |
| Hydramethylnon | 67485-29-4 | 4.9E+02 | PHYSPROP | 9.0E-05 | 2.2E-06 | EPI | 2.0E-08 | PHYSPROP | 1.9E+02 | PHYSPROP | | | 3.0E-02 | 3.6E-06 | WATER9 (U.S. EPA, 2001) | | | 1.8E+08 | EPI | 2.3E+00 | PHYSPROP | 6.0E-03 | PHYSPROP | 7.7E-04 | 6.2E+01 | 1.5E+02 | 9.0E-05 | EPI |
| Hydrazine | 302-01-2 | 3.2E+01 | PHYSPROP | 2.5E-05 | 6.1E-07 | PubChem | 1.4E+01 | PHYSPROP | 2.0E+00 | PHYSPROP | 1.0E+00 | CRC89 | 1.7E-01 | 1.9E-05 | WATER9 (U.S. EPA, 2001) | | | | | -2.1E+00 | PHYSPROP | 1.0E+06 | PHYSPROP | 9.5E-05 | 1.6E-01 | 3.8E-01 | 4.4E-05 | RAGSE |
| Hydrazine Sulfate | 10034-93-2 | 1.3E+02 | EPI | | | | | | 2.5E+02 | CRC89 | 1.4E+00 | CRC89 | | | | | | | | | | 3.1E+04 | PERRY | 4.4E-03 | 5.5E-01 | 1.3E+00 | 1.0E-03 | RAGSE |
| Hydrogen Chloride | 7647-01-0 | 3.5E+01 | EPI | 8.3E+07 | 2.0E+06 | Toxnet HSDB | 3.2E+04 | PubChem | -1.1E+02 | CRC89 | 1.5E+00 | CRC89 | 1.9E-01 | 2.3E-05 | WATER9 (U.S. EPA, 2001) | | | | | | | 6.7E+03 | Toxnet HSDB | 2.3E-03 | 1.7E-01 | 4.0E-01 | 1.0E-03 | RAGSE |
| Hydrogen Fluoride | 7664-39-3 | 2.0E+01 | PHYSPROP | 4.3E-03 | 1.0E-04 | PHYSPROP | 9.2E+02 | PHYSPROP | -8.4E+01 | PHYSPROP | 8.2E-01 | CRC89 | 2.2E-01 | 2.2E-05 | WATER9 (U.S. EPA, 2001) | | | 2.3E-01 | PHYSPROP | | | 1.0E+06 | PHYSPROP | 1.7E-03 | 1.4E-01 | 3.3E-01 | 1.0E-03 | RAGSE |
| Hydrogen Sulfide | 7783-06-4 | 3.4E+01 | PHYSPROP | 3.5E-01 | 8.6E-03 | PhysProp | 1.6E+04 | PHYSPROP | -8.5E+01 | PHYSPROP | 1.4E+00 | CRC89 | 1.9E-01 | 2.2E

| Contaminant | | Molecular Weight | | Volatility Parameters | | | | | Melting Point | | Density | | Diffusivity in Air and Water | | | Partition Coefficients | | | | | | Water Solubility | | Tapwater Dermal Parameters | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | CAS No. | MW | MW Ref | H' (unitless) | HLC (atm-m$^3$/mole) | H' and HLC Ref | VP mmHg | VP Ref | MP C | MP Ref | Density (g/cm$^3$) | Density Ref | Dia (cm$^2$/s) | Diw (cm$^2$/s) | $D_{ia}$ and $D_{iw}$ Ref | $K_d$ (L/kg) | $K_d$ Ref | $K_{oc}$ (L/kg) | $K_{oc}$ Ref | log $K_{ow}$ (unitless) | log $K_{ow}$ Ref | S (mg/L) | S Ref | B (unitless) | $\tau_{event}$ (hr/event) | $t^*$ (hr) | $K_p$ (cm/hr) | $K_p$ Ref |
| Manganese (Diet) | 7439-96-5 | 5.5E+01 | PHYSPROP | | | | 0.0E+00 | NIOSH | 1.2E+03 | PHYSPROP | 7.3E+00 | CRC89 | | | | 6.5E+01 | BAES | | | | | | | 2.9E-03 | 2.1E-01 | 5.1E-01 | 1.0E-03 | RAGSE |
| Manganese (Non-diet) | 7439-96-5 | 5.5E+01 | PHYSPROP | | | | 0.0E+00 | NIOSH | 1.2E+03 | PHYSPROP | 7.3E+00 | CRC89 | | | | 6.5E+01 | BAES | | | | | | | 2.9E-03 | 2.1E-01 | 5.1E-01 | 1.0E-03 | RAGSE |
| Mephosfolan | 950-10-7 | 2.7E+02 | PHYSPROP | 4.9E-09 | 1.2E-10 | PHYSPROP | 3.2E-05 | PHYSPROP | 8.4E+01 | EPI | | | 4.6E-02 | 5.3E-06 | WATER9 (U.S. EPA, 2001) | | | 6.4E+02 | EPI | 1.0E+00 | PHYSPROP | 5.7E+01 | PHYSPROP | 1.5E-03 | 3.4E+00 | 8.1E+00 | 2.0E-04 | EPI |
| Mepiquat Chloride | 24307-26-4 | 1.5E+02 | PHYSPROP | 1.8E-10 | 4.3E-12 | PHYSPROP | 3.7E-07 | PHYSPROP | 2.2E+02 | PHYSPROP | | | 6.7E-02 | 7.9E-06 | WATER9 (U.S. EPA, 2001) | | | 6.6E+01 | EPI | -2.8E+00 | PHYSPROP | 5.0E+05 | PHYSPROP | 1.4E-05 | 7.2E-01 | 1.7E+00 | 3.0E-06 | EPI |
| Mercaptobenzothiazole, 2- | 149-30-4 | 1.7E+02 | EPI | 1.5E-06 | 3.6E-08 | EPI | 4.6E-04 | EPI | 1.8E+02 | EPI | 1.4E+00 | CRC89 | 4.7E-02 | 8.7E-06 | WATER9 (U.S. EPA, 2001) | | | 1.4E+03 | EPI | 2.4E+00 | EPI | 1.2E+02 | EPI | 3.6E-02 | 9.1E-01 | 2.2E+00 | 7.3E-03 | EPI |
| Mercury Compounds | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ~Mercuric Chloride (and other Mercury salts) | 7487-94-7 | 2.7E+02 | PHYSPROP | | | | | | 2.8E+02 | PHYSPROP | 5.6E+00 | CRC89 | | | | | | | | -2.2E-01 | PHYSPROP | 6.9E+04 | PHYSPROP | 6.3E-03 | 3.5E+00 | 8.4E+00 | 1.0E-03 | RAGSE |
| ~Mercury (elemental) | 7439-97-6 | 2.0E+02 | PHYSPROP | 3.5E-01 | 8.6E-03 | PHYSPROP VP/S | 2.0E-03 | PHYSPROP | -3.9E+01 | PHYSPROP | 1.4E+01 | CRC89 | 3.1E-02 | 6.3E-06 | WATER9 (U.S. EPA, 2001) | 5.2E+01 | SSL | | | 6.2E-01 | PHYSPROP | 6.0E-02 | PHYSPROP | 5.4E-03 | 1.4E+00 | 3.4E+00 | 1.0E-03 | RAGSE |
| ~Methyl Mercury | 22967-92-6 | 2.2E+02 | ChemID | | | | | | | | | | | | | | | | | | | | | 5.7E-03 | 1.7E+00 | 4.1E+00 | 1.0E-03 | RAGSE |
| ~Phenylmercuric Acetate | 62-38-4 | 3.4E+02 | PHYSPROP | 2.3E-08 | 5.7E-10 | EPI | 6.0E-06 | PHYSPROP | 1.5E+02 | PHYSPROP | | | 3.9E-02 | 4.6E-06 | WATER9 (U.S. EPA, 2001) | | | 5.6E+01 | EPI | 7.1E-01 | PHYSPROP | 4.4E+03 | PHYSPROP | 4.2E-04 | 8.1E+00 | 1.9E+01 | 6.0E-05 | EPI |
| Merphos | 150-50-5 | 3.0E+02 | PHYSPROP | 9.3E-04 | 2.3E-05 | PHYSPROP | 2.0E-05 | PHYSPROP | 1.0E+02 | PHYSPROP | 1.0E+00 | CRC89 | 2.0E-02 | 5.0E-06 | WATER9 (U.S. EPA, 2001) | | | 4.9E+04 | EPI | 7.7E+00 | PHYSPROP | 3.5E-03 | PHYSPROP | 2.8E+01 | 4.9E+00 | 2.3E+01 | 4.2E+00 | EPI |
| Merphos Oxide | 78-48-8 | 3.1E+02 | PHYSPROP | 1.2E-05 | 2.9E-07 | PHYSPROP | 5.3E-06 | PHYSPROP | -2.5E+01 | CRC89 | 1.1E+00 | CRC89 | 2.0E-02 | 5.0E-06 | WATER9 (U.S. EPA, 2001) | | | 2.4E+03 | EPI | 5.7E+00 | PHYSPROP | 2.3E+00 | PHYSPROP | 1.1E+00 | 6.1E+00 | 2.4E+01 | 1.7E-01 | EPI |
| Metalaxyl | 57837-19-1 | 2.8E+02 | PHYSPROP | 1.2E-07 | 3.0E-09 | EPI | 5.6E-06 | PHYSPROP | 7.1E+01 | PHYSPROP | | | 4.4E-02 | 5.2E-06 | WATER9 (U.S. EPA, 2001) | | | 3.9E+01 | EPI | 1.7E+00 | PHYSPROP | 8.4E+03 | PHYSPROP | 3.7E-03 | 3.9E+00 | 9.3E+00 | 5.8E-04 | EPI |
| Methacrylonitrile | 126-98-7 | 6.7E+01 | PHYSPROP | 1.0E-02 | 2.5E-04 | EPI | 7.1E+01 | PHYSPROP | -3.6E+01 | PHYSPROP | 8.0E-01 | CRC89 | 9.6E-02 | 1.1E-05 | WATER9 (U.S. EPA, 2001) | | | 1.3E+01 | EPI | 6.8E-01 | PHYSPROP | 2.5E+04 | PHYSPROP | 5.9E-03 | 2.5E-01 | 6.0E-01 | 1.9E-03 | EPI |
| Methamidophos | 10265-92-6 | 1.4E+02 | PHYSPROP | 3.5E-08 | 8.7E-10 | PHYSPROP | 3.5E-05 | PHYSPROP | 4.6E+01 | PHYSPROP | 1.3E+00 | CRC89 | 6.0E-02 | 9.2E-06 | WATER9 (U.S. EPA, 2001) | | | 5.4E+00 | EPI | -8.0E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 3.4E-04 | 6.5E-01 | 1.6E+00 | 7.4E-05 | EPI |
| Methanol | 67-56-1 | 3.2E+01 | PHYSPROP | 1.9E-04 | 4.6E-06 | PHYSPROP | 1.3E+02 | PHYSPROP | -9.8E+01 | PHYSPROP | 7.9E-01 | CRC89 | 1.6E-01 | 1.7E-05 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | -7.7E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 6.9E-04 | 1.6E-01 | 3.8E-01 | 3.2E-04 | EPI |
| Methidathion | 950-37-8 | 3.0E+02 | PHYSPROP | 2.9E-07 | 7.2E-09 | EPI | 3.4E-06 | PHYSPROP | 3.9E+01 | PHYSPROP | | | 4.2E-02 | 4.9E-06 | WATER9 (U.S. EPA, 2001) | | | 2.1E+01 | EPI | 2.2E+00 | PHYSPROP | 1.9E+02 | PHYSPROP | 6.1E-03 | 5.2E+00 | 1.2E+01 | 9.1E-04 | EPI |
| Methomyl | 16752-77-5 | 1.6E+02 | PHYSPROP | 8.1E-10 | 2.0E-11 | EPI | 5.4E-06 | PHYSPROP | 7.8E+01 | PHYSPROP | 1.3E+00 | CRC89 | 4.8E-02 | 8.4E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+01 | EPI | 6.0E-01 | PHYSPROP | 5.8E+04 | PHYSPROP | 2.4E-03 | 8.5E-01 | 2.0E+00 | 4.8E-04 | EPI |
| Methoxy-2-nitroaniline, 2- | 99-59-2 | 1.7E+02 | PHYSPROP | 5.1E-07 | 1.3E-08 | PHYSPROP | 3.2E-04 | PHYSPROP | 1.2E+02 | PHYSPROP | 1.2E+00 | CRC89 | 4.3E-02 | 7.8E-06 | WATER9 (U.S. EPA, 2001) | | | 7.1E+01 | EPI | 1.5E+00 | PHYSPROP | 1.2E+02 | PHYSPROP | 8.4E-03 | 9.2E-01 | 2.2E+00 | 1.7E-03 | EPI |
| Methoxychlor | 72-43-5 | 3.5E+02 | PHYSPROP | 8.3E-06 | 2.0E-07 | PHYSPROP | 2.6E-06 | PHYSPROP | 8.7E+01 | PHYSPROP | 1.4E+00 | CRC89 | 2.2E-02 | 5.6E-06 | WATER9 (U.S. EPA, 2001) | | | 2.7E+04 | EPI | 5.1E+00 | PHYSPROP | 1.0E-01 | PHYSPROP | 3.1E-01 | 9.1E+00 | 2.2E+01 | 4.3E-02 | EPI |
| Methoxyethanol Acetate, 2- | 110-49-6 | 1.2E+02 | PHYSPROP | 1.3E-05 | 3.1E-07 | EPI | 7.0E+00 | PHYSPROP | -6.5E+01 | PHYSPROP | 1.0E+00 | CRC89 | 6.6E-02 | 8.7E-06 | WATER9 (U.S. EPA, 2001) | | | 2.5E+00 | EPI | 1.0E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 1.7E-03 | 4.8E-01 | 1.2E+00 | 4.0E-04 | EPI |
| Methoxyethanol, 2- | 109-86-4 | 7.6E+01 | PHYSPROP | 1.4E-05 | 3.3E-07 | PHYSPROP | 9.5E+00 | PHYSPROP | -8.5E+01 | PHYSPROP | 9.6E-01 | CRC89 | 9.5E-02 | 1.1E-05 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | -7.7E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 6.0E-04 | 2.8E-01 | 6.7E-01 | 1.8E-04 | EPI |
| Methyl Acetate | 79-20-9 | 7.4E+01 | PHYSPROP | 4.7E-03 | 1.2E-04 | PHYSPROP | 2.2E+02 | PHYSPROP | -9.8E+01 | PHYSPROP | 9.3E-01 | CRC89 | 9.6E-02 | 1.1E-05 | WATER9 (U.S. EPA, 2001) | | | 3.1E+00 | EPI | 1.8E-01 | PHYSPROP | 2.4E+05 | PHYSPROP | 2.6E-03 | 2.7E-01 | 6.6E-01 | 7.9E-04 | EPI |
| Methyl Acrylate | 96-33-3 | 8.6E+01 | PHYSPROP | 8.1E-03 | 2.0E-04 | EPI | 8.7E+01 | PHYSPROP | -7.7E+01 | PHYSPROP | 9.5E-01 | CRC89 | 8.6E-02 | 1.0E-05 | WATER9 (U.S. EPA, 2001) | | | 5.8E+00 | EPI | 8.0E-01 | PHYSPROP | 4.9E+04 | PHYSPROP | 6.2E-03 | 3.2E-01 | 7.7E-01 | 1.8E-03 | EPI |
| Methyl Ethyl Ketone (2-Butanone) | 78-93-3 | 7.2E+01 | PHYSPROP | 2.3E-03 | 5.7E-05 | PHYSPROP | 9.1E+01 | PHYSPROP | -8.7E+01 | PHYSPROP | 8.0E-01 | CRC89 | 9.1E-02 | 1.0E-05 | WATER9 (U.S. EPA, 2001) | | | 4.5E+00 | EPI | 2.9E-01 | PHYSPROP | 2.2E+05 | PHYSPROP | 3.1E-03 | 2.7E-01 | 6.4E-01 | 9.6E-04 | EPI |
| Methyl Hydrazine | 60-34-4 | 4.6E+01 | PHYSPROP | 1.2E-04 | 3.0E-06 | PHYSPROP | 5.0E+01 | PHYSPROP | -5.2E+01 | PHYSPROP | 8.7E-01 | LANGE | 1.3E-01 | 1.4E-05 | WATER9 (U.S. EPA, 2001) | | | 1.3E+01 | EPI | -1.1E+00 | PHYSPROP | 1.0E+06 | PHYSPROP | 4.5E-04 | 1.9E-01 | 4.6E-01 | 1.7E-04 | EPI |
| Methyl Isobutyl Ketone (4-methyl-2-pentanone) | 108-10-1 | 1.0E+02 | PHYSPROP | 5.6E-03 | 1.4E-04 | EPI | 2.0E+01 | PHYSPROP | -8.4E+01 | PHYSPROP | 8.0E-01 | CRC89 | 7.0E-02 | 8.3E-06 | WATER9 (U.S. EPA, 2001) | | | 1.3E+01 | EPI | 1.3E+00 | PHYSPROP | 1.9E+04 | PHYSPROP | 1.2E-02 | 3.8E-01 | 9.2E-01 | 3.2E-03 | EPI |
| Methyl Isocyanate | 624-83-9 | 5.7E+01 | PHYSPROP | 3.8E-02 | 9.3E-04 | PHYSPROP | 3.5E+02 | PHYSPROP | -4.5E+01 | PHYSPROP | 9.6E-01 | CRC89 | 1.2E-01 | 1.3E-05 | WATER9 (U.S. EPA, 2001) | | | 4.0E+01 | EPI | 7.9E-01 | PHYSPROP | 2.9E+04 | PHYSPROP | 7.3E-03 | 2.2E-01 | 5.3E-01 | 2.5E-03 | EPI |
| Methyl Methacrylate | 80-62-6 | 1.0E+02 | PHYSPROP | 1.3E-02 | 3.2E-04 | EPI | 3.9E+01 | PHYSPROP | -4.8E+01 | PHYSPROP | 9.4E-01 | CRC89 | 7.5E-02 | 9.2E-06 | WATER9 (U.S. EPA, 2001) | | | 9.1E+00 | EPI | 1.4E+00 | PHYSPROP | 1.5E+04 | PHYSPROP | 1.4E-02 | 3.8E-01 | 9.2E-01 | 3.6E-03 | EPI |
| Methyl Parathion | 298-00-0 | 2.6E+02 | PHYSPROP | 4.1E-06 | 1.0E-07 | PHYSPROP | 3.5E-06 | PHYSPROP | 3.6E+01 | PHYSPROP | 1.4E+00 | CRC89 | 2.5E-02 | 6.4E-06 | WATER9 (U.S. EPA, 2001) | | | 7.3E+02 | EPI | 2.9E+00 | PHYSPROP | 3.8E+01 | PHYSPROP | 2.6E-02 | 3.1E+00 | 7.5E+00 | 4.2E-03 | EPI |
| Methyl Phosphonic Acid | 993-13-5 | 9.6E+01 | PHYSPROP | 5.0E-10 | 1.2E-11 | PHYSPROP | 3.3E-04 | EPI | 1.1E+02 | PHYSPROP | | | 9.1E-02 | 1.1E-05 | WATER9 (U.S. EPA, 2001) | | | 1.4E+00 | EPI | -7.0E-01 | PHYSPROP | 2.0E+04 | PHYSPROP | 3.7E-04 | 3.6E-01 | 8.7E-01 | 9.8E-05 | EPI |
| Methyl Styrene (Mixed Isomers) | 25013-15-4 | 3.5E+02 | PHYSPROP | 1.1E-01 | 2.6E-03 | PHYSPROP | 1.5E+00 | PHYSPROP | -8.6E+01 | EPI | 8.9E-01 | HSDB | 1.7E-02 | 4.2E-06 | WATER9 (U.S. EPA, 2001) | | | 7.2E+02 | EPI | 3.4E+00 | PHYSPROP | 8.9E+01 | PHYSPROP | 4.8E-01 | 1.0E+01 | 2.4E+01 | 6.6E-02 | EPI |
| Methyl methanesulfonate | 66-27-3 | 1.1E+02 | PHYSPROP | 1.6E-04 | 4.0E-06 | PHYSPROP | 3.1E-01 | PHYSPROP | 2.0E+01 | PHYSPROP | 1.3E+00 | CRC89 | 7.9E-02 | 1.1E-05 | WATER9 (U.S. EPA, 2001) | | | 4.3E+00 | EPI | -6.6E-01 | PHYSPROP | 2.0E+05 | LANGE | 5.6E-04 | 4.4E-01 | 1.0E+00 | 1.4E-04 | EPI |
| Methyl tert-Butyl Ether (MTBE) | 1634-04-4 | 8.8E+01 | PHYSPROP | 2.4E-02 | 5.9E-04 | PHYSPROP | 2.5E+02 | PHYSPROP | -1.1E+02 | PHYSPROP | 7.4E-01 | CRC89 | 7.5E-02 | 8.6E-06 | WATER9 (U.S. EPA, 2001) | | | 1.2E+01 | EPI | 9.4E-01 | PHYSPROP | 5.1E+04 | PHYSPROP | 7.6E-03 | 3.3E-01 | 7.9E-01 | 2.1E-03 | EPI |
| Methyl-1,4-benzenediamine dihydrochloride, 2- | 615-45-2 | 2.0E+02 | PHYSPROP | 2.6E-16 | 6.4E-18 | PHYSPROP | 4.1E-12 | PHYSPROP | 2.4E+02 | EPI | | | 5.6E-02 | 6.6E-06 | WATER9 (U.S. EPA, 2001) | | | 2.0E+02 | EPI | -2.1E+00 | PHYSPROP | 1.0E+06 | PHYSPROP | 2.9E-05 | 1.3E+00 | 3.1E+00 | 5.4E-06 | EPI |
| Methyl-2-Pentanol, 4- | 108-11-2 | 1.0E+02 | PHYSPROP | 1.8E-03 | 4.5E-05 | PHYSPROP | 5.3E+00 | PHYSPROP | -9.0E+01 | PHYSPROP | 8.1E-01 | CRC89 | 6.9E-02 | 8.3E-06 | WATER9 (U.S. EPA, 2001) | | | 8.2E+00 | EPI | 1.4E+00 | PHYSPROP | 1.6E+04 | PHYSPROP | 2.1E-02 | 3.9E-01 | 9.4E-01 | 5.4E-03 | EPI |
| Methyl-5-Nitroaniline, 2- | 99-55-8 | 1.5E+02 | PHYSPROP | 3.4E-07 | 8.3E-09 | PHYSPROP | 9.8E-04 | PHYSPROP | 1.1E+02 | PHYSPROP | | | 6.7E-02 | 7.8E-06 | WATER9 (U.S. EPA, 2001) | | | 1.8E+02 | EPI | 1.9E+00 | PHYSPROP | 1.0E+04 | PHYSPROP | 1.8E-02 | 7.5E-01 | 1.8E+00 | 3.8E-03 | EPI |
| Methyl-N-nitro-N-nitrosoguanidine, N- | 70-25-7 | 1.5E+02 | PHYSPROP | 5.0E-11 | 1.2E-12 | PHYSPROP | 1.2E-04 | PHYSPROP | 1.2E+02 | EPI | | | 6.8E-02 | 8.0E-06 | WATER9 (U.S. EPA, 2001) | | | 7.2E+01 | EPI | -9.2E-01 | PHYSPROP | 2.7E+05 | PHYSPROP | 2.7E-04 | 7.0E-01 | 1.7E+00 | 5.7E-05 | EPI |
| Methylaniline Hydrochloride, 2- | 636-21-5 | 1.4E+02 | PHYSPROP | 8.6E-05 | 2.1E-06 | PHYSPROP | 2.9E-01 | PHYSPROP | 2.2E+02 | PHYSPROP | | | 6.9E-02 | 8.1E-06 | WATER9 (U.S. EPA, 2001) | | | 1.2E+02 | EPI | 1.6E+00 | PHYSPROP | 8.3E+03 | PHYSPROP | 4.8E-05 | 6.7E-01 | 1.6E+00 | 1.1E-05 | EPI |
| Methylarsonic acid | 124-58-3 | 1.4E+02 | PHYSPROP | | | | 1.6E-03 | PHYSPROP | 1.6E+02 | PHYSPROP | | | 7.0E-02 | 8.2E-06 | WATER9 (U.S. EPA, 2001) | | | 4.4E+01 | EPI | -1.2E+00 | PHYSPROP | 2.6E+05 | PHYSPROP | 1.9E-04 | 6.4E-01 | 1.5E+00 | 4.2E-05 | EPI |
| Methylbenzene,1-4-diamine monohydrochloride, 2- | 74612-12-7 | 1.6E+02 | PubChem | | | | | | | | | | 6.5E-02 | 7.6E-06 | WATER9 (U.S. EPA, 2001) | | | | | | | | | | 8.1E-01 | 2.0E+00 | | |
| Methylbenzene-1,4-diamine sulfate, 2- | 615-50-9 | 2.2E+02 | ChemicalBook | | | | | | | | | | 5.2E-02 | 6.1E-06 | WATER9 (U.S. EPA, 2001) | | | | | | | | | | 1.8E+00 | 4.3E+00 | | |
| Methylcholanthrene, 3- | 56-49-5 | 2.7E+02 | PHYSPROP | 2.1E-04 | 5.2E-06 | EPI | 4.3E-08 | EPI | 1.8E+02 | PHYSPROP | 1.3E+00 | CRC89 | 2.4E-02 | 6.1E-06 | WATER9 (U.S. EPA, 2001) | | | 9.6E+05 | EPI | 6.4E+00 | PHYSPROP | 2.9E-03 | PHYSPROP | 5.7E+00 | 3.3E+00 | 1.5E+01 | 9.0E-01 | EPI |
| Methylene Chloride | 75-09-2 | 8.5E+01 | PHYSPROP | 1.3E-01 | 3.3E-03 | PHYSPROP | 4.4E+02 | PHYSPROP | -9.5E+01 | PHYSPROP | 1.3E+00 | CRC89 | 1.0E-01 | 1.3E-05 | WATER9 (U.S. EPA, 2001) | | | 2.2E+01 | EPI | 1.3E+00 | PHYSPROP | 1.3E+04 | PHYSPROP | 1.3E-02 | 3.1E-01 | 7.5E-01 | 3.5E-03 | EPI |
| Methylene-bis(2-chloroaniline), 4,4'- | 101-14-4 | 2.7E+02 | PHYSPROP | 1.7E-09 | 4.1E-11 | PHYSPROP | 2.9E-07 | PHYSPROP | 1.1E+02 | PHYSPROP | | | 4.6E-02 | 5.4E-06 | WATER9 (U.S. EPA, 2001) | | | 5.7E+03 | EPI | 3.9E+00 | PHYSPROP | 1.4E+01 | PHYSPROP | 1.2E-01 | 3.3E+00 | 7.9E+00 | 2.0E-02 | EPI |
| Methylene-bis(N,N-dimethyl) Aniline, 4,4'- | 101-61-1 | 2.5E+02 | PHYSPROP | 4.4E-08 | 1.1E-09 | PHYSPROP | 1.8E-05 | PHYSPROP | 9.2E+01 | PHYSPROP | | | 4.7E-02 | 5.5E-06 | WATER9 (U.S. EPA, 2001) | | | 2.7E+03 | EPI | 4.4E+00 | PHYSPROP | 4.1E+00 | PHYSPROP | 5.2E-01 | 2.8E+00 | 6.7E+00 | 8.4E-02 | RAGSE |
| Methylenebisbenzenamine, 4,4'- | 101-77-9 | 2.0E+02 | PHYSPROP | 2.2E-09 | 5.3E-11 | PHYSPROP | 2.0E-07 | PHYSPROP | 9.3E+01 | PHYSPROP | | | 5.6E-02 | 6.5E-06 | WATER9 (U.S. EPA, 2001) | | | 2.1E+03 | EPI | 1.6E+00 | PHYSPROP | 1.0E+03 | PHYSPROP | 7.5E-03 | 1.4E+00 | 3.3E+00 | 1.4E-03 | EPI |
| Methylenediphenyl Diisocyanate | 101-68-8 | 2.5E+02 | PHYSPROP | 3.7E-05 | 9.0E-07 | PHYSPROP | 5.0E-06 | PHYSPROP | 3.8E+01 | PHYSPROP | 1.2E+00 | CRC89 | 2.4E-02 | 6.2E-06 | WATER9 (U.S. EPA, 2001) | | | 2.8E+05 | EPI | 5.2E+00 | PHYSPROP | 8.3E-01 | PHYSPROP | 1.1E+00 | 2.7E+00 | 1.0E+01 | 1.8E-01 | EPI |
| Methylstyrene, Alpha- | 98-83-9 | 1.2E+02 | PHYSPROP | 1.0E-01 | 2.6E-03 | EPI | 1.9E+00 | EPI | -2.3E+01 | PHYSPROP | 9.1E-01 | CRC89 | 6.3E-02 | 8.2E-06 | WATER9 (U.S. EPA, 2001) | | | 7.0E+02 | EPI | 3.5E+00 | PHYSPROP | 1.2E+02 | PHYSPROP | 2.9E-01 | 4.8E-01 | 1.2E+00 | 7.0E-02 | EPI |
| Metolachlor | 51218-45-2 | 2.8E+02 | PHYSPROP | 3.7E-07 | 9.0E-09 | PHYSPROP | 3.1E-05 | PHYSPROP | -6.2E+01 | PHYSPROP | 1.1E+00 | CRC89 | 2.2E-02 | 5.5E-06 | WATER9 (U.S. EPA, 2001) | | | 4.9E+02 | EPI | 3.1E+00 | PHYSPROP | 5.3E+02 | PHYSPROP | 2.2E-02 | 4.1E+00 | 9.8E+00 | 3.4E-03 | EPI |
| Metribuzin | 21087-64-9 | 2.1E+02 | PHYSPROP | 4.8E-09 | 1.2E-10 | EPI | 4.4E-07 | PHYSPROP | 1.3E+02 | PHYSPROP | 1.3E+00 | CRC89 | 2.7E-02 | 7.1E-06 | WATER9 (U.S. EPA, 2001) | | | 5.3E+01 | EPI | 1.7E+00 | PHYSPROP | 1.1E+03 | PHYSPROP | 7.4E-03 | 1.7E+00 | 4.0E+00 | 1.3E-03 | EPI |
| Metsulfuron-methyl | 74223-64-6 | 3.8E+02 | PHYSPROP | 5.4E-15 | 1.3E-16 | EPI | 2.5E-12 | PHYSPROP | 1.6E+02 | PHYSPROP | | | 3.6E-02 | 4.2E-06 | WATER9 (U.S. EPA, 2001) | | | 9.3E+01 | EPI | 2.2E+00 | PHYSPROP | 9.5E+03 | PHYSPROP | 2.5E-03 | 1.4E+01 | 3.4E+01 | 3.3E-04 | EPI |
| Mineral oils | 8012-95-1 | 1.7E+02 | EPI | 3.3E+02 | 8.2E+00 | EPI | 1.4E-01 | EPI | -9.6E+00 | EPI | 8.8E-01 | ChemNet | 3.6E-02 | 6.4E-06 | WATER9 (U.S. EPA, 2001) | | | 4.8E+03 | EPI | 6.1E+00 | EPI | 3.7E-03 | EPI | 9.8E+00 | 9.5E-01 | 4.3E+00 | 2.0E+00 | EPI |
| Mirex | 2385-85-5 | 5.5E+02 | PHYSPROP | 3.3E-02 | 8.1E-04 | PHYSPROP | 8.0E-07 | PHYSPROP | 4.9E+02 | CRC89 | 2.3E+00 | ChemNet | 2.2E-02 | 5.6E-06 | WATER9 (U.S. EPA, 2001) | | | 3.6E+05 | EPI | 6.9E+00 | PHYSPROP | 8.5E-02 | PHYSPROP | 4.6E-01 | 1.2E+02 | 2.9E+02 | 5.2E-02 | EPI |
| Molinate | 2212-67-1 | 1.9E+02 | PHYSPROP | 1.7E-04 | 4.1E-06 | PHYSPROP | 5.6E-03 | PHYSPROP | 7.0E+01 | EPI | 1.1E+00 | CRC89 | 3.2E-02 | 6.8E-06 | WATER9 (U.S. EPA, 2001) | | | 1.8E+02 | EPI | 3.2E+00 | PHYSPROP | 9.7E+02 | PHYSPROP | 9.9E-02 | 1.2E+00 | 2.8E+00 | 1.9E-02 | EPI |
| Molybdenum | 7439-98-7 | 9.6E+01 | PHYSPROP | | | | 0.0E+00 | NIOSH | 2.6E+03 | PHYSPROP | 1.0E+01 | CRC89 | | | | 2.0E+01 | BAES | | | | | | | 3.8E-03 | 3.6E-01 | 8.7E-01 | 1.0E-03 | RAGSE |
| Monochloramine | 10599-90-3 | 5.1E+01 | EPI | | | | | | -6.6E+01 | CRC89 | | | | | | | | | | | | | | 2.8E-03 | 2.0E-01 | 4.9E-01 | 1.0E-03 | RAGSE |
| Monomethylaniline | 100-61-8 | 1.1E+02 | PHYSPROP | 3.6E-04 | 8.9E-06 | PHYSPROP | 4.5E-01 | PHYSPROP | -5.7E+01 | PHYSPROP | 9.9E-01 | CRC89 | 7.2E-02 | 9.1E-06 | WATER9 (U.S. EPA, 2001) | | | 8.2E+01 | EPI | 1.7E+00 | PHYSPROP | 5.6E+03 | PHYSPROP | 2.0E-02 | 4.2E-01 | 1.0E+00 | 5.0E-03 | EPI |
| Myclobutanil | 88671-89-0 | 2.7E+02 | PHYSPROP | 1.7E-07 | 4.3E-09 | EPI | 1.6E-06 | PHYSPROP | 6.6E+01 | PHYSPROP | | | 4.5E-02 | 5.3E-06 | WATER9 (U.S. EPA, 2001) | | | 6.1E+03 | EPI | 2.9E+00 | PHYSPROP | 1.4E+02 | PHYSPROP | 2.1E-02 | 3.6E+00 | 8.7E+00 | 3.4E-03 | EPI |
| N,N'-Diphenyl-1,4-benzenediamine | 74-31-7 | 2.6E+02 | PHYSPROP | 8.4E-09 | 2.1E-10 | PHYSPROP | 6.4E-09 | EPI | 1.4E+02 | PHYSPROP | | | 4.7E-02 | 5.4E-06 | WATER9 (U.S. EPA, 2001) | | | 5.2E+04 | EPI | 4.0E+00 | PHYSPROP | 7.4E+01 | PHYSPROP | 1.6E-01 | 3.0E+00 | 7.2E+00 | 2.6E-02 | EPI |
| Naled | 300-76-5 | 3.8E+02 | PHYSPROP | 2.7E-03 | 6.5E-05 | EPI | 2.0E-04 | PHYSPROP | 2.7E+01 | PHYSPROP | 2.0E+00 | CRC89 | 2.5E-02 | 6.4E-06 | WATER9 (U.S. EPA, 2001) | | | 1.3E+02 | EPI | 1.4E+00 | PHYSPROP | 1.5E+00 | PHYSPROP | 7.1E-04 | 1.4E+01 | 3.4E+01 | 9.4E-05 | EPI |
| Naphtha, High Flash Aromatic (HFAN) | 64742-95-6 | | | 1.8E-02 | 4.4E-04 | EPI | 8.5E-02 | EPI | | | | | | | | | | | | | | | | 3.1E+01 | EPI | | | |
| Naphthylamine, 2- | 91-59-8 | 1.4E+02 | PHYSPROP | 3.3E-06 | 8.1E-08 | PHYSPROP | 2.6E-04 | PHYSPROP | 1.1E+02 | PHYSPROP | 1.6E+00 | CRC89 | 6.4E-02 | 1.0E-05 | WATER9 (U.S. EPA, 2001) | | | 2.5E+03 | EPI | 2.3E+00 | PHYSPROP | 1.9E+02 | PHYSPROP | 3.7E-02 | 6.7E-01 | 1.6E+00 | 8.1E-03 | EPI |
| Napropamide | 15299-99-7 | 2.7E+02 | PHYSPROP | 3.4E-08 | 8.4E-10 | EPI | 1.7E-07 | PHYSPROP | 7.5E+01 | PHYSPROP | | | 4.5E-02 | 5.3E-06 | WATER9 (U.S. EPA, 2001) | | | 3.2E+03 | EPI | 3.4E+00 | PHYSPROP | 7.3E+01 | PHYSPROP | 5.1E-02 | 3.5E+00 | 8.3E+00 | 8.0E-03 | EPI |
| Nickel Acetate | 373-02-4 | 1.8E+02 | PHYSPROP | | | | 1.8E-05 | PHYSPROP | | | 1.8E+00 | PERRY | 4.6E-02 | 9.7E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | -1.4E+00 | PHYSPROP | 1.7E+05 | PHYSPROP | 9.9E-05 | 1.0E+00 | 2.5E+00 | 1.9E-05 | EPI |
| Nickel Carbonate | 3333-67-3 | 1.2E+02 | PHYSPROP | | | | 3.6E-06 | PHYSPROP | | | | | 7.9E-02 | 9.2E-06 | WATER9 (U.S. EPA, 2001) | | | | | -2.1E+00 | PHYSPROP | 9.3E+01 | PERRY | 5.5E-05 | 4.9E-01 | 1.2E+00 | 1.3E-05 | EPI |
| Nickel Carbonyl | 13463-39-3 | 1.7E+02 | CRC89 | 2.0E+01 | 5.0E-01 | MSDS | 3.2E+02 | NIOSH | -1.9E+01 | CRC89 | 1.3E+00 | CRC89 | 4.3E-02 | 8.2E-06 | WATER9 (U.S. EPA, 2001) | | | | | | | 1.8E+02 | PERRY | | 9.5E-01 | 2.3E+00 | | |
| Nickel Hydroxide | 12054-48-7 | 9.3E+01 | Webbook | | | | | | | | | | | | | | | | | | | | | 3.7E-03 | 3.5E-01 | 8.3E-01 | 1.0E-03 | RAGSE |
| Nickel Oxide | 1313-99-1 | 7.5E+01 | EPI | | | | | | 2.0E+03 | CRC89 | 6.7E+00 | CRC89 | | | | | | | | | | | | 3.3E-03 | 2.8E-01 | 6.6E-01 | 1.0E-03 | RAGSE |
| Nickel Refinery Dust | E715532 | | | | | | | | | | | | | | | 1.5E+02 | BAES | | | | | | | | | | 2.0E-04 | RAGSE |
| Nickel Soluble Salts | 7440-02-0 | 5.9E+01 | PHYSPROP | | | | 0.0E+00 | NIOSH | 1.5E+03 | CRC89 | 8.9E+00 | CRC89 | | | | 6.5E+01 | SSL | | | | | | | 5.9E-04 | 2.2E-01 | 5.4E-01 | 2.0E-04 | RAGSE |
| Nickel Subsulfide | 12035-72-2 | 2.4E+02 | CRC89 | | | | | | 7.9E+02 | CRC89 | 5.9E+00 | CRC89 | | | | | | | | | | | | 1.2E-03 | 2.3E+00 | 5.6E+00 | 2.0E-04 | RAGSE |
| Nickelocene | 1271-28-9 | 1.9E+02 | CRC89 | | | | | | 1.7E+02 | CRC89 | | | 5.8E-02 | 6.7E-06 | WATER9 (U.S. EPA, 2001) | | | | | | | | | | 1.2E+00 | 2.9E+00 | | |
| Nitrate | 14797-55-8 | 6.2E+01 | EPI | | | | | | | | | | | | | | | | | | | | | 3.0E-03 | 2.3E-01 | 5.6E-01 | 1.0E-03 | RAGSE |
| Nitrate + Nitrite (as N) | E701177 | | | | | | | | | | | | | | | | | | | | | | | | | | 1.0E-03 | RAGSE |
| Nitrite | 14797-65-0 | 4.7E+01 | EPI | | | | | | | | | | | | | | | | | | | | | 2.6E-03 | 1.9E-01 | 4.6E-01 | 1.0E-03 | RAGSE |
| Nitroaniline, 2- | 88-74-4 | 1.4E+02 | PHYSPROP | 2.4E-06 | 5.9E-08 | PHYSPROP | 2.8E-03 | PHYSPROP | 7.1E+01 | PHYSPROP | 9.0E-01 | CRC89 | 5.2E-02 | 7.4E-06 | W

| Contaminant | | Molecular Weight | | Volatility Parameters | | | | | Melting Point | | Density | | Diffusivity in Air and Water | | | Partition Coefficients | | | | | | Water Solubility | | Tapwater Dermal Parameters | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | CAS No. | MW | MW Ref | H` (unitless) | HLC (atm-$m^3$/mole) | H` and HLC Ref | VP mmHg | VP Ref | MP C | MP Ref | Density ($g/cm^3$) | Density Ref | Dia ($cm^2/s$) | Diw ($cm^2/s$) | $D_{ia}$ and $D_{iw}$ Ref | $K_d$ (L/kg) | $K_d$ Ref | $K_{oc}$ (L/kg) | $K_{oc}$ Ref | log $K_{ow}$ (unitless) | log $K_{ow}$ Ref | S (mg/L) | S Ref | B (unitless) | $\tau_{event}$ (hr/event) | t* (hr) | $K_p$ (cm/hr) | $K_p$ Ref |
| Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX) | 2691-41-0 | 3.0E+02 | PHYSPROP | 3.5E-08 | 8.7E-10 | PHYSPROP | 3.3E-14 | PHYSPROP | 2.9E+02 | CRC89 | | | 4.3E-02 | 5.0E-06 | WATER9 (U.S. EPA, 2001) | | | 5.3E+02 | EPI | 1.6E-01 | PHYSPROP | 5.0E+00 | PHYSPROP | 2.9E-04 | 4.8E+00 | 1.1E+01 | 4.4E-05 | EPI |
| Octamethylpyrophosphoramide | 152-16-9 | 2.9E+02 | PHYSPROP | 1.5E-08 | 3.8E-10 | PHYSPROP | 1.0E-03 | PHYSPROP | 1.7E+01 | PHYSPROP | 1.1E+00 | CRC89 | 2.2E-02 | 5.4E-06 | WATER9 (U.S. EPA, 2001) | | | 2.0E+01 | EPI | -1.0E+00 | PHYSPROP | 1.0E+06 | PHYSPROP | 5.4E-05 | 4.2E+00 | 1.0E+01 | 8.3E-06 | EPI |
| Oryzalin | 19044-88-3 | 3.5E+02 | PHYSPROP | 7.8E-08 | 1.9E-09 | PHYSPROP | 9.8E-09 | PHYSPROP | 1.4E+02 | PHYSPROP | | | 3.9E-02 | 4.5E-06 | WATER9 (U.S. EPA, 2001) | | | 8.3E+02 | EPI | 3.7E+00 | PHYSPROP | 2.5E+00 | PHYSPROP | 3.8E-02 | 9.2E+00 | 2.2E+01 | 5.4E-03 | EPI |
| Oxadiazon | 19666-30-9 | 3.5E+02 | PHYSPROP | 3.0E-06 | 7.3E-08 | EPI | 1.1E-07 | PHYSPROP | 9.0E+01 | PHYSPROP | | | 3.9E-02 | 4.5E-06 | WATER9 (U.S. EPA, 2001) | | | 5.0E+03 | EPI | 4.8E+00 | PHYSPROP | 7.0E-01 | PHYSPROP | 2.0E-01 | 9.0E+00 | 2.2E+01 | 2.8E-02 | EPI |
| Oxamyl | 23135-22-0 | 2.2E+02 | PHYSPROP | 9.7E-09 | 2.4E-10 | EPI | 2.3E-04 | PHYSPROP | 1.0E+02 | PHYSPROP | 9.7E-01 | CRC89 | 2.3E-02 | 5.9E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+01 | EPI | -4.7E-01 | PHYSPROP | 2.8E+05 | PHYSPROP | 2.6E-04 | 1.8E+00 | 4.3E+00 | 4.5E-05 | EPI |
| Oxyfluorfen | 42874-03-3 | 3.6E+02 | PHYSPROP | 3.4E-05 | 8.2E-07 | EPI | 2.0E-07 | PHYSPROP | 8.4E+01 | PHYSPROP | 1.4E+00 | CRC89 | 2.1E-02 | 5.3E-06 | WATER9 (U.S. EPA, 2001) | | | 4.0E+04 | EPI | 4.7E+00 | PHYSPROP | 1.2E-01 | PHYSPROP | 1.5E-01 | 1.1E+01 | 2.7E+01 | 2.0E-02 | EPI |
| Paclobutrazol | 76738-62-0 | 2.9E+02 | PHYSPROP | 3.4E-09 | 8.3E-11 | EPI | 7.5E-09 | PHYSPROP | 1.7E+02 | PHYSPROP | 1.2E+00 | CRC89 | 2.2E-02 | 5.7E-06 | WATER9 (U.S. EPA, 2001) | | | 9.2E+02 | EPI | 3.2E+00 | PHYSPROP | 2.6E+01 | PHYSPROP | 3.1E-02 | 4.6E+00 | 1.1E+01 | 4.7E-03 | EPI |
| Paraquat Dichloride | 1910-42-5 | 2.6E+02 | PHYSPROP | 1.3E-11 | 3.2E-13 | PHYSPROP | 7.5E-08 | PHYSPROP | 3.0E+02 | EPI | | | 4.7E-02 | 5.5E-06 | WATER9 (U.S. EPA, 2001) | | | 6.8E+03 | EPI | -4.5E+00 | PHYSPROP | 6.2E+05 | PHYSPROP | 3.6E-07 | 2.9E+00 | 7.0E+00 | 5.8E-08 | EPI |
| Parathion | 56-38-2 | 2.9E+02 | PHYSPROP | 1.2E-05 | 3.0E-07 | PHYSPROP | 6.7E-06 | PHYSPROP | 6.1E+00 | PHYSPROP | 1.3E+00 | CRC89 | 2.3E-02 | 5.8E-06 | WATER9 (U.S. EPA, 2001) | | | 2.4E+03 | EPI | 3.8E+00 | PHYSPROP | 1.1E+01 | PHYSPROP | 8.4E-02 | 4.5E+00 | 1.1E+01 | 1.3E-02 | EPI |
| Pebulate | 1114-71-2 | 2.0E+02 | PHYSPROP | 9.7E-03 | 2.4E-04 | EPI | 8.9E-02 | PHYSPROP | 7.1E+01 | EPI | 9.5E-01 | CRC89 | 2.4E-02 | 6.1E-06 | WATER9 (U.S. EPA, 2001) | | | 3.0E+02 | EPI | 3.8E+00 | PHYSPROP | 1.0E+02 | PHYSPROP | 2.2E-01 | 1.4E+00 | 3.5E+00 | 4.0E-02 | EPI |
| Pendimethalin | 40487-42-1 | 2.8E+02 | PHYSPROP | 3.5E-05 | 8.6E-07 | EPI | 1.5E-05 | PHYSPROP | 5.6E+01 | PHYSPROP | 1.2E+00 | CRC89 | 2.3E-02 | 5.7E-06 | WATER9 (U.S. EPA, 2001) | | | 5.6E+03 | EPI | 5.2E+00 | PHYSPROP | 3.3E-01 | PHYSPROP | 7.4E-01 | 4.0E+00 | 1.5E+01 | 1.2E-01 | EPI |
| Pentabromodiphenyl Ether | 32534-81-9 | 5.6E+02 | PHYSPROP | 4.4E-03 | 1.1E-04 | PHYSPROP | 3.1E-08 | EPI | -5.0E+00 | PHYSPROP | | | 2.8E-02 | 3.2E-06 | WATER9 (U.S. EPA, 2001) | | | 2.2E+04 | EPI | 6.8E+00 | PHYSPROP | 2.4E-03 | PHYSPROP | 3.4E-01 | 1.5E+02 | 3.7E+02 | 3.7E-02 | EPI |
| Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99) | 60348-60-9 | 5.6E+02 | PHYSPROP | 4.8E-05 | 1.2E-06 | PHYSPROP | 3.1E-08 | EPI | -5.0E+00 | EPI | 2.3E+00 | IRIS Profile | 2.2E-02 | 5.6E-06 | WATER9 (U.S. EPA, 2001) | | | 2.2E+04 | EPI | 7.7E+00 | PHYSPROP | 7.9E-05 | PHYSPROP | 3.4E-01 | 1.5E+02 | 3.7E+02 | 3.7E-02 | EPI |
| Pentachlorobenzene | 608-93-5 | 2.5E+02 | PHYSPROP | 2.9E-02 | 7.0E-04 | PHYSPROP | 1.0E-03 | EPI | 8.6E+01 | PHYSPROP | 1.8E+00 | CRC89 | 2.9E-02 | 7.9E-06 | WATER9 (U.S. EPA, 2001) | | | 3.7E+03 | EPI | 5.2E+00 | PHYSPROP | 8.3E-01 | PHYSPROP | 1.0E+00 | 2.7E+00 | 1.0E+01 | 1.7E-01 | EPI |
| Pentachloroethane | 76-01-7 | 2.0E+02 | PHYSPROP | 7.9E-02 | 1.9E-03 | EPI | 3.5E+00 | PHYSPROP | -2.9E+01 | PHYSPROP | 1.7E+00 | CRC89 | 3.2E-02 | 8.6E-06 | WATER9 (U.S. EPA, 2001) | | | 1.4E+02 | EPI | 3.2E+00 | PHYSPROP | 4.9E+02 | PHYSPROP | 8.6E-02 | 1.4E+00 | 3.4E+00 | 1.6E-02 | EPI |
| Pentachloronitrobenzene | 82-68-8 | 3.0E+02 | PHYSPROP | 1.8E-03 | 4.4E-05 | EPI | 5.0E-05 | PHYSPROP | 1.4E+02 | PHYSPROP | 1.7E+00 | CRC89 | 2.6E-02 | 6.9E-06 | WATER9 (U.S. EPA, 2001) | | | 6.0E+03 | EPI | 4.6E+00 | PHYSPROP | 4.4E-01 | PHYSPROP | 2.8E-01 | 4.7E+00 | 1.1E+01 | 4.2E-02 | EPI |
| Pentachlorophenol | 87-86-5 | 2.7E+02 | PHYSPROP | 1.0E-06 | 2.5E-08 | PHYSPROP | 1.1E-04 | PHYSPROP | 1.7E+02 | PHYSPROP | 2.0E+00 | CRC89 | 3.0E-02 | 8.0E-06 | WATER9 (U.S. EPA, 2001) | | | 5.9E+02 | SSL | 5.1E+00 | PHYSPROP | 1.4E+01 | PHYSPROP | 8.0E-01 | 3.3E+00 | 1.3E+01 | 1.3E-01 | EPI |
| Pentaerythritol tetranitrate (PETN) | 78-11-5 | 3.2E+02 | PHYSPROP | 5.4E-08 | 1.3E-09 | PHYSPROP | 5.5E-09 | EPI | 1.4E+02 | PHYSPROP | 1.8E+00 | CRC89 | 2.6E-02 | 6.8E-06 | WATER9 (U.S. EPA, 2001) | | | 6.5E+02 | EPI | 2.4E+00 | PHYSPROP | 4.3E+01 | PHYSPROP | 6.9E-03 | 6.2E+00 | 1.5E+01 | 1.0E-03 | EPI |
| Pentane, n- | 109-66-0 | 7.2E+01 | PHYSPROP | 5.1E+01 | 1.3E+00 | PHYSPROP | 5.1E+02 | PHYSPROP | -1.3E+02 | PHYSPROP | 6.3E-01 | CRC89 | 8.2E-02 | 8.8E-06 | WATER9 (U.S. EPA, 2001) | | | 7.2E+01 | EPI | 3.4E+00 | PHYSPROP | 3.8E+01 | PHYSPROP | 3.6E-01 | 2.7E-01 | 6.4E-01 | 1.1E-01 | EPI |
| Perchlorates | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ~Ammonium Perchlorate | 7790-98-9 | 1.2E+02 | PHYSPROP | | | | | | | | 2.0E+00 | CRC89 | | | | | | | | | | 2.5E+05 | PHYSPROP | 4.2E-03 | 4.8E-01 | 1.1E+00 | 1.0E-03 | RAGSE |
| ~Lithium Perchlorate | 7791-03-9 | 1.1E+02 | CRC89 | | | | | | 2.4E+02 | CRC89 | 2.4E+00 | CRC89 | | | | | | | | | | 5.9E+05 | CRC89 | 4.0E-03 | 4.1E-01 | 1.0E+00 | 1.0E-03 | RAGSE |
| ~Perchlorate and Perchlorate Salts | 14797-73-0 | 1.2E+02 | CRC89 | | | | | | | | | | | | | | | | | | | 2.5E+05 | CRC89 | 4.2E-03 | 4.8E-01 | 1.1E+00 | 1.0E-03 | RAGSE |
| ~Potassium Perchlorate | 7778-74-7 | 1.4E+02 | PHYSPROP | | | | | | 5.3E+02 | PHYSPROP | 2.5E+00 | CRC89 | | | | | | | | | | 1.5E+04 | PHYSPROP | 9.1E-03 | 6.3E-01 | 1.5E+00 | 2.0E-03 | RAGSE |
| ~Sodium Perchlorate | 7601-89-0 | 1.2E+02 | PHYSPROP | | | | | | 4.8E+02 | EPI | 2.5E+00 | CRC89 | | | | | | | | | | 2.1E+06 | PHYSPROP | 4.3E-03 | 5.1E-01 | 1.2E+00 | 1.0E-03 | RAGSE |
| Perfluorobutane sulfonic acid (PFBS) | 375-73-5 | 3.0E+02 | PHYSPROP | | | | | | | | 1.8E+00 | LookChem | 2.7E-02 | 7.2E-06 | WATER9 (U.S. EPA, 2001) | | | 6.2E+01 | Guelfo and Higgins | | | 5.7E+04 | CHR Australia | | 5.0E+00 | 1.2E+01 | | |
| Perfluorobutanesulfonate | 45187-15-3 | 3.0E+02 | EPA SRS | | | | | | | | 1.8E+00 | LookChem | 2.7E-02 | 7.2E-06 | WATER9 (U.S. EPA, 2001) | | | 6.2E+01 | Guelfo and Higgins | | | 5.7E+04 | CHR Australia | | 5.0E+00 | 1.2E+01 | | |
| Permethrin | 52645-53-1 | 3.9E+02 | PHYSPROP | 7.7E-05 | 1.9E-06 | EPI | 2.2E-08 | PHYSPROP | 3.4E+01 | PHYSPROP | 1.2E+00 | CRC89 | 2.9E-02 | 4.8E-06 | WATER9 (U.S. EPA, 2001) | | | 1.2E+05 | EPI | 6.5E+00 | PHYSPROP | 5.5E-03 | PHYSPROP | 1.6E+00 | 1.6E+01 | 6.5E+01 | 2.1E-01 | EPI |
| Phenacetin | 62-44-2 | 1.8E+02 | PHYSPROP | 8.7E-09 | 2.1E-10 | EPI | 6.9E-07 | PHYSPROP | 1.4E+02 | PHYSPROP | | | 6.0E-02 | 7.0E-06 | WATER9 (U.S. EPA, 2001) | | | 4.1E+01 | EPI | 1.6E+00 | PHYSPROP | 7.7E+02 | PHYSPROP | 8.9E-03 | 1.1E+00 | 2.5E+00 | 1.7E-03 | EPI |
| Phenmedipham | 13684-63-4 | 3.0E+02 | PHYSPROP | 3.4E-11 | 8.4E-13 | EPI | 1.0E-11 | PHYSPROP | 1.4E+02 | PHYSPROP | | | 4.2E-02 | 5.0E-06 | WATER9 (U.S. EPA, 2001) | | | 2.6E+03 | EPI | 3.6E+00 | PHYSPROP | 4.7E+00 | PHYSPROP | 5.2E-02 | 5.1E+00 | 1.2E+01 | 7.9E-03 | EPI |
| Phenol | 108-95-2 | 9.4E+01 | PHYSPROP | 1.4E-05 | 3.3E-07 | PHYSPROP | 3.5E-01 | PHYSPROP | 4.1E+01 | PHYSPROP | 1.1E+00 | CRC89 | 8.3E-02 | 1.0E-05 | WATER9 (U.S. EPA, 2001) | | | 1.9E+02 | EPI | 1.5E+00 | PHYSPROP | 8.3E+04 | PHYSPROP | 1.6E-02 | 3.5E-01 | 8.5E-01 | 4.3E-03 | EPI |
| Phenol, 2-(1-methylethoxy)-, methylcarbamate | 114-26-1 | 2.1E+02 | PHYSPROP | 5.8E-08 | 1.4E-09 | EPI | 2.1E-05 | PHYSPROP | 9.0E+01 | PHYSPROP | 1.1E+00 | CRC89 | 2.6E-02 | 6.6E-06 | WATER9 (U.S. EPA, 2001) | | | 6.0E+01 | EPI | 1.5E+00 | PHYSPROP | 1.9E+03 | PHYSPROP | 6.0E-03 | 1.6E+00 | 3.7E+00 | 1.1E-03 | EPI |
| Phenothiazine | 92-84-2 | 2.0E+02 | PHYSPROP | 1.1E-06 | 2.8E-08 | PHYSPROP | 8.9E-07 | PHYSPROP | 1.9E+02 | PHYSPROP | 1.3E+00 | PubChem | 2.9E-02 | 7.5E-06 | WATER9 (U.S. EPA, 2001) | | | 1.5E+03 | EPI | 4.2E+00 | PHYSPROP | 1.6E+00 | PHYSPROP | 3.7E-01 | 1.4E+00 | 3.3E+00 | 6.8E-02 | EPI |
| Phenyl Isothiocyanate | 103-72-0 | 1.4E+02 | PHYSPROP | 1.2E-01 | 3.0E-03 | EPI | 1.5E+00 | PHYSPROP | -2.1E+01 | PHYSPROP | 1.1E+00 | CRC89 | 5.9E-02 | 8.6E-06 | WATER9 (U.S. EPA, 2001) | | | 2.2E+02 | EPI | 3.3E+00 | PHYSPROP | 9.0E+01 | PHYSPROP | 1.8E-01 | 6.0E-01 | 1.4E+00 | 4.1E-02 | EPI |
| Phenylenediamine, m- | 108-45-2 | 1.1E+02 | PHYSPROP | 5.1E-08 | 1.3E-09 | EPI | 2.1E-03 | EPI | 6.4E+01 | PHYSPROP | 1.0E+00 | CRC89 | 7.2E-02 | 9.2E-06 | WATER9 (U.S. EPA, 2001) | | | 3.4E+01 | EPI | -3.3E-01 | PHYSPROP | 9.4E+04 | PHYSPROP | 9.4E-04 | 4.2E+01 | 1.0E+01 | 2.3E-04 | EPI |
| Phenylenediamine, o- | 95-54-5 | 1.1E+02 | PHYSPROP | 2.9E-07 | 7.2E-09 | EPI | 2.1E-03 | EPI | 1.0E+02 | PHYSPROP | | | 8.4E-02 | 9.8E-06 | WATER9 (U.S. EPA, 2001) | | | 3.5E+01 | EPI | 1.5E-01 | PHYSPROP | 4.0E+04 | PHYSPROP | 1.9E-03 | 4.2E-01 | 1.0E+00 | 4.9E-04 | EPI |
| Phenylenediamine, p- | 106-50-3 | 1.1E+02 | PHYSPROP | 2.8E-08 | 6.7E-10 | PHYSPROP | 5.0E-03 | PHYSPROP | 1.5E+02 | PHYSPROP | | | 8.4E-02 | 9.8E-06 | WATER9 (U.S. EPA, 2001) | | | 3.4E+01 | EPI | -3.0E-01 | PHYSPROP | 3.7E+04 | PHYSPROP | 9.8E-04 | 4.2E-01 | 1.0E+00 | 2.5E-04 | EPI |
| Phenylphenol, 2- | 90-43-7 | 1.7E+02 | PHYSPROP | 4.3E-05 | 1.1E-06 | EPI | 2.0E-03 | EPI | 5.9E+01 | PHYSPROP | 1.2E+00 | CRC89 | 4.2E-02 | 7.8E-06 | WATER9 (U.S. EPA, 2001) | | | 6.7E+03 | EPI | 3.1E+00 | PHYSPROP | 7.0E+02 | PHYSPROP | 9.8E-02 | 9.4E-01 | 2.3E+00 | 2.0E-02 | EPI |
| Phorate | 298-02-2 | 2.6E+02 | PHYSPROP | 1.8E-04 | 4.4E-06 | EPI | 6.4E-04 | PHYSPROP | -1.5E+01 | CRC89 | 1.2E+00 | CRC89 | 2.3E-02 | 5.9E-06 | WATER9 (U.S. EPA, 2001) | | | 4.6E+02 | EPI | 3.6E+00 | PHYSPROP | 5.0E+01 | PHYSPROP | 7.8E-02 | 3.0E+00 | 7.2E+00 | 1.3E-02 | EPI |
| Phosgene | 75-44-5 | 9.9E+01 | PHYSPROP | 6.8E-01 | 1.7E-02 | PHYSPROP | 1.4E+03 | PHYSPROP | -1.2E+02 | PHYSPROP | 1.4E+00 | CRC89 | 8.9E-02 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | -7.1E-01 | PHYSPROP | 6.8E+03 | YAWS | 5.6E-04 | 3.8E-01 | 9.0E-01 | 1.5E-04 | EPI |
| Phosmet | 732-11-6 | 3.2E+02 | PHYSPROP | 3.4E-07 | 8.4E-09 | EPI | 4.9E-07 | PHYSPROP | 7.2E+01 | PHYSPROP | | | 4.1E-02 | 4.8E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+01 | EPI | 2.8E+00 | PHYSPROP | 2.4E+01 | PHYSPROP | 1.3E-02 | 6.3E+00 | 1.5E+01 | 1.8E-03 | EPI |
| Phosphates, Inorganic | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ~Aluminum metaphosphate | 13776-88-0 | 2.6E+02 | CRC89 | | | | | | | | 2.8E+00 | CRC89 | | | | | | | | | | | | 6.2E-03 | 3.2E+00 | 7.6E+00 | 1.0E-03 | RAGSE |
| ~Ammonium polyphosphate | 68333-79-9 | | | | | | | | | | | | | | | | | | | | | | | | | | 1.0E-03 | RAGSE |
| ~Calcium pyrophosphate | 7790-76-3 | 2.5E+02 | CRC89 | | | | | | 1.2E+03 | CRC89 | 3.1E+00 | CRC89 | | | | | | | | | | | | 6.1E-03 | 2.8E+00 | 6.7E+00 | 1.0E-03 | RAGSE |
| ~Diammonium phosphate | 7783-28-0 | 1.3E+02 | EPI | | | | | | | | | | | | | | | | | | | | | 4.4E-03 | 5.8E-01 | 1.4E+00 | 1.0E-03 | RAGSE |
| ~Dicalcium phosphate | 7757-93-9 | 1.4E+02 | EPI | | | | | | | | | | | | | | | | | | | | | 4.5E-03 | 6.1E-01 | 1.5E+00 | 1.0E-03 | RAGSE |
| ~Dimagnesium phosphate | 7782-75-4 | 1.7E+02 | CRC89 | | | | | | | | 2.1E+00 | CRC89 | | | | | | | | | | | | 5.1E-03 | 1.0E+00 | 2.4E+00 | 1.0E-03 | RAGSE |
| ~Dipotassium phosphate | 7758-11-4 | 1.7E+02 | EPI | | | | | | | | | | | | | | | | | | | | | 5.1E-03 | 9.9E-01 | 2.4E+00 | 1.0E-03 | RAGSE |
| ~Disodium phosphate | 7558-79-4 | 1.4E+02 | EPI | | | | | | | | | | | | | | | | | | | | | 4.6E-03 | 6.6E-01 | 1.6E+00 | 1.0E-03 | RAGSE |
| ~Monoaluminum phosphate | 13530-50-2 | 3.2E+02 | CRC89 | | | | | | | | | | | | | | | | | | | | | 6.9E-03 | 6.3E+00 | 1.5E+01 | 1.0E-03 | RAGSE |
| ~Monoammonium phosphate | 7722-76-1 | 1.2E+02 | EPI | | | | | | | | | | | | | | | | | | | | | 4.1E-03 | 4.6E-01 | 1.1E+00 | 1.0E-03 | RAGSE |
| ~Monocalcium phosphate | 7758-23-8 | 2.3E+02 | EPI | | | | | | | | | | | | | | | | | | | | | 5.9E-03 | 2.2E+00 | 5.2E+00 | 1.0E-03 | RAGSE |
| ~Monomagnesium phosphate | 7757-86-0 | 1.2E+02 | CRC89 | | | | | | | | | | | | | | | | | | | | | 4.2E-03 | 5.0E-01 | 1.2E+00 | 1.0E-03 | RAGSE |
| ~Monopotassium phosphate | 7778-77-0 | 1.4E+02 | EPI | | | | | | | | | | | | | | | | | | | | | 4.5E-03 | 6.1E-01 | 1.5E+00 | 1.0E-03 | RAGSE |
| ~Monosodium phosphate | 7558-80-7 | 1.2E+02 | PHYSPROP | | | | | | 6.0E+01 | PHYSPROP | | | | | | | | | | | | 4.9E+05 | PHYSPROP | 4.2E-03 | 4.9E-01 | 1.2E+00 | 1.0E-03 | RAGSE |
| ~Polyphosphoric acid | 8017-16-1 | 2.6E+02 | EPI | | | | | | | | | | | | | | | | | | | | | 6.2E-03 | 2.9E+00 | 7.0E+00 | 1.0E-03 | RAGSE |
| ~Potassium tripolyphosphate | 13845-36-8 | 4.5E+02 | PubChem | | | | | | | | | | | | | | | | | | | | | 8.1E-03 | 3.4E+01 | 8.2E+01 | 1.0E-03 | RAGSE |
| ~Sodium acid pyrophosphate | 7758-16-9 | 2.2E+02 | EPI | | | | | | | | | | | | | | | | | | | | | 5.7E-03 | 1.8E+00 | 4.4E+00 | 1.0E-03 | RAGSE |
| ~Sodium aluminum phosphate (acidic) | 7785-88-8 | 1.4E+02 | PubChem | | | | | | | | | | | | | | | | | | | | | 4.6E-03 | 6.8E-01 | 1.6E+00 | 1.0E-03 | RAGSE |
| ~Sodium aluminum phosphate (anhydrous) | 10279-59-1 | | | | | | | | | | | | | | | | | | | | | | | | | | 1.0E-03 | RAGSE |
| ~Sodium aluminum phosphate (tetrahydrate) | 10305-76-7 | 9.5E+02 | Spectrum Chemical | | | | | | | | | | | | | | | | | | | | | 1.2E-02 | 2.2E+04 | 5.3E+04 | 1.0E-03 | RAGSE |
| ~Sodium hexametaphosphate | 10124-56-8 | 6.1E+02 | CRC89 | | | | | | | | | | | | | | | | | | | | | 9.5E-03 | 2.8E+02 | 6.7E+02 | 1.0E-03 | RAGSE |
| ~Sodium polyphosphate | 68915-31-1 | 3.6E+02 | EPI | | | | | | | | | | | | | | | | | | | | | 7.3E-03 | 1.1E+01 | 2.6E+01 | 1.0E-03 | RAGSE |
| ~Sodium trimetaphosphate | 7785-84-4 | 3.1E+02 | EPI | | | | | | | | | | | | | | | | | | | | | 6.7E-03 | 5.4E+00 | 1.3E+01 | 1.0E-03 | RAGSE |
| ~Sodium tripolyphosphate | 7758-29-4 | 3.7E+02 | EPI | | | | | | | | | | | | | | | | | | | | | 7.4E-03 | 1.2E+01 | 2.9E+01 | 1.0E-03 | RAGSE |
| ~Tetrapotassium phosphate | 7320-34-5 | 3.3E+02 | PHYSPROP | | | | | | | | | | | | | | | | | | | | | 7.0E-03 | 7.4E+00 | 1.8E+01 | 1.0E-03 | RAGSE |
| ~Tetrasodium pyrophosphate | 7722-88-5 | 2.7E+02 | PHYSPROP | | | | | | 8.0E+01 | PHYSPROP | | | | | | | | | | | | 8.1E+04 | PHYSPROP | 6.3E-03 | 3.2E+00 | 7.8E+00 | 1.0E-03 | RAGSE |
| ~Trialuminum sodium tetra decahydroqenoctaorthophosphate (dihydrate) | 15136-87-5 | 8.9E+02 | PubChem | | | | | | | | | | | | | | | | | | | | | 1.1E-02 | 9.9E+03 | 2.4E+04 | 1.0E-03 | RAGSE |
| ~Tricalcium phosphate | 7758-87-4 | 3.1E+02 | CRC89 | | | | | | 1.7E+03 | CRC89 | 3.1E+00 | CRC89 | | | | | | | | | | | | 6.8E-03 | 5.7E+00 | 1.4E+01 | 1.0E-03 | RAGSE |
| ~Trimagnesium phosphate | 7757-87-1 | 2.6E+02 | CRC89 | | | | | | 1.2E+03 | CRC89 | | | | | | | | | | | | | | 6.2E-03 | 3.1E+00 | 7.5E+00 | 1.0E-03 | RAGSE |
| ~Tripotassium phosphate | 7778-53-2 | 2.1E+02 | EPI | | | | | | | | | | | | | | | | | | | | | 5.6E-03 | 1.6E+00 | 3.9E+00 | 1.0E-03 | RAGSE |
| ~Trisodium phosphate | 7601-54-9 | 1.6E+02 | PHYSPROP | | | | | | 7.5E+01 | PHYSPROP | | | | | | | | | | | | | | 4.9E-03 | 8.7E-01 | 2.1E+00 | 1.0E-03 | RAGSE |
| Phosphine | 7803-51-2 | 3.4E+01 | PHYSPROP | 1.0E+00 | 2.4E-02 | PHYSPROP | 2.9E+04 | PHYSPROP | -1.3E+02 | PHYSPROP | 1.4E+00 | CRC89 | 1.9E-01 | 2.2E-05 | WATER9 (U.S. EPA, 2001) | | | | | -2.7E-01 | PHYSPROP | 2.6E+05 | PERRY | 2.2E-03 | 1.6E-01 | 3.9E-01 | 1.0E-03 | RAGSE |
| Phosphoric Acid | 7664-38-2 | 9.8E+01 | PHYSPROP | | | | 3.0E-02 | NIOSH | 4.2E+01 | PHYSPROP | 1.8E+00 | PERRY | | | | | | | | | | 5.5E+06 | CRC89 | 3.8E-03 | 3.7E-01 | 8.9E-01 | 1.0E-03 | RAGSE |
| Phosphorus, White | 7723-14-0 | 3.1E+01 | YAWS | 8.6E-02 | 2.1E-03 | ATSDR Profile | 2.5E-02 | ATSDR Profile | 4.4E+01 | ATSDR Profile | 1.8E+00 | ATSDR Profile | 2.2E-01 | 2.8E-05 | WATER9 (U.S. EPA, 2001) | 3.5E+00 | BAES | 1.1E+03 | ATSDR Profile | 3.1E+00 | ATSDR Profile | 3.0E+00 | ATSDR Profile | 2.1E-03 | 1.6E-01 | 3.8E-01 | 1.0E-03 | RAGSE |
| Phthalates | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ~Bis(2-ethylhexyl)phthalate | 117-81-7 | 3.9E+02 | PHYSPROP | 1.1E-05 | 2.7E-07 | EPI | 1.4E-07 | PHYSPROP | -5.5E+01 | PHYSPROP | 9.8E-01 | CRC89 | 1.7E-02 | 4.2E-06 | WATER9 (U.S. EPA, 2001) | | | 1.2E+05 | EPI | 7.6E+00 | PHYSPROP | 2.7E-01 | PHYSPROP | 8.6E+00 | 1.6E+01 | 7.3E+01 | 1.1E+00 | EPI |
| ~Butyl Benzyl Phthalate | 85-68-7 | 3.1E+02 | PHYSPROP | 5.2E-05 | 1.3E-06 | EPI | 8.3E-06 | PHYSPROP | -3.5E+01 | PubChem | 1.1E+00 | CRC89 | 2.1E-02 | 5.2E-06 | WATER9 (U.S. EPA, 2001) | | | 7.2E+03 | EPI | 4.7E+00 | PHYSPROP | 2.7E+00 | PHYSPROP | 2.6E-01 | 5.9E+00 | 1.4E+01 | 3.9E-02 | EPI |
| ~Butylphthalyl Butylglycolate | 85-70-1 | 3.4E+02 | PHYSPROP | 8.4E-07 | 2.1E-08 | PHYSPROP | 7.1E-06 | PHYSPROP | -3.5E+01 | PHYSPROP | 1.1E+00 | LANGE | 2.0E-02 | 4.9E-06 | WATER9 (U.S. EPA, 2001) | | | 1.1E+04 | EPI | 4.2E+00 | PHYSPROP | 8.8E+00 | PHYSPROP | 8.2E-02 | 8.0E+00 | 1.9E+01 | 1.2E-02 | EPI |
| ~Dibutyl Phthalate | 84-74-2 | 2.8E+02 | PHYSPROP | 7.4E-05 | 1.8E-06 | PHYSPROP | 2.0E-05 | PHYSPROP | -3.5E+01 | PHYSPROP | 1.0E+00 | CRC89 | 2.1E-02 | 5.3E-06 | WATER9 (U.S. EPA, 2001) | | | 1.2E+03 | EPI | 4.5E+00 | PHYSPROP | 1.1E+01 | PHYSPROP | 2.7E-01 | 3.8E+00 | 9.1E+00 | 4.2E-02 | EPI |
| ~Diethyl Phthalate | 84-66-2 | 2.2E+02 | PHYSPROP | 2.5E-05 | 6.1E-07 | EPI | 2.1E-03 | PHYSPROP | -4.1E+01 | PHYSPROP | 1.2E+00 | CRC89 | 2.6E-02 | 6.7E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+02 | EPI | 2.4E+00 | PHYSPROP | 1.1E+03 | PHYSPROP | 2.1E-02 | 1.8E+00 | 4.4E+00 | 3.6E-03 | EPI |
| ~Dimethylterephthalate | 120-61-6 | 1.9E+02 | PHYSPROP | 5.5E-03 | 1.3E-04 | EPI | 1.0E-02 | PHYSPROP | 1.4E+02 | PHYSPROP | 1.1E+00 | CRC89 | 2.9E-02 | 6.7E-06 | WATER9 (U.S. EPA, 2001) | | | 3.1E+01 | EPI | 2.3E+00 | PHYSPROP | 1.9E+01 | PHYSPROP | 2.1E-02 | 1.3E+00 | 3.1E+00 | 4.0E-03 | EPI |
| ~Octyl Phthalate, di-N- | 117-84-0 | 3.9E+02 | PHYSPROP | 1.1E-04 | 2.6E-06 | EPI | 1.0E-07 | PHYSPROP | 2.5E+01 | PHYSPROP | | | 3.6E-02 | 4.2E-06 | WATER9 (U.S. EPA, 2001) | | | 1.4E+05 | EPI | 8.1E+00 | PHYSPROP | 2.2E-02 | PHYSPROP | 1.8E+01 | 1.6E+01 | 7.5E+01 | 2.4E+00 | EPI |
| ~Phthalic Acid, P- | 100-21-0 | 1.7E+02 | PHYSPROP | 1.6E-11 | 3.9E-13 | PHYSPROP | 9.2E-06 | EPI | 4.0E+02 | LANGE | 1.5E+00 | PERRY | 4.9E-02 | 5.6E-06 | WATER9 (U.S. EPA, 2001) | | | 7.9E+01 | EPI | 2.0E+00 | PHYSPROP | 1.9E-02 | 9.0E-01 | 2.1E+00 | 3.9E-03 | EPI |
| ~Phthalic Anhydride | 85-44-9 | 1.5E+02 | PHYSPROP | 6.7E-07 | 1.6E-08 | EPI | 5.2E-04 | EPI | 1.3E+02 | PHYSPROP | 1.5E+00 | CRC89 | 5.9E-02 | 9.8E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+01 | EPI | 1.6E+00 | PHYSPROP | 6.2E+03 | PHYSPROP | 1.2E-02 | 7.1E-01 | 1.7E+00 | 2.7E-03 | EPI |
| Picloram | 1918-02-1 | 2.4E+02 | PHYSPROP | 2.2E-12 | 5.3E-14 | EPI | 7.2E-11 | PHYSPROP | 2.2E+02 | PHYSPROP | | | 4.9E-02 | 5.7E-06 | WATER9 (U.S. EPA, 2001) | | | 3.9E+01 | EPI | 1.9E+00 | PHYSPROP | 4.3E+02 | PHYSPROP | 7.6E-03 | 2.4E+00 | 5.7E+00 | 1.3E-03 | EPI |
| Picramic Acid (2-Amino-4,6-dinitrophenol) | 96-91-3 | 2.0E+02 | PHYSPROP | 4.0E-10 | 9.8E-12 | PHYSPROP | 4.2E-07 | PHYSPROP | 1.7E+02 | PHYSPROP | | | 5.6E-02 | 6.5E-06 | WATER9 (U.S. EPA, 2001) | | | 2.3E+02 | EPI | 9.3E-01 | PHYSPROP | 1.4E+03 | PHYSPROP | 2.7E-03 | 1.4E+00 | 3.3E+00 | 5.0E-04 | EPI |
| Picric Acid (2,4,6-Trinitrophenol) | 88-89-1 | 2.3E+02 | PHYSPROP | 7.0E-10 | 1.7E-11 | EPI | 7.5E-07 | PHYSPROP | 1.2E+02 | PHYSPROP | 1.8E+00 | PERRY | 3.0E-02 | 8.2E-06 | WATER9 (U.S. EPA, 2001) | | | 2.3E+03 | EPI | 1.4E+00 |

| Contaminant | | Molecular Weight | | Volatility Parameters | | | | | Melting Point | | Density | | Diffusivity in Air and Water | | | Partition Coefficients | | | | | | | Water Solubility | | Tapwater Dermal Parameters | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | CAS No. | MW | MW Ref | H' (unitless) | HLC (atm-$m^3$/mole) | H' and HLC Ref | VP mmHg | VP Ref | MP C | MP Ref | Density ($g/cm^3$) | Density Ref | Dia ($cm^2$/s) | Diw ($cm^2$/s) | $D_{ia}$ and $D_{iw}$ Ref | $K_d$ (L/kg) | $K_d$ Ref | $K_{oc}$ (L/kg) | $K_{oc}$ Ref | log $K_{ow}$ (unitless) | log $K_{ow}$ Ref | S (mg/L) | S Ref | B (unitless) | $\tau_{event}$ (hr/event) | t* (hr) | $K_p$ (cm/hr) | $K_p$ Ref |
| ~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169) | 32774-16-6 | 3.6E+02 | PHYSPROP | 2.8E-03 | 6.9E-05 | PHYSPROP | 5.8E-07 | PHYSPROP | 1.5E+02 | EPI | 1.6E+00 | LookChem | 4.4E-02 | 5.9E-06 | WATER9 (U.S. EPA, 2001) | | | 2.1E+05 | EPI | 7.4E+00 | PHYSPROP | 5.1E-04 | PHYSPROP | 9.1E+00 | 1.1E+01 | 5.0E+01 | 1.2E+00 | EPI |
| ~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123) | 65510-44-3 | 3.3E+02 | EPI | 7.8E-03 | 1.9E-04 | EPI | 5.5E-06 | EPI | 9.8E+01 | EPI | 1.5E+00 | LookChem | 4.7E-02 | 6.1E-06 | WATER9 (U.S. EPA, 2001) | | | 1.3E+05 | EPI | 7.0E+00 | EPI | 1.6E-02 | EPI | 6.9E+00 | 7.1E+00 | 3.2E+01 | 1.0E+00 | EPI |
| ~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118) | 31508-00-6 | 3.3E+02 | PHYSPROP | 1.2E-02 | 2.9E-04 | EPI | 9.0E-06 | PHYSPROP | 1.3E+02 | EPI | 1.5E+00 | LookChem | 4.7E-02 | 6.1E-06 | WATER9 (U.S. EPA, 2001) | | | 1.3E+05 | EPI | 7.1E+00 | PHYSPROP | 1.0E-02 | PHYSPROP | 8.6E+00 | 7.1E+00 | 3.2E+01 | 1.0E+00 | EPI |
| ~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105) | 32598-14-4 | 3.3E+02 | PHYSPROP | 1.2E-02 | 2.8E-04 | EPI | 6.5E-06 | PHYSPROP | 1.3E+02 | EPI | 1.5E+00 | LookChem | 4.7E-02 | 6.1E-06 | WATER9 (U.S. EPA, 2001) | | | 1.3E+05 | EPI | 6.8E+00 | PHYSPROP | 3.4E-03 | PHYSPROP | 5.2E+00 | 7.1E+00 | 3.1E+01 | 7.5E-01 | EPI |
| ~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114) | 74472-37-0 | 3.3E+02 | PHYSPROP | 3.8E-03 | 9.2E-05 | PHYSPROP | 5.5E-06 | PHYSPROP | 9.8E+01 | PHYSPROP | 1.5E+00 | LookChem | 4.7E-02 | 6.1E-06 | WATER9 (U.S. EPA, 2001) | | | 1.3E+05 | EPI | 7.0E+00 | PHYSPROP | 1.6E-02 | PHYSPROP | 6.9E+00 | 7.1E+00 | 3.2E+01 | 1.0E+00 | EPI |
| ~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126) | 57465-28-8 | 3.3E+02 | EPI | 7.8E-03 | 1.9E-04 | EPI | 2.2E-06 | EPI | 1.3E+02 | EPI | 1.5E+00 | LookChem | 4.7E-02 | 6.1E-06 | WATER9 (U.S. EPA, 2001) | | | 1.3E+05 | EPI | 7.0E+00 | EPI | 7.3E-03 | EPI | 6.9E+00 | 7.1E+00 | 3.2E+01 | 1.0E+00 | EPI |
| ~Polychlorinated Biphenyls (high risk) | 1336-36-3 | 2.9E+02 | PHYSPROP | 1.7E-02 | 4.2E-04 | PHYSPROP | 4.9E-04 | PHYSPROP | 1.2E+02 | EPI | 1.4E+00 | HSDB | 2.4E-02 | 6.3E-06 | WATER9 (U.S. EPA, 2001) | | | 7.8E+04 | EPI | 7.1E+00 | PHYSPROP | 7.0E-01 | PHYSPROP | 3.6E+00 | 4.5E+00 | 1.9E+01 | 5.5E-01 | EPI |
| ~Polychlorinated Biphenyls (low risk) | 1336-36-3 | 2.9E+02 | PHYSPROP | 1.7E-02 | 4.2E-04 | PHYSPROP | 4.9E-04 | PHYSPROP | 1.2E+02 | EPI | 1.4E+00 | HSDB | 2.4E-02 | 6.3E-06 | WATER9 (U.S. EPA, 2001) | | | 7.8E+04 | EPI | 7.1E+00 | PHYSPROP | 7.0E-01 | PHYSPROP | 3.6E+00 | 4.5E+00 | 1.9E+01 | 5.5E-01 | EPI |
| ~Polychlorinated Biphenyls (lowest risk) | 1336-36-3 | 2.9E+02 | PHYSPROP | 1.7E-02 | 4.2E-04 | PHYSPROP | 4.9E-04 | PHYSPROP | 1.2E+02 | EPI | 1.4E+00 | HSDB | 2.4E-02 | 6.3E-06 | WATER9 (U.S. EPA, 2001) | | | 7.8E+04 | EPI | 7.1E+00 | PHYSPROP | 7.0E-01 | PHYSPROP | 3.6E+00 | 4.5E+00 | 1.9E+01 | 5.5E-01 | EPI |
| ~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77) | 32598-13-3 | 2.9E+02 | PHYSPROP | 3.8E-04 | 9.4E-06 | PHYSPROP | 1.6E-05 | PHYSPROP | 1.8E+02 | CRC89 | | | 4.9E-02 | 5.0E-06 | WATER9 (U.S. EPA, 2001) | | | 7.8E+04 | EPI | 6.6E+00 | PHYSPROP | 5.7E-04 | PHYSPROP | 6.0E+00 | 4.5E+00 | 2.0E+01 | 9.2E-01 | EPI |
| ~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81) | 70362-50-4 | 2.9E+02 | EPI | 9.1E-03 | 2.2E-04 | EPI | 8.5E-06 | EPI | 1.2E+02 | EPI | 1.4E+00 | LookChem | 4.9E-02 | 6.3E-06 | WATER9 (U.S. EPA, 2001) | | | 7.8E+04 | EPI | 6.3E+00 | EPI | 3.2E-02 | EPI | 3.8E+00 | 4.5E+00 | 2.0E+01 | 5.8E-01 | EPI |
| Polymeric Methylene Diphenyl Diisocyanate (PMDI) | 9016-87-9 | 5.1E+02 | EPI | 5.4E-10 | 1.3E-11 | EPI | 5.4E-13 | EPI | 2.5E+02 | EPI | | | 3.0E-02 | 3.5E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+10 | EPI | 1.0E+01 | EPI | 1.8E-06 | EPI | 1.6E+02 | 7.8E+01 | 3.7E+02 | 1.9E+01 | EPI |
| Polynuclear Aromatic Hydrocarbons (PAHs) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ~Acenaphthene | 83-32-9 | 1.5E+02 | PHYSPROP | 7.5E-03 | 1.8E-04 | PHYSPROP | 2.2E-03 | PHYSPROP | 9.3E+01 | PHYSPROP | 1.2E+00 | CRC89 | 5.1E-02 | 8.3E-06 | WATER9 (U.S. EPA, 2001) | | | 5.0E+03 | EPI | 3.9E+00 | PHYSPROP | 3.9E+00 | PHYSPROP | 4.1E-01 | 7.7E-01 | 1.8E+00 | 8.6E-02 | EPI |
| ~Anthracene | 120-12-7 | 1.8E+02 | PHYSPROP | 2.3E-03 | 5.6E-05 | PHYSPROP | 6.5E-06 | EPI | 2.2E+02 | PHYSPROP | 1.3E+00 | CRC89 | 3.9E-02 | 7.9E-06 | WATER9 (U.S. EPA, 2001) | | | 1.6E+04 | EPI | 4.5E+00 | PHYSPROP | 4.3E-02 | PHYSPROP | 7.3E-01 | 1.0E+00 | 4.1E+00 | 1.4E-01 | EPI |
| ~Benz[a]anthracene | 56-55-3 | 2.3E+02 | PHYSPROP | 4.9E-04 | 1.2E-05 | PHYSPROP | 2.1E-07 | PHYSPROP | 8.4E+01 | PHYSPROP | 1.3E+00 | PubChem | 2.6E-02 | 6.7E-06 | WATER9 (U.S. EPA, 2001) | | | 1.8E+05 | EPI | 5.8E+00 | PHYSPROP | 9.4E-03 | PHYSPROP | 3.2E+00 | 2.0E+00 | 8.5E+00 | 5.5E-01 | EPI |
| ~Benzo(j)fluoranthene | 205-82-3 | 2.5E+02 | PHYSPROP | 8.3E-06 | 2.0E-07 | PHYSPROP | 2.6E-08 | PHYSPROP | 1.7E+02 | PHYSPROP | | | 4.8E-02 | 5.6E-06 | WATER9 (U.S. EPA, 2001) | | | 6.0E+05 | EPI | 6.1E+00 | PHYSPROP | 2.5E-03 | PHYSPROP | 4.2E+00 | 2.7E+00 | 1.2E+01 | 6.9E-01 | EPI |
| ~Benzo[a]pyrene | 50-32-8 | 2.5E+02 | PHYSPROP | 1.9E-05 | 4.6E-07 | PHYSPROP | 5.5E-09 | EPI | 1.8E+02 | PHYSPROP | | | 4.8E-02 | 5.6E-06 | WATER9 (U.S. EPA, 2001) | | | 5.9E+05 | EPI | 6.1E+00 | PHYSPROP | 1.6E-03 | PHYSPROP | 4.4E+00 | 2.7E+00 | 1.2E+01 | 7.1E-01 | EPI |
| ~Benzo[b]fluoranthene | 205-99-2 | 2.5E+02 | PHYSPROP | 2.7E-05 | 6.6E-07 | PHYSPROP | 5.0E-07 | PHYSPROP | 1.7E+02 | PHYSPROP | | | 4.8E-02 | 5.6E-06 | WATER9 (U.S. EPA, 2001) | | | 6.0E+05 | EPI | 5.8E+00 | PHYSPROP | 1.5E-03 | PHYSPROP | 2.5E+00 | 2.7E+00 | 1.1E+01 | 4.2E-01 | EPI |
| ~Benzo[k]fluoranthene | 207-08-9 | 2.5E+02 | PHYSPROP | 2.4E-05 | 5.8E-07 | PHYSPROP | 9.7E-10 | EPI | 2.2E+02 | PHYSPROP | | | 4.8E-02 | 5.6E-06 | WATER9 (U.S. EPA, 2001) | | | 5.9E+05 | EPI | 6.1E+00 | PHYSPROP | 8.0E-04 | PHYSPROP | 4.2E+00 | 2.7E+00 | 1.2E+01 | 6.9E-01 | EPI |
| ~Chloronaphthalene, Beta- | 91-58-7 | 1.6E+02 | PHYSPROP | 1.3E-02 | 3.2E-04 | PHYSPROP | 1.2E-02 | EPI | 6.1E+01 | PHYSPROP | 1.1E+00 | CRC89 | 4.5E-02 | 7.7E-06 | WATER9 (U.S. EPA, 2001) | | | 2.5E+03 | EPI | 3.9E+00 | PHYSPROP | 1.2E+01 | PHYSPROP | 3.7E-01 | 8.6E-01 | 2.1E+00 | 7.5E-02 | EPI |
| ~Chrysene | 218-01-9 | 2.3E+02 | PHYSPROP | 2.1E-04 | 5.2E-06 | PHYSPROP | 6.2E-09 | PHYSPROP | 2.6E+02 | PHYSPROP | 1.3E+00 | CRC89 | 2.6E-02 | 6.7E-06 | WATER9 (U.S. EPA, 2001) | | | 1.8E+05 | EPI | 5.8E+00 | PHYSPROP | 2.0E-03 | PHYSPROP | 3.5E+00 | 2.0E+00 | 8.5E+00 | 6.0E-01 | EPI |
| ~Dibenz[a,h]anthracene | 53-70-3 | 2.8E+02 | PHYSPROP | 5.8E-06 | 1.4E-07 | EPI | 9.6E-10 | EPI | 2.7E+02 | PHYSPROP | | | 4.5E-02 | 5.2E-06 | WATER9 (U.S. EPA, 2001) | | | 1.9E+06 | EPI | 6.8E+00 | PHYSPROP | 2.5E-03 | PHYSPROP | 6.1E+00 | 3.8E+00 | 1.7E+01 | 9.5E-01 | EPI |
| ~Dibenzo(a,e)pyrene | 192-65-4 | 3.0E+02 | PHYSPROP | 5.8E-07 | 1.4E-08 | PHYSPROP | 7.0E-11 | PHYSPROP | 2.3E+02 | PHYSPROP | | | 4.2E-02 | 4.9E-06 | WATER9 (U.S. EPA, 2001) | | | 6.5E+06 | EPI | 7.7E+00 | EPI | 8.0E-05 | PHYSPROP | 2.8E+01 | 5.2E+00 | 2.4E+01 | 4.2E+00 | EPI |
| ~Dimethylbenz(a)anthracene, 7,12- | 57-97-6 | 2.6E+02 | PHYSPROP | 1.5E-04 | 3.8E-06 | EPI | 6.8E-07 | PHYSPROP | 1.2E+02 | PHYSPROP | | | 4.7E-02 | 5.5E-06 | WATER9 (U.S. EPA, 2001) | | | 4.9E+05 | EPI | 5.8E+00 | PHYSPROP | 6.1E-02 | PHYSPROP | 2.5E+00 | 2.9E+00 | 1.2E+01 | 4.1E-01 | EPI |
| ~Fluoranthene | 206-44-0 | 2.0E+02 | PHYSPROP | 3.6E-04 | 8.9E-06 | PHYSPROP | 9.2E-06 | PHYSPROP | 1.1E+02 | PHYSPROP | 1.3E+00 | CRC89 | 2.8E-02 | 7.2E-06 | WATER9 (U.S. EPA, 2001) | | | 5.5E+04 | EPI | 5.2E+00 | PHYSPROP | 2.6E-01 | PHYSPROP | 1.7E+00 | 1.4E+00 | 5.7E+00 | 3.1E-01 | EPI |
| ~Fluorene | 86-73-7 | 1.7E+02 | PHYSPROP | 3.9E-03 | 9.6E-05 | PHYSPROP | 6.0E-04 | PHYSPROP | 1.1E+02 | PHYSPROP | 1.2E+00 | CRC89 | 3.9E-02 | 7.9E-06 | WATER9 (U.S. EPA, 2001) | | | 9.2E+03 | EPI | 4.2E+00 | PHYSPROP | 1.7E+00 | PHYSPROP | 5.5E-01 | 9.0E-01 | 2.2E+00 | 1.1E-01 | EPI |
| ~Indeno[1,2,3-cd]pyrene | 193-39-5 | 2.8E+02 | PHYSPROP | 1.4E-05 | 3.5E-07 | PHYSPROP | 1.3E-10 | PHYSPROP | 1.6E+02 | PHYSPROP | | | 4.5E-02 | 5.2E-06 | WATER9 (U.S. EPA, 2001) | | | 2.0E+06 | EPI | 6.7E+00 | PHYSPROP | 1.9E-04 | PHYSPROP | 7.9E+00 | 3.7E+00 | 1.7E+01 | 1.2E+00 | EPI |
| ~Methylnaphthalene, 1- | 90-12-0 | 1.4E+02 | PHYSPROP | 2.1E-02 | 5.1E-04 | PHYSPROP | 6.7E-02 | PHYSPROP | -3.0E+01 | PHYSPROP | 1.0E+00 | CRC89 | 5.3E-02 | 7.8E-06 | WATER9 (U.S. EPA, 2001) | | | 2.5E+03 | EPI | 3.9E+00 | PHYSPROP | 2.6E+01 | PHYSPROP | 4.3E-01 | 6.6E-01 | 1.6E+00 | 9.3E-02 | EPI |
| ~Methylnaphthalene, 2- | 91-57-6 | 1.4E+02 | PHYSPROP | 2.1E-02 | 5.2E-04 | PHYSPROP | 5.5E-02 | PHYSPROP | 3.4E+01 | PHYSPROP | 1.0E+00 | CRC89 | 5.2E-02 | 7.8E-06 | WATER9 (U.S. EPA, 2001) | | | 2.5E+03 | EPI | 3.9E+00 | PHYSPROP | 2.5E+01 | PHYSPROP | 4.2E-01 | 6.6E-01 | 1.6E+00 | 9.2E-02 | EPI |
| ~Naphthalene | 91-20-3 | 1.3E+02 | PHYSPROP | 1.8E-02 | 4.4E-04 | PHYSPROP | 8.5E-02 | PHYSPROP | 8.0E+01 | PHYSPROP | 1.0E+00 | CRC89 | 6.0E-02 | 8.4E-06 | WATER9 (U.S. EPA, 2001) | | | 1.5E+03 | EPI | 3.3E+00 | PHYSPROP | 3.1E+01 | PHYSPROP | 2.0E-01 | 5.5E-01 | 1.3E+00 | 4.7E-02 | EPI |
| ~Nitropyrene, 4- | 57835-92-4 | 2.5E+02 | PHYSPROP | 1.0E-06 | 2.5E-08 | PHYSPROP | 5.5E-08 | PHYSPROP | 1.9E+02 | PHYSPROP | | | 4.8E-02 | 5.6E-06 | WATER9 (U.S. EPA, 2001) | | | 8.6E+04 | EPI | 4.8E+00 | PHYSPROP | 6.8E-02 | PHYSPROP | 5.6E-01 | 2.6E+00 | 6.3E+00 | 9.2E-02 | EPI |
| ~Pyrene | 129-00-0 | 2.0E+02 | PHYSPROP | 4.9E-04 | 1.2E-05 | PHYSPROP | 4.5E-06 | PHYSPROP | 1.5E+02 | PHYSPROP | 1.3E+00 | CRC89 | 2.8E-02 | 7.2E-06 | WATER9 (U.S. EPA, 2001) | | | 5.4E+04 | EPI | 4.9E+00 | PHYSPROP | 1.4E-01 | PHYSPROP | 1.1E+00 | 1.4E+00 | 5.5E+00 | 2.0E-01 | EPI |
| Potassium Perfluorobutane Sulfonate | 29420-49-3 | 3.4E+02 | EPI | 3.6E-11 | 8.8E-13 | CHR Australia | 9.2E-08 | CHR Australia | 2.7E+02 | CHR Australia | | | 3.9E-02 | 4.6E-06 | WATER9 (U.S. EPA, 2001) | | | | | | | 4.6E+04 | CHR Australia | | 8.2E+00 | 2.0E+01 | | |
| Prochloraz | 67747-09-5 | 3.8E+02 | PHYSPROP | 6.7E-07 | 1.6E-08 | EPI | 1.1E-06 | PHYSPROP | 4.8E+01 | PHYSPROP | | | 3.6E-02 | 4.3E-06 | WATER9 (U.S. EPA, 2001) | | | 2.4E+03 | EPI | 4.1E+00 | PHYSPROP | 3.4E+01 | PHYSPROP | 4.8E-02 | 1.4E+01 | 3.2E+01 | 6.4E-03 | EPI |
| Profluralin | 26399-36-0 | 3.5E+02 | PHYSPROP | 1.2E-02 | 2.9E-04 | EPI | 6.3E-05 | PHYSPROP | 3.2E+01 | PHYSPROP | 1.4E+00 | HSDB | 2.2E-02 | 5.5E-06 | WATER9 (U.S. EPA, 2001) | | | 3.1E+04 | EPI | 5.6E+00 | PHYSPROP | 1.6E-01 | PHYSPROP | 6.5E-01 | 9.3E+00 | 3.7E+01 | 9.0E-02 | EPI |
| Prometon | 1610-18-0 | 2.3E+02 | PHYSPROP | 3.7E-08 | 9.1E-10 | EPI | 2.3E-06 | PHYSPROP | 9.1E+01 | PHYSPROP | | | 5.1E-02 | 6.0E-06 | WATER9 (U.S. EPA, 2001) | | | 1.4E+02 | EPI | 3.0E+00 | PHYSPROP | 7.5E+02 | PHYSPROP | 4.8E-02 | 1.9E+00 | 4.6E+00 | 8.3E-03 | EPI |
| Prometryn | 7287-19-6 | 2.4E+02 | PHYSPROP | 4.9E-07 | 1.2E-08 | EPI | 1.2E-06 | PHYSPROP | 1.2E+02 | PHYSPROP | 1.2E+00 | CRC89 | 2.4E-02 | 6.2E-06 | WATER9 (U.S. EPA, 2001) | | | 6.6E+02 | EPI | 3.5E+00 | PHYSPROP | 3.3E+01 | PHYSPROP | 8.9E-02 | 2.4E+00 | 5.7E+00 | 1.5E-02 | EPI |
| Propachlor | 1918-16-7 | 2.1E+02 | PHYSPROP | 1.5E-05 | 3.6E-07 | EPI | 2.3E-04 | PHYSPROP | 7.7E+01 | PHYSPROP | 1.2E+00 | CRC89 | 2.7E-02 | 7.0E-06 | WATER9 (U.S. EPA, 2001) | | | 2.0E+02 | EPI | 2.2E+00 | PHYSPROP | 5.8E+02 | PHYSPROP | 1.6E-02 | 1.6E+00 | 3.9E+00 | 2.9E-03 | EPI |
| Propanil | 709-98-8 | 2.2E+02 | PHYSPROP | 7.0E-08 | 1.7E-09 | EPI | 9.1E-07 | PHYSPROP | 9.2E+01 | PHYSPROP | 1.3E+00 | CRC89 | 2.7E-02 | 6.9E-06 | WATER9 (U.S. EPA, 2001) | | | 1.8E+02 | EPI | 3.1E+00 | PHYSPROP | 1.5E+02 | PHYSPROP | 5.9E-02 | 1.8E+00 | 4.2E+00 | 1.0E-02 | EPI |
| Propargite | 2312-35-8 | 3.5E+02 | PHYSPROP | 2.6E-05 | 6.4E-07 | EPI | 3.0E-07 | PHYSPROP | 1.7E+02 | EPI | 1.1E+00 | CRC89 | 1.9E-02 | 4.8E-06 | WATER9 (U.S. EPA, 2001) | | | 3.7E+04 | EPI | 5.0E+00 | PHYSPROP | 2.2E-01 | PHYSPROP | 2.6E-01 | 9.7E+00 | 2.3E+01 | 3.6E-02 | EPI |
| Propargyl Alcohol | 107-19-7 | 5.6E+01 | PHYSPROP | 4.7E-05 | 1.2E-06 | EPI | 1.6E+01 | PHYSPROP | -5.0E+01 | PHYSPROP | 9.5E-01 | CRC89 | 1.2E-01 | 1.3E-05 | WATER9 (U.S. EPA, 2001) | | | 1.9E+00 | EPI | -3.8E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 1.2E-03 | 2.2E-01 | 5.2E-01 | 4.2E-04 | EPI |
| Propazine | 139-40-2 | 2.3E+02 | PHYSPROP | 1.9E-07 | 4.6E-09 | EPI | 1.3E-07 | PHYSPROP | 2.1E+02 | PHYSPROP | 1.2E+00 | CRC89 | 2.5E-02 | 6.4E-06 | WATER9 (U.S. EPA, 2001) | | | 3.4E+02 | EPI | 2.9E+00 | PHYSPROP | 8.6E+00 | PHYSPROP | 4.2E-02 | 2.0E+00 | 4.9E+00 | 7.1E-03 | EPI |
| Propham | 122-42-9 | 1.8E+02 | PHYSPROP | 7.5E-06 | 1.8E-07 | EPI | 1.4E-04 | PHYSPROP | 8.7E+01 | PHYSPROP | 1.1E+00 | CRC89 | 3.6E-02 | 7.1E-06 | WATER9 (U.S. EPA, 2001) | | | 2.2E+02 | EPI | 2.6E+00 | PHYSPROP | 1.8E+02 | PHYSPROP | 4.3E-02 | 1.1E+00 | 2.5E+00 | 8.3E-03 | EPI |
| Propiconazole | 60207-90-1 | 3.4E+02 | PHYSPROP | 7.0E-08 | 1.7E-09 | EPI | 4.2E-07 | PHYSPROP | 1.7E+02 | EPI | 1.3E+00 | CRC89 | 2.1E-02 | 5.3E-06 | WATER9 (U.S. EPA, 2001) | | | 1.6E+03 | EPI | 3.7E+00 | PHYSPROP | 1.1E+02 | PHYSPROP | 4.0E-02 | 8.7E+00 | 2.1E+01 | 5.6E-03 | EPI |
| Propionaldehyde | 123-38-6 | 5.8E+01 | PHYSPROP | 3.0E-03 | 7.3E-05 | PHYSPROP | 3.2E+02 | PHYSPROP | -8.0E+01 | PHYSPROP | 8.7E-01 | CRC89 | 1.1E-01 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | 5.9E-01 | PHYSPROP | 3.1E+05 | PHYSPROP | 5.3E-03 | 2.2E-01 | 5.3E-01 | 1.8E-03 | EPI |
| Propyl benzene | 103-65-1 | 1.2E+02 | PHYSPROP | 4.3E-01 | 1.1E-02 | PHYSPROP | 3.4E+00 | PHYSPROP | -1.0E+02 | PHYSPROP | 8.6E-01 | CRC89 | 6.0E-02 | 7.8E-06 | WATER9 (U.S. EPA, 2001) | | | 8.1E+02 | EPI | 3.7E+00 | PHYSPROP | 5.2E+01 | PHYSPROP | 4.0E-01 | 5.0E-01 | 1.2E+00 | 9.4E-02 | EPI |
| Propylene | 115-07-1 | 4.2E+01 | PHYSPROP | 8.0E+00 | 2.0E-01 | PHYSPROP | 8.7E+03 | PHYSPROP | -1.9E+02 | PHYSPROP | 5.1E-01 | CRC89 | 1.1E-01 | 1.1E-05 | WATER9 (U.S. EPA, 2001) | | | 2.2E+01 | EPI | 1.8E+00 | PHYSPROP | 2.0E+02 | PHYSPROP | 3.4E-02 | 1.8E-01 | 4.3E-01 | 1.4E-02 | EPI |
| Propylene Glycol | 57-55-6 | 7.6E+01 | PHYSPROP | 5.3E-07 | 1.3E-08 | EPI | 1.3E-01 | PHYSPROP | -6.0E+01 | PHYSPROP | 1.0E+00 | CRC89 | 9.8E-02 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | -9.2E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 4.8E-04 | 2.8E-01 | 6.7E-01 | 1.4E-04 | EPI |
| Propylene Glycol Dinitrate | 6423-43-4 | 1.7E+02 | PHYSPROP | 3.9E-05 | 9.4E-07 | PHYSPROP | 3.8E-01 | PHYSPROP | -9.6E+00 | EPI | | | 6.3E-02 | 7.3E-06 | WATER9 (U.S. EPA, 2001) | | | 6.1E+01 | EPI | 1.8E+00 | PHYSPROP | 3.3E+03 | EPI | 1.0E-02 | 9.0E-01 | 2.1E+00 | 2.1E-03 | EPI |
| Propylene Glycol Monomethyl Ether | 107-98-2 | 9.0E+01 | PHYSPROP | 3.8E-05 | 9.2E-07 | PHYSPROP | 1.3E+01 | PHYSPROP | -9.5E+01 | PHYSPROP | 9.6E-01 | CRC89 | 8.3E-02 | 1.0E-05 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | -4.9E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 1.4E-03 | 3.4E-01 | 8.1E-01 | 3.7E-04 | RAGSE |
| Propylene Oxide | 75-56-9 | 5.8E+01 | PHYSPROP | 2.8E-03 | 7.0E-05 | EPI | 5.4E+02 | PHYSPROP | -1.1E+02 | PHYSPROP | 8.3E-01 | PERRY | 1.1E-01 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 5.2E+00 | EPI | 3.0E-02 | PHYSPROP | 5.9E+05 | PHYSPROP | 2.3E-03 | 2.2E-01 | 5.3E-01 | 7.7E-04 | EPI |
| Propyzamide | 23950-58-5 | 2.6E+02 | PHYSPROP | 4.0E-07 | 9.8E-09 | EPI | 4.4E-07 | PHYSPROP | 1.6E+02 | PHYSPROP | | | 4.7E-02 | 5.5E-06 | WATER9 (U.S. EPA, 2001) | | | 4.0E+02 | EPI | 3.4E+00 | PHYSPROP | 1.5E+01 | PHYSPROP | 6.7E-02 | 2.9E+00 | 6.9E+00 | 1.1E-02 | EPI |
| Pyridine | 110-86-1 | 7.9E+01 | PHYSPROP | 4.5E-04 | 1.1E-05 | PHYSPROP | 2.1E+01 | PHYSPROP | -4.2E+01 | PHYSPROP | 9.8E-01 | CRC89 | 9.3E-02 | 1.1E-05 | WATER9 (U.S. EPA, 2001) | | | 7.2E+01 | EPI | 6.5E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 5.2E-03 | 2.9E-01 | 7.0E-01 | 1.5E-03 | EPI |
| Quinalphos | 13593-03-8 | 3.0E+02 | PHYSPROP | 1.9E-06 | 4.6E-08 | EPI | 2.6E-06 | PHYSPROP | 3.2E+01 | PHYSPROP | | | 4.3E-02 | 5.0E-06 | WATER9 (U.S. EPA, 2001) | | | 4.2E+03 | EPI | 4.4E+00 | PHYSPROP | 2.2E+01 | PHYSPROP | 2.0E-01 | 4.9E+00 | 1.2E+01 | 3.0E-02 | EPI |
| Quinoline | 91-22-5 | 1.3E+02 | PHYSPROP | 6.8E-05 | 1.7E-06 | EPI | 6.0E-02 | PHYSPROP | -1.5E+01 | PHYSPROP | 1.1E+00 | CRC89 | 6.2E-02 | 8.7E-06 | WATER9 (U.S. EPA, 2001) | | | 1.5E+03 | EPI | 2.0E+00 | PHYSPROP | 6.1E+03 | PHYSPROP | 2.9E-02 | 5.6E-01 | 1.3E+00 | 6.6E-03 | EPI |
| Quizalofop-ethyl | 76578-14-8 | 3.7E+02 | PHYSPROP | 4.3E-07 | 1.1E-08 | EPI | 6.5E-09 | PHYSPROP | 9.2E+01 | PHYSPROP | | | 3.7E-02 | 4.3E-06 | WATER9 (U.S. EPA, 2001) | | | 7.7E+03 | EPI | 4.3E+00 | PHYSPROP | 3.0E-01 | PHYSPROP | 6.6E-02 | 1.3E+01 | 3.1E+01 | 8.9E-03 | EPI |
| Refractory Ceramic Fibers | E715557 | | | | | | | | | | | | | | | | | | | | | | | | | | 1.0E-03 | RAGSE |
| Resmethrin | 10453-86-8 | 3.4E+02 | PHYSPROP | 5.4E-06 | 1.3E-07 | EPI | 1.1E-08 | PHYSPROP | 5.7E+01 | PHYSPROP | | | 3.9E-02 | 4.6E-06 | WATER9 (U.S. EPA, 2001) | | | 3.1E+05 | EPI | 6.1E+00 | PHYSPROP | 3.8E-02 | PHYSPROP | 1.7E+00 | 8.3E+00 | 3.3E+01 | 2.4E-01 | EPI |
| Ronnel | 299-84-3 | 3.2E+02 | PHYSPROP | 1.3E-03 | 3.2E-05 | EPI | 7.5E-05 | PHYSPROP | 4.1E+01 | PHYSPROP | 1.4E+00 | CRC89 | 2.3E-02 | 5.9E-06 | WATER9 (U.S. EPA, 2001) | | | 4.5E+03 | EPI | 4.9E+00 | PHYSPROP | 1.0E+00 | PHYSPROP | 3.0E-01 | 6.6E+00 | 1.6E+01 | 4.3E-02 | EPI |
| Rotenone | 83-79-4 | 3.9E+02 | PHYSPROP | 4.6E-12 | 1.1E-13 | PHYSPROP | 6.9E-10 | PHYSPROP | 1.8E+02 | PHYSPROP | | | 3.5E-02 | 4.1E-06 | WATER9 (U.S. EPA, 2001) | | | 2.6E+05 | EPI | 4.1E+00 | PHYSPROP | 2.0E-01 | PHYSPROP | 3.9E-02 | 1.7E+01 | 4.1E+01 | 5.1E-03 | EPI |
| Safrole | 94-59-7 | 1.6E+02 | PHYSPROP | 3.7E-04 | 9.1E-06 | PHYSPROP | 6.2E-02 | PHYSPROP | 1.1E+01 | PHYSPROP | 1.1E+00 | CRC89 | 4.4E-02 | 7.6E-06 | WATER9 (U.S. EPA, 2001) | | | 2.1E+02 | EPI | 3.5E+00 | PHYSPROP | 1.2E+02 | PHYSPROP | 5.5E-02 | 8.5E-01 | 2.0E+00 | 1.1E-02 | RAGSE |
| Selenious Acid | 7783-00-8 | 1.3E+02 | PHYSPROP | | | | | | 7.0E+01 | EPI | 3.0E+00 | CRC89 | | | | | | | | | | 9.0E+05 | PERRY | 4.4E-03 | 5.5E-01 | 1.3E+00 | 1.0E-03 | RAGSE |
| Selenium | 7782-49-2 | 7.9E+01 | PHYSPROP | | | | 1.4E-10 | EPI | 2.2E+02 | PHYSPROP | 4.8E+00 | CRC89 | | | | 5.0E+00 | SSL | | | | | | | 3.4E-03 | 2.9E-01 | 7.0E-01 | 1.0E-03 | RAGSE |
| Selenium Sulfide | 7446-34-6 | 1.1E+02 | EPI | | | | | | | | | | | | | | | | | | | | | 4.1E-03 | 4.4E-01 | 1.1E+00 | 1.0E-03 | RAGSE |
| Sethoxydim | 74051-80-2 | 3.3E+02 | PHYSPROP | 8.8E-10 | 2.2E-11 | PHYSPROP | 1.6E-07 | PHYSPROP | 1.6E+02 | EPI | 1.0E+00 | CRC89 | 2.0E-02 | 4.8E-06 | WATER9 (U.S. EPA, 2001) | | | 4.4E+03 | EPI | 4.4E+00 | PHYSPROP | 2.5E+01 | PHYSPROP | 1.3E-01 | 7.2E+00 | 1.7E+01 | 1.9E-02 | EPI |
| Silica (crystalline, respirable) | 7631-86-9 | 6.0E+01 | EPI | | | | | | 1.7E+03 | PERRY | 2.3E+00 | PERRY | | | | | | | | | | | | 3.0E-03 | 2.3E-01 | 5.5E-01 | 1.0E-03 | RAGSE |
| Silver | 7440-22-4 | 1.1E+02 | PHYSPROP | | | | 0.0E+00 | NIOSH | 9.6E+02 | PHYSPROP | 1.1E+01 | CRC89 | | | | 8.3E+00 | SSL | | | | | | | 2.4E-03 | 4.2E-01 | 1.0E+00 | 6.0E-04 | RAGSE |
| Simazine | 122-34-9 | 2.0E+02 | PHYSPROP | 3.9E-08 | 9.4E-10 | EPI | 2.2E-08 | PHYSPROP | 2.3E+02 | PHYSPROP | 1.3E+00 | CRC89 | 2.8E-02 | 7.4E-06 | WATER9 (U.S. EPA, 2001) | | | 1.5E+02 | EPI | 2.2E+00 | PHYSPROP | 6.2E+00 | PHYSPROP | 1.8E-02 | 1.4E+00 | 3.4E+00 | 3.3E-03 | EPI |
| Sodium Acifluorfen | 62476-59-9 | 3.8E+02 | PHYSPROP | 2.5E-09 | 6.1E-11 | PHYSPROP | 9.8E-09 | EPI | 2.8E+02 | EPI | | | 3.6E-02 | 4.2E-06 | WATER9 (U.S. EPA, 2001) | | | 3.9E+03 | EPI | 3.7E-01 | PHYSPROP | 2.5E+05 | PHYSPROP | 1.5E-04 | 1.5E+01 | 3.6E+01 | 2.0E-05 | EPI |
| Sodium Azide | 26628-22-8 | 6.5E+01

| Contaminant | | Molecular Weight | | Volatility Parameters | | | | | Melting Point | | Density | | Diffusivity in Air and Water | | | Partition Coefficients | | | | | | Water Solubility | | Tapwater Dermal Parameters | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | CAS No. | MW | MW Ref | H` (unitless) | HLC (atm-m$^3$/mole) | H` and HLC Ref | VP mmHg | VP Ref | MP C | MP Ref | Density (g/cm$^3$) | Density Ref | Dia (cm$^2$/s) | Diw (cm$^2$/s) | $D_{ia}$ and $D_{iw}$ Ref | $K_d$ (L/kg) | $K_d$ Ref | $K_{oc}$ (L/kg) | $K_{oc}$ Ref | log $K_{ow}$ (unitless) | log $K_{ow}$ Ref | S (mg/L) | S Ref | B (unitless) | $\tau_{event}$ (hr/event) | t* (hr) | $K_p$ (cm/hr) | $K_p$ Ref |
| Thallium (I) Nitrate | 10102-45-1 | 2.7E+02 | PHYSPROP | | | | | | 2.1E+02 | PHYSPROP | 5.6E+00 | CRC89 | | | | | | | | | | 9.6E+04 | PHYSPROP | 6.3E-03 | 3.3E+00 | 7.9E+00 | 1.0E-03 | RAGSE |
| Thallium (Soluble Salts) | 7440-28-0 | 2.0E+02 | EPI | | | | | | 3.0E+02 | PHYSPROP | 1.2E+01 | CRC89 | | | | 7.1E+01 | SSL | | | | | | | 5.5E-03 | 1.5E+00 | 3.5E+00 | 1.0E-03 | RAGSE |
| Thallium I Acetate | 563-68-8 | 2.6E+02 | PHYSPROP | | | | 1.5E+01 | PHYSPROP | 1.3E+02 | CRC89 | 3.7E+00 | CRC89 | 3.9E-02 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 1.5E+00 | EPI | -1.7E-01 | PHYSPROP | 2.8E+04 | PHYSPROP | 2.5E-04 | 3.1E+00 | 7.5E+00 | 4.0E-05 | EPI |
| Thallium Carbonate | 6533-73-9 | 4.7E+02 | PHYSPROP | | | | 5.8E+00 | PHYSPROP | 2.7E+02 | PHYSPROP | 7.1E+00 | CRC89 | 3.9E-02 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 2.9E+00 | EPI | -8.6E-01 | PHYSPROP | 5.2E+04 | PHYSPROP | 8.2E-06 | 4.4E+01 | 1.1E+02 | 9.8E-07 | EPI |
| Thallium Chloride | 7791-12-0 | 2.4E+02 | PHYSPROP | | | | | | 4.3E+02 | PHYSPROP | 7.0E+00 | CRC89 | 5.2E-02 | 1.8E-05 | WATER9 (U.S. EPA, 2001) | | | | | | | 2.9E+03 | PHYSPROP | 6.0E-03 | 2.3E+00 | 5.6E+00 | 1.0E-03 | RAGSE |
| Thallium Selenite | 12039-52-0 | 2.8E+02 | EPI | | | | | | 3.3E+02 | CRC89 | | | | | | | | | | | | | | 6.5E-03 | 4.1E+00 | 9.7E+00 | 1.0E-03 | RAGSE |
| Thallium Sulfate | 7446-18-6 | 5.0E+02 | PHYSPROP | | | | | | 6.3E+02 | PHYSPROP | 6.8E+00 | CRC89 | | | | | | | | | | 5.5E+04 | CRC89 | 8.6E-03 | 7.1E+01 | 1.7E+02 | 1.0E-03 | RAGSE |
| Thifensulfuron-methyl | 79277-27-3 | 3.9E+02 | PHYSPROP | 1.7E-12 | 4.1E-14 | PHYSPROP | 1.3E-10 | PHYSPROP | 1.8E+02 | PHYSPROP | | | 3.6E-02 | 4.2E-06 | WATER9 (U.S. EPA, 2001) | | | 5.1E+01 | EPI | 1.6E+00 | PHYSPROP | 2.2E+03 | PHYSPROP | 8.6E-04 | 1.6E+01 | 3.7E+01 | 1.1E-04 | EPI |
| Thiobencarb | 28249-77-6 | 2.6E+02 | PHYSPROP | 1.1E-05 | 2.7E-07 | EPI | 2.2E-05 | PHYSPROP | 3.3E+00 | PHYSPROP | 1.2E+00 | CRC89 | 2.3E-02 | 5.9E-06 | WATER9 (U.S. EPA, 2001) | | | 1.6E+03 | EPI | 3.4E+00 | PHYSPROP | 2.8E+01 | PHYSPROP | 6.3E-02 | 2.9E+00 | 7.0E+00 | 1.0E-02 | EPI |
| Thiodiglycol | 111-48-8 | 1.2E+02 | PHYSPROP | 7.6E-08 | 1.9E-09 | PHYSPROP | 3.2E-03 | PHYSPROP | -1.0E+01 | PHYSPROP | 1.2E+00 | CRC89 | 6.8E-02 | 9.4E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+00 | EPI | -6.3E-01 | PHYSPROP | 1.0E+06 | PHYSPROP | 5.2E-04 | 5.1E-01 | 1.2E+00 | 1.2E-04 | EPI |
| Thiofanox | 39196-18-4 | 2.2E+02 | PHYSPROP | 3.8E-07 | 9.4E-09 | EPI | 1.7E-04 | PHYSPROP | 5.7E+01 | PHYSPROP | | | 5.2E-02 | 6.1E-06 | WATER9 (U.S. EPA, 2001) | | | 7.2E+01 | EPI | 2.2E+00 | PHYSPROP | 5.2E+03 | PHYSPROP | 3.6E-02 | 1.8E+00 | 4.2E+00 | 6.3E-03 | EPI |
| Thiophanate, Methyl | 23564-05-8 | 3.4E+02 | PHYSPROP | 4.9E-08 | 1.2E-09 | EPI | 7.1E-08 | PHYSPROP | 1.7E+02 | EPI | | | 3.9E-02 | 4.5E-06 | WATER9 (U.S. EPA, 2001) | | | 3.3E+02 | EPI | 1.4E+00 | PHYSPROP | 2.2E+01 | PHYSPROP | 1.1E-03 | 8.7E+00 | 2.1E+01 | 1.6E-04 | EPI |
| Thiram | 137-26-8 | 2.4E+02 | PHYSPROP | 7.4E-06 | 1.8E-07 | EPI | 1.7E-05 | PHYSPROP | 1.6E+02 | PHYSPROP | 1.3E+00 | PERRY | 2.6E-02 | 6.6E-06 | WATER9 (U.S. EPA, 2001) | | | 6.1E+02 | EPI | 1.7E+00 | PHYSPROP | 3.0E+01 | PHYSPROP | 5.9E-03 | 2.3E+00 | 5.6E+00 | 9.9E-04 | EPI |
| Tin | 7440-31-5 | 1.2E+02 | CRC89 | | | | 0.0E+00 | NIOSH | 1.3E+01 | CRC89 | 7.3E+00 | CRC89 | | | | 2.5E+02 | BAES | | | | | | | 4.2E-03 | 4.9E-01 | 1.2E+00 | 1.0E-03 | RAGSE |
| Titanium Tetrachloride | 7550-45-0 | 1.9E+02 | CRC89 | | | | 1.0E+01 | ATSDR Profile | -2.4E+01 | CRC89 | 1.7E+00 | CRC89 | 3.8E-02 | 9.1E-06 | WATER9 (U.S. EPA, 2001) | | | | | | | | | 5.3E-03 | 1.2E+00 | 2.9E+00 | 1.0E-03 | RAGSE |
| Toluene | 108-88-3 | 9.2E+01 | PHYSPROP | 2.7E-01 | 6.6E-03 | PHYSPROP | 2.8E+01 | PHYSPROP | -9.5E+01 | PHYSPROP | 8.6E-01 | CRC89 | 7.8E-02 | 9.2E-06 | WATER9 (U.S. EPA, 2001) | | | 2.3E+02 | EPI | 2.7E+00 | PHYSPROP | 5.3E+02 | PHYSPROP | 1.1E-01 | 3.5E-01 | 8.3E-01 | 3.1E-02 | EPI |
| Toluene-2,4-diisocyanate | 584-84-9 | 1.7E+02 | EPI | 4.5E-04 | 1.1E-05 | EPI | 8.0E-03 | EPI | 2.1E+01 | EPI | 1.2E+00 | CRC89 | 4.0E-02 | 7.8E-06 | WATER9 (U.S. EPA, 2001) | | | 7.4E+03 | EPI | 3.7E+00 | EPI | 3.8E+01 | EPI | 2.6E+00 | 9.9E-01 | 4.1E+00 | 5.1E-01 | EPI |
| Toluene-2,5-diamine | 95-70-5 | 1.2E+02 | PHYSPROP | 3.0E-07 | 7.4E-09 | PHYSPROP | 3.4E-03 | PHYSPROP | 6.4E+01 | PHYSPROP | | | 7.7E-02 | 9.0E-06 | WATER9 (U.S. EPA, 2001) | | | 5.5E+01 | EPI | 1.6E-01 | PHYSPROP | 7.7E+04 | PHYSPROP | 1.7E-03 | 5.1E-01 | 1.2E+00 | 4.1E-04 | EPI |
| Toluene-2,6-diisocyanate | 91-08-7 | 1.7E+02 | EPI | 4.5E-04 | 1.1E-05 | EPI | 2.1E-02 | EPI | 1.8E+01 | EPI | | | 6.1E-02 | 7.1E-06 | WATER9 (U.S. EPA, 2001) | | | 7.6E+03 | EPI | 3.7E+00 | EPI | 3.8E+01 | EPI | 2.6E-01 | 9.9E-01 | 2.4E+00 | 5.1E-02 | EPI |
| Toluic Acid, p- | 99-94-5 | 1.4E+02 | EPI | 1.2E-05 | 2.8E-07 | YAWS | 5.1E-05 | EPI | 1.8E+02 | EPI | 1.2E+00 | PPRTV | 6.1E-02 | 9.0E-06 | WATER9 (U.S. EPA, 2001) | | | 2.7E+01 | PPRTV | 2.3E+00 | EPI | 3.4E+02 | EPI | 3.9E-02 | 6.1E-01 | 1.5E+00 | 8.7E-03 | EPI |
| Toluidine, o- (Methylaniline, 2-) | 95-53-4 | 1.1E+02 | PHYSPROP | 8.1E-05 | 2.0E-06 | PHYSPROP | 2.6E-01 | PHYSPROP | -1.4E+01 | PHYSPROP | 1.0E+00 | CRC89 | 7.2E-02 | 9.2E-06 | WATER9 (U.S. EPA, 2001) | | | 1.2E+02 | EPI | 1.3E+00 | PHYSPROP | 1.7E+04 | PHYSPROP | 1.2E-02 | 4.2E-01 | 1.0E+00 | 3.0E-03 | EPI |
| Toluidine, p- | 106-49-0 | 1.1E+02 | PHYSPROP | 8.3E-05 | 2.0E-06 | PHYSPROP | 2.9E-01 | PHYSPROP | 4.4E+01 | PHYSPROP | 9.6E-01 | CRC89 | 7.1E-02 | 9.0E-06 | WATER9 (U.S. EPA, 2001) | | | 1.1E+02 | EPI | 1.4E+00 | PHYSPROP | 6.5E+03 | PHYSPROP | 1.3E-02 | 4.2E-01 | 1.0E+00 | 3.3E-03 | EPI |
| Total Petroleum Hydrocarbons (Aliphatic High) | E1790670 | 1.7E+02 | EPI | 3.3E+02 | 8.2E+00 | EPI | 1.4E-01 | EPI | -9.6E+00 | EPI | 8.8E-01 | ChemNet | 3.6E-02 | 6.4E-06 | WATER9 (U.S. EPA, 2001) | | | 4.8E+03 | EPI | 6.1E+00 | EPI | 3.7E-03 | EPI | 9.8E+00 | 9.5E-01 | 4.3E+00 | 2.0E+00 | EPI |
| Total Petroleum Hydrocarbons (Aliphatic Low) | E1790666 | 8.6E+01 | SURROGATE | 7.4E+01 | 1.8E+00 | EPI | 1.5E+02 | SURROGATE | -9.5E+01 | SURROGATE | 6.6E-01 | CRC89 | 7.3E-02 | 8.2E-06 | WATER9 (U.S. EPA, 2001) | | | 1.3E+02 | EPI | 3.9E+00 | SURROGATE | 9.5E+00 | SURROGATE | 7.2E-01 | 3.2E-01 | 1.2E+00 | 2.0E-01 | EPI |
| Total Petroleum Hydrocarbons (Aliphatic Medium) | E1790668 | 1.3E+02 | SURROGATE | 1.4E+02 | 3.4E+00 | EPI | 4.5E+00 | SURROGATE | -5.4E+01 | SURROGATE | 7.2E-01 | CRC89 | 5.1E-02 | 6.8E-06 | WATER9 (U.S. EPA, 2001) | | | 8.0E+02 | EPI | 5.7E+00 | SURROGATE | 2.2E-01 | SURROGATE | 7.4E+00 | 5.5E-01 | 2.5E+00 | 1.7E+00 | EPI |
| Total Petroleum Hydrocarbons (Aromatic High) | E1790676 | 2.0E+02 | SURROGATE | 3.6E-04 | 8.9E-06 | SURROGATE | 9.2E-06 | SURROGATE | 1.1E+02 | SURROGATE | 1.3E+00 | CRC89 | 2.8E-02 | 7.2E-06 | WATER9 (U.S. EPA, 2001) | | | 5.5E+04 | EPI | 5.2E+00 | SURROGATE | 2.6E-01 | SURROGATE | 1.7E+00 | 1.4E+00 | 5.7E+00 | 3.1E-01 | EPI |
| Total Petroleum Hydrocarbons (Aromatic Low) | E1790672 | 7.8E+01 | SURROGATE | 2.3E-01 | 5.6E-03 | SURROGATE | 9.5E+01 | SURROGATE | 5.5E+00 | SURROGATE | 8.8E-01 | CRC89 | 9.0E-02 | 1.0E-05 | WATER9 (U.S. EPA, 2001) | | | 1.5E+02 | EPI | 2.1E+00 | SURROGATE | 1.8E+03 | SURROGATE | 5.1E-02 | 2.9E-01 | 6.9E-01 | 1.5E-02 | EPI |
| Total Petroleum Hydrocarbons (Aromatic Medium) | E1790674 | 1.4E+02 | SURROGATE | 2.0E-02 | 4.8E-04 | SURROGATE | 7.0E-02 | SURROGATE | 5.7E+01 | SURROGATE | 1.0E+00 | CRC89 | 5.6E-02 | 8.1E-06 | WATER9 (U.S. EPA, 2001) | | | 2.0E+03 | EPI | 3.6E+00 | SURROGATE | 2.8E+01 | SURROGATE | 3.1E-01 | 6.0E-01 | 1.4E+00 | 6.9E-02 | EPI |
| Toxaphene | 8001-35-2 | 4.5E+02 | PHYSPROP | 2.5E-04 | 6.0E-06 | PHYSPROP | 6.7E-06 | PHYSPROP | 7.7E+01 | PHYSPROP | | | 3.2E-02 | 3.8E-06 | WATER9 (U.S. EPA, 2001) | | | 7.7E+04 | EPI | 5.9E+00 | PHYSPROP | 5.5E-01 | PHYSPROP | 4.2E-01 | 3.4E+01 | 8.2E+01 | 5.2E-02 | EPI |
| Tralomethrin | 66841-25-6 | 6.7E+02 | PHYSPROP | 1.6E-08 | 3.9E-10 | EPI | 3.6E-11 | PHYSPROP | 1.4E+02 | PHYSPROP | | | 2.5E-02 | 2.9E-06 | WATER9 (U.S. EPA, 2001) | | | 1.9E+05 | EPI | 7.6E+00 | PHYSPROP | 8.0E-02 | PHYSPROP | 3.0E-01 | 5.6E+02 | 1.3E+03 | 3.1E-02 | EPI |
| Tri-n-butyltin | 688-73-3 | 2.9E+02 | PHYSPROP | 6.2E+01 | 1.5E+00 | PHYSPROP | 4.0E-02 | PHYSPROP | 2.9E+01 | EPI | 1.1E+00 | CRC89 | 2.1E-02 | 5.4E-06 | WATER9 (U.S. EPA, 2001) | | | 8.1E+03 | EPI | 4.1E+00 | PHYSPROP | 7.3E-03 | PHYSPROP | 1.3E-01 | 4.5E+00 | 1.1E+01 | 1.9E-02 | EPI |
| Triacetin | 102-76-1 | 2.2E+02 | PHYSPROP | 5.0E-07 | 1.2E-08 | EPI | 2.5E-03 | PHYSPROP | 7.8E+01 | PHYSPROP | 1.2E+00 | CRC89 | 2.6E-02 | 6.6E-06 | WATER9 (U.S. EPA, 2001) | | | 4.1E+01 | EPI | 2.5E-01 | PHYSPROP | 5.8E+04 | PHYSPROP | 7.8E-04 | 1.8E+00 | 4.2E+00 | 1.4E-04 | EPI |
| Triadimefon | 43121-43-3 | 2.9E+02 | PHYSPROP | 3.3E-09 | 8.1E-11 | EPI | 1.5E-08 | PHYSPROP | 8.2E+01 | PHYSPROP | 1.2E+00 | CRC89 | 2.2E-02 | 5.7E-06 | WATER9 (U.S. EPA, 2001) | | | 3.0E+02 | EPI | 2.8E+00 | PHYSPROP | 7.2E+01 | PHYSPROP | 1.6E-02 | 4.6E+00 | 1.1E+01 | 2.4E-03 | EPI |
| Triallate | 2303-17-5 | 3.0E+02 | PHYSPROP | 4.9E-04 | 1.2E-05 | EPI | 1.2E-04 | PHYSPROP | 2.9E+01 | PHYSPROP | 1.3E+00 | CRC89 | 2.2E-02 | 5.7E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+03 | EPI | 4.6E+00 | PHYSPROP | 4.0E+00 | PHYSPROP | 2.3E-01 | 5.3E+00 | 1.3E+01 | 3.5E-02 | EPI |
| Triasulfuron | 82097-50-5 | 4.0E+02 | PHYSPROP | 1.3E-11 | 3.2E-13 | PHYSPROP | 5.5E-12 | PHYSPROP | 1.9E+02 | PHYSPROP | | | 3.5E-02 | 4.1E-06 | WATER9 (U.S. EPA, 2001) | | | 4.3E+02 | EPI | 1.1E+00 | PHYSPROP | 3.2E+01 | PHYSPROP | 3.6E-04 | 1.9E+01 | 4.5E+01 | 4.7E-05 | EPI |
| Tribenuron-methyl | 101200-48-0 | 4.0E+02 | PHYSPROP | 4.2E-12 | 1.0E-13 | PHYSPROP | 3.9E-10 | PHYSPROP | 1.4E+02 | PHYSPROP | | | 3.5E-02 | 4.1E-06 | WATER9 (U.S. EPA, 2001) | | | 9.5E+01 | EPI | 7.8E-01 | PHYSPROP | 5.0E+01 | PHYSPROP | 3.6E-03 | 1.7E+01 | 4.1E+01 | 4.7E-04 | EPI |
| Tribromobenzene, 1,2,4- | 615-54-3 | 3.1E+02 | PHYSPROP | 1.4E-02 | 3.4E-04 | PHYSPROP | 5.5E-03 | PHYSPROP | 4.5E+01 | PHYSPROP | 2.3E+00 | ChemNet | 2.9E-02 | 7.9E-06 | WATER9 (U.S. EPA, 2001) | | | 6.1E+02 | EPI | 4.7E+00 | PHYSPROP | 4.9E+00 | PHYSPROP | 2.3E-01 | 6.1E+00 | 1.5E+01 | 3.4E-02 | EPI |
| Tribromophenol, 2,4,6- | 118-79-6 | 3.3E+02 | PHYSPROP | 1.5E-06 | 3.6E-08 | PHYSPROP | 3.0E-04 | PHYSPROP | 9.6E+01 | PHYSPROP | 2.6E+00 | CRC89 | 3.0E-02 | 8.2E-06 | WATER9 (U.S. EPA, 2001) | | | 8.1E+02 | EPI | 4.1E+00 | PHYSPROP | 7.0E+01 | PHYSPROP | 8.5E-02 | 7.5E+00 | 1.8E+01 | 1.2E-02 | EPI |
| Tributyl Phosphate | 126-73-8 | 2.7E+02 | PHYSPROP | 5.8E-05 | 1.4E-06 | EPI | 1.1E-03 | PHYSPROP | -7.9E+01 | PHYSPROP | 9.7E-01 | CRC89 | 2.1E-02 | 5.2E-06 | WATER9 (U.S. EPA, 2001) | | | 2.4E+03 | EPI | 4.0E+00 | PHYSPROP | 2.8E+02 | PHYSPROP | 1.4E-01 | 3.3E+00 | 7.8E+00 | 2.3E-02 | EPI |
| Tributyltin Compounds | E1790678 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tributyltin Oxide | 56-35-9 | 6.0E+02 | PHYSPROP | 1.2E-05 | 3.0E-07 | EPI | 7.5E-06 | PHYSPROP | -4.5E+01 | PHYSPROP | 1.2E+00 | CRC89 | 1.5E-02 | 3.6E-06 | WATER9 (U.S. EPA, 2001) | | | 2.6E+07 | EPI | 4.1E+00 | PHYSPROP | 2.0E+01 | PHYSPROP | 2.4E-03 | 2.3E+02 | 5.5E+02 | 2.5E-04 | EPI |
| Trichloro-1,2,2-trifluoroethane, 1,1,2- | 76-13-1 | 1.9E+02 | PHYSPROP | 2.2E+01 | 5.3E-01 | EPI | 3.6E+02 | PHYSPROP | -3.5E+01 | PHYSPROP | 1.6E+00 | CRC89 | 3.8E-02 | 8.6E-06 | WATER9 (U.S. EPA, 2001) | | | 2.0E+02 | EPI | 3.2E+00 | PHYSPROP | 1.7E+02 | PHYSPROP | 9.2E-02 | 1.2E+00 | 2.8E+00 | 1.8E-02 | EPI |
| Trichloroacetic Acid | 76-03-9 | 1.6E+02 | PHYSPROP | 5.5E-07 | 1.4E-08 | PHYSPROP | 6.0E-02 | EPI | 5.8E+01 | PHYSPROP | 1.6E+00 | CRC89 | 3.5E-02 | 9.5E-06 | WATER9 (U.S. EPA, 2001) | | | 3.2E+02 | EPI | 1.3E+00 | PHYSPROP | 5.5E+04 | PHYSPROP | 7.1E-03 | 8.6E-01 | 2.1E+00 | 1.5E-03 | EPI |
| Trichloroaniline HCl, 2,4,6- | 33663-50-2 | 2.3E+02 | EPI | 2.9E-12 | 7.2E-14 | EPI | 6.1E-08 | EPI | 1.8E+02 | EPI | | | 5.0E-02 | 5.9E-06 | WATER9 (U.S. EPA, 2001) | | | 1.3E+03 | EPI | -6.7E-01 | EPI | 2.1E+01 | EPI | 1.6E-04 | 2.1E+00 | 5.1E+00 | 2.8E-05 | EPI |
| Trichloroaniline, 2,4,6- | 634-93-5 | 2.0E+02 | PHYSPROP | 5.5E-05 | 1.3E-06 | PHYSPROP | 4.4E-03 | PHYSPROP | 7.9E+01 | PHYSPROP | | | 5.6E-02 | 6.6E-06 | WATER9 (U.S. EPA, 2001) | | | 4.4E+03 | EPI | 3.5E+00 | PHYSPROP | 4.0E+01 | PHYSPROP | 1.5E-01 | 1.3E+00 | 3.2E+00 | 2.7E-02 | EPI |
| Trichlorobenzene, 1,2,3- | 87-61-6 | 1.8E+02 | PHYSPROP | 5.1E-02 | 1.3E-03 | PHYSPROP | 2.1E-01 | PHYSPROP | 5.4E+01 | PHYSPROP | 1.5E+00 | CRC89 | 4.0E-02 | 8.4E-06 | WATER9 (U.S. EPA, 2001) | | | 1.4E+03 | EPI | 4.1E+00 | PHYSPROP | 1.8E+01 | PHYSPROP | 3.8E-01 | 1.1E+00 | 2.6E+00 | 7.4E-02 | EPI |
| Trichlorobenzene, 1,2,4- | 120-82-1 | 1.8E+02 | PHYSPROP | 5.8E-02 | 1.4E-03 | PHYSPROP | 4.6E-01 | PHYSPROP | 1.7E+01 | PHYSPROP | 1.5E+00 | CRC89 | 4.0E-02 | 8.4E-06 | WATER9 (U.S. EPA, 2001) | | | 1.4E+03 | EPI | 4.0E+00 | PHYSPROP | 4.9E+01 | PHYSPROP | 3.7E-01 | 1.1E+00 | 2.6E+00 | 7.1E-02 | EPI |
| Trichloroethane, 1,1,1- | 71-55-6 | 1.3E+02 | PHYSPROP | 7.0E-01 | 1.7E-02 | PHYSPROP | 1.2E+02 | PHYSPROP | -3.0E+01 | PHYSPROP | 1.3E+00 | CRC89 | 6.5E-02 | 9.6E-06 | WATER9 (U.S. EPA, 2001) | | | 4.4E+01 | EPI | 2.5E+00 | PHYSPROP | 1.3E+03 | PHYSPROP | 5.6E-02 | 5.9E-01 | 1.4E+00 | 1.3E-02 | EPI |
| Trichloroethane, 1,1,2- | 79-00-5 | 1.3E+02 | PHYSPROP | 3.4E-02 | 8.2E-04 | PHYSPROP | 2.3E+01 | PHYSPROP | -3.7E+01 | PHYSPROP | 1.4E+00 | CRC89 | 6.7E-02 | 1.0E-05 | WATER9 (U.S. EPA, 2001) | | | 6.1E+01 | EPI | 1.9E+00 | PHYSPROP | 4.6E+03 | PHYSPROP | 2.2E-02 | 5.9E-01 | 1.4E+00 | 5.0E-03 | EPI |
| Trichloroethylene | 79-01-6 | 1.3E+02 | PHYSPROP | 4.0E-01 | 9.9E-03 | PHYSPROP | 6.9E+01 | PHYSPROP | -8.5E+01 | PHYSPROP | 1.5E+00 | CRC89 | 6.9E-02 | 1.0E-05 | WATER9 (U.S. EPA, 2001) | | | 6.1E+01 | EPI | 2.4E+00 | PHYSPROP | 1.3E+03 | PHYSPROP | 5.1E-02 | 5.7E-01 | 1.4E+00 | 1.2E-02 | EPI |
| Trichlorofluoromethane | 75-69-4 | 1.4E+02 | PHYSPROP | 4.0E+00 | 9.7E-02 | PHYSPROP | 8.0E+02 | PHYSPROP | -1.1E+02 | PHYSPROP | 1.5E+00 | CRC89 | 6.5E-02 | 1.0E-05 | WATER9 (U.S. EPA, 2001) | | | 4.4E+01 | EPI | 2.5E+00 | PHYSPROP | 1.1E+03 | PHYSPROP | 5.7E-02 | 6.2E-01 | 1.5E+00 | 1.3E-02 | EPI |
| Trichlorophenol, 2,4,5- | 95-95-4 | 2.0E+02 | PHYSPROP | 6.6E-05 | 1.6E-06 | EPI | 7.5E-03 | EPI | 6.9E+01 | PHYSPROP | 1.5E+00 | PERRY | 3.1E-02 | 8.1E-06 | WATER9 (U.S. EPA, 2001) | | | 1.6E+03 | SSL | 3.7E+00 | PHYSPROP | 1.2E+03 | PHYSPROP | 2.0E-01 | 1.3E+00 | 3.2E+00 | 3.6E-02 | EPI |
| Trichlorophenol, 2,4,6- | 88-06-2 | 2.0E+02 | PHYSPROP | 1.1E-04 | 2.6E-06 | EPI | 8.0E-03 | EPI | 6.9E+01 | PHYSPROP | 1.5E+00 | CRC89 | 3.1E-02 | 8.1E-06 | WATER9 (U.S. EPA, 2001) | | | 3.8E+02 | SSL | 3.7E+00 | PHYSPROP | 8.0E+02 | PHYSPROP | 1.9E-01 | 1.3E+00 | 3.2E+00 | 3.5E-02 | EPI |
| Trichlorophenoxyacetic Acid, 2,4,5- | 93-76-5 | 2.6E+02 | PHYSPROP | 3.5E-07 | 8.7E-09 | PHYSPROP | 3.8E-05 | EPI | 1.5E+02 | PHYSPROP | 1.8E+00 | PubChem | 2.9E-02 | 7.8E-06 | WATER9 (U.S. EPA, 2001) | | | 1.1E+02 | EPI | 3.3E+00 | PHYSPROP | 2.8E+02 | PHYSPROP | 5.6E-02 | 2.8E+00 | 6.8E+00 | 9.1E-03 | EPI |
| Trichlorophenoxypropionic acid, -2,4,5 | 93-72-1 | 2.7E+02 | PHYSPROP | 3.7E-07 | 9.1E-09 | PHYSPROP | 1.0E-05 | PHYSPROP | 1.8E+02 | PHYSPROP | 1.2E+00 | PubChem | 2.3E-02 | 5.9E-06 | WATER9 (U.S. EPA, 2001) | | | 1.8E+02 | EPI | 3.8E+00 | PHYSPROP | 7.1E+01 | PHYSPROP | 1.0E-01 | 3.4E+00 | 8.2E+00 | 1.6E-02 | EPI |
| Trichloropropane, 1,1,2- | 598-77-6 | 1.5E+02 | PHYSPROP | 1.3E-02 | 3.2E-04 | EPI | 3.1E+00 | PHYSPROP | -6.5E+01 | EPI | 1.4E+00 | CRC89 | 5.7E-02 | 9.2E-06 | WATER9 (U.S. EPA, 2001) | | | 9.5E+01 | EPI | 2.4E+00 | PHYSPROP | 1.9E+03 | PHYSPROP | 4.5E-02 | 7.0E-01 | 1.7E+00 | 9.6E-03 | EPI |
| Trichloropropane, 1,2,3- | 96-18-4 | 1.5E+02 | PHYSPROP | 1.4E-02 | 3.4E-04 | PHYSPROP | 3.7E+00 | PHYSPROP | -1.5E+01 | PHYSPROP | 1.4E+00 | CRC89 | 5.7E-02 | 9.2E-06 | WATER9 (U.S. EPA, 2001) | | | 1.2E+02 | EPI | 2.3E+00 | PHYSPROP | 1.8E+03 | PHYSPROP | 3.5E-02 | 7.0E-01 | 1.7E+00 | 7.5E-03 | EPI |
| Trichloropropene, 1,2,3- | 96-19-5 | 1.5E+02 | PHYSPROP | 7.2E-01 | 1.8E-02 | PHYSPROP | 4.4E+00 | PHYSPROP | -5.6E+01 | EPI | 1.4E+00 | CRC89 | 5.9E-02 | 9.4E-06 | WATER9 (U.S. EPA, 2001) | | | 1.2E+02 | EPI | 2.8E+00 | PHYSPROP | 3.3E+02 | PHYSPROP | 7.8E-02 | 6.9E-01 | 1.6E+00 | 1.7E-02 | EPI |
| Tricresyl Phosphate (TCP) | 1330-78-5 | 3.7E+02 | PHYSPROP | 3.3E-05 | 8.1E-07 | EPI | 6.0E-07 | EPI | -3.3E+01 | PHYSPROP | 1.2E+00 | Yaws | 1.9E-02 | 4.8E-06 | WATER9 (U.S. EPA, 2001) | | | 4.7E+04 | EPI | 5.1E+00 | PHYSPROP | 3.6E-01 | PHYSPROP | 2.5E-01 | 1.2E+01 | 2.9E+01 | 3.3E-02 | EPI |
| Tridiphane | 58138-08-2 | 3.2E+02 | PHYSPROP | 1.7E-05 | 4.1E-07 | PHYSPROP | 3.9E-04 | PHYSPROP | 4.3E+01 | PHYSPROP | | | 4.1E-02 | 4.7E-06 | WATER9 (U.S. EPA, 2001) | | | 3.4E+03 | EPI | 5.2E+00 | PHYSPROP | 1.1E+00 | PHYSPROP | 4.7E-01 | 6.6E+00 | 1.6E+01 | 6.9E-02 | EPI |
| Triethylamine | 121-44-8 | 1.0E+02 | PHYSPROP | 6.1E-03 | 1.5E-04 | PHYSPROP | 5.7E+01 | PHYSPROP | -1.1E+02 | PHYSPROP | 7.3E-01 | CRC89 | 6.6E-02 | 7.9E-06 | WATER9 (U.S. EPA, 2001) | | | 5.1E+01 | EPI | 1.5E+00 | PHYSPROP | 6.9E+04 | PHYSPROP | 1.5E-02 | 3.9E-01 | 9.3E-01 | 3.9E-03 | EPI |
| Triethylene Glycol | 112-27-6 | 1.5E+02 | PHYSPROP | 1.3E-09 | 3.2E-11 | PHYSPROP | 1.3E-03 | PHYSPROP | -7.0E+00 | PHYSPROP | 1.1E+00 | CRC89 | 5.1E-02 | 8.1E-06 | WATER9 (U.S. EPA, 2001) | | | 1.0E+01 | EPI | -1.8E+00 | PHYSPROP | 1.0E+06 | PHYSPROP | 7.3E-05 | 7.3E-01 | 1.8E+00 | 1.6E-05 | EPI |
| Trifluoroethane, 1,1,1- | 420-46-2 | 8.4E+01 | PHYSPROP | 3.1E+01 | 7.7E-01 | PHYSPROP | 9.5E+03 | PHYSPROP | -1.1E+02 | PHYSPROP | | | 9.9E-02 | 1.2E-05 | WATER9 (U.S. EPA, 2001) | | | 4.4E+01 | EPI | 1.7E+00 | PHYSPROP | 7.6E+02 | PHYSPROP | 2.7E-02 | 3.1E-01 | 7.5E-01 | 7.6E-03 | EPI |
| Trifluralin | 1582-09-8 | 3.4E+02 | PHYSPROP | 4.2E-03 | 1.0E-04 | PHYSPROP | 4.6E-05 | PHYSPROP | 4.9E+01 | PHYSPROP | 1.4E+00 | PubChem | 2.2E-02 | 5.6E-06 | WATER9 (U.S. EPA, 2001) | | | 1.6E+04 | EPI | 5.3E+00 | PHYSPROP | 1.8E-01 | PHYSPROP | 5.1E-01 | 7.9E+00 | 1.9E+01 | 7.3E-02 | EPI |
| Trimethyl Phosphate | 512-56-1 | 1.4E+02 | PHYSPROP | 2.9E-07 | 7.2E-09 | PHYSPROP | 8.5E-01 | EPI | -4.6E+01 | PHYSPROP | 1.2E+00 | CRC89 | 5.8E-02 | 8.8E-06 | WATER9 (U.S. EPA, 2001) | | | 1.1E+01 | EPI | -6.5E-01 | PHYSPROP | 5.0E+05 | PHYSPROP | 4.3E-04 | 6.4E-01 | 1.5E+00 | 9.5E-05 | EPI |
| Trimethylbenzene, 1,2,3- | 526-73-8 | 1.2E+02 | PHYSPROP | 1.8E-01 | 4.4E-03 | PHYSPROP | 1.7E+00 | PHYSPROP | -2.5E+01 | PHYSPROP | 8.9E-01 | CRC89 | 6.1E-02 | 8.0E-06 | WATER9 (U.S. EPA, 2001) | | | 6.3E+02 | EPI | 3.7E+00 | PHYSPROP | 7.5E+01 | PHYSPROP | 3.8E-01 | 5.0E-01 | 1.2E+00 | 9.0E-02 | EPI |
| Trimethylbenzene, 1,2,4- | 95-63-6 | 1.2E+02 | PHYSPROP | 2.5E-01 | 6.2E-03 | PHYSPROP | 2.1E+00 | PHYSPROP | -4.4E+01 | PHYSPROP | 8.8E-01 | CRC89 | 6.1E-02 | 7.9E-06 | WATER9 (U.S. EPA, 2001) | | | 6.1E+02 | EPI | 3.6E+00 | PHYSPROP | 5.7E+01 | PHYSPROP | 3.6E-01 | 5.0E-01 | 1.2E+00 | 8.6E-02 | EPI |
| Trimethylbenzene, 1,3,5- | 108-67-8 | 1.2E+02 | PHYSPROP | 3.6E-01 | 8.8E-03 | PHYSPROP | 2.5E+00 | PHYSPROP | -4.5E+01 | PHYSPROP | 8.6E-01 | CRC89 | 6.0E-02 | 7.8E-06 | WATER9 (U.S. EPA, 2001) | | | 6.0E+02 | EPI | 3.4E+00 | PHYSPROP | 4.9E+01 | PHYSPROP | 2.6E-01 | 5.0E-01 | 1.2E+00 | 6.2E-02 | EPI |
| Trimethylpentene, 2,4,4- | 25167-70-8 | 1.1E+02 | PHYSPROP | 3.0E+01 | 7.5E-01 | PHYSPROP | 7.1E+01 | PHYSPROP | -8.4E+01 | EPI | 7.2E-01 | PubChem | 6.0E-02 | 7.3E-06 | WATER9 (U.S. EPA, 2001) | | | 2.4E+02 | EPI | 3.4E+00 | PHYSPROP | 4.0E+00 | PHYSPROP | 7.7E-01 | 4.5E-01 | 1.7E+00 | 1.9E-01 | RAGSE |
| Trinitrobenzene, 1,3,5- | 99-35-4 | 2.1E+02 | PHYSPROP | 2.7E-07 | 6.5E-09 | EPI | 6.4E-06 | EPI | 1.2E