Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; H = HEAST; W = WHO; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are bsed on DAF=1

| Contaminant | | Toxicity and Chemical-specific Information | | | | | | | | | | | | | Screening Levels | | | | | | | | | | Protection of Groundwater | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | CAS No. | SFO (mg/kg-day)$^{-1}$ | key | IUR (ug/m$^3$)$^{-1}$ | key | RfDo (mg/kg-day) | key | RfCi (mg/m$^3$) | key | voc | muta-gen | RAGS Part E GIABS | RAGS Part E ABS | Csat mg/kg | Residential Soil mg/kg | key | Industrial Soil mg/kg | key | Residential Air ug/m$^3$ | key | Industrial Air ug/m$^3$ | key | Tapwater ug/L | key | MCL ug/L | Risk-based SSL mg/kg | MCL-based SSL mg/kg |
| Acephate | 30560-19-1 | 8.7E-03 | I | | | 4.0E-03 | I | | | | | 1 | 0.1 | | 5.6E+01 | c** | 2.0E+02 | c* | | | | | 7.7E+00 | c* | | 1.9E-03 | |
| Acetaldehyde | 75-07-0 | | | 2.2E-06 | I | | | 9.0E-03 | I | V | | 1 | | 1.1E+05 | 1.1E+01 | c** | 5.3E+01 | c** | 1.1E+00 | c** | 5.6E+00 | c** | 2.2E+00 | c** | | 4.5E-04 | |
| Acetochlor | 34256-82-1 | | | | | 2.0E-02 | I | | | | | 1 | 0.1 | | 1.2E+03 | n | 1.2E+04 | n | | | | | 7.3E+02 | n | | 4.0E-01 | |
| Acetone | 67-64-1 | | | | | 9.0E-01 | I | 3.1E+01 | A | V | | 1 | | 1.1E+05 | 6.1E+04 | n | 6.1E+05 | nms | 3.2E+04 | n | 1.4E+05 | n | 2.2E+04 | n | | 4.4E+00 | |
| Acetone Cyanohydrin | 75-86-5 | | | | | 3.0E-03 | P | 6.0E-02 | P | V | | 1 | | 1.1E+05 | 2.0E+02 | n | 2.1E+03 | n | 6.3E+01 | n | 2.6E+02 | n | 5.8E+01 | n | | 1.2E-02 | |
| Acetonitrile | 75-05-8 | | | | | | | 6.0E-02 | I | V | | 1 | | 1.3E+05 | 8.7E+02 | n | 3.7E+03 | n | 6.3E+01 | n | 2.6E+02 | n | 1.3E+02 | n | | 2.6E-02 | |
| Acetophenone | 98-86-2 | | | | | 1.0E-01 | I | | | V | | 1 | | 2.3E+03 | 7.8E+03 | ns | 1.0E+05 | nms | | | | | 3.7E+03 | n | | 1.1E+00 | |
| Acrolein | 107-02-8 | | | | | 5.0E-04 | I | 2.0E-05 | I | V | | 1 | | 2.5E+04 | 1.6E-01 | n | 6.8E-01 | n | 2.1E-02 | n | 8.8E-02 | n | 4.2E-02 | n | | 8.6E-06 | |
| Acrylamide | 79-06-1 | 4.5E+00 | I | 1.3E-03 | I | 2.0E-04 | I | | | | | 1 | 0.1 | | 1.1E-01 | c | 3.8E-01 | c | 1.9E-03 | c | 9.4E-03 | c | 1.5E-02 | c | | 3.3E-06 | |
| Acrylic Acid | 79-10-7 | | | | | 5.0E-01 | I | 1.0E-03 | I | | | 1 | 0.1 | | 3.0E+04 | n | 2.9E+05 | nm | 1.0E+00 | n | 4.4E+00 | n | 1.8E+04 | n | | 3.7E+00 | |
| Acrylonitrile | 107-13-1 | 5.4E-01 | I | 6.8E-05 | I | 1.0E-03 | H | 2.0E-03 | I | V | | 1 | | 1.1E+04 | 2.4E-01 | c* | 1.2E+00 | c* | 3.6E-02 | c* | 1.8E-01 | c* | 4.5E-02 | c* | | 9.9E-06 | |
| Adiponitrile | 111-69-3 | | | | | | | 6.0E-03 | P | | | 1 | 0.1 | | 8.5E+06 | nm | 3.6E+07 | nm | 6.3E+00 | n | 2.6E+01 | n | | | | | |
| Alachlor | 15972-60-8 | 5.6E-02 | C | | | 1.0E-02 | I | | | | | 1 | 0.1 | | 8.7E+00 | c* | 3.1E+01 | c | | | | | 1.2E+00 | c | 2.0E+00 | 6.8E-04 | 1.1E-03 |
| ALAR | 1596-84-5 | | | | | 1.5E-01 | I | | | | | 1 | 0.1 | | 9.2E+03 | n | 9.2E+04 | n | | | | | 5.5E+03 | n | | 1.2E+00 | |
| Aldicarb | 116-06-3 | | | | | 1.0E-03 | I | | | | | 1 | 0.1 | | 6.1E+01 | n | 6.2E+02 | n | | | | | 3.7E+01 | n | | 9.7E-03 | |
| Aldicarb Sulfone | 1646-88-4 | | | | | 1.0E-03 | I | | | | | 1 | 0.1 | | 6.1E+01 | n | 6.2E+02 | n | | | | | 3.7E+01 | n | | 8.0E-03 | |
| Aldrin | 309-00-2 | 1.7E+01 | I | 4.9E-03 | I | 3.0E-05 | I | | | | | 1 | 0.1 | | 2.9E-02 | c* | 1.0E-01 | c | 5.0E-04 | c | 2.5E-03 | c | 4.0E-03 | c | | 8.4E-04 | |
| Ally | 74223-64-6 | | | | | 2.5E-01 | I | | | | | 1 | 0.1 | | 1.5E+04 | n | 1.5E+05 | nm | | | | | 9.1E+03 | n | | 3.1E+00 | |
| Allyl Alcohol | 107-18-6 | | | | | 5.0E-03 | I | 3.0E-04 | P | | | 1 | 0.1 | | 3.1E+02 | n | 3.1E+03 | n | 3.1E-01 | n | 1.3E+00 | n | 1.8E+02 | n | | 3.7E-02 | |
| Allyl Chloride | 107-05-1 | | | | | | | 1.0E-03 | I | V | | 1 | | 1.5E+03 | 1.8E+00 | n | 7.7E+00 | n | 1.0E+00 | n | 4.4E+00 | n | 2.1E+00 | n | | 6.8E-04 | |
| Aluminum | 7429-90-5 | | | | | 1.0E+00 | P | 5.0E-03 | P | | | 1 | | | 7.7E+04 | n | 9.9E+05 | nm | 5.2E+00 | n | 2.2E+01 | n | 3.7E+04 | n | | 5.5E+04 | |
| Aluminum Phosphide | 20859-73-8 | | | | | 4.0E-04 | I | | | | | 1 | | | 3.1E+01 | n | 4.1E+02 | n | | | | | 1.5E+01 | n | | | |
| Amdro | 67485-29-4 | | | | | 3.0E-04 | I | | | | | 1 | 0.1 | | 1.8E+01 | n | 1.8E+02 | n | | | | | 1.1E+01 | n | | 1.4E+04 | |
| Ametryn | 834-12-8 | | | | | 9.0E-03 | I | | | | | 1 | 0.1 | | 5.5E+02 | n | 5.5E+03 | n | | | | | 3.3E+02 | n | | 3.6E-01 | |
| Aminophenol, m- | 591-27-5 | | | | | 8.0E-02 | P | | | | | 1 | 0.1 | | 4.9E+03 | n | 4.9E+04 | n | | | | | 2.9E+03 | n | | 1.0E+00 | |
| Aminophenol, p- | 123-30-8 | | | | | 2.0E-02 | P | | | | | 1 | 0.1 | | 1.2E+03 | n | 1.2E+04 | n | | | | | 7.3E+02 | n | | 2.5E-01 | |
| Amitraz | 33089-61-1 | | | | | 2.5E-03 | I | | | | | 1 | 0.1 | | 1.5E+02 | n | 1.5E+03 | n | | | | | 9.1E+01 | n | | 1.2E+02 | |
| Ammonia | 7664-41-7 | | | | | | | 1.0E-01 | I | | | 1 | | | 1.4E+08 | nm | 6.0E+08 | nm | 1.0E+02 | n | 4.4E+02 | n | | | | | |
| Ammonium Perchlorate | 7790-98-9 | | | | | 7.0E-04 | I | | | | | 1 | | | 5.5E+01 | n | 7.2E+02 | n | | | | | 2.6E+01 | n | | | |
| Ammonium Sulfamate | 7773-06-0 | | | | | 2.0E-01 | I | | | | | 1 | | | 1.6E+04 | n | 2.0E+05 | nm | | | | | 7.3E+03 | n | | | |
| Aniline | 62-53-3 | 5.7E-03 | I | | | 7.0E-03 | P | 1.0E-03 | I | | | 1 | 0.1 | | 8.5E+01 | c** | 3.0E+02 | c* | 1.0E+00 | n | 4.4E+00 | n | 1.2E+01 | c* | | 3.4E-03 | |
| Antimony (metallic) | 7440-36-0 | | | | | 4.0E-04 | I | | | | | 0.15 | | | 3.1E+01 | n | 4.1E+02 | n | | | | | 1.5E+01 | n | 6.0E+00 | 6.6E-01 | 2.7E-01 |
| Antimony Pentoxide | 1314-60-9 | | | | | 5.0E-04 | H | | | | | 0.15 | | | 3.9E+01 | n | 5.1E+02 | n | | | | | 1.8E+01 | n | | | |
| Antimony Potassium Tartrate | 11071-15-1 | | | | | 9.0E-04 | H | | | | | 0.15 | | | 7.0E+01 | n | 9.2E+02 | n | | | | | 3.3E+01 | n | | | |
| Antimony Tetroxide | 1332-81-6 | | | | | 4.0E-04 | H | | | | | 0.15 | | | 3.1E+01 | n | 4.1E+02 | n | | | | | 1.5E+01 | n | | | |
| Antimony Trioxide | 1309-64-4 | | | | | 4.0E-04 | H | 2.0E-04 | I | | | 0.15 | | | 3.1E+01 | n | 4.1E+02 | n | 2.1E-01 | n | 8.8E-01 | n | 1.5E+01 | n | | | |
| Apollo | 74115-24-5 | | | | | 1.3E-02 | I | | | | | 1 | 0.1 | | 7.9E+02 | n | 8.0E+03 | n | | | | | 4.7E+02 | n | | 6.1E+02 | |
| Aramite | 140-57-8 | 2.5E-02 | I | 7.1E-06 | I | 5.0E-02 | H | | | | | 1 | 0.1 | | 1.9E+01 | c | 6.9E+01 | c | 3.4E-01 | c | 1.7E+00 | c | 2.7E+00 | c | | 1.1E-01 | |
| Arsenic, Inorganic | 7440-38-2 | 1.5E+00 | I | 4.3E-03 | I | 3.0E-04 | I | 3.0E-05 | C | | | 1 | 0.03 | | 3.9E-01 | c* | 1.6E+00 | c | 5.7E-04 | c* | 2.9E-03 | c* | 4.5E-02 | c | 1.0E+01 | 1.3E-03 | 2.9E-01 |
| Arsine | 7784-42-1 | | | | | | | 5.0E-05 | I | | | 1 | | | 7.1E+04 | n | 3.0E+05 | nm | 5.2E-02 | n | 2.2E-01 | n | | | | | |
| Assure | 76578-14-8 | | | | | 9.0E-03 | I | | | | | 1 | 0.1 | | 5.5E+02 | n | 5.5E+03 | n | | | | | 3.3E+02 | n | | 3.6E+00 | |
| Asulam | 3337-71-1 | | | | | 5.0E-02 | I | | | | | 1 | 0.1 | | 3.1E+03 | n | 3.1E+04 | n | | | | | 1.8E+03 | n | | 5.2E-01 | |
| Atrazine | 1912-24-9 | 2.3E-01 | C | | | 3.5E-02 | I | | | | | 1 | 0.1 | | 2.1E+00 | c | 7.5E+00 | c | | | | | 2.9E-01 | c | 3.0E+00 | 1.9E-04 | 2.0E-03 |
| Avermectin B1 | 65195-55-3 | | | | | 4.0E-04 | I | | | | | 1 | 0.1 | | 2.4E+01 | n | 2.5E+02 | n | | | | | 1.5E+01 | n | | 4.1E-02 | |
| Azobenzene | 103-33-3 | 1.1E-01 | I | 3.1E-05 | I | | | | | V | | 1 | | | 4.9E+00 | c | 2.2E+01 | c | 7.8E-02 | c | 4.0E-01 | c | 1.2E-01 | c | | 5.1E-04 | |
| Barium | 7440-39-3 | | | | | 2.0E-01 | I | 5.0E-04 | H | | | 0.07 | | | 1.5E+04 | n | 1.9E+05 | nm | 5.2E-01 | n | 2.2E+00 | n | 7.3E+03 | n | 2.0E+03 | 3.0E+02 | 8.2E+01 |
| Baygon | 114-26-1 | | | | | 4.0E-03 | I | | | | | 1 | 0.1 | | 2.4E+02 | n | 2.5E+03 | n | | | | | 1.5E+02 | n | | 4.2E-02 | |
| Bayleton | 43121-43-3 | | | | | 3.0E-02 | I | | | | | 1 | 0.1 | | 1.8E+03 | n | 1.8E+04 | n | | | | | 1.1E+03 | n | | 1.2E+01 | |
| Baythroid | 68359-37-5 | | | | | 2.5E-02 | I | | | | | 1 | 0.1 | | 1.5E+03 | n | 1.5E+04 | n | | | | | 9.1E+02 | n | | 3.3E+02 | |
| Benefin | 1861-40-1 | | | | | 3.0E-01 | I | | | | | 1 | 0.1 | | 1.8E+04 | n | 1.8E+05 | nm | | | | | 1.1E+04 | n | | 2.1E+02 | |
| Benomyl | 17804-35-2 | | | | | 5.0E-02 | I | | | | | 1 | 0.1 | | 3.1E+03 | n | 3.1E+04 | n | | | | | 1.8E+03 | n | | 2.3E+00 | |
| Bentazon | 25057-89-0 | | | | | 3.0E-02 | I | | | | | 1 | 0.1 | | 1.8E+03 | n | 1.8E+04 | n | | | | | 1.1E+03 | n | | 3.0E-01 | |
| Benzaldehyde | 100-52-7 | | | | | 1.0E-01 | I | | | V | | 1 | | 1.9E+03 | 7.8E+03 | ns | 1.0E+05 | nms | | | | | 3.7E+03 | n | | 9.7E-01 | |
| Benzene | 71-43-2 | 5.5E-02 | I | 7.8E-06 | I | 4.0E-03 | I | 3.0E-02 | I | V | | 1 | | 2.0E+03 | 1.1E+00 | c* | 5.6E+00 | c* | 3.1E-01 | c | 1.6E+00 | c* | 4.1E-01 | c | 5.0E+00 | 2.3E-04 | 2.8E-03 |
| Benzenethiol | 108-98-5 | | | | | 1.0E-05 | H | | | V | | 1 | | 1.4E+03 | 7.8E-01 | n | 1.0E+01 | n | | | | | 3.7E-01 | n | | 2.7E-04 | |
| Benzidine | 92-87-5 | 2.3E+02 | I | 6.7E-02 | I | 3.0E-03 | I | | | | M | 1 | 0.1 | | 5.0E-04 | c | 7.5E-03 | c | 1.4E-05 | c | 1.8E-04 | c | 9.4E-05 | c | | 5.3E-07 | |
| Benzoic Acid | 65-85-0 | | | | | 4.0E+00 | I | | | | | 1 | 0.1 | | 2.4E+05 | nm | 2.5E+06 | nm | | | | | 1.5E+05 | n | | 3.3E+01 | |
| Benzotrichloride | 98-07-7 | 1.3E+01 | I | | | | | | | V | | 1 | | 1.6E+02 | 4.9E-02 | c | 2.2E-01 | c | | | | | 5.2E-03 | c | | 1.3E-05 | |
| Benzyl Alcohol | 100-51-6 | | | | | 5.0E-01 | P | | | | | 1 | 0.1 | | 3.1E+04 | n | 3.1E+05 | nm | | | | | 1.8E+04 | n | | 4.2E+00 | |
| Benzyl Chloride | 100-44-7 | 1.7E-01 | I | | | 2.0E-03 | P | 1.0E-03 | P | V | | 1 | | 6.4E+01 | 3.8E+00 | c** | 1.7E+01 | c** | 1.0E+00 | n | 4.4E+00 | n | 4.0E-01 | c** | | 4.9E-04 | |
| Beryllium and compounds | 7440-41-7 | | | 2.4E-03 | I | 2.0E-03 | I | 2.0E-05 | I | | | 0.007 | | | 1.6E+02 | n | 2.0E+03 | n | 1.0E-03 | c* | 5.1E-03 | c* | 7.3E+01 | n | 4.0E+00 | 5.8E+01 | 3.2E+00 |
| Bidrin | 141-66-2 | | | | | 1.0E-04 | I | | | | | 1 | 0.1 | | 6.1E+00 | n | 6.2E+01 | n | | | | | 3.7E+00 | n | | 3.4E-03 | |
| Bifenox | 42576-02-3 | | | | | 9.0E-03 | P | | | | | 1 | 0.1 | | 5.5E+02 | n | 5.5E+03 | n | | | | | 3.3E+02 | n | | 2.6E+00 | |

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; H = HEAST; W = WHO; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are bsed on DAF=1

| Contaminant | | Toxicity and Chemical-specific Information | | | | | | | | | | | | | Screening Levels | | | | | | | | | | Protection of Groundwater | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | CAS No. | SFO (mg/kg-day)$^{-1}$ | key | IUR (ug/m$^3$)$^{-1}$ | key | RfDo (mg/kg-day) | key | RfCi (mg/m$^3$) | key | voc | mutagen | RAGS Part E GIABS | RAGS Part E ABS | Csat mg/kg | Residential Soil mg/kg | key | Industrial Soil mg/kg | key | Residential Air ug/m$^3$ | key | Industrial Air ug/m$^3$ | key | Tapwater ug/L | key | MCL ug/L | Risk-based SSL mg/kg | MCL-based SSL mg/kg |
| Biphenthrin | 82657-04-3 | | | | | 1.5E-02 | I | | | | | 1 | 0.1 | | 9.2E+02 | n | 9.2E+03 | n | | | | | 5.5E+02 | n | | 3.5E+03 | |
| Biphenyl, 1,1'- | 92-52-4 | | | | | 5.0E-02 | I | | | V | | 1 | | 2.6E+02 | 3.9E+03 | ns | 5.1E+04 | ns | | | | | 1.8E+03 | n | | 2.3E+01 | |
| Bis(2-chloroethoxy)methane | 111-91-1 | | | | | 3.0E-03 | P | | | | | 1 | 0.1 | | 1.8E+02 | n | 1.8E+03 | n | | | | | 1.1E+02 | n | | 2.3E-02 | |
| Bis(2-chloroethyl)ether | 111-44-4 | 1.1E+00 | I | 3.3E-04 | I | | | | | V | | 1 | | 3.3E+03 | 1.9E-01 | c | 9.0E-01 | c | 7.4E-03 | c | 3.7E-02 | c | 1.2E-02 | c | | 2.7E-06 | |
| Bis(2-chloro-1-methylethyl) ether | 108-60-1 | 7.0E-02 | H | 1.0E-05 | H | 4.0E-02 | I | | | V | | 1 | | 5.7E+02 | 3.5E+00 | c | 1.7E+01 | c | 2.4E-01 | c | 1.2E+00 | c | 3.2E-01 | c | | 9.0E-05 | |
| Bis(2-ethylhexyl)phthalate | 117-81-7 | 1.4E-02 | I | | | 2.0E-02 | I | | | | | 1 | 0.1 | | 3.5E+01 | c* | 1.2E+02 | c* | | | | | 4.8E+00 | c | 6.0E+00 | 1.6E+00 | 2.0E+00 |
| Bis(chloromethyl)ether | 542-88-1 | 2.2E+02 | I | 6.2E-02 | I | | | | | V | | 1 | | 2.8E+03 | 2.7E-04 | c | 1.3E-03 | c | 3.9E-05 | c | 2.0E-04 | c | 6.2E-05 | c | | 1.3E-08 | |
| Bisphenol A | 80-05-7 | | | | | 5.0E-02 | I | | | | | 1 | 0.1 | | 3.1E+03 | n | 3.1E+04 | n | | | | | 1.8E+03 | n | | 2.7E+02 | |
| Boron And Borates Only | 7440-42-8 | | | | | 2.0E-01 | I | 2.0E-02 | H | | | 1 | | | 1.6E+04 | n | 2.0E+05 | nm | 2.1E+01 | n | 8.8E+01 | n | 7.3E+03 | n | | 2.3E+01 | |
| Boron Trifluoride | 7637-07-2 | | | | | | | 7.0E-04 | H | | | 1 | | | 9.9E+05 | nm | 4.2E+06 | nm | 7.3E-01 | n | 3.1E+00 | n | | | | | |
| Bromate | 15541-45-4 | 7.0E-01 | I | | | 4.0E-03 | I | | | | | 1 | | | 9.1E-01 | c | 4.1E+00 | c | | | | | 9.6E-02 | c | 1.0E+01 | 7.4E-04 | 7.7E-02 |
| Bromobenzene | 108-86-1 | | | | | 2.0E-02 | P | 1.0E-02 | P | V | | 1 | | 7.7E+02 | 9.4E+01 | n | 4.1E+02 | n | 1.0E+01 | n | 4.4E+01 | n | 2.0E+01 | n | | 1.5E-02 | |
| Bromodichloromethane | 75-27-4 | 6.2E-02 | I | | | 2.0E-02 | I | | | V | | 1 | | 9.9E+02 | 1.0E+01 | c | 4.6E+01 | c | | | | | 1.1E+00 | c | | 3.0E-04 | |
| Bromoform | 75-25-2 | 7.9E-03 | I | 1.1E-06 | I | 2.0E-02 | I | | | | | 1 | 0.1 | | 6.1E+01 | c* | 2.2E+02 | c* | 2.2E+00 | c | 1.1E+01 | c | 8.5E+00 | c* | | 2.3E-03 | |
| Bromomethane | 74-83-9 | | | | | 1.4E-03 | I | 5.0E-03 | I | V | | 1 | | 3.6E+03 | 7.9E+00 | n | 3.5E+01 | n | 5.2E+00 | n | 2.2E+01 | n | 8.7E+00 | n | | 2.2E-03 | |
| Bromophos | 2104-96-3 | | | | | 5.0E-03 | H | | | | | 1 | 0.1 | | 3.1E+02 | n | 3.1E+03 | n | | | | | 1.8E+02 | n | | 7.7E-01 | |
| Bromoxynil | 1689-84-5 | | | | | 2.0E-02 | I | | | | | 1 | 0.1 | | 1.2E+03 | n | 1.2E+04 | n | | | | | 7.3E+02 | n | | 7.8E-01 | |
| Bromoxynil Octanoate | 1689-99-2 | | | | | 2.0E-02 | I | | | | | 1 | 0.1 | | 1.2E+03 | n | 1.2E+04 | n | | | | | 7.3E+02 | n | | 7.2E+00 | |
| Butadiene, 1,3- | 106-99-0 | | | 3.0E-05 | I | | | 2.0E-03 | I | V | | 1 | | 6.9E+02 | 7.7E-02 | c* | 3.9E-01 | c* | 8.1E-02 | c* | 4.1E-01 | c* | 1.6E-01 | c* | | 9.0E-05 | |
| Butanol, N- | 71-36-3 | | | | | 1.0E-01 | I | | | | | 1 | 0.1 | | 6.1E+03 | n | 6.2E+04 | n | | | | | 3.7E+03 | n | | 7.5E-01 | |
| Butyl Benzyl Phthlate | 85-68-7 | 1.9E-03 | P | | | 2.0E-01 | I | | | | | 1 | 0.1 | | 2.6E+02 | c* | 9.1E+02 | c | | | | | 3.5E+01 | c | | 6.7E-01 | |
| Butylate | 2008-41-5 | | | | | 5.0E-02 | I | | | | | 1 | 0.1 | | 3.1E+03 | n | 3.1E+04 | n | | | | | 1.8E+03 | n | | 2.6E+00 | |
| Butylphthalyl Butylglycolate | 85-70-1 | | | | | 1.0E+00 | I | | | | | 1 | 0.1 | | 6.1E+04 | n | 6.2E+05 | nm | | | | | 3.7E+04 | n | | 1.1E+03 | |
| Cacodylic Acid | 75-60-5 | | | | | 2.0E-02 | A | | | | | 1 | 0.1 | | 1.2E+03 | n | 1.2E+04 | n | | | | | 7.3E+02 | n | | | |
| Cadmium (Diet) | 7440-43-9 | | | 1.8E-03 | I | 1.0E-03 | I | | | | | 0.025 | 0.001 | | 7.0E+01 | n | 8.1E+02 | n | | | | | | | | | |
| Cadmium (Water) | 7440-43-9 | | | 1.8E-03 | I | 5.0E-04 | I | | | | | 0.05 | 0.001 | | | | | | 1.4E-03 | c | 6.8E-03 | c | 1.8E+01 | n | 5.0E+00 | 1.4E+00 | 3.8E-01 |
| Caprolactam | 105-60-2 | | | | | 5.0E-01 | I | | | | | 1 | 0.1 | | 3.1E+04 | n | 3.1E+05 | nm | | | | | 1.8E+04 | n | | 5.7E+00 | |
| Captafol | 2425-06-1 | 1.5E-01 | C | 4.3E-05 | C | 2.0E-03 | I | | | | | 1 | 0.1 | | 3.2E+00 | c* | 1.1E+01 | c | 5.7E-02 | c | 2.9E-01 | c | 4.5E-01 | c | | 2.5E-03 | |
| Captan | 133-06-2 | 2.3E-03 | C | 6.6E-07 | C | 1.3E-01 | I | | | | | 1 | 0.1 | | 2.1E+02 | c* | 7.5E+02 | c | 3.7E+00 | c | 1.9E+01 | c | 2.9E+01 | c | | 5.6E-02 | |
| Carbaryl | 63-25-2 | | | | | 1.0E-01 | I | | | | | 1 | 0.1 | | 6.1E+03 | n | 6.2E+04 | n | | | | | 3.7E+03 | n | | 2.5E+00 | |
| Carbofuran | 1563-66-2 | | | | | 5.0E-03 | I | | | | | 1 | 0.1 | | 3.1E+02 | n | 3.1E+03 | n | | | | | 1.8E+02 | n | 4.0E+01 | 6.2E-02 | 1.4E-02 |
| Carbon Disulfide | 75-15-0 | | | | | 1.0E-01 | I | 7.0E-01 | I | V | | 1 | | 2.6E+02 | 6.7E+02 | ns | 3.0E+03 | ns | 7.3E+02 | n | 3.1E+03 | n | 1.0E+03 | n | | 2.7E-01 | |
| Carbon Tetrachloride | 56-23-5 | 1.3E-01 | I | 1.5E-05 | I | 7.0E-04 | I | 1.9E-01 | A | V | | 1 | | 4.8E+02 | 2.5E-01 | c | 1.3E+00 | c | 1.6E-01 | c | 8.2E-01 | c | 2.0E-01 | c | 5.0E+00 | 7.9E-05 | 2.0E-03 |
| Carbosulfan | 55285-14-8 | | | | | 1.0E-02 | I | | | | | 1 | 0.1 | | 6.1E+02 | n | 6.2E+03 | n | | | | | 3.7E+02 | n | | 1.1E+01 | |
| Carboxin | 5234-68-4 | | | | | 1.0E-01 | I | | | | | 1 | 0.1 | | 6.1E+03 | n | 6.2E+04 | n | | | | | 3.7E+03 | n | | 1.3E+00 | |
| Chloral Hydrate | 302-17-0 | | | | | 1.0E-01 | I | | | | | 1 | 0.1 | | 6.1E+03 | n | 6.2E+04 | n | | | | | 3.7E+03 | n | | 7.4E-01 | |
| Chloramben | 133-90-4 | | | | | 1.5E-02 | I | | | | | 1 | 0.1 | | 9.2E+02 | n | 9.2E+03 | n | | | | | 5.5E+02 | n | | 1.2E-01 | |
| Chloranil | 118-75-2 | 4.0E-01 | H | | | | | | | | | 1 | 0.1 | | 1.2E+00 | c | 4.3E+00 | c | | | | | 1.7E-01 | c | | 3.7E-05 | |
| Chlordane | 12789-03-6 | 3.5E-01 | I | 1.0E-04 | I | 5.0E-04 | I | 7.0E-04 | I | | | 1 | 0.04 | | 1.6E+00 | c* | 6.5E+00 | c* | 2.4E-02 | c* | 1.2E-01 | c* | 1.9E-01 | c* | 2.0E+00 | 3.3E-02 | 3.5E-01 |
| Chlordecone (Kepone) | 143-50-0 | 1.6E+01 | C | 4.6E-03 | C | | | | | | | 1 | 0.1 | | 3.0E-02 | c | 1.1E-01 | c | 5.3E-04 | c | 2.7E-03 | c | 4.2E-03 | c | | 1.5E-04 | |
| Chlorimuron, Ethyl- | 90982-32-4 | | | | | 2.0E-02 | I | | | | | 1 | 0.1 | | 1.2E+03 | n | 1.2E+04 | n | | | | | 7.3E+02 | n | | 2.6E-01 | |
| Chlorine | 7782-50-5 | | | | | 1.0E-01 | I | 1.5E-04 | A | | | 1 | | | 7.5E+03 | n | 9.1E+04 | n | 1.5E-01 | n | 6.4E-01 | n | 3.7E+03 | n | | 1.6E+00 | |
| Chlorine Dioxide | 10049-04-4 | | | | | 3.0E-02 | I | 2.0E-04 | I | | | 1 | | | 2.3E+03 | n | 3.0E+04 | n | 2.1E-01 | n | 8.8E-01 | n | 1.1E+03 | n | | | |
| Chlorite (Sodium Salt) | 7758-19-2 | | | | | 3.0E-02 | I | | | | | 1 | | | 2.3E+03 | n | 3.1E+04 | n | | | | | 1.1E+03 | n | | | |
| Chloro-1,1-difluoroethane, 1- | 75-68-3 | | | | | | | 5.0E+01 | I | V | | 1 | | 1.2E+03 | 5.9E+04 | ns | 2.5E+05 | nms | 5.2E+04 | n | 2.2E+05 | n | 1.0E+05 | n | | 5.3E+01 | |
| Chloro-1,3-butadiene, 2- | 126-99-8 | | | | | 2.0E-02 | H | 7.0E-03 | H | V | | 1 | | 8.2E+02 | 8.6E+00 | n | 3.6E+01 | n | 7.3E+00 | n | 3.1E+01 | n | 1.4E+01 | n | | 7.7E-03 | |
| Chloro-2-methylaniline HCl, 4- | 3165-93-3 | 4.6E-01 | H | | | | | | | | | 1 | 0.1 | | 1.1E+00 | c | 3.7E+00 | c | | | | | 1.5E-01 | c | | 6.4E-05 | |
| Chloro-2-methylaniline, 4- | 95-69-2 | 2.7E-01 | C | 7.7E-05 | C | | | | | | | 1 | 0.1 | | 1.8E+00 | c | 6.4E+00 | c | 3.2E-02 | c | 1.6E-01 | c | 2.5E-01 | c | | 1.1E-04 | |
| Chloroacetic Acid | 79-11-8 | | | | | 2.0E-03 | H | | | | | 1 | 0.1 | | 1.2E+02 | n | 1.2E+03 | n | | | | | 7.3E+01 | n | | 1.5E-02 | |
| Chloroacetophenone, 2- | 532-27-4 | | | | | | | 3.0E-05 | I | | | 1 | 0.1 | | 4.3E+04 | n | 1.8E+05 | nm | 3.1E-02 | n | 1.3E-01 | n | | | | | |
| Chloroaniline, p- | 106-47-8 | 5.4E-02 | P | | | 4.0E-03 | I | | | | | 1 | 0.1 | | 9.0E+00 | c* | 3.2E+01 | c* | | | | | 1.2E+00 | c | | 4.3E-04 | |
| Chlorobenzene | 108-90-7 | | | | | 2.0E-02 | I | 5.0E-02 | P | V | | 1 | | 8.6E+02 | 3.1E+02 | n | 1.5E+03 | ns | 5.2E+01 | n | 2.2E+02 | n | 9.1E+01 | n | 1.0E+02 | 6.8E-02 | 7.5E-02 |
| Chlorobenzilate | 510-15-6 | 1.1E-01 | C | 3.1E-05 | C | 2.0E-02 | I | | | | | 1 | 0.1 | | 4.4E+00 | c | 1.6E+01 | c | 7.8E-02 | c | 4.0E-01 | c | 6.1E-01 | c | | 1.7E-03 | |
| Chlorobenzotrifluoride, 4- | 98-56-6 | | | | | 3.0E-03 | P | 3.0E-01 | P | V | | 1 | | 5.5E+02 | 2.1E+02 | n | 2.4E+03 | ns | 3.1E+02 | n | 1.3E+03 | n | 9.3E+01 | n | | 3.9E-01 | |
| Chlorobutane, 1- | 109-69-3 | | | | | 4.0E-02 | P | | | V | | 1 | | 7.9E+02 | 3.1E+03 | ns | 4.1E+04 | ns | | | | | 1.5E+03 | n | | 6.2E-01 | |
| Chlorodifluoromethane | 75-45-6 | | | | | | | 5.0E+01 | I | V | | 1 | | 1.7E+03 | 5.3E+04 | ns | 2.2E+05 | nms | 5.2E+04 | n | 2.2E+05 | n | 1.0E+05 | n | | 4.4E+01 | |
| Chloroform | 67-66-3 | 3.1E-02 | C | 2.3E-05 | I | 1.0E-02 | I | 9.8E-02 | A | V | | 1 | | 2.7E+03 | 3.0E-01 | c | 1.5E+00 | c | 1.1E-01 | c | 5.3E-01 | c | 1.9E-01 | c | | 5.5E-05 | |
| Chloromethane | 74-87-3 | 1.3E-02 | H | 1.8E-06 | H | | | 9.0E-02 | I | V | | 1 | | 1.4E+03 | 1.7E+00 | c* | 8.4E+00 | c* | 1.4E+00 | c* | 6.8E+00 | c* | 1.8E+00 | c | | 4.6E-04 | |
| Chloronaphthalene, Beta- | 91-58-7 | | | | | 8.0E-02 | I | | | V | | 1 | | 2.1E+02 | 6.3E+03 | ns | 8.2E+04 | ns | | | | | 2.9E+03 | n | | 1.8E+01 | |
| Chloronitrobenzene, o- | 88-73-3 | 9.7E-03 | P | | | 1.0E-03 | P | 7.0E-05 | P | | | 1 | 0.1 | | 5.0E+01 | c** | 1.8E+02 | c** | 7.3E-02 | n | 3.1E-01 | n | 6.9E+00 | c** | | 5.8E-03 | |
| Chloronitrobenzene, p- | 100-00-5 | 6.3E-03 | P | | | 1.0E-03 | P | 6.0E-04 | P | | | 1 | 0.1 | | 6.1E+01 | n | 2.7E+02 | c** | 6.3E-01 | n | 2.6E+00 | n | 1.1E+01 | c** | | 8.7E-03 | |
| Chlorophenol, 2- | 95-57-8 | | | | | 5.0E-03 | I | | | V | | 1 | | 7.9E+04 | 3.9E+02 | n | 5.1E+03 | n | | | | | 1.8E+02 | n | | 2.0E-01 | |
| Chlorothalonil | 1897-45-6 | 3.1E-03 | C | 8.9E-07 | C | 1.5E-02 | I | | | | | 1 | 0.1 | | 1.6E+02 | c** | 5.6E+02 | c* | 2.7E+00 | c | 1.4E+01 | c | 2.2E+01 | c* | | 1.1E-01 | |

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; H = HEAST; W = WHO; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are bsed on DAF=1

| Contaminant | | Toxicity and Chemical-specific Information | | | | | | | | | | | | Screening Levels | | | | | | | | | | Protection of Groundwater | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | CAS No. | SFO (mg/kg-day)$^{-1}$ | key | IUR (ug/m$^3$)$^{-1}$ | key | RfDo (mg/kg-day) | key | RfCi (mg/m$^3$) | key | voc | mutagen | RAGS Part E GIABS | RAGS Part E ABS | Csat mg/kg | Residential Soil mg/kg | key | Industrial Soil mg/kg | key | Residential Air ug/m$^3$ | key | Industrial Air ug/m$^3$ | key | Tapwater ug/L | key | MCL ug/L | Risk-based SSL mg/kg | MCL-based SSL mg/kg |
| Chlorotoluene, o- | 95-49-8 | | | | | 2.0E-02 | I | | | V | | 1 | | 1.0E+03 | 1.6E+03 | ns | 2.0E+04 | ns | | | | | 7.3E+02 | n | | 8.0E-01 | |
| Chlorotoluene, p- | 106-43-4 | | | | | 7.0E-02 | P | | | V | | 1 | | 2.9E+02 | 5.5E+03 | ns | 7.2E+04 | ns | | | | | 2.6E+03 | n | | 2.8E+00 | |
| Chlorpropham | 101-21-3 | | | | | 2.0E-01 | I | | | | | 1 | 0.1 | | 1.2E+04 | n | 1.2E+05 | nm | | | | | 7.3E+03 | n | | 4.5E+00 | |
| Chlorpyrifos | 2921-88-2 | | | | | 3.0E-03 | I | | | | | 1 | 0.1 | | 1.8E+02 | n | 1.8E+03 | n | | | | | 1.1E+02 | n | | 1.5E+00 | |
| Chlorpyrifos Methyl | 5598-13-0 | | | | | 1.0E-02 | H | | | | | 1 | 0.1 | | 6.1E+02 | n | 6.2E+03 | n | | | | | 3.7E+02 | n | | 1.5E+00 | |
| Chlorsulfuron | 64902-72-3 | | | | | 5.0E-02 | I | | | | | 1 | 0.1 | | 3.1E+03 | n | 3.1E+04 | n | | | | | 1.8E+03 | n | | 1.2E+00 | |
| Chlorthiophos | 60238-56-4 | | | | | 8.0E-04 | H | | | | | 1 | 0.1 | | 4.9E+01 | n | 4.9E+02 | n | | | | | 2.9E+01 | n | | 7.8E-01 | |
| Chromium (III) (Insoluble Salts) | 16065-83-1 | | | | | 1.5E+00 | I | | | | | 0.013 | | | 1.2E+05 | nm | 1.5E+06 | nm | | | | | 5.5E+04 | n | | 9.9E+07 | |
| Chromium VI (chromic acid mists) | 18540-29-9 | | | 8.4E-02 | I | 3.0E-03 | I | 8.0E-06 | I | | | 1 | | | | | | | 2.9E-05 | c | 1.5E-04 | c | 1.1E+02 | n | | 2.1E+00 | |
| Chromium VI (particulates) | 18540-29-9 | | | 8.4E-02 | I | 3.0E-03 | I | 1.0E-04 | I | | | 0.025 | | | 3.9E+01 | c** | 2.0E+02 | c* | 2.9E-05 | c | 1.5E-04 | c | | | | | |
| Chromium, Total (1:6 ratio Cr VI : Cr III) | 7440-47-3 | | | 1.2E-02 | I | | | | | | M | 0.013 | | | 2.8E+02 | c | 1.4E+03 | c | 2.0E-04 | c | 1.0E-03 | c | | | | | |
| Cobalt | 7440-48-4 | | | 9.0E-03 | P | 3.0E-04 | P | 6.0E-06 | P | | | 1 | | | 2.3E+01 | n | 3.0E+02 | n | 2.7E-04 | c* | 1.4E-03 | c* | 1.1E+01 | n | | 4.9E-01 | |
| Coke Oven Emissions | 8007-45-2 | | | 6.2E-04 | I | | | | | | M | 1 | 0.1 | | | | | | 1.5E-03 | c | 2.0E-02 | c | | | | | |
| Copper | 7440-50-8 | | | | | 4.0E-02 | H | | | | | 1 | | | 3.1E+03 | n | 4.1E+04 | n | | | | | 1.5E+03 | n | 1.3E+03 | 5.1E+01 | 4.6E+01 |
| Cresol, m- | 108-39-4 | | | | | 5.0E-02 | I | | | | | 1 | 0.1 | | 3.1E+03 | n | 3.1E+04 | n | | | | | 1.8E+03 | n | | 1.9E+00 | |
| Cresol, o- | 95-48-7 | | | | | 5.0E-02 | I | | | | | 1 | 0.1 | | 3.1E+03 | n | 3.1E+04 | n | | | | | 1.8E+03 | n | | 2.0E+00 | |
| Cresol, p- | 106-44-5 | | | | | 5.0E-03 | H | | | | | 1 | 0.1 | | 3.1E+02 | n | 3.1E+03 | n | | | | | 1.8E+02 | n | | 1.9E-01 | |
| Crotonaldehyde, trans- | 123-73-9 | 1.9E+00 | H | | | | | | | V | | 1 | | 2.4E+04 | 3.4E-01 | c | 1.5E+00 | c | | | | | 3.5E-02 | c | | 7.4E-06 | |
| Cumene | 98-82-8 | | | | | 1.0E-01 | I | 4.0E-01 | I | V | | 1 | | 3.1E+02 | 2.2E+03 | ns | 1.1E+04 | ns | 4.2E+02 | n | 1.8E+03 | n | 6.8E+02 | n | | 1.3E+00 | |
| Cyanazine | 21725-46-2 | 8.4E-01 | H | | | 2.0E-03 | H | | | | | 1 | 0.1 | | 5.8E-01 | c | 2.1E+00 | c | | | | | 8.0E-02 | c | | 3.6E-05 | |
| Cyclohexane | 110-82-7 | | | | | | | 6.0E+00 | I | V | | 1 | | 1.2E+02 | 7.2E+03 | ns | 3.0E+04 | ns | 6.3E+03 | n | 2.6E+04 | n | 1.3E+04 | n | | 1.3E+01 | |
| Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro- | 87-84-3 | 2.3E-02 | H | | | | | | | | | 1 | 0.1 | | 2.1E+01 | c | 7.5E+01 | c | | | | | 2.9E+00 | c | | 2.0E-02 | |
| Cyclohexanone | 108-94-1 | | | | | 5.0E+00 | I | | | | | 1 | 0.1 | | 3.1E+05 | nm | 3.1E+06 | nm | | | | | 1.8E+05 | n | | 4.2E+01 | |
| Cyclohexylamine | 108-91-8 | | | | | 2.0E-01 | I | | | | | 1 | 0.1 | | 1.2E+04 | n | 1.2E+05 | nm | | | | | 7.3E+03 | n | | 2.0E+00 | |
| Cyhalothrin/karate | 68085-85-8 | | | | | 5.0E-03 | I | | | | | 1 | 0.1 | | 3.1E+02 | n | 3.1E+03 | n | | | | | 1.8E+02 | n | | 1.7E+02 | |
| Cypermethrin | 52315-07-8 | | | | | 1.0E-02 | I | | | | | 1 | 0.1 | | 6.1E+02 | n | 6.2E+03 | n | | | | | 3.7E+02 | n | | 7.9E+01 | |
| Cyromazine | 66215-27-8 | | | | | 7.5E-03 | I | | | | | 1 | 0.1 | | 4.6E+02 | n | 4.6E+03 | n | | | | | 2.7E+02 | n | | 6.6E-02 | |
| **Cyanides** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calcium Cyanide | 592-01-8 | | | | | 4.0E-02 | I | | | | | 1 | | | 3.1E+03 | n | 4.1E+04 | n | | | | | 1.5E+03 | n | | | |
| Copper Cyanide | 544-92-3 | | | | | 5.0E-03 | I | | | | | 1 | | | 3.9E+02 | n | 5.1E+03 | n | | | | | 1.8E+02 | n | | | |
| Cyanide (CN-) | 57-12-5 | | | | | 2.0E-02 | I | | | | | 1 | | | 1.6E+03 | n | 2.0E+04 | n | | | | | 7.3E+02 | n | 2.0E+02 | 7.4E+00 | 2.0E+00 |
| Cyanogen | 460-19-5 | | | | | 4.0E-02 | I | | | V | | 1 | | | 3.1E+03 | n | 4.1E+04 | n | | | | | 1.5E+03 | n | | | |
| Cyanogen Bromide | 506-68-3 | | | | | 9.0E-02 | I | | | V | | 1 | | | 7.0E+03 | n | 9.2E+04 | n | | | | | 3.3E+03 | n | | | |
| Cyanogen Chloride | 506-77-4 | | | | | 5.0E-02 | I | | | V | | 1 | | | 3.9E+03 | n | 5.1E+04 | n | | | | | 1.8E+03 | n | | | |
| Hydrogen Cyanide | 74-90-8 | | | | | 2.0E-02 | I | 3.0E-03 | I | V | | 1 | | | 1.6E+03 | n | 2.0E+04 | n | 3.1E+00 | n | 1.3E+01 | n | 6.2E+00 | n | | | |
| Potassium Cyanide | 151-50-8 | | | | | 5.0E-02 | I | | | | | 1 | | | 3.9E+03 | n | 5.1E+04 | n | | | | | 1.8E+03 | n | | | |
| Potassium Silver Cyanide | 506-61-6 | | | | | 2.0E-01 | I | | | | | 0.04 | | | 1.6E+04 | n | 2.0E+05 | nm | | | | | 7.3E+03 | n | | | |
| Silver Cyanide | 506-64-9 | | | | | 1.0E-01 | I | | | | | 0.04 | | | 7.8E+03 | n | 1.0E+05 | nm | | | | | 3.7E+03 | n | | | |
| Sodium Cyanide | 143-33-9 | | | | | 4.0E-02 | I | | | | | 1 | | | 3.1E+03 | n | 4.1E+04 | n | | | | | 1.5E+03 | n | | | |
| Thiocyanate | 463-56-9 | | | | | 2.0E-04 | P | | | V | | 1 | | 5.6E+03 | 1.6E+01 | n | 2.0E+02 | n | | | | | 7.3E+00 | n | | 1.5E-03 | |
| Zinc Cyanide | 557-21-1 | | | | | 5.0E-02 | I | | | | | 1 | | | 3.9E+03 | n | 5.1E+04 | n | | | | | 1.8E+03 | n | | | |
| Dacthal | 1861-32-1 | | | | | 1.0E-02 | I | | | | | 1 | 0.1 | | 6.1E+02 | n | 6.2E+03 | n | | | | | 3.7E+02 | n | | 2.8E-01 | |
| Dalapon | 75-99-0 | | | | | 3.0E-02 | I | | | | | 1 | 0.1 | | 1.8E+03 | n | 1.8E+04 | n | | | | | 1.1E+03 | n | 2.0E+02 | 2.2E-01 | 4.1E-02 |
| DDD | 72-54-8 | 2.4E-01 | I | | | | | | | | | 1 | 0.1 | | 2.0E+00 | c | 7.2E+00 | c | | | | | 2.8E-01 | c | | 8.6E-02 | |
| DDE, p,p'- | 72-55-9 | 3.4E-01 | I | | | | | | | | | 1 | 0.1 | | 1.4E+00 | c | 5.1E+00 | c | | | | | 2.0E-01 | c | | 6.0E-02 | |
| DDT | 50-29-3 | 3.4E-01 | I | 9.7E-05 | I | 5.0E-04 | I | | | | | 1 | 0.03 | | 1.7E+00 | c* | 7.0E+00 | c* | 2.5E-02 | c | 1.3E-01 | c | 2.0E-01 | c* | | 8.7E-02 | |
| Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209) | 1163-19-5 | 7.0E-04 | I | | | 7.0E-03 | I | | | | | 1 | 0.1 | | 4.3E+02 | n | 2.5E+03 | c** | | | | | 9.6E+01 | c** | | 7.8E+01 | |
| Demeton | 8065-48-3 | | | | | 4.0E-05 | I | | | | | 1 | 0.1 | | 2.4E+00 | n | 2.5E+01 | n | | | | | 1.5E+00 | n | | | |
| Di(2-ethylhexyl)adipate | 103-23-1 | 1.2E-03 | I | | | 6.0E-01 | I | | | | | 1 | 0.1 | | 4.0E+02 | c* | 1.4E+03 | c | | | | | 5.6E+01 | c | 4.0E+02 | 5.5E+00 | 3.9E+01 |
| Diallate | 2303-16-4 | 6.1E-02 | H | | | | | | | | | 1 | 0.1 | | 8.0E+00 | c | 2.8E+01 | c | | | | | 1.1E+00 | c | | 2.5E-03 | |
| Diazinon | 333-41-5 | | | | | 9.0E-04 | H | | | | | 1 | 0.1 | | 5.5E+01 | n | 5.5E+02 | n | | | | | 3.3E+01 | n | | 9.4E-02 | |
| Dibromo-3-chloropropane, 1,2- | 96-12-8 | 8.0E-01 | P | 6.0E-03 | P | 2.0E-04 | P | 2.0E-04 | I | V | M | 1 | | 1.1E+03 | 5.6E-03 | c | 7.3E-02 | c | 1.6E-04 | c | 2.0E-03 | c | 3.2E-04 | c | 2.0E-01 | 1.5E-07 | 9.2E-05 |
| Dibromobenzene, 1,4- | 106-37-6 | | | | | 1.0E-02 | I | | | | | 1 | 0.1 | | 6.1E+02 | n | 6.2E+03 | n | | | | | 3.7E+02 | n | | 3.9E-01 | |
| Dibromochloromethane | 124-48-1 | 8.4E-02 | I | | | 2.0E-02 | I | | | V | | 1 | 0.1 | 8.5E+02 | 5.8E+00 | c | 2.1E+01 | c | | | | | 8.0E-01 | c | | 2.2E-04 | |
| Dibromoethane, 1,2- | 106-93-4 | 2.0E+00 | I | 6.0E-04 | I | 9.0E-03 | I | 9.0E-03 | I | V | | 1 | | 1.4E+03 | 3.4E-02 | c | 1.7E-01 | c | 4.1E-03 | c | 2.0E-02 | c | 6.5E-03 | c | 5.0E-02 | 1.9E-06 | 1.5E-05 |
| Dibromomethane (Methylene Bromide) | 74-95-3 | | | | | 1.0E-02 | H | | | V | | 1 | | 3.0E+03 | 7.8E+02 | n | 1.0E+04 | ns | | | | | 3.7E+02 | n | | 9.1E-02 | |
| Dibutyl Phthalate | 84-74-2 | | | | | 1.0E-01 | I | | | | | 1 | 0.1 | | 6.1E+03 | n | 6.2E+04 | n | | | | | 3.7E+03 | n | | 1.1E+01 | |
| Dibutyltin Compounds | NA | | | | | 3.0E-04 | P | | | | | 1 | 0.1 | | 1.8E+01 | n | 1.8E+02 | n | | | | | 1.1E+01 | n | | | |
| Dicamba | 1918-00-9 | | | | | 3.0E-02 | I | | | | | 1 | 0.1 | | 1.8E+03 | n | 1.8E+04 | n | | | | | 1.1E+03 | n | | 2.8E-01 | |
| Dichloro-2-butene, 1,4- | 764-41-0 | | | 2.6E-03 | H | | | | | V | | 1 | | 6.1E+02 | 3.2E-03 | c | 1.6E-02 | c | 9.4E-04 | c | 4.7E-03 | c | 1.9E-03 | c | | 9.9E-07 | |
| Dichloroacetic Acid | 79-43-6 | 5.0E-02 | I | | | 4.0E-03 | I | | | | | 1 | 0.1 | | 9.7E+00 | c* | 3.4E+01 | c* | | | | | 1.3E+00 | c | | 2.7E-04 | |
| Dichlorobenzene, 1,2- | 95-50-1 | | | | | 9.0E-02 | I | 2.0E-01 | H | V | | 1 | | 2.2E+02 | 2.0E+03 | ns | 1.0E+04 | ns | 2.1E+02 | n | 8.8E+02 | n | 3.7E+02 | n | 6.0E+02 | 4.0E-01 | 6.6E-01 |
| Dichlorobenzene, 1,4- | 106-46-7 | 5.4E-03 | C | 1.1E-05 | C | | | 8.0E-01 | I | V | | 1 | | | 2.6E+00 | c | 1.3E+01 | c | 2.2E-01 | c | 1.1E+00 | c | 4.3E-01 | c | 7.5E+01 | 4.6E-04 | 8.1E-02 |

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; H = HEAST; W = WHO; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are bsed on DAF=1

| Contaminant | | Toxicity and Chemical-specific Information | | | | | | | | | | | | | Screening Levels | | | | | | | | | | Protection of Groundwater | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | CAS No. | SFO (mg/kg-day)$^{-1}$ | key | IUR (ug/m$^3$)$^{-1}$ | key | RfDo (mg/kg-day) | key | RfCi (mg/m$^3$) | key | voc | mutagen | RAGS Part E GIABS | RAGS Part E ABS | Csat mg/kg | Residential Soil mg/kg | key | Industrial Soil mg/kg | key | Residential Air ug/m$^3$ | key | Industrial Air ug/m$^3$ | key | Tapwater ug/L | key | MCL ug/L | Risk-based SSL mg/kg | MCL-based SSL mg/kg |
| Dichlorobenzidine, 3,3'- | 91-94-1 | 4.5E-01 | I | | | | | | | | | 1 | 0.1 | | 1.1E+00 | c | 3.8E+00 | c | | | | | 1.5E-01 | c | | 2.3E-03 | |
| Dichlorodifluoromethane | 75-71-8 | | | | | 2.0E-01 | I | 2.0E-01 | H | V | | 1 | | 8.5E+02 | 1.9E+02 | n | 7.8E+02 | n | 2.1E+02 | n | 8.8E+02 | n | 3.9E+02 | n | | 6.1E-01 | |
| Dichloroethane, 1,1- | 75-34-3 | 5.7E-03 | C | 1.6E-06 | C | 2.0E-01 | P | | | V | | 1 | | 1.8E+03 | 3.4E+00 | c | 1.7E+01 | c | 1.5E+00 | c | 7.7E+00 | c | 2.4E+00 | c | | 7.0E-04 | |
| Dichloroethane, 1,2- | 107-06-2 | 9.1E-02 | I | 2.6E-05 | I | 2.0E-02 | P | 2.4E+00 | A | V | | 1 | | 1.9E+03 | 4.5E-01 | c | 2.2E+00 | c | 9.4E-02 | c | 4.7E-01 | c | 1.5E-01 | c | 5.0E+00 | 4.4E-05 | 1.5E-03 |
| Dichloroethylene, 1,1- | 75-35-4 | | | | | 5.0E-02 | I | 2.0E-01 | I | V | | 1 | | 1.2E+03 | 2.5E+02 | n | 1.1E+03 | n | 2.1E+02 | n | 8.8E+02 | n | 3.4E+02 | n | 7.0E+00 | 1.2E-01 | 2.6E-03 |
| Dichloroethylene, 1,2- (Mixed Isomers) | 540-59-0 | | | | | 9.0E-03 | H | | | V | | 1 | | 1.4E+03 | 7.0E+02 | n | 9.2E+03 | ns | | | | | 3.3E+02 | n | | 9.9E-02 | |
| Dichloroethylene, 1,2-cis- | 156-59-2 | | | | | 1.0E-02 | P | | | V | | 1 | | 1.4E+03 | 7.8E+02 | n | 1.0E+04 | ns | | | | | 3.7E+02 | n | 7.0E+01 | 1.1E-01 | 2.1E-02 |
| Dichloroethylene, 1,2-trans- | 156-60-5 | | | | | 2.0E-02 | I | 6.0E-02 | P | V | | 1 | | 1.5E+03 | 1.1E+02 | n | 5.0E+02 | n | 6.3E+01 | n | 2.6E+02 | n | 1.1E+02 | n | 1.0E+02 | 3.4E-02 | 3.2E-02 |
| Dichlorophenol, 2,4- | 120-83-2 | | | | | 3.0E-03 | I | | | | | 1 | 0.1 | | 1.8E+02 | n | 1.8E+03 | n | | | | | 1.1E+02 | n | | 1.8E-01 | |
| Dichlorophenoxy Acetic Acid, 2,4- | 94-75-7 | | | | | 1.0E-02 | I | | | | | 1 | 0.05 | | 6.9E+02 | n | 7.7E+03 | n | | | | | 3.7E+02 | n | 7.0E+01 | 9.4E-02 | 1.8E-02 |
| Dichlorophenoxy)butyric Acid, 4-(2,4- | 94-82-6 | | | | | 8.0E-03 | I | | | | | 1 | 0.1 | | 4.9E+02 | n | 4.9E+03 | n | | | | | 2.9E+02 | n | | 1.2E-01 | |
| Dichloropropane, 1,2- | 78-87-5 | 3.6E-02 | C | 1.0E-05 | C | | | 4.0E-03 | I | V | | 1 | | 1.5E+03 | 9.3E-01 | c* | 4.7E+00 | c* | 2.4E-01 | c* | 1.2E+00 | c* | 3.9E-01 | c* | 5.0E+00 | 1.3E-04 | 1.7E-03 |
| Dichloropropane, 1,3- | 142-28-9 | | | | | 2.0E-02 | P | | | V | | 1 | | 1.6E+03 | 1.6E+03 | n | 2.0E+04 | ns | | | | | 7.3E+02 | n | | 2.7E-01 | |
| Dichloropropanol, 2,3- | 616-23-9 | | | | | 3.0E-03 | I | | | | | 1 | 0.1 | | 1.8E+02 | n | 1.8E+03 | n | | | | | 1.1E+02 | n | | 2.3E-02 | |
| Dichloropropene, 1,3- | 542-75-6 | 1.0E-01 | I | 4.0E-06 | I | 3.0E-02 | I | 2.0E-02 | I | V | | 1 | | 1.7E+03 | 1.7E+00 | c* | 8.4E+00 | c* | 6.1E-01 | c* | 3.1E+00 | c* | 4.3E-01 | c* | | 1.6E-04 | |
| Dichlorvos | 62-73-7 | 2.9E-01 | I | | | 5.0E-04 | I | 5.0E-04 | I | | | 1 | 0.1 | | 1.7E+00 | c* | 5.9E+00 | c* | 5.2E-01 | n | 2.2E+00 | n | 2.3E-01 | c* | | 6.5E-05 | |
| Dicyclopentadiene | 77-73-6 | | | | | 8.0E-03 | P | 7.0E-03 | P | V | | 1 | | 5.9E+02 | 2.9E+01 | n | 1.3E+02 | n | 7.3E+00 | n | 3.1E+01 | n | 1.4E+01 | n | | 5.6E-02 | |
| Dieldrin | 60-57-1 | 1.6E+01 | I | 4.6E-03 | I | 5.0E-05 | I | | | | | 1 | 0.1 | | 3.0E-02 | c | 1.1E-01 | c | 5.3E-04 | c | 2.7E-03 | c | 4.2E-03 | c | | 9.0E-05 | |
| Diesel Engine Exhaust | NA | | | | | | | 5.0E-03 | I | | | 1 | 0.1 | | | | | | 5.2E+00 | n | 2.2E+01 | n | | | | | |
| Diethyl Phthalate | 84-66-2 | | | | | 8.0E-01 | I | | | | | 1 | 0.1 | | 4.9E+04 | n | 4.9E+05 | nm | | | | | 2.9E+04 | n | | 1.3E+01 | |
| Diethylene Glycol Monobutyl Ether | 112-34-5 | | | | | 1.0E-02 | P | 2.0E-02 | P | | | 1 | 0.1 | | 6.1E+02 | n | 6.2E+03 | n | 2.1E+01 | n | 8.8E+01 | n | 3.7E+02 | n | | 8.0E-02 | |
| Diethylene Glycol Monoethyl Ether | 111-90-0 | | | | | 6.0E-02 | P | 3.0E-03 | P | | | 1 | 0.1 | | 3.7E+03 | n | 3.7E+04 | n | 3.1E+00 | n | 1.3E+01 | n | 2.2E+03 | n | | 4.4E-01 | |
| Diethylformamide | 617-84-5 | | | | | 1.0E-03 | P | | | | | 1 | 0.1 | | 6.1E+01 | n | 6.2E+02 | n | | | | | 3.7E+01 | n | | 8.0E-03 | |
| Diethylstilbestrol | 56-53-1 | 3.5E+02 | C | 1.0E-01 | C | | | | | | | 1 | 0.1 | | 1.4E-03 | c | 4.9E-03 | c | 2.4E-05 | c | 1.2E-04 | c | 1.9E-04 | c | | 2.2E-04 | |
| Difenzoquat | 43222-48-6 | | | | | 8.0E-02 | I | | | | | 1 | 0.1 | | 4.9E+03 | n | 4.9E+04 | n | | | | | 2.9E+03 | n | | | |
| Diflubenzuron | 35367-38-5 | | | | | 2.0E-02 | I | | | | | 1 | 0.1 | | 1.2E+03 | n | 1.2E+04 | n | | | | | 7.3E+02 | n | | 1.7E+00 | |
| Difluoroethane, 1,1- | 75-37-6 | | | | | | | 4.0E+01 | I | V | | 1 | | 1.5E+03 | 5.3E+04 | ns | 2.2E+05 | nms | 4.2E+04 | n | 1.8E+05 | n | 8.3E+04 | n | | 2.9E+01 | |
| Diisopropyl Ether | 108-20-3 | | | | | | | 4.0E-01 | P | V | | 1 | | 1.6E+03 | 1.2E+03 | n | 5.1E+03 | ns | 4.2E+02 | n | 1.8E+03 | n | 8.3E+02 | n | | 1.9E-01 | |
| Diisopropyl Methylphosphonate | 1445-75-6 | | | | | 8.0E-02 | I | | | V | | 1 | | 4.3E+02 | 6.3E+03 | ns | 8.2E+04 | ns | | | | | 2.9E+03 | n | | 7.7E-01 | |
| Dimethipin | 55290-64-7 | | | | | 2.0E-02 | I | | | | | 1 | 0.1 | | 1.2E+03 | n | 1.2E+04 | n | | | | | 7.3E+02 | n | | 1.9E-01 | |
| Dimethoate | 60-51-5 | | | | | 2.0E-04 | I | | | | | 1 | 0.1 | | 1.2E+01 | n | 1.2E+02 | n | | | | | 7.3E+00 | n | | 1.8E-03 | |
| Dimethoxybenzidine, 3,3'- | 119-90-4 | 1.4E-02 | H | | | | | | | | | 1 | 0.1 | | 3.5E+01 | c | 1.2E+02 | c | | | | | 4.8E+00 | c | | 1.5E-02 | |
| Dimethyl methylphosphonate | 756-79-6 | 1.7E-03 | P | | | 6.0E-02 | P | | | | | 1 | 0.1 | | 2.9E+02 | c* | 1.0E+03 | c* | | | | | 4.0E+01 | c* | | 8.2E-03 | |
| Dimethylaniline HCl, 2,4- | 21436-96-4 | 5.8E-01 | H | | | | | | | | | 1 | 0.1 | | 8.4E-01 | c | 3.0E+00 | c | | | | | 1.2E-01 | c | | 5.1E-05 | |
| Dimethylaniline, 2,4- | 95-68-1 | 7.5E-01 | H | | | | | | | | | 1 | 0.1 | | 6.5E-01 | c | 2.3E+00 | c | | | | | 9.0E-02 | c | | 3.9E-05 | |
| Dimethylaniline, N,N- | 121-69-7 | | | | | 2.0E-03 | I | | | V | | 1 | | 8.2E+02 | 1.6E+02 | n | 2.0E+03 | ns | | | | | 7.3E+01 | n | | 2.6E-02 | |
| Dimethylbenzidine, 3,3'- | 119-93-7 | 1.1E+01 | P | | | | | | | | | 1 | 0.1 | | 4.4E-02 | c | 1.6E-01 | c | | | | | 6.1E-03 | c | | 9.3E-05 | |
| Dimethylformamide | 68-12-2 | | | | | 1.0E-01 | P | 3.0E-02 | I | | | 1 | 0.1 | | 6.1E+03 | n | 6.2E+04 | n | 3.1E+01 | n | 1.3E+02 | n | 3.7E+03 | n | | 7.5E-01 | |
| Dimethylphenol, 2,4- | 105-67-9 | | | | | 2.0E-02 | I | | | | | 1 | 0.1 | | 1.2E+03 | n | 1.2E+04 | n | | | | | 7.3E+02 | n | | 1.2E+00 | |
| Dimethylphenol, 2,6- | 576-26-1 | | | | | 6.0E-04 | I | | | | | 1 | 0.1 | | 3.7E+01 | n | 3.7E+02 | n | | | | | 2.2E+01 | n | | 3.6E-02 | |
| Dimethylphenol, 3,4- | 95-65-8 | | | | | 1.0E-03 | I | | | | | 1 | 0.1 | | 6.1E+01 | n | 6.2E+02 | n | | | | | 3.7E+01 | n | | 6.0E-02 | |
| Dimethylterephthalate | 120-61-6 | | | | | 1.0E-01 | I | | | V | | 1 | | 6.1E+00 | 7.8E+03 | ns | 1.0E+05 | nms | | | | | 3.7E+03 | n | | 1.0E+00 | |
| Dinitro-o-cresol, 4,6- | 534-52-1 | | | | | 1.0E-04 | P | | | | | 1 | 0.1 | | 6.1E+00 | n | 6.2E+01 | n | | | | | 3.7E+00 | n | | 5.1E-03 | |
| Dinitro-o-cyclohexyl Phenol, 4,6- | 131-89-5 | | | | | 2.0E-03 | I | | | | | 1 | 0.1 | | 1.2E+02 | n | 1.2E+03 | n | | | | | 7.3E+01 | n | | 2.1E+00 | |
| Dinitrobenzene, 1,2- | 528-29-0 | | | | | 1.0E-04 | P | | | | | 1 | 0.1 | | 6.1E+00 | n | 6.2E+01 | n | | | | | 3.7E+00 | n | | 2.4E-03 | |
| Dinitrobenzene, 1,3- | 99-65-0 | | | | | 1.0E-04 | I | | | | | 1 | 0.1 | | 6.1E+00 | n | 6.2E+01 | n | | | | | 3.7E+00 | n | | 2.3E-03 | |
| Dinitrobenzene, 1,4- | 100-25-4 | | | | | 1.0E-04 | P | | | | | 1 | 0.1 | | 6.1E+00 | n | 6.2E+01 | n | | | | | 3.7E+00 | n | | 2.3E-03 | |
| Dinitrophenol, 2,4- | 51-28-5 | | | | | 2.0E-03 | I | | | | | 1 | 0.1 | | 1.2E+02 | n | 1.2E+03 | n | | | | | 7.3E+01 | n | | 6.8E-02 | |
| Dinitrotoluene Mixture, 2,4/2,6- | 25321-14-6 | 6.8E-01 | I | | | | | | | | | 1 | 0.1 | | 7.1E-01 | c | 2.5E+00 | c | | | | | 9.9E-02 | c | | 9.3E-05 | |
| Dinitrotoluene, 2,4- | 121-14-2 | | | | | 2.0E-03 | I | | | | | 1 | 0.102 | | 1.2E+02 | n | 1.2E+03 | n | | | | | 7.3E+01 | n | | 6.8E-02 | |
| Dinitrotoluene, 2,6- | 606-20-2 | | | | | 1.0E-03 | P | | | | | 1 | 0.099 | | 6.1E+01 | n | 6.2E+02 | n | | | | | 3.7E+01 | n | | 3.4E-02 | |
| Dinitrotoluene, 2-Amino-4,6- | 35572-78-2 | | | | | 2.0E-03 | S | | | | | 1 | 0.006 | | 1.5E+02 | n | 2.0E+03 | n | | | | | 7.3E+01 | n | | 2.9E-02 | |
| Dinitrotoluene, 4-Amino-2,6- | 19406-51-0 | | | | | 2.0E-03 | S | | | | | 1 | 0.009 | | 1.5E+02 | n | 1.9E+03 | n | | | | | 7.3E+01 | n | | 2.9E-02 | |
| Dinoseb | 88-85-7 | | | | | 1.0E-03 | I | | | | | 1 | 0.1 | | 6.1E+01 | n | 6.2E+02 | n | | | | | 3.7E+01 | n | 7.0E+00 | 2.7E-01 | 5.1E-02 |
| Dioxane, 1,4- | 123-91-1 | 1.1E-02 | I | | | | | 3.6E+00 | A | | | 1 | 0.1 | | 4.4E+01 | c | 1.6E+02 | c | 3.8E+03 | n | 1.6E+04 | n | 6.1E+00 | c | | 1.2E-03 | |
| Diphenamid | 957-51-7 | | | | | 3.0E-02 | I | | | | | 1 | 0.1 | | 1.8E+03 | n | 1.8E+04 | n | | | | | 1.1E+03 | n | | 3.4E+01 | |
| Diphenyl Sulfone | 127-63-9 | | | | | 3.0E-03 | P | | | | | 1 | 0.1 | | 1.8E+02 | n | 1.8E+03 | n | | | | | 1.1E+02 | n | | 6.6E-01 | |
| Diphenylamine | 122-39-4 | | | | | 2.5E-02 | I | | | | | 1 | 0.1 | | 1.5E+03 | n | 1.5E+04 | n | | | | | 9.1E+02 | n | | 3.6E+00 | |
| Diphenylhydrazine, 1,2- | 122-66-7 | 8.0E-01 | I | 2.2E-04 | I | | | | | | | 1 | 0.1 | | 6.1E-01 | c | 2.2E+00 | c | 1.1E-02 | c | 5.6E-02 | c | 8.4E-02 | c | | 6.0E-04 | |
| Diquat | 85-00-7 | | | | | 2.2E-03 | I | | | | | 1 | 0.1 | | 1.3E+02 | n | 1.4E+03 | n | | | | | 8.0E+01 | n | 2.0E+01 | 3.3E-01 | 8.1E-02 |
| Direct Black 38 | 1937-37-7 | 7.4E+00 | C | 2.1E-03 | C | | | | | | | 1 | 0.1 | | 6.6E-02 | c | 2.3E-01 | c | 1.2E-03 | c | 5.8E-03 | c | 9.1E-03 | c | | 1.4E+00 | |
| Direct Blue 6 | 2602-46-2 | 7.4E+00 | C | 2.1E-03 | C | | | | | | | 1 | 0.1 | | 6.6E-02 | c | 2.3E-01 | c | 1.2E-03 | c | 5.8E-03 | c | 9.1E-03 | c | | 4.0E+00 | |
| Direct Brown 95 | 16071-86-6 | 6.7E+00 | C | 1.9E-03 | C | | | | | | | 1 | 0.1 | | 7.2E-02 | c | 2.6E-01 | c | 1.3E-03 | c | 6.5E-03 | c | 1.0E-02 | c | | | |

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; H = HEAST; W = WHO; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are bsed on DAF=1

| Contaminant | | Toxicity and Chemical-specific Information | | | | | | | | | | | | | Screening Levels | | | | | | | | | | Protection of Groundwater | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | CAS No. | SFO (mg/kg-day)$^{-1}$ | key | IUR (ug/m$^3$)$^{-1}$ | key | RfDo (mg/kg-day) | key | RfCi (mg/m$^3$) | key | voc | mutagen | RAGS Part E GIABS | RAGS Part E ABS | Csat mg/kg | Residential Soil mg/kg | key | Industrial Soil mg/kg | key | Residential Air ug/m$^3$ | key | Industrial Air ug/m$^3$ | key | Tapwater ug/L | key | MCL ug/L | Risk-based SSL mg/kg | MCL-based SSL mg/kg |
| Disulfoton | 298-04-4 | | | | | 4.0E-05 | I | | | | | 1 | 0.1 | | 2.4E+00 | n | 2.5E+01 | n | | | | | 1.5E+00 | n | | 2.7E-03 | |
| Dithiane, 1,4- | 505-29-3 | | | | | 1.0E-02 | I | | | | | 1 | 0.1 | | 6.1E+02 | n | 6.2E+03 | n | | | | | 3.7E+02 | n | | 1.9E-01 | |
| Diuron | 330-54-1 | | | | | 2.0E-03 | I | | | | | 1 | 0.1 | | 1.2E+02 | n | 1.2E+03 | n | | | | | 7.3E+01 | n | | 3.4E-02 | |
| Dodine | 2439-10-3 | | | | | 4.0E-03 | I | | | | | 1 | 0.1 | | 2.4E+02 | n | 2.5E+03 | n | | | | | 1.5E+02 | n | | 4.5E+00 | |
| **Dioxins** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hexachlorodibenzo-p-dioxin | 34465-46-8 | 1.3E+04 | W | 3.8E+00 | W | | | | | | | 1 | 0.03 | | 4.5E-05 | c | 1.8E-04 | c | 6.4E-07 | c | 3.2E-06 | c | 5.2E-06 | c | | 4.3E-06 | |
| Hexachlorodibenzo-p-dioxin, Mixture | NA | 6.2E+03 | I | 1.3E+00 | I | | | | | | | 1 | 0.03 | | 9.4E-05 | c | 3.9E-04 | c | 1.9E-06 | c | 9.4E-06 | c | 1.1E-05 | c | | 9.0E-06 | |
| HpCDD, 2,3,7,8- | 37871-00-4 | 1.3E+03 | W | 3.8E-01 | W | | | | | | | 1 | 0.03 | | 4.5E-04 | c | 1.8E-03 | c | 6.4E-06 | c | 3.2E-05 | c | 5.2E-05 | c | | 7.3E-05 | |
| OCDD | 3268-87-9 | 3.9E+01 | W | 1.1E-02 | W | | | | | | | 1 | 0.03 | | 1.5E-02 | c | 6.1E-02 | c | 2.1E-04 | c | 1.1E-03 | c | 1.7E-03 | c | | 4.1E-03 | |
| PeCDD, 2,3,7,8- | 36088-22-9 | 1.3E+05 | W | 3.8E+01 | W | | | | | | | 1 | 0.03 | | 4.5E-06 | c | 1.8E-05 | c | 6.4E-08 | c | 3.2E-07 | c | 5.2E-07 | c | | 2.7E-07 | |
| TCDD, 2,3,7,8- | 1746-01-6 | 1.3E+05 | C | 3.8E+01 | C | 1.0E-09 | A | | | | | 1 | 0.03 | | 4.5E-06 | c* | 1.8E-05 | c* | 6.4E-08 | c | 3.2E-07 | c | 5.2E-07 | c* | 3.0E-05 | 1.5E-07 | 8.8E-06 |
| Endosulfan | 115-29-7 | | | | | 6.0E-03 | I | | | | | 1 | 0.1 | | 3.7E+02 | n | 3.7E+03 | n | | | | | 2.2E+02 | n | | 9.7E+00 | |
| Endothall | 145-73-3 | | | | | 2.0E-02 | I | | | | | 1 | 0.1 | | 1.2E+03 | n | 1.2E+04 | n | | | | | 7.3E+02 | n | 1.0E+02 | 1.6E-01 | 2.2E-02 |
| Endrin | 72-20-8 | | | | | 3.0E-04 | I | | | | | 1 | 0.1 | | 1.8E+01 | n | 1.8E+02 | n | | | | | 1.1E+01 | n | 2.0E+00 | 2.3E-01 | 4.3E-02 |
| Epichlorohydrin | 106-89-8 | 9.9E-03 | I | 1.2E-06 | I | 6.0E-03 | P | 1.0E-03 | I | V | | 1 | | 8.4E+03 | 1.8E+01 | n | 7.7E+01 | n | 1.0E+00 | n | 4.4E+00 | n | 2.1E+00 | n | | 4.3E-04 | |
| Epoxybutane, 1,2- | 106-88-7 | | | | | | | 2.0E-02 | I | V | | 1 | | 1.2E+04 | 1.5E+02 | n | 6.4E+02 | n | 2.1E+01 | n | 8.8E+01 | n | 4.2E+01 | n | | 8.7E-03 | |
| EPTC | 759-94-4 | | | | | 2.5E-02 | I | | | V | | 1 | | 6.2E+02 | 2.0E+03 | ns | 2.6E+04 | ns | | | | | 9.1E+02 | n | | 6.5E-01 | |
| Ethephon | 16672-87-0 | | | | | 5.0E-03 | I | | | | | 1 | 0.1 | | 3.1E+02 | n | 3.1E+03 | n | | | | | 1.8E+02 | n | | 3.8E-02 | |
| Ethion | 563-12-2 | | | | | 5.0E-04 | I | | | | | 1 | 0.1 | | 3.1E+01 | n | 3.1E+02 | n | | | | | 1.8E+01 | n | | 4.8E-01 | |
| Ethoxyethanol Acetate, 2- | 111-15-9 | | | | | 3.0E-01 | H | | | | | 1 | 0.1 | | 1.8E+04 | n | 1.8E+05 | nm | | | | | 1.1E+04 | n | | 2.2E+00 | |
| Ethoxyethanol, 2- | 110-80-5 | | | | | 4.0E-01 | H | 2.0E-01 | I | | | 1 | 0.1 | | 2.4E+04 | n | 2.5E+05 | nm | 2.1E+02 | n | 8.8E+02 | n | 1.5E+04 | n | | 2.9E+00 | |
| Ethyl Acetate | 141-78-6 | | | | | 9.0E-01 | I | | | V | | 1 | | 1.1E+04 | 7.0E+04 | ns | 9.2E+05 | nms | | | | | 3.3E+04 | n | | 7.0E+00 | |
| Ethyl Acrylate | 140-88-5 | 4.8E-02 | H | | | | | | | V | | 1 | | 2.6E+03 | 1.3E+01 | c | 6.0E+01 | c | | | | | 1.4E+00 | c | | 3.2E-04 | |
| Ethyl Chloride | 75-00-3 | | | | | | | 1.0E+01 | I | V | | 1 | | 2.2E+03 | 1.5E+04 | ns | 6.2E+04 | ns | 1.0E+04 | n | 4.4E+04 | n | 2.1E+04 | n | | 6.0E+00 | |
| Ethyl Ether | 60-29-7 | | | | | 2.0E-01 | I | | | V | | 1 | | 8.2E+03 | 1.6E+04 | ns | 2.0E+05 | nms | | | | | 7.3E+03 | n | | 1.6E+00 | |
| Ethyl Methacrylate | 97-63-2 | | | | | 9.0E-02 | H | | | V | | 1 | | 1.2E+03 | 7.0E+03 | ns | 9.2E+04 | ns | | | | | 3.3E+03 | n | | 7.9E-01 | |
| Ethyl-p-nitrophenyl Phosphonate | 2104-64-5 | | | | | 1.0E-05 | I | | | | | 1 | 0.1 | | 6.1E-01 | n | 6.2E+00 | n | | | | | 3.7E-01 | n | | 8.7E-03 | |
| Ethylbenzene | 100-41-4 | 1.1E-02 | C | 2.5E-06 | C | 1.0E-01 | I | 1.0E+00 | I | V | | 1 | | 5.5E+02 | 5.7E+00 | c | 2.9E+01 | c | 9.7E-01 | c | 4.9E+00 | c | 1.5E+00 | c | 7.0E+02 | 1.9E-03 | 8.9E-01 |
| Ethylene Cyanohydrin | 109-78-4 | | | | | 3.0E-02 | P | | | | | 1 | 0.1 | | 1.8E+03 | n | 1.8E+04 | n | | | | | 1.1E+03 | n | | 2.2E-01 | |
| Ethylene Diamine | 107-15-3 | | | | | 9.0E-02 | P | | | | | 1 | 0.1 | | 5.5E+03 | n | 5.5E+04 | n | | | | | 3.3E+03 | n | | 8.2E-01 | |
| Ethylene Glycol | 107-21-1 | | | | | 2.0E+00 | I | 4.0E-01 | C | | | 1 | 0.1 | | 1.2E+05 | nm | 1.2E+06 | nm | 4.2E+02 | n | 1.8E+03 | n | 7.3E+04 | n | | 1.5E+01 | |
| Ethylene Glycol Monobutyl Ether | 111-76-2 | | | | | 5.0E-01 | I | 1.3E+01 | I | | | 1 | 0.1 | | 3.1E+04 | n | 3.1E+05 | nm | 1.4E+04 | n | 5.7E+04 | n | 1.8E+04 | n | | 3.7E+00 | |
| Ethylene Oxide | 75-21-8 | 3.1E-01 | C | 8.8E-05 | C | | | | | V | | 1 | | 1.1E+05 | 1.6E-01 | c | 8.0E-01 | c | 2.8E-02 | c | 1.4E-01 | c | 4.4E-02 | c | | 9.0E-06 | |
| Ethylene Thiourea | 96-45-7 | 4.5E-02 | C | 1.3E-05 | C | 8.0E-05 | I | | | | | 1 | 0.1 | | 4.9E+00 | n | 3.8E+01 | c** | 1.9E-01 | c | 9.4E-01 | c | 1.5E+00 | c** | | 3.2E-04 | |
| Ethylphthalyl Ethyl Glycolate | 84-72-0 | | | | | 3.0E+00 | I | | | | | 1 | 0.1 | | 1.8E+05 | nm | 1.8E+06 | nm | | | | | 1.1E+05 | n | | 3.0E+02 | |
| Express | 101200-48-0 | | | | | 8.0E-03 | I | | | | | 1 | 0.1 | | 4.9E+02 | n | 4.9E+03 | n | | | | | 2.9E+02 | n | | 1.1E-01 | |
| Fenamiphos | 22224-92-6 | | | | | 2.5E-04 | I | | | | | 1 | 0.1 | | 1.5E+01 | n | 1.5E+02 | n | | | | | 9.1E+00 | n | | 5.9E-03 | |
| Fenpropathrin | 39515-41-8 | | | | | 2.5E-02 | I | | | | | 1 | 0.1 | | 1.5E+03 | n | 1.5E+04 | n | | | | | 9.1E+02 | n | | 5.4E+01 | |
| Fluometuron | 2164-17-2 | | | | | 1.3E-02 | I | | | | | 1 | 0.1 | | 7.9E+02 | n | 8.0E+03 | n | | | | | 4.7E+02 | n | | 4.4E-01 | |
| Fluorine (Soluble Fluoride) | 7782-41-4 | | | | | 6.0E-02 | I | | | | | 1 | | | 4.7E+03 | n | 6.1E+04 | n | | | | | 2.2E+03 | n | 4.0E+03 | 3.3E+02 | 6.0E+02 |
| Fluridone | 59756-60-4 | | | | | 8.0E-02 | I | | | | | 1 | 0.1 | | 4.9E+03 | n | 4.9E+04 | n | | | | | 2.9E+03 | n | | 6.5E+02 | |
| Flurprimidol | 56425-91-3 | | | | | 2.0E-02 | I | | | | | 1 | 0.1 | | 1.2E+03 | n | 1.2E+04 | n | | | | | 7.3E+02 | n | | 1.4E+00 | |
| Flutolanil | 66332-96-5 | | | | | 6.0E-02 | I | | | | | 1 | 0.1 | | 3.7E+03 | n | 3.7E+04 | n | | | | | 2.2E+03 | n | | 2.4E+01 | |
| Fluvalinate | 69409-94-5 | | | | | 1.0E-02 | I | | | | | 1 | 0.1 | | 6.1E+02 | n | 6.2E+03 | n | | | | | 3.7E+02 | n | | 5.3E+02 | |
| Folpet | 133-07-3 | 3.5E-03 | I | | | 1.0E-01 | I | | | | | 1 | 0.1 | | 1.4E+02 | c* | 4.9E+02 | c | | | | | 1.9E+01 | c | | 9.4E-03 | |
| Fomesafen | 72178-02-0 | 1.9E-01 | I | | | | | | | | | 1 | 0.1 | | 2.6E+00 | c | 9.1E+00 | c | | | | | 3.5E-01 | c | | 7.9E-03 | |
| Fonofos | 944-22-9 | | | | | 2.0E-03 | I | | | | | 1 | 0.1 | | 1.2E+02 | n | 1.2E+03 | n | | | | | 7.3E+01 | n | | 1.4E-01 | |
| Formaldehyde | 50-00-0 | | | 1.3E-05 | I | 2.0E-01 | I | 9.8E-03 | A | | | 1 | 0.1 | | 1.2E+04 | n | 1.2E+05 | nm | 1.9E-01 | c* | 9.4E-01 | c* | 7.3E+03 | n | | 1.5E+00 | |
| Formic Acid | 64-18-6 | | | | | 2.0E+00 | H | 3.0E-03 | P | | | 1 | 0.1 | | 1.2E+05 | nm | 1.2E+06 | nm | 3.1E+00 | n | 1.3E+01 | n | 7.3E+04 | n | | 1.5E+01 | |
| Fosetyl-AL | 39148-24-8 | | | | | 3.0E+00 | I | | | | | 1 | 0.1 | | 1.8E+05 | nm | 1.8E+06 | nm | | | | | 1.1E+05 | n | | | |
| Furazolidone | 67-45-8 | 3.8E+00 | H | | | | | | | | | 1 | 0.1 | | 1.3E-01 | c | 4.5E-01 | c | | | | | 1.8E-02 | c | | 3.3E-05 | |
| Furfural | 98-01-1 | | | | | 3.0E-03 | I | 5.0E-02 | H | | | 1 | 0.1 | | 1.8E+02 | n | 1.8E+03 | n | 5.2E+01 | n | 2.2E+02 | n | 1.1E+02 | n | | 2.6E-02 | |
| Furium | 531-82-8 | 1.5E+00 | C | 4.3E-04 | C | | | | | | | 1 | 0.1 | | 3.2E-01 | c | 1.1E+00 | c | 5.7E-03 | c | 2.9E-02 | c | 4.5E-02 | c | | 5.3E-05 | |
| Furmecyclox | 60568-05-0 | 3.0E-02 | I | | | | | | | | | 1 | 0.1 | | 1.6E+01 | c | 5.7E+01 | c | | | | | 2.2E+00 | c | | 7.4E-03 | |
| **Furans** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Furan | 110-00-9 | | | | | 1.0E-03 | I | | | V | | 1 | | 6.8E+03 | 7.8E+01 | n | 1.0E+03 | n | | | | | 3.7E+01 | n | | 1.5E-02 | |
| HpCDF, 2,3,7,8- | 38998-75-3 | 1.3E+03 | W | 3.8E-01 | W | | | | | | | 1 | 0.1 | | 3.7E-04 | c | 1.3E-03 | c | 6.4E-06 | c | 3.2E-05 | c | 5.2E-05 | c | | 4.0E-05 | |
| HxCDF, 2,3,7,8- | 55684-94-1 | 1.3E+04 | W | 3.8E+00 | W | | | | | | | 1 | 0.1 | | 3.7E-05 | c | 1.3E-04 | c | 6.4E-07 | c | 3.2E-06 | c | 5.2E-06 | c | | 2.4E-06 | |
| OCDF | 39001-02-0 | 3.9E+01 | W | 1.1E-02 | W | | | | | | | 1 | 0.1 | | 1.2E-02 | c | 4.4E-02 | c | 2.1E-04 | c | 1.1E-03 | c | 1.7E-03 | c | | 2.3E-03 | |
| PeCDF, 1,2,3,7,8- | 57117-41-6 | 3.9E+03 | W | 1.1E+00 | W | | | | | | | 1 | 0.1 | | 1.2E-04 | c | 4.4E-04 | c | 2.1E-06 | c | 1.1E-05 | c | 1.7E-05 | c | | 4.7E-06 | |
| PeCDF, 2,3,4,7,8- | 57117-31-4 | 3.9E+04 | W | 1.1E+01 | W | | | | | | | 1 | 0.1 | | 1.2E-05 | c | 4.4E-05 | c | 2.1E-07 | c | 1.1E-06 | c | 1.7E-06 | c | | 4.7E-07 | |
| TCDF, 2,3,7,8- | 51207-31-9 | 1.3E+04 | W | 3.8E+00 | W | | | | | | | 1 | 0.1 | | 3.7E-05 | c | 1.3E-04 | c | 6.4E-07 | c | 3.2E-06 | c | 5.2E-06 | c | | 8.4E-07 | |
| Glufosinate, Ammonium | 77182-82-2 | | | | | 4.0E-04 | I | | | | | 1 | 0.1 | | 2.4E+01 | n | 2.5E+02 | n | | | | | 1.5E+01 | n | | 4.7E-03 | |

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; H = HEAST; W = WHO; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are bsed on DAF=1

| Contaminant | | Toxicity and Chemical-specific Information | | | | | | | | | | | | Screening Levels | | | | | | | | | | Protection of Groundwater | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | CAS No. | SFO (mg/kg-day)$^{-1}$ | key | IUR (ug/m$^3$)$^{-1}$ | key | RfDo (mg/kg-day) | key | RfCi (mg/m$^3$) | key | voc | mutagen | RAGS Part E GIABS | RAGS Part E ABS | Csat mg/kg | Residential Soil mg/kg | key | Industrial Soil mg/kg | key | Residential Air ug/m$^3$ | key | Industrial Air ug/m$^3$ | key | Tapwater ug/L | key | MCL ug/L | Risk-based SSL mg/kg | MCL-based SSL mg/kg |
| Glycidyl | 765-34-4 | | | | | 4.0E-04 | I | 1.0E-03 | H | | | 1 | 0.1 | | 2.4E+01 | n | 2.5E+02 | n | 1.0E+00 | n | 4.4E+00 | n | 1.5E+01 | n | | 2.9E-03 | |
| Glyphosate | 1071-83-6 | | | | | 1.0E-01 | I | | | | | 1 | 0.1 | | 6.1E+03 | n | 6.2E+04 | n | | | | | 3.7E+03 | n | 7.0E+02 | 8.7E-01 | 1.7E-01 |
| Goal | 42874-03-3 | | | | | 3.0E-03 | I | | | | | 1 | 0.1 | | 1.8E+02 | n | 1.8E+03 | n | | | | | 1.1E+02 | n | | 1.0E+01 | |
| Haloxyfop, Methyl | 69806-40-2 | | | | | 5.0E-05 | I | | | | | 1 | 0.1 | | 3.1E+00 | n | 3.1E+01 | n | | | | | 1.8E+00 | n | | 6.5E-02 | |
| Harmony | 79277-27-3 | | | | | 1.3E-02 | I | | | | | 1 | 0.1 | | 7.9E+02 | n | 8.0E+03 | n | | | | | 4.7E+02 | n | | 1.3E-01 | |
| Heptachlor | 76-44-8 | 4.5E+00 | I | 1.3E-03 | I | 5.0E-04 | I | | | | | 1 | 0.1 | | 1.1E-01 | c | 3.8E-01 | c | 1.9E-03 | c | 9.4E-03 | c | 1.5E-02 | c | 4.0E-01 | 1.6E-03 | 4.2E-02 |
| Heptachlor Epoxide | 1024-57-3 | 9.1E+00 | I | 2.6E-03 | I | 1.3E-05 | I | | | | | 1 | 0.1 | | 5.3E-02 | c* | 1.9E-01 | c* | 9.4E-04 | c | 4.7E-03 | c | 7.4E-03 | c* | 2.0E-01 | 7.9E-05 | 2.1E-03 |
| Hexabromobenzene | 87-82-1 | | | | | 2.0E-03 | I | | | | | 1 | 0.1 | | 1.2E+02 | n | 1.2E+03 | n | | | | | 7.3E+01 | n | | 5.1E-01 | |
| Hexachlorobenzene | 118-74-1 | 1.6E+00 | I | 4.6E-04 | I | 8.0E-04 | I | | | | | 1 | 0.1 | | 3.0E-01 | c | 1.1E+00 | c | 5.3E-03 | c | 2.7E-02 | c | 4.2E-02 | c | 1.0E+00 | 2.9E-04 | 7.0E-03 |
| Hexachlorobutadiene | 87-68-3 | 7.8E-02 | I | 2.2E-05 | I | 1.0E-03 | P | | | | | 1 | 0.1 | | 6.2E+00 | c** | 2.2E+01 | c* | 1.1E-01 | c | 5.6E-01 | c | 8.6E-01 | c* | | 1.9E-03 | |
| Hexachlorocyclohexane, Alpha- | 319-84-6 | 6.3E+00 | I | 1.8E-03 | I | | | | | | | 1 | 0.1 | | 7.7E-02 | c | 2.7E-01 | c | 1.4E-03 | c | 6.8E-03 | c | 1.1E-02 | c | | 7.4E-05 | |
| Hexachlorocyclohexane, Beta- | 319-85-7 | 1.8E+00 | I | 5.3E-04 | I | | | | | | | 1 | 0.1 | | 2.7E-01 | c | 9.6E-01 | c | 4.6E-03 | c | 2.3E-02 | c | 3.7E-02 | c | | 2.6E-04 | |
| Hexachlorocyclohexane, Gamma- (Lindane) | 58-89-9 | 1.1E+00 | C | 3.1E-04 | C | 3.0E-04 | I | | | | | 1 | 0.04 | | 5.2E-01 | c* | 2.1E+00 | c | 7.8E-03 | c | 4.0E-02 | c | 6.1E-02 | c | 2.0E-01 | 4.3E-04 | 1.4E-03 |
| Hexachlorocyclohexane, Technical | 608-73-1 | 1.8E+00 | I | 5.1E-04 | I | | | | | | | 1 | 0.1 | | 2.7E-01 | c | 9.6E-01 | c | 4.8E-03 | c | 2.4E-02 | c | 3.7E-02 | c | | 2.6E-04 | |
| Hexachlorocyclopentadiene | 77-47-4 | | | | | 6.0E-03 | I | 2.0E-04 | I | | | 1 | 0.1 | | 3.7E+02 | n | 3.7E+03 | n | 2.1E-01 | n | 8.8E-01 | n | 2.2E+02 | n | 5.0E+01 | 8.0E-01 | 1.8E-01 |
| Hexachloroethane | 67-72-1 | 1.4E-02 | I | 4.0E-06 | I | 1.0E-03 | I | | | | | 1 | 0.1 | | 3.5E+01 | c** | 1.2E+02 | c** | 6.1E-01 | c | 3.1E+00 | c | 4.8E+00 | c** | | 3.2E-03 | |
| Hexachlorophene | 70-30-4 | | | | | 3.0E-04 | I | | | | | 1 | 0.1 | | 1.8E+01 | n | 1.8E+02 | n | | | | | 1.1E+01 | n | | 1.4E+01 | |
| Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) | 121-82-4 | 1.1E-01 | I | | | 3.0E-03 | I | | | | | 1 | 0.015 | | 5.5E+00 | c* | 2.4E+01 | c | | | | | 6.1E-01 | c | | 3.6E-04 | |
| Hexamethylene Diisocyanate, 1,6- | 822-06-0 | | | | | | | 1.0E-05 | I | V | | 1 | | 4.1E+03 | 3.7E+00 | n | 1.6E+01 | n | 1.0E-02 | n | 4.4E-02 | n | 2.1E-02 | n | | 2.5E-04 | |
| Hexane, N- | 110-54-3 | | | | | 6.0E-02 | H | 7.0E-01 | I | V | | 1 | | 1.4E+02 | 5.7E+02 | ns | 2.6E+03 | ns | 7.3E+02 | n | 3.1E+03 | n | 8.8E+02 | n | | 6.2E+00 | |
| Hexanedioic Acid | 124-04-9 | | | | | 2.0E+00 | P | | | | | 1 | 0.1 | | 1.2E+05 | nm | 1.2E+06 | nm | | | | | 7.3E+04 | n | | 1.8E+01 | |
| Hexazinone | 51235-04-2 | | | | | 3.3E-02 | I | | | | | 1 | 0.1 | | 2.0E+03 | n | 2.0E+04 | n | | | | | 1.2E+03 | n | | 1.7E+00 | |
| Hydrazine | 302-01-2 | 3.0E+00 | I | 4.9E-03 | I | | | 2.0E-04 | C | | | 1 | | | 2.1E-01 | c | 9.5E-01 | c | 5.0E-04 | c | 2.5E-03 | c | 2.2E-02 | c | | | |
| Hydrazine Sulfate | 10034-93-2 | 3.0E+00 | I | 4.9E-03 | I | | | | | | | 1 | | | 2.1E-01 | c | 9.5E-01 | c | 5.0E-04 | c | 2.5E-03 | c | 2.2E-02 | c | | | |
| Hydrogen Chloride | 7647-01-0 | | | | | | | 2.0E-02 | I | | | 1 | | | 2.8E+07 | nm | 1.2E+08 | nm | 2.1E+01 | n | 8.8E+01 | n | | | | | |
| Hydrogen Sulfide | 7783-06-4 | | | | | | | 2.0E-03 | I | | | 1 | | | 2.8E+06 | nm | 1.2E+07 | nm | 2.1E+00 | n | 8.8E+00 | n | | | | | |
| Hydroquinone | 123-31-9 | 5.6E-02 | P | | | 4.0E-02 | P | | | | | 1 | 0.1 | | 8.7E+00 | c | 3.1E+01 | c | | | | | 1.2E+00 | c | | 1.3E-03 | |
| Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153) | 68631-49-2 | | | | | 2.0E-04 | I | | | | | | | | 1.6E+01 | n | 2.0E+02 | n | | | | | 7.3E+00 | n | | | |
| Imazalil | 35554-44-0 | | | | | 1.3E-02 | I | | | | | 1 | 0.1 | | 7.9E+02 | n | 8.0E+03 | n | | | | | 4.7E+02 | n | | 1.9E+00 | |
| Imazaquin | 81335-37-7 | | | | | 2.5E-01 | I | | | | | 1 | 0.1 | | 1.5E+04 | n | 1.5E+05 | nm | | | | | 9.1E+03 | n | | 9.2E+01 | |
| Iprodione | 36734-19-7 | | | | | 4.0E-02 | I | | | | | 1 | 0.1 | | 2.4E+03 | n | 2.5E+04 | n | | | | | 1.5E+03 | n | | 7.0E-01 | |
| Iron | 7439-89-6 | | | | | 7.0E-01 | P | | | | | 1 | | | 5.5E+04 | n | 7.2E+05 | nm | | | | | 2.6E+04 | n | | 6.4E+02 | |
| Isobutyl Alcohol | 78-83-1 | | | | | 3.0E-01 | I | | | V | | 1 | | 9.6E+03 | 2.3E+04 | ns | 3.1E+05 | nms | | | | | 1.1E+04 | n | | 2.2E+00 | |
| Isophorone | 78-59-1 | 9.5E-04 | I | | | 2.0E-01 | I | 2.0E+00 | C | | | 1 | 0.1 | | 5.1E+02 | c* | 1.8E+03 | c* | 2.1E+03 | n | 8.8E+03 | n | 7.1E+01 | c | | 2.2E-02 | |
| Isopropalin | 33820-53-0 | | | | | 1.5E-02 | I | | | | | 1 | 0.1 | | 9.2E+02 | n | 9.2E+03 | n | | | | | 5.5E+02 | n | | 7.4E+00 | |
| Isopropyl Methyl Phosphonic Acid | 1832-54-8 | | | | | 1.0E-01 | I | | | | | 1 | 0.1 | | 6.1E+03 | n | 6.2E+04 | n | | | | | 3.7E+03 | n | | 7.7E-01 | |
| Isoxaben | 82558-50-7 | | | | | 5.0E-02 | I | | | | | 1 | 0.1 | | 3.1E+03 | n | 3.1E+04 | n | | | | | 1.8E+03 | n | | 1.1E+01 | |
| Kerb | 23950-58-5 | | | | | 7.5E-02 | I | | | | | 1 | 0.1 | | 4.6E+03 | n | 4.6E+04 | n | | | | | 2.7E+03 | n | | 9.2E+00 | |
| Lactofen | 77501-63-4 | | | | | 2.0E-03 | I | | | | | 1 | 0.1 | | 1.2E+02 | n | 1.2E+03 | n | | | | | 7.3E+01 | n | | 3.7E+00 | |
| Linuron | 330-55-2 | | | | | 2.0E-03 | I | | | | | 1 | 0.1 | | 1.2E+02 | n | 1.2E+03 | n | | | | | 7.3E+01 | n | | 6.6E-02 | |
| Lithium | 7439-93-2 | | | | | 2.0E-03 | P | | | | | 1 | | | 1.6E+02 | n | 2.0E+03 | n | | | | | 7.3E+01 | n | | 2.2E+01 | |
| Lithium Perchlorate | 7791-03-9 | | | | | 7.0E-04 | I | | | | | 1 | | | 5.5E+01 | n | 7.2E+02 | n | | | | | 2.6E+01 | n | | | |
| Londax | 83055-99-6 | | | | | 2.0E-01 | I | | | | | 1 | 0.1 | | 1.2E+04 | n | 1.2E+05 | nm | | | | | 7.3E+03 | n | | 1.9E+00 | |
| **Lead Compounds** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lead and Compounds | 7439-92-1 | | | | | | | | | | | 1 | | | 4.0E+02 | n | 8.0E+02 | n | | | | | | | 1.5E+01 | | 1.4E+01 |
| Tetraethyl Lead | 78-00-2 | | | | | 1.0E-07 | I | | | | | 1 | 0.1 | | 6.1E-03 | n | 6.2E-02 | n | | | | | 3.7E-03 | n | | 1.4E-05 | |
| Malathion | 121-75-5 | | | | | 2.0E-02 | I | | | | | 1 | 0.1 | | 1.2E+03 | n | 1.2E+04 | n | | | | | 7.3E+02 | n | | 1.9E-01 | |
| Maleic Anhydride | 108-31-6 | | | | | 1.0E-01 | I | 7.0E-04 | C | | | 1 | 0.1 | | 6.1E+03 | n | 6.1E+04 | n | 7.3E-01 | n | 3.1E+00 | n | 3.7E+03 | n | | 7.4E-01 | |
| Maleic Hydrazide | 123-33-1 | | | | | 5.0E-01 | I | | | | | 1 | 0.1 | | 3.1E+04 | n | 3.1E+05 | nm | | | | | 1.8E+04 | n | | 4.0E+00 | |
| Malononitrile | 109-77-3 | | | | | 1.0E-04 | P | | | | | 1 | 0.1 | | 6.1E+00 | n | 6.2E+01 | n | | | | | 3.7E+00 | n | | 8.4E-04 | |
| Mancozeb | 8018-01-7 | | | | | 3.0E-02 | H | | | | | 1 | 0.1 | | 1.8E+03 | n | 1.8E+04 | n | | | | | 1.1E+03 | n | | 2.4E-01 | |
| Maneb | 12427-38-2 | | | | | 5.0E-03 | I | | | | | 1 | 0.1 | | 3.1E+02 | n | 3.1E+03 | n | | | | | 1.8E+02 | n | | 4.0E-02 | |
| Manganese (Diet) | 7439-96-5 | | | | | 1.4E-01 | I | 5.0E-05 | I | | | 1 | | | | | | | | | | | | | | | |
| Manganese (Water) | 7439-96-5 | | | | | 2.4E-02 | I | 5.0E-05 | I | | | 0.04 | | | 1.8E+03 | n | 2.3E+04 | n | 5.2E-02 | n | 2.2E-01 | n | 8.8E+02 | n | | 5.7E+01 | |
| MCPA | 94-74-6 | | | | | 5.0E-04 | I | | | | | 1 | 0.1 | | 3.1E+01 | n | 3.1E+02 | n | | | | | 1.8E+01 | n | | 4.7E-03 | |
| MCPB | 94-81-5 | | | | | 1.0E-02 | I | | | | | 1 | 0.1 | | 6.1E+02 | n | 6.2E+03 | n | | | | | 3.7E+02 | n | | 1.5E-01 | |
| MCPP | 93-65-2 | | | | | 1.0E-03 | I | | | | | 1 | 0.1 | | 6.1E+01 | n | 6.2E+02 | n | | | | | 3.7E+01 | n | | 1.1E-02 | |
| Mephosfolan | 950-10-7 | | | | | 9.0E-05 | H | | | | | 1 | 0.1 | | 5.5E+00 | n | 5.5E+01 | n | | | | | 3.3E+00 | n | | 3.9E-03 | |
| Mepiquat Chloride | 24307-26-4 | | | | | 3.0E-02 | I | | | | | 1 | 0.1 | | 1.8E+03 | n | 1.8E+04 | n | | | | | 1.1E+03 | n | | 6.0E-01 | |
| Merphos | 150-50-5 | | | | | 3.0E-05 | I | | | | | 1 | 0.1 | | 1.8E+00 | n | 1.8E+01 | n | | | | | 1.1E+00 | n | | 1.4E-01 | |
| Merphos Oxide | 78-48-8 | | | | | 3.0E-05 | I | | | | | 1 | 0.1 | | 1.8E+00 | n | 1.8E+01 | n | | | | | 1.1E+00 | n | | 4.4E-03 | |
| Metalaxyl | 57837-19-1 | | | | | 6.0E-02 | I | | | | | 1 | 0.1 | | 3.7E+03 | n | 3.7E+04 | n | | | | | 2.2E+03 | n | | 5.4E-01 | |
| Methacrylonitrile | 126-98-7 | | | | | 1.0E-04 | I | 7.0E-04 | H | V | | 1 | | 4.5E+03 | 3.2E+00 | n | 1.8E+01 | n | 7.3E-01 | n | 3.1E+00 | n | 1.0E+00 | n | | 2.4E-04 | |

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; H = HEAST; W = WHO; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are bsed on DAF=1

| Contaminant | | Toxicity and Chemical-specific Information | | | | | | | | | | | | Screening Levels | | | | | | | | | | Protection of Groundwater | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | CAS No. | SFO (mg/kg-day)$^{-1}$ | key | IUR (ug/m$^3$)$^{-1}$ | key | RfDo (mg/kg-day) | key | RfCi (mg/m$^3$) | key | voc | mutagen | RAGS Part E GIABS | RAGS Part E ABS | Csat mg/kg | Residential Soil mg/kg | key | Industrial Soil mg/kg | key | Residential Air ug/m$^3$ | key | Industrial Air ug/m$^3$ | key | Tapwater ug/L | key | MCL ug/L | Risk-based SSL mg/kg | MCL-based SSL mg/kg |
| Methamidophos | 10265-92-6 | | | | | 5.0E-05 | I | | | | | 1 | 0.1 | | 3.1E+00 | n | 3.1E+01 | n | | | | | 1.8E+00 | n | | 3.8E-04 | |
| Methanol | 67-56-1 | | | | | 5.0E-01 | I | 4.0E+00 | C | | | 1 | 0.1 | | 3.1E+04 | n | 3.1E+05 | nm | 4.2E+03 | n | 1.8E+04 | n | 1.8E+04 | n | | 3.7E+00 | |
| Methidathion | 950-37-8 | | | | | 1.0E-03 | I | | | | | 1 | 0.1 | | 6.1E+01 | n | 6.2E+02 | n | | | | | 3.7E+01 | n | | 8.0E-03 | |
| Methomyl | 16752-77-5 | | | | | 2.5E-02 | I | | | | | 1 | 0.1 | | 1.5E+03 | n | 1.5E+04 | n | | | | | 9.1E+02 | n | | 2.0E-01 | |
| Methoxy-5-nitroaniline, 2- | 99-59-2 | 4.9E-02 | C | 1.4E-05 | C | | | | | | | 1 | 0.1 | | 9.9E+00 | c | 3.5E+01 | c | 1.7E-01 | c | 8.8E-01 | c | 1.4E+00 | c | | 3.8E-04 | |
| Methoxychlor | 72-43-5 | | | | | 5.0E-03 | I | | | | | 1 | 0.1 | | 3.1E+02 | n | 3.1E+03 | n | | | | | 1.8E+02 | n | 4.0E+01 | 1.6E+01 | 3.4E+00 |
| Methoxyethanol Acetate, 2- | 110-49-6 | | | | | 2.0E-03 | H | | | | | 1 | 0.1 | | 1.2E+02 | n | 1.2E+03 | n | | | | | 7.3E+01 | n | | 1.5E-02 | |
| Methoxyethanol, 2- | 109-86-4 | | | | | 3.0E-03 | P | 2.0E-02 | I | | | 1 | 0.1 | | 1.8E+02 | n | 1.8E+03 | n | 2.1E+01 | n | 8.8E+01 | n | 1.1E+02 | n | | 2.2E-02 | |
| Methyl Acetate | 79-20-9 | | | | | 1.0E+00 | H | | | V | | 1 | | 2.9E+04 | 7.8E+04 | ns | 1.0E+06 | nms | | | | | 3.7E+04 | n | | 7.6E+00 | |
| Methyl Acrylate | 96-33-3 | | | | | 3.0E-02 | H | | | V | | 1 | | 6.9E+03 | 2.3E+03 | n | 3.1E+04 | ns | | | | | 1.1E+03 | n | | 2.3E-01 | |
| Methyl Ethyl Ketone (2-Butanone) | 78-93-3 | | | | | 6.0E-01 | I | 5.0E+00 | I | V | | 1 | | 2.8E+04 | 2.8E+04 | ns | 1.9E+05 | nms | 5.2E+03 | n | 2.2E+04 | n | 7.1E+03 | n | | 1.5E+00 | |
| Methyl Isobutyl Ketone (4-methyl-2-pentanone) | 108-10-1 | | | | | 8.0E-02 | H | 3.0E+00 | I | V | | 1 | | 3.2E+03 | 5.3E+03 | ns | 5.2E+04 | ns | 3.1E+03 | n | 1.3E+04 | n | 2.0E+03 | n | | 4.4E-01 | |
| Methyl Methacrylate | 80-62-6 | | | | | 1.4E+00 | I | 7.0E-01 | I | V | | 1 | | 2.5E+03 | 4.7E+03 | ns | 2.0E+04 | ns | 7.3E+02 | n | 3.1E+03 | n | 1.4E+03 | n | | 3.1E-01 | |
| Methyl Parathion | 298-00-0 | | | | | 2.5E-04 | I | | | | | 1 | 0.1 | | 1.5E+01 | n | 1.5E+02 | n | | | | | 9.1E+00 | n | | 1.1E-02 | |
| Methyl Styrene (Mixed Isomers) | 25013-15-4 | | | | | 6.0E-03 | H | 4.0E-02 | H | V | | 1 | | 4.5E+02 | 1.9E+02 | n | 1.1E+03 | ns | 4.2E+01 | n | 1.8E+02 | n | 6.0E+01 | n | | 1.1E-01 | |
| Methyl tert-Butyl Ether (MTBE) | 1634-04-4 | 1.8E-03 | C | 2.6E-07 | C | | | 3.0E+00 | I | V | | 1 | | 6.9E+03 | 3.9E+01 | c | 1.9E+02 | c | 9.4E+00 | c | 4.7E+01 | c | 1.2E+01 | c | | 2.7E-03 | |
| Methyl-5-Nitroaniline, 2- | 99-55-8 | 3.3E-02 | H | | | | | | | | | 1 | 0.1 | | 1.5E+01 | c | 5.2E+01 | c | | | | | 2.0E+00 | c | | 7.6E-04 | |
| Methylaniline Hydrochloride, 2- | 636-21-5 | 1.3E-01 | C | 3.7E-05 | C | | | | | | | 1 | 0.1 | | 3.7E+00 | c | 1.3E+01 | c | 6.6E-02 | c | 3.3E-01 | c | 5.2E-01 | c | | 1.8E-04 | |
| Methylarsonic acid | 124-58-3 | | | | | 1.0E-02 | A | | | A | | 1 | 0.1 | | 6.1E+02 | n | 6.2E+03 | n | | | | | 3.7E+02 | n | | | |
| Methylene Chloride | 75-09-2 | 7.5E-03 | I | 4.7E-07 | I | 6.0E-02 | I | 1.1E+00 | A | V | | 1 | | 3.5E+03 | 1.1E+01 | c | 5.4E+01 | c | 5.2E+00 | c | 2.6E+01 | c | 4.8E+00 | c | 5.0E+00 | 1.2E-03 | 1.3E-03 |
| Methylene-bis(2-chloroaniline), 4,4'- | 101-14-4 | 1.0E-01 | P | 4.3E-04 | C | 2.0E-03 | P | | | | M | 1 | 0.1 | | 1.2E+00 | c | 1.7E+01 | c* | 2.2E-03 | c | 2.9E-02 | c | 2.2E-01 | c | | 5.9E-03 | |
| Methylene-bis(N,N-dimethyl) Aniline, 4,4'- | 101-61-1 | 4.6E-02 | I | | | | | | | | | 1 | 0.1 | | 1.1E+01 | c | 3.7E+01 | c | | | | | 1.5E+00 | c | | 4.3E-02 | |
| Methylenebisbenzenamine, 4,4'- | 101-77-9 | 1.6E+00 | C | 4.6E-04 | C | | | | | | | 1 | 0.1 | | 3.0E-01 | c | 1.1E+00 | c | 5.3E-03 | c | 2.7E-02 | c | 4.2E-02 | c | | 4.2E-04 | |
| Methylenediphenyl Diisocyanate | 101-68-8 | | | | | | | 6.0E-04 | I | | | 1 | 0.1 | | 8.5E+05 | nm | 3.6E+06 | nm | 6.3E-01 | n | 2.6E+00 | n | | | | | |
| Methylstyrene, Alpha- | 98-83-9 | | | | | 7.0E-02 | H | | | V | | 1 | | 4.5E+02 | 5.5E+03 | ns | 7.2E+04 | ns | | | | | 2.6E+03 | n | | 4.7E+00 | |
| Metolachlor | 51218-45-2 | | | | | 1.5E-01 | I | | | | | 1 | 0.1 | | 9.2E+03 | n | 9.2E+04 | n | | | | | 5.5E+03 | n | | 4.3E+00 | |
| Metribuzin | 21087-64-9 | | | | | 2.5E-02 | I | | | | | 1 | 0.1 | | 1.5E+03 | n | 1.5E+04 | n | | | | | 9.1E+02 | n | | 2.4E+00 | |
| Mirex | 2385-85-5 | 1.8E+01 | C | 5.1E-03 | C | 2.0E-04 | I | | | | | 1 | 0.1 | | 2.7E-02 | c | 9.6E-02 | c | 4.8E-04 | c | 2.4E-03 | c | 3.7E-03 | c | | 3.5E-03 | |
| Molinate | 2212-67-1 | | | | | 2.0E-03 | I | | | | | 1 | 0.1 | | 1.2E+02 | n | 1.2E+03 | n | | | | | 7.3E+01 | n | | 5.6E-02 | |
| Molybdenum | 7439-98-7 | | | | | 5.0E-03 | I | | | | | 1 | | | 3.9E+02 | n | 5.1E+03 | n | | | | | 1.8E+02 | n | | 3.7E+00 | |
| Monochloramine | 10599-90-3 | | | | | 1.0E-01 | I | | | | | 1 | | | 7.8E+03 | n | 1.0E+05 | nm | | | | | 3.7E+03 | n | | | |
| Monomethylaniline | 100-61-8 | | | | | 2.0E-03 | P | | | | | 1 | 0.1 | | 1.2E+02 | n | 1.2E+03 | n | | | | | 7.3E+01 | n | | 2.4E-02 | |
| **Mercury Compounds** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mercuric Chloride | 7487-94-7 | | | | | 3.0E-04 | I | | | | | 0.07 | | | 2.3E+01 | n | 3.1E+02 | n | | | | | 1.1E+01 | n | | | |
| Mercuric Sulfide | 1344-48-5 | | | | | 3.0E-04 | S | | | | | 1 | | | 2.3E+01 | n | 3.1E+02 | n | | | | | 1.1E+01 | n | | | |
| Mercury (elemental) | 7439-97-6 | | | | | | | 3.0E-04 | I | V | | 1 | | 3.1E+00 | 6.7E+00 | ns | 2.8E+01 | ns | 3.1E-01 | n | 1.3E+00 | n | 6.3E-01 | n | 2.0E+00 | 3.3E-02 | 1.0E-01 |
| Mercury, Inorganic Salts | NA | | | | | 3.0E-04 | I | | | | | 0.07 | | | 2.3E+01 | n | 3.1E+02 | n | | | | | 1.1E+01 | n | | 5.7E-01 | |
| Methyl Mercury | 22967-92-6 | | | | | 1.0E-04 | I | | | | | 1 | | | 7.8E+00 | n | 1.0E+02 | n | | | | | 3.7E+00 | n | | | |
| Phenylmercuric Acetate | 62-38-4 | | | | | 8.0E-05 | I | | | | | 1 | 0.1 | | 4.9E+00 | n | 4.9E+01 | n | | | | | 2.9E+00 | n | | 1.6E-03 | |
| N,N'-Diphenyl-1,4-benzenediamine | 74-31-7 | | | | | 3.0E-04 | P | | | | | 1 | 0.1 | | 1.8E+01 | n | 1.8E+02 | n | | | | | 1.1E+01 | n | | 2.8E+00 | |
| Naled | 300-76-5 | | | | | 2.0E-03 | I | | | | | 1 | 0.1 | | 1.2E+02 | n | 1.2E+03 | n | | | | | 7.3E+01 | n | | 2.9E-02 | |
| Napropamide | 15299-99-7 | | | | | 1.0E-01 | I | | | | | 1 | 0.1 | | 6.1E+03 | n | 6.2E+04 | n | | | | | 3.7E+03 | n | | 8.5E+01 | |
| Nickel Refinery Dust | NA | | | 2.4E-04 | I | | | | | | | 0.04 | | | 1.4E+04 | c | 6.9E+04 | c | 1.0E-02 | c | 5.1E-02 | c | | | | | |
| Nickel Soluble Salts | 7440-02-0 | | | | | 2.0E-02 | I | | | | | 0.04 | | | 1.6E+03 | n | 2.0E+04 | n | | | | | 7.3E+02 | n | | 4.8E+01 | |
| Nickel Subsulfide | 12035-72-2 | | | 4.8E-04 | I | | | | | | | 0.04 | | | 6.9E+03 | c | 3.5E+04 | c | 5.1E-03 | c | 2.6E-02 | c | | | | | |
| Nitrate | 14797-55-8 | | | | | 1.6E+00 | I | | | | | 1 | | | 1.3E+05 | nm | 1.6E+06 | nm | | | | | 5.8E+04 | n | 1.0E+04 | | |
| Nitrite | 14797-65-0 | | | | | 1.0E-01 | I | | | | | 1 | | | 7.8E+03 | n | 1.0E+05 | nm | | | | | 3.7E+03 | n | 1.0E+03 | | |
| Nitroaniline, 3- | 99-09-2 | 2.1E-02 | P | | | 3.0E-04 | P | 1.0E-03 | P | | | 1 | 0.1 | | 1.8E+01 | n | 8.2E+01 | c** | 1.0E+00 | n | 4.4E+00 | n | 3.2E+00 | c** | | 9.7E-04 | |
| Nitroaniline, 4- | 100-01-6 | 2.1E-02 | P | | | 3.0E-03 | P | 4.0E-03 | P | | | 1 | 0.1 | | 2.3E+01 | c** | 8.2E+01 | c* | 4.2E+00 | n | 1.8E+01 | n | 3.2E+00 | c* | | 9.7E-04 | |
| Nitrobenzene | 98-95-3 | | | | | 5.0E-04 | I | 2.0E-03 | H | V | | 1 | | 2.6E+03 | 3.1E+01 | n | 2.8E+02 | n | 2.1E+00 | n | 8.8E+00 | n | 3.4E+00 | n | | 2.0E-03 | |
| Nitrofurantoin | 67-20-9 | | | | | 7.0E-02 | H | | | | | 1 | 0.1 | | 4.3E+03 | n | 4.3E+04 | n | | | | | 2.6E+03 | n | | 1.9E+00 | |
| Nitrofurazone | 59-87-0 | 1.3E+00 | C | 3.7E-04 | C | | | | | | | 1 | 0.1 | | 3.7E-01 | c | 1.3E+00 | c | 6.6E-03 | c | 3.3E-02 | c | 5.2E-02 | c | | 4.9E-05 | |
| Nitroglycerin | 55-63-0 | 1.7E-02 | P | | | 1.0E-04 | P | | | | | 1 | 0.1 | | 6.1E+00 | n | 6.2E+01 | n | | | | | 3.7E+00 | n | | 1.7E-03 | |
| Nitroguanidine | 556-88-7 | | | | | 1.0E-01 | I | | | | | 1 | 0.1 | | 6.1E+03 | n | 6.2E+04 | n | | | | | 3.7E+03 | n | | 9.2E-01 | |
| Nitromethane | 75-52-5 | | | 9.0E-06 | P | | | 2.0E-02 | P | V | | 1 | | 1.7E+04 | 4.7E+00 | c* | 2.4E+01 | c* | 2.7E-01 | c* | 1.4E+00 | c* | 5.4E-01 | c* | | 1.2E-04 | |
| Nitropropane, 2- | 79-46-9 | | | 2.7E-03 | H | | | 2.0E-02 | I | V | | 1 | | 4.3E+03 | 1.2E-02 | c | 6.0E-02 | c | 9.0E-04 | c | 4.5E-03 | c | 1.8E-03 | c | | 4.5E-07 | |
| Nitroso-di-N-butylamine, N- | 924-16-3 | 5.4E+00 | I | 1.6E-03 | I | | | | | V | | 1 | | 1.3E+04 | 9.3E-02 | c | 4.3E-01 | c | 1.5E-03 | c | 7.7E-03 | c | 2.4E-03 | c | | 8.6E-06 | |
| Nitroso-di-N-propylamine, N- | 621-64-7 | 7.0E+00 | I | | | | | | | | | 1 | 0.1 | | 6.9E-02 | c | 2.5E-01 | c | | | | | 9.6E-03 | c | | 1.1E-05 | |
| Nitroso-N-ethylurea, N- | 759-73-9 | 2.7E+01 | C | 7.7E-03 | C | | | | | | M | 1 | 0.1 | | 4.3E-03 | c | 6.4E-02 | c | 1.2E-04 | c | 1.6E-03 | c | 8.0E-04 | c | | 2.2E-07 | |
| Nitrosodiethanolamine, N- | 1116-54-7 | 2.8E+00 | I | | | | | | | | | 1 | 0.1 | | 1.7E-01 | c | 6.2E-01 | c | | | | | 2.4E-02 | c | | 4.9E-06 | |
| Nitrosodiethylamine, N- | 55-18-5 | 1.5E+02 | I | 4.3E-02 | I | | | | | | M | 1 | 0.1 | | 7.7E-04 | c | 1.1E-02 | c | 2.2E-05 | c | 2.9E-04 | c | 1.4E-04 | c | | 7.0E-08 | |
| Nitrosodimethylamine, N- | 62-75-9 | 5.1E+01 | I | 1.4E-02 | I | 8.0E-06 | P | | | | M | 1 | 0.1 | | 2.3E-03 | c | 3.4E-02 | c | 6.9E-05 | c | 8.8E-04 | c | 4.2E-04 | c | | 1.2E-07 | |
| Nitrosodiphenylamine, N- | 86-30-6 | 4.9E-03 | I | | | | | | | | | 1 | 0.1 | | 9.9E+01 | c | 3.5E+02 | c | | | | | 1.4E+01 | c | | 1.7E-01 | |

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; H = HEAST; W = WHO; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are bsed on DAF=1

| Contaminant | | Toxicity and Chemical-specific Information | | | | | | | | | | | | | Screening Levels | | | | | | | | | | Protection of Groundwater | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | CAS No. | SFO (mg/kg-day)$^{-1}$ | key | IUR (ug/m$^3$)$^{-1}$ | key | RfDo (mg/kg-day) | key | RfCi (mg/m$^3$) | key | voc | muta-gen | RAGS Part E GIABS | RAGS Part E ABS | Csat mg/kg | Residential Soil mg/kg | key | Industrial Soil mg/kg | key | Residential Air ug/m$^3$ | key | Industrial Air ug/m$^3$ | key | Tapwater ug/L | key | MCL ug/L | Risk-based SSL mg/kg | MCL-based SSL mg/kg |
| Nitrosomethylethylamine, N- | 10595-95-6 | 2.2E+01 | I | | | | | | | | | 1 | 0.1 | | 2.2E-02 | c | 7.8E-02 | c | | | | | 3.1E-03 | c | | 1.1E-06 | |
| Nitrosopyrrolidine, N- | 930-55-2 | 2.1E+00 | I | 6.1E-04 | I | | | | | | | 1 | 0.1 | | 2.3E-01 | c | 8.2E-01 | c | 4.0E-03 | c | 2.0E-02 | c | 3.2E-02 | c | | 1.7E-05 | |
| Nitrotoluene, m- | 99-08-1 | | | | | 2.0E-02 | P | | | | | 1 | 0.1 | | 1.2E+03 | n | 1.2E+04 | n | | | | | 7.3E+02 | n | | 6.0E-01 | |
| Nitrotoluene, o- | 88-72-2 | 2.2E-01 | P | | | 9.0E-04 | P | | | V | | 1 | | 1.3E+03 | 2.9E+00 | c* | 1.3E+01 | c* | | | | | 3.1E-01 | c | | 2.5E-04 | |
| Nitrotoluene, p- | 99-99-0 | 1.6E-02 | P | | | 4.0E-03 | P | | | | | 1 | 0.1 | | 3.0E+01 | c** | 1.1E+02 | c* | | | | | 4.2E+00 | c* | | 3.4E-03 | |
| Norflurazon | 27314-13-2 | | | | | 4.0E-02 | I | | | | | 1 | 0.1 | | 2.4E+03 | n | 2.5E+04 | n | | | | | 1.5E+03 | n | | 1.7E+01 | |
| Nustar | 85509-19-9 | | | | | 7.0E-04 | I | | | | | 1 | 0.1 | | 4.3E+01 | n | 4.3E+02 | n | | | | | 2.6E+01 | n | | 9.0E+01 | |
| Octabromodiphenyl Ether | 32536-52-0 | | | | | 3.0E-03 | I | | | | | 1 | 0.1 | | 1.8E+02 | n | 1.8E+03 | n | | | | | 1.1E+02 | n | | 3.1E+01 | |
| Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX) | 2691-41-0 | | | | | 5.0E-02 | I | | | | | 1 | 0.006 | | 3.8E+03 | n | 4.9E+04 | n | | | | | 1.8E+03 | n | | 7.1E+00 | |
| Octamethylpyrophosphoramide | 152-16-9 | | | | | 2.0E-03 | H | | | | | 1 | 0.1 | | 1.2E+02 | n | 1.2E+03 | n | | | | | 7.3E+01 | n | | 1.3E-01 | |
| Oryzalin | 19044-88-3 | | | | | 5.0E-02 | I | | | | | 1 | 0.1 | | 3.1E+03 | n | 3.1E+04 | n | | | | | 1.8E+03 | n | | 4.8E+00 | |
| Oxadiazon | 19666-30-9 | | | | | 5.0E-03 | I | | | | | 1 | 0.1 | | 3.1E+02 | n | 3.1E+03 | n | | | | | 1.8E+02 | n | | 1.3E+00 | |
| Oxamyl | 23135-22-0 | | | | | 2.5E-02 | I | | | | | 1 | 0.1 | | 1.5E+03 | n | 1.5E+04 | n | | | | | 9.1E+02 | n | 2.0E+02 | 2.0E-01 | 4.4E-02 |
| Paclobutrazol | 76738-62-0 | | | | | 1.3E-02 | I | | | | | 1 | 0.1 | | 7.9E+02 | n | 8.0E+03 | n | | | | | 4.7E+02 | n | | 1.2E+01 | |
| Paraquat Dichloride | 1910-42-5 | | | | | 4.5E-03 | I | | | | | 1 | 0.1 | | 2.7E+02 | n | 2.8E+03 | n | | | | | 1.6E+02 | n | | 4.9E-01 | |
| Parathion | 56-38-2 | | | | | 6.0E-03 | H | | | | | 1 | 0.1 | | 3.7E+02 | n | 3.7E+03 | n | | | | | 2.2E+02 | n | | 8.2E-01 | |
| Pebulate | 1114-71-2 | | | | | 5.0E-02 | H | | | | | 1 | 0.1 | | 3.1E+03 | n | 3.1E+04 | n | | | | | 1.8E+03 | n | | 2.1E+00 | |
| Pendimethalin | 40487-42-1 | | | | | 4.0E-02 | I | | | | | 1 | 0.1 | | 2.4E+03 | n | 2.5E+04 | n | | | | | 1.5E+03 | n | | 7.9E+00 | |
| Pentabromodiphenyl Ether | 32534-81-9 | | | | | 2.0E-03 | I | | | | | 1 | 0.1 | | 1.2E+02 | n | 1.2E+03 | n | | | | | 7.3E+01 | n | | 4.5E+00 | |
| Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99) | 60348-60-9 | | | | | 1.0E-04 | I | | | | | | | | 7.8E+00 | n | 1.0E+02 | n | | | | | 3.7E+00 | n | | | |
| Pentachlorobenzene | 608-93-5 | | | | | 8.0E-04 | I | | | | | 1 | 0.1 | | 4.9E+01 | n | 4.9E+02 | n | | | | | 2.9E+01 | n | | 1.2E-01 | |
| Pentachloroethane | 76-01-7 | 9.0E-02 | P | | | | | | | | | 1 | 0.1 | | 5.4E+00 | c | 1.9E+01 | c | | | | | 7.5E-01 | c | | 3.9E-04 | |
| Pentachloronitrobenzene | 82-68-8 | 2.6E-01 | H | | | 3.0E-03 | I | | | | | 1 | 0.1 | | 1.9E+00 | c* | 6.6E+00 | c | | | | | 2.6E-01 | c | | 1.3E-03 | |
| Pentachlorophenol | 87-86-5 | 1.2E-01 | I | | | 3.0E-02 | I | | | | | 1 | 0.25 | | 3.0E+00 | c | 9.0E+00 | c | | | | | 5.6E-01 | c | 1.0E+00 | 3.9E-03 | 7.0E-03 |
| Perchlorate and Perchlorate Salts | 14797-73-0 | | | | | 7.0E-04 | I | | | | | 1 | | | 5.5E+01 | n | 7.2E+02 | n | | | | | 2.6E+01 | n | | | |
| Permethrin | 52645-53-1 | | | | | 5.0E-02 | I | | | | | 1 | 0.1 | | 3.1E+03 | n | 3.1E+04 | n | | | | | 1.8E+03 | n | | 6.5E+02 | |
| Phenmedipham | 13684-63-4 | | | | | 2.5E-01 | I | | | | | 1 | 0.1 | | 1.5E+04 | n | 1.5E+05 | nm | | | | | 9.1E+03 | n | | 6.8E+00 | |
| Phenol | 108-95-2 | | | | | 3.0E-01 | I | 2.0E-01 | C | | | 1 | 0.1 | | 1.8E+04 | n | 1.8E+05 | nm | 2.1E+02 | n | 8.8E+02 | n | 1.1E+04 | n | | 8.1E+00 | |
| Phenylenediamine, m- | 108-45-2 | | | | | 6.0E-03 | I | | | | | 1 | 0.1 | | 3.7E+02 | n | 3.7E+03 | n | | | | | 2.2E+02 | n | | 7.6E-02 | |
| Phenylenediamine, o- | 95-54-5 | 4.7E-02 | H | | | | | | | | | 1 | 0.1 | | 1.0E+01 | c | 3.7E+01 | c | | | | | 1.4E+00 | c | | 5.0E-04 | |
| Phenylenediamine, p- | 106-50-3 | | | | | 1.9E-01 | H | | | | | 1 | 0.1 | | 1.2E+04 | n | 1.2E+05 | nm | | | | | 6.9E+03 | n | | 2.4E+00 | |
| Phenylphenol, 2- | 90-43-7 | 1.9E-03 | H | | | | | | | | | 1 | 0.1 | | 2.5E+02 | c | 8.9E+02 | c | | | | | 3.5E+01 | c | | 7.2E-01 | |
| Phorate | 298-02-2 | | | | | 2.0E-04 | H | | | | | 1 | 0.1 | | 1.2E+01 | n | 1.2E+02 | n | | | | | 7.3E+00 | n | | 7.9E-03 | |
| Phosgene | 75-44-5 | | | | | | | 3.0E-04 | I | V | | 1 | | 8.7E+04 | 4.0E-01 | n | 1.7E+00 | n | 3.1E-01 | n | 1.3E+00 | n | | | | | |
| Phosmet | 732-11-6 | | | | | 2.0E-02 | I | | | | | 1 | 0.1 | | 1.2E+03 | n | 1.2E+04 | n | | | | | 7.3E+02 | n | | 2.1E-01 | |
| Phosphine | 7803-51-2 | | | | | 3.0E-04 | I | 3.0E-04 | I | | | 1 | | | 2.3E+01 | n | 3.1E+02 | n | 3.1E-01 | n | 1.3E+00 | n | 1.1E+01 | n | | | |
| Phosphoric Acid | 7664-38-2 | | | | | | | 1.0E-02 | I | | | 1 | | | 1.4E+07 | nm | 6.0E+07 | nm | 1.0E+01 | n | 4.4E+01 | n | | | | | |
| Phosphorus, White | 7723-14-0 | | | | | 2.0E-05 | I | | | | | 1 | | | 1.6E+00 | n | 2.0E+01 | n | | | | | 7.3E-01 | n | | 2.7E-03 | |
| Phthalic Acid, P- | 100-21-0 | | | | | 1.0E+00 | H | | | | | 1 | 0.1 | | 6.1E+04 | n | 6.2E+05 | nm | | | | | 3.7E+04 | n | | 1.3E+01 | |
| Phthalic Anhydride | 85-44-9 | | | | | 2.0E+00 | I | 2.0E-02 | C | | | 1 | 0.1 | | 1.2E+05 | nm | 1.2E+06 | nm | 2.1E+01 | n | 8.8E+01 | n | 7.3E+04 | n | | 1.6E+01 | |
| Picloram | 1918-02-1 | | | | | 7.0E-02 | I | | | | | 1 | 0.1 | | 4.3E+03 | n | 4.3E+04 | n | | | | | 2.6E+03 | n | 5.0E+02 | 6.0E-01 | 1.2E-01 |
| Picramic Acid (2-Amino-4,6-dinitrophenol) | 96-91-3 | | | | | 2.0E-03 | P | | | | | 1 | 0.1 | | 1.2E+02 | n | 1.2E+03 | n | | | | | 7.3E+01 | n | | 2.9E-02 | |
| Pirimiphos, Methyl | 29232-93-7 | | | | | 1.0E-02 | I | | | | | 1 | 0.1 | | 6.1E+02 | n | 6.2E+03 | n | | | | | 3.7E+02 | n | | 1.7E-01 | |
| Polybrominated Biphenyls | 59536-65-1 | 3.0E+01 | C | 8.6E-03 | C | 7.0E-06 | H | | | | | 1 | 0.1 | | 1.6E-02 | c* | 5.7E-02 | c* | 2.8E-04 | c | 1.4E-03 | c | 2.2E-03 | c | | | |
| Polymeric Methylene Diphenyl Diisocyanate (PMDI) | 9016-87-9 | | | | | | | 6.0E-04 | I | | | 1 | 0.1 | | 8.5E+05 | nm | 3.6E+06 | nm | 6.3E-01 | n | 2.6E+00 | n | | | | | |
| Potassium Perchlorate | 7778-74-7 | | | | | 7.0E-04 | I | | | | | 1 | | | 5.5E+01 | n | 7.2E+02 | n | | | | | 2.6E+01 | n | | | |
| Prochloraz | 67747-09-5 | 1.5E-01 | I | | | 9.0E-03 | I | | | | | 1 | 0.1 | | 3.2E+00 | c | 1.1E+01 | c | | | | | 4.5E-01 | c | | 2.5E-03 | |
| Profluralin | 26399-36-0 | | | | | 6.0E-03 | H | | | | | 1 | 0.1 | | 3.7E+02 | n | 3.7E+03 | n | | | | | 2.2E+02 | n | | 8.0E+00 | |
| Prometon | 1610-18-0 | | | | | 1.5E-02 | I | | | | | 1 | 0.1 | | 9.2E+02 | n | 9.2E+03 | n | | | | | 5.5E+02 | n | | 2.8E-01 | |
| Prometryn | 7287-19-6 | | | | | 4.0E-03 | I | | | | | 1 | 0.1 | | 2.4E+02 | n | 2.5E+03 | n | | | | | 1.5E+02 | n | | 2.3E-01 | |
| Propachlor | 1918-16-7 | | | | | 1.3E-02 | I | | | | | 1 | 0.1 | | 7.9E+02 | n | 8.0E+03 | n | | | | | 4.7E+02 | n | | 3.7E-01 | |
| Propanil | 709-98-8 | | | | | 5.0E-03 | I | | | | | 1 | 0.1 | | 3.1E+02 | n | 3.1E+03 | n | | | | | 1.8E+02 | n | | 1.1E-01 | |
| Propargite | 2312-35-8 | | | | | 2.0E-02 | I | | | | | 1 | 0.1 | | 1.2E+03 | n | 1.2E+04 | n | | | | | 7.3E+02 | n | | 2.0E+02 | |
| Propargyl Alcohol | 107-19-7 | | | | | 2.0E-03 | I | | | | | 1 | 0.1 | | 1.2E+02 | n | 1.2E+03 | n | | | | | 7.3E+01 | n | | 1.5E-02 | |
| Propazine | 139-40-2 | | | | | 2.0E-02 | I | | | | | 1 | 0.1 | | 1.2E+03 | n | 1.2E+04 | n | | | | | 7.3E+02 | n | | 6.7E-01 | |
| Propham | 122-42-9 | | | | | 2.0E-02 | I | | | | | 1 | 0.1 | | 1.2E+03 | n | 1.2E+04 | n | | | | | 7.3E+02 | n | | 3.3E-01 | |
| Propiconazole | 60207-90-1 | | | | | 1.3E-02 | I | | | | | 1 | 0.1 | | 7.9E+02 | n | 8.0E+03 | n | | | | | 4.7E+02 | n | | 5.4E+00 | |
| Propylene Glycol | 57-55-6 | | | | | 2.0E+01 | P | | | | | 1 | 0.1 | | 1.2E+06 | nm | 1.2E+07 | nm | | | | | 7.3E+05 | n | | 1.5E+02 | |
| Propylene Glycol Dinitrate | 6423-43-4 | | | | | | A | 2.7E-04 | A | V | | 1 | | 1.4E+03 | 6.0E+01 | n | 2.5E+02 | n | 2.8E-01 | n | 1.2E+00 | n | 5.7E-01 | n | | 1.9E-04 | |
| Propylene Glycol Monoethyl Ether | 1569-02-4 | | | | | 7.0E-01 | H | | | | | 1 | 0.1 | | 4.3E+04 | n | 4.3E+05 | nm | | | | | 2.6E+04 | n | | 5.2E+00 | |
| Propylene Glycol Monomethyl Ether | 107-98-2 | | | | | 7.0E-01 | H | 2.0E+00 | I | | | 1 | 0.1 | | 4.3E+04 | n | 4.3E+05 | nm | 2.1E+03 | n | 8.8E+03 | n | 2.6E+04 | n | | 5.2E+00 | |
| Propylene Oxide | 75-56-9 | 2.4E-01 | I | 3.7E-06 | I | | | 3.0E-02 | I | V | | 1 | | 6.8E+04 | 1.9E+00 | c | 8.7E+00 | c | 6.6E-01 | c* | 3.3E+00 | c* | 2.3E-01 | c | | 4.7E-05 | |
| Pursuit | 81335-77-5 | | | | | 2.5E-01 | I | | | | | 1 | 0.1 | | 1.5E+04 | n | 1.5E+05 | nm | | | | | 9.1E+03 | n | | 2.7E+01 | |

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; H = HEAST; W = WHO; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are bsed on DAF=1

| Contaminant | | Toxicity and Chemical-specific Information | | | | | | | | | | | | Screening Levels | | | | | | | | | | Protection of Groundwater | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | CAS No. | SFO (mg/kg-day)$^{-1}$ | key | IUR (ug/m$^3$)$^{-1}$ | key | RfDo (mg/kg-day) | key | RfCi (mg/m$^3$) | key | voc | mutagen | RAGS Part E GIABS | RAGS Part E ABS | Csat mg/kg | Residential Soil mg/kg | key | Industrial Soil mg/kg | key | Residential Air ug/m$^3$ | key | Industrial Air ug/m$^3$ | key | Tapwater ug/L | key | MCL ug/L | Risk-based SSL mg/kg | MCL-based SSL mg/kg |
| Pydrin | 51630-58-1 | | | | | 2.5E-02 | I | | | | | 1 | 0.1 | | 1.5E+03 | n | 1.5E+04 | n | | | | | 9.1E+02 | n | | 8.1E+02 | |
| Pyridine | 110-86-1 | | | | | 1.0E-03 | I | | | V | | 1 | | 3.0E+05 | 7.8E+01 | n | 1.0E+03 | n | | | | | 3.7E+01 | n | | 9.7E-03 | |
| **Polychlorinated Biphenyls (PCBs)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aroclor 1016 | 12674-11-2 | 7.0E-02 | I | 2.0E-05 | I | 7.0E-05 | I | | | | | 1 | 0.14 | | 3.9E+00 | n | 2.1E+01 | c** | 1.2E-01 | c | 6.1E-01 | c | 9.6E-01 | c** | | 5.2E-02 | |
| Aroclor 1221 | 11104-28-2 | 2.0E+00 | I | 5.7E-04 | I | | | | | V | | 1 | 0.14 | 3.0E+02 | 1.7E-01 | c | 6.2E-01 | c | 4.3E-03 | c | 2.1E-02 | c | 6.8E-03 | c | | 1.4E-04 | |
| Aroclor 1232 | 11141-16-5 | 2.0E+00 | I | 5.7E-04 | I | | | | | V | | 1 | 0.14 | 3.0E+02 | 1.7E-01 | c | 6.2E-01 | c | 4.3E-03 | c | 2.1E-02 | c | 6.8E-03 | c | | 1.4E-04 | |
| Aroclor 1242 | 53469-21-9 | 2.0E+00 | I | 5.7E-04 | I | | | | | | | 1 | 0.14 | | 2.2E-01 | c | 7.4E-01 | c | 4.3E-03 | c | 2.1E-02 | c | 3.4E-02 | c | | 3.0E-03 | |
| Aroclor 1248 | 12672-29-6 | 2.0E+00 | I | 5.7E-04 | I | | | | | | | 1 | 0.14 | | 2.2E-01 | c | 7.4E-01 | c | 4.3E-03 | c | 2.1E-02 | c | 3.4E-02 | c | | 3.0E-03 | |
| Aroclor 1254 | 11097-69-1 | 2.0E+00 | I | 5.7E-04 | I | 2.0E-05 | I | | | | | 1 | 0.14 | | 2.2E-01 | c** | 7.4E-01 | c* | 4.3E-03 | c | 2.1E-02 | c | 3.4E-02 | c* | | 5.1E-03 | |
| Aroclor 1260 | 11096-82-5 | 2.0E+00 | I | 5.7E-04 | I | | | | | | | 1 | 0.14 | | 2.2E-01 | c | 7.4E-01 | c | 4.3E-03 | c | 2.1E-02 | c | 3.4E-02 | c | | 1.4E-02 | |
| Heptachlorobiphenyl, 2,2',3,3',4,4',5- (PCB 170) | 35065-30-6 | 1.3E+01 | W | 3.8E-03 | W | | | | | | | 1 | 0.14 | | 3.4E-02 | c | 1.1E-01 | c | 6.4E-04 | c | 3.2E-03 | c | 5.2E-03 | c | | 2.2E-03 | |
| Heptachlorobiphenyl, 2,2',3,4,4',5,5'- (PCB 180) | 35065-29-3 | 1.3E+00 | W | 3.8E-04 | W | | | | | | | 1 | 0.14 | | 3.4E-01 | c | 1.1E+00 | c | 6.4E-03 | c | 3.2E-02 | c | 5.2E-02 | c | | 2.1E-02 | |
| Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189) | 39635-31-9 | 3.9E+00 | W | 1.1E-03 | W | | | | | | | 1 | 0.14 | | 1.1E-01 | c | 3.8E-01 | c | 2.1E-03 | c | 1.1E-02 | c | 1.7E-02 | c | | 7.1E-03 | |
| Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167) | 52663-72-6 | 3.9E+00 | W | 1.1E-03 | W | | | | | | | 1 | 0.14 | | 1.1E-01 | c | 3.8E-01 | c | 2.1E-03 | c | 1.1E-02 | c | 1.7E-02 | c | | 4.2E-03 | |
| Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157) | 69782-90-7 | 3.9E+00 | W | 1.1E-03 | W | | | | | | | 1 | 0.14 | | 1.1E-01 | c | 3.8E-01 | c | 2.1E-03 | c | 1.1E-02 | c | 1.7E-02 | c | | 4.3E-03 | |
| Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156) | 38380-08-4 | 3.9E+00 | W | 1.1E-03 | W | | | | | | | 1 | 0.14 | | 1.1E-01 | c | 3.8E-01 | c | 2.1E-03 | c | 1.1E-02 | c | 1.7E-02 | c | | 4.3E-03 | |
| Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169) | 32774-16-6 | 3.9E+03 | W | 1.1E+00 | W | | | | | | | 1 | 0.14 | | 1.1E-04 | c | 3.8E-04 | c | 2.1E-06 | c | 1.1E-05 | c | 1.7E-05 | c | | 4.2E-06 | |
| Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123) | 65510-44-3 | 3.9E+00 | W | 1.1E-03 | W | | | | | | | 1 | 0.14 | | 1.1E-01 | c | 3.8E-01 | c | 2.1E-03 | c | 1.1E-02 | c | 1.7E-02 | c | | 2.6E-03 | |
| Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118) | 31508-00-6 | 3.9E+00 | W | 1.1E-03 | W | | | | | | | 1 | 0.14 | | 1.1E-01 | c | 3.8E-01 | c | 2.1E-03 | c | 1.1E-02 | c | 1.7E-02 | c | | 2.6E-03 | |
| Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105) | 32598-14-4 | 3.9E+00 | W | 1.1E-03 | W | | | | | | | 1 | 0.14 | | 1.1E-01 | c | 3.8E-01 | c | 2.1E-03 | c | 1.1E-02 | c | 1.7E-02 | c | | 2.6E-03 | |
| Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114) | 74472-37-0 | 3.9E+00 | W | 1.1E-03 | W | | | | | | | 1 | 0.14 | | 1.1E-01 | c | 3.8E-01 | c | 2.1E-03 | c | 1.1E-02 | c | 1.7E-02 | c | | 2.6E-03 | |
| Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126) | 57465-28-8 | 1.3E+04 | W | 3.8E+00 | W | | | | | | | 1 | 0.14 | | 3.4E-05 | c | 1.1E-04 | c | 6.4E-07 | c | 3.2E-06 | c | 5.2E-06 | c | | 7.7E-07 | |
| Polychlorinated Biphenyls (high risk) | 1336-36-3 | 2.0E+00 | I | 5.7E-04 | C | | | | | | | 1 | 0.1 | | 2.4E-01 | c | 8.6E-01 | c | 4.3E-03 | c | 2.2E-02 | c | | | | | |
| Polychlorinated Biphenyls (low risk) | 1336-36-3 | 4.0E-01 | I | 1.0E-04 | I | | | | | | | 1 | 0.1 | | | | | | 2.4E-02 | c | 1.2E-01 | c | 1.7E-01 | c | 5.0E-01 | 1.5E-02 | 4.5E-02 |
| Polychlorinated Biphenyls (lowest risk) | 1336-36-3 | 7.0E-02 | I | | | | | | | | | 1 | 0.1 | | | | | | | | | | | | | | |
| Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77) | 32598-13-3 | 1.3E+01 | W | 3.8E-03 | W | | | | | | | 1 | 0.14 | | 3.4E-02 | c | 1.1E-01 | c | 6.4E-04 | c | 3.2E-03 | c | 5.2E-03 | c | | 4.6E-04 | |
| Tetrachlorobiphenyl, 3,4,4',5- (PCB 81) | 70362-50-4 | 3.9E+01 | W | 1.1E-02 | W | | | | | | | 1 | 0.14 | | 1.1E-02 | c | 3.8E-02 | c | 2.1E-04 | c | 1.1E-03 | c | 1.7E-03 | c | | 1.5E-04 | |
| **Polynuclear Aromatic Hydrocarbons (PAHs)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acenaphthene | 83-32-9 | | | | | 6.0E-02 | I | | | V | | 1 | 0.13 | | 3.4E+03 | n | 3.3E+04 | n | | | | | 2.2E+03 | n | | 2.7E+01 | |
| Anthracene | 120-12-7 | | | | | 3.0E-01 | I | | | V | | 1 | 0.13 | | 1.7E+04 | n | 1.7E+05 | nm | | | | | 1.1E+04 | n | | 4.5E+02 | |
| Benz[a]anthracene | 56-55-3 | 7.3E-01 | * | 1.1E-04 | C | | | | | | M | 1 | 0.13 | | 1.5E-01 | c | 2.1E+00 | c | 8.7E-03 | c | 1.1E-01 | c | 2.9E-02 | c | | 1.4E-02 | |
| Benzo[a]pyrene | 50-32-8 | 7.3E+00 | I | 1.1E-03 | C | | | | | | M | 1 | 0.13 | | 1.5E-02 | c | 2.1E-01 | c | 8.7E-04 | c | 1.1E-02 | c | 2.9E-03 | c | 2.0E-01 | 4.6E-03 | 3.1E-01 |
| Benzo[b]fluoranthene | 205-99-2 | 7.3E-01 | * | 1.1E-04 | C | | | | | | M | 1 | 0.13 | | 1.5E-01 | c | 2.1E+00 | c | 8.7E-03 | c | 1.1E-01 | c | 2.9E-02 | c | | 4.7E-02 | |
| Benzo[k]fluoranthene | 207-08-9 | 7.3E-02 | * | 1.1E-04 | C | | | | | | M | 1 | 0.13 | | 1.5E+00 | c | 2.1E+01 | c | 8.7E-03 | c | 1.1E-01 | c | 2.9E-01 | c | | 4.6E-01 | |
| Chrysene | 218-01-9 | 7.3E-03 | * | 1.1E-05 | C | | | | | | M | 1 | 0.13 | | 1.5E+01 | c | 2.1E+02 | c | 8.7E-02 | c | 1.1E+00 | c | 2.9E+00 | c | | 1.4E+00 | |
| Dibenz[a,h]anthracene | 53-70-3 | 7.3E+00 | * | 1.2E-03 | C | | | | | | M | 1 | 0.13 | | 1.5E-02 | c | 2.1E-01 | c | 8.0E-04 | c | 1.0E-02 | c | 2.9E-03 | c | | 1.5E-02 | |
| Fluoranthene | 206-44-0 | | | | | 4.0E-02 | I | | | | | 1 | 0.13 | | 2.3E+03 | n | 2.2E+04 | n | | | | | 1.5E+03 | n | | 2.1E+02 | |
| Fluorene | 86-73-7 | | | | | 4.0E-02 | I | | | V | | 1 | 0.13 | | 2.3E+03 | n | 2.2E+04 | n | | | | | 1.5E+03 | n | | 3.3E+01 | |
| Indeno[1,2,3-cd]pyrene | 193-39-5 | 7.3E-01 | * | 1.1E-04 | C | | | | | | M | 1 | 0.13 | | 1.5E-01 | c | 2.1E+00 | c | 8.7E-03 | c | 1.1E-01 | c | 2.9E-02 | c | | 1.6E-01 | |
| Methylnaphthalene, 1- | 90-12-0 | 2.9E-02 | P | | | | | | | V | | 1 | | 4.6E+02 | 2.2E+01 | c | 9.9E+01 | c | | | | | 2.3E+00 | c | | 1.5E-02 | |
| Methylnaphthalene, 2- | 91-57-6 | | | | | 4.0E-03 | I | | | V | | 1 | | 4.4E+02 | 3.1E+02 | n | 4.1E+03 | ns | | | | | 1.5E+02 | n | | 9.0E-01 | |
| Naphthalene | 91-20-3 | | | 3.4E-05 | C | 2.0E-02 | I | 3.0E-03 | I | V | | 1 | 0.13 | | 3.9E+00 | c* | 2.0E+01 | c* | 7.2E-02 | c* | 3.6E-01 | c* | 1.4E-01 | c* | | 5.5E-04 | |
| Pyrene | 129-00-0 | | | | | 3.0E-02 | I | | | V | | 1 | 0.13 | | 1.7E+03 | n | 1.7E+04 | n | | | | | 1.1E+03 | n | | 1.5E+02 | |
| Quinalphos | 13593-03-8 | | | | | 5.0E-04 | I | | | | | 1 | 0.1 | | 3.1E+01 | n | 3.1E+02 | n | | | | | 1.8E+01 | n | | 7.1E-02 | |
| Quinoline | 91-22-5 | 3.0E+00 | I | | | | | | | | | 1 | 0.1 | | 1.6E-01 | c | 5.7E-01 | c | | | | | 2.2E-02 | c | | 8.7E-05 | |
| Refractory Ceramic Fibers | NA | | | | | | | 3.0E-02 | A | | | 1 | | | 4.3E+07 | nm | 1.8E+08 | nm | 3.1E+01 | n | 1.3E+02 | n | | | | | |
| Resmethrin | 10453-86-8 | | | | | 3.0E-02 | I | | | | | 1 | 0.1 | | 1.8E+03 | n | 1.8E+04 | n | | | | | 1.1E+03 | n | | 9.3E+02 | |
| Ronnel | 299-84-3 | | | | | 5.0E-02 | H | | | | | 1 | 0.1 | | 3.1E+03 | n | 3.1E+04 | n | | | | | 1.8E+03 | n | | 7.7E+00 | |
| Rotenone | 83-79-4 | | | | | 4.0E-03 | I | | | | | 1 | 0.1 | | 2.4E+02 | n | 2.5E+03 | n | | | | | 1.5E+02 | n | | 1.0E+02 | |
| Savey | 78587-05-0 | | | | | 2.5E-02 | I | | | | | 1 | 0.1 | | 1.5E+03 | n | 1.5E+04 | n | | | | | 9.1E+02 | n | | 7.6E+00 | |
| Selenious Acid | 7783-00-8 | | | | | 5.0E-03 | I | | | | | 1 | | | 3.9E+02 | n | 5.1E+03 | n | | | | | 1.8E+02 | n | | | |
| Selenium | 7782-49-2 | | | | | 5.0E-03 | I | | | | | 1 | | | 3.9E+02 | n | 5.1E+03 | n | | | | | 1.8E+02 | n | 5.0E+01 | 9.5E-01 | 2.6E-01 |
| Selenourea | 630-10-4 | | | | | 5.0E-03 | H | | | | | 1 | 0.1 | | 3.1E+02 | n | 3.1E+03 | n | | | | | 1.8E+02 | n | | | |
| Sethoxydim | 74051-80-2 | | | | | 9.0E-02 | I | | | | | 1 | 0.1 | | 5.5E+03 | n | 5.5E+04 | n | | | | | 3.3E+03 | n | | 1.9E+01 | |
| Silver | 7440-22-4 | | | | | 5.0E-03 | I | | | | | 0.04 | | | 3.9E+02 | n | 5.1E+03 | n | | | | | 1.8E+02 | n | | 1.6E+00 | |
| Simazine | 122-34-9 | 1.2E-01 | H | | | 5.0E-03 | I | | | | | 1 | 0.1 | | 4.0E+00 | c* | 1.4E+01 | c | | | | | 5.6E-01 | c | 4.0E+00 | 2.8E-04 | 2.0E-03 |
| Sodium Acifluorfen | 62476-59-9 | | | | | 1.3E-02 | I | | | | | 1 | 0.1 | | 7.9E+02 | n | 8.0E+03 | n | | | | | 4.7E+02 | n | | 3.1E+00 | |
| Sodium Azide | 26628-22-8 | | | | | 4.0E-03 | I | | | | | 1 | | | 3.1E+02 | n | 4.1E+03 | n | | | | | 1.5E+02 | n | | | |
| Sodium Diethyldithiocarbamate | 148-18-5 | 2.7E-01 | H | | | 3.0E-02 | I | | | | | 1 | 0.1 | | 1.8E+00 | c | 6.4E+00 | c | | | | | 2.5E-01 | c | | | |
| Sodium Fluoroacetate | 62-74-8 | | | | | 2.0E-05 | I | | | | | 1 | 0.1 | | 1.2E+00 | n | 1.2E+01 | n | | | | | 7.3E-01 | n | | 1.5E-04 | |
| Sodium Metavanadate | 13718-26-8 | | | | | 1.0E-03 | H | | | | | 1 | | | 7.8E+01 | n | 1.0E+03 | n | | | | | 3.7E+01 | n | | | |
| Sodium Perchlorate | 7601-89-0 | | | | | 7.0E-04 | I | | | | | 1 | | | 5.5E+01 | n | 7.2E+02 | n | | | | | 2.6E+01 | n | | | |
| Stirofos (Tetrachlorovinphos) | 961-11-5 | 2.4E-02 | H | | | 3.0E-02 | I | | | | | 1 | 0.1 | | 2.0E+01 | c* | 7.2E+01 | c | | | | | 2.8E+00 | c | | 2.2E-03 | |

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; H = HEAST; W = WHO; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are bsed on DAF=1

| Contaminant | | Toxicity and Chemical-specific Information | | | | | | | | | | | | Screening Levels | | | | | | | | | | Protection of Groundwater | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | CAS No. | SFO (mg/kg-day)$^{-1}$ | key | IUR (ug/m$^3$)$^{-1}$ | key | RfDo (mg/kg-day) | key | RfCi (mg/m$^3$) | key | voc | mutagen | RAGS Part E GIABS | RAGS Part E ABS | Csat mg/kg | Residential Soil mg/kg | key | Industrial Soil mg/kg | key | Residential Air ug/m$^3$ | key | Industrial Air ug/m$^3$ | key | Tapwater ug/L | key | MCL ug/L | Risk-based SSL mg/kg | MCL-based SSL mg/kg |
| Strontium, Stable | 7440-24-6 | | | | | 6.0E-01 | I | | | | | 1 | | | 4.7E+04 | n | 6.1E+05 | nm | | | | | 2.2E+04 | n | | 7.7E+02 | |
| Strychnine | 57-24-9 | | | | | 3.0E-04 | I | | | | | 1 | 0.1 | | 1.8E+01 | n | 1.8E+02 | n | | | | | 1.1E+01 | n | | 1.4E-01 | |
| Styrene | 100-42-5 | | | | | 2.0E-01 | I | 1.0E+00 | I | V | | 1 | | 1.0E+03 | 6.5E+03 | ns | 3.8E+04 | ns | 1.0E+03 | n | 4.4E+03 | n | 1.6E+03 | n | 1.0E+02 | 2.0E+00 | 1.2E-01 |
| Sulfonylbis(4-chlorobenzene), 1,1'- | 80-07-9 | | | | | 5.0E-03 | P | | | | | 1 | 0.1 | | 3.1E+02 | n | 3.1E+03 | n | | | | | 1.8E+02 | n | | 2.8E+00 | |
| Systhane | 88671-89-0 | | | | | 2.5E-02 | I | | | | | 1 | 0.1 | | 1.5E+03 | n | 1.5E+04 | n | | | | | 9.1E+02 | n | | 2.1E+02 | |
| TCMTB | 21564-17-0 | | | | | 3.0E-02 | H | | | | | 1 | 0.1 | | 1.8E+03 | n | 1.8E+04 | n | | | | | 1.1E+03 | n | | 8.3E+00 | |
| Tebuthiuron | 34014-18-1 | | | | | 7.0E-02 | I | | | | | 1 | 0.1 | | 4.3E+03 | n | 4.3E+04 | n | | | | | 2.6E+03 | n | | 6.3E-01 | |
| Temephos | 3383-96-8 | | | | | 2.0E-02 | H | | | | | 1 | 0.1 | | 1.2E+03 | n | 1.2E+04 | n | | | | | 7.3E+02 | n | | 2.3E+03 | |
| Terbacil | 5902-51-2 | | | | | 1.3E-02 | I | | | | | 1 | 0.1 | | 7.9E+02 | n | 8.0E+03 | n | | | | | 4.7E+02 | n | | 1.7E-01 | |
| Terbufos | 13071-79-9 | | | | | 2.5E-05 | H | | | | | 1 | 0.1 | | 1.5E+00 | n | 1.5E+01 | n | | | | | 9.1E-01 | n | | 2.0E-03 | |
| Terbutryn | 886-50-0 | | | | | 1.0E-03 | I | | | | | 1 | 0.1 | | 6.1E+01 | n | 6.2E+02 | n | | | | | 3.7E+01 | n | | 5.4E-02 | |
| Tetrachlorobenzene, 1,2,4,5- | 95-94-3 | | | | | 3.0E-04 | I | | | | | 1 | 0.1 | | 1.8E+01 | n | 1.8E+02 | n | | | | | 1.1E+01 | n | | 2.8E-02 | |
| Tetrachloroethane, 1,1,1,2- | 630-20-6 | 2.6E-02 | I | 7.4E-06 | I | 3.0E-02 | I | | | V | | 1 | | 7.5E+02 | 2.0E+00 | c | 9.8E+00 | c | 3.3E-01 | c | 1.7E+00 | c | 5.2E-01 | c | | 2.1E-04 | |
| Tetrachloroethane, 1,1,2,2- | 79-34-5 | 2.0E-01 | I | 5.8E-05 | I | 4.0E-03 | P | | | V | | 1 | | 2.1E+03 | 5.9E-01 | c | 2.9E+00 | c | 4.2E-02 | c | 2.1E-01 | c | 6.7E-02 | c | | 2.8E-05 | |
| Tetrachloroethylene | 127-18-4 | 5.4E-01 | C | 5.9E-06 | C | 1.0E-02 | I | 2.7E-01 | A | V | | 1 | | 1.8E+02 | 5.7E-01 | c | 2.7E+00 | c | 4.1E-01 | c | 2.1E+00 | c | 1.1E-01 | c | 5.0E+00 | 5.2E-05 | 2.4E-03 |
| Tetrachlorophenol, 2,3,4,6- | 58-90-2 | | | | | 3.0E-02 | I | | | | | 1 | 0.1 | | 1.8E+03 | n | 1.8E+04 | n | | | | | 1.1E+03 | n | | 4.6E+00 | |
| Tetrachlorotoluene, p- alpha, alpha, alpha- | 5216-25-1 | 2.0E+01 | H | | | | | | | | | 1 | 0.1 | | 2.4E-02 | c | 8.6E-02 | c | | | | | 3.4E-03 | c | | 1.4E-05 | |
| Tetraethyl Dithiopyrophosphate | 3689-24-5 | | | | | 5.0E-04 | I | | | | | 1 | 0.1 | | 3.1E+01 | n | 3.1E+02 | n | | | | | 1.8E+01 | n | | 1.4E-01 | |
| Tetrafluoroethane, 1,1,1,2- | 811-97-2 | | | | | | | 8.0E+01 | I | V | | 1 | | 8.2E+02 | 1.1E+05 | nms | 4.7E+05 | nms | 8.3E+04 | n | 3.5E+05 | n | 1.7E+05 | n | | 9.6E+01 | |
| Tetryl (Trinitrophenylmethylnitramine) | 479-45-8 | | | | | 4.0E-03 | P | | | | | 1 | 0.1 | | 2.4E+02 | n | 2.5E+03 | n | | | | | 1.5E+02 | n | | 6.5E-01 | |
| Thallium (I) Nitrate | 10102-45-1 | | | | | 9.0E-05 | I | | | | | 1 | | | 7.0E+00 | n | 9.2E+01 | n | | | | | 3.3E+00 | n | | | |
| Thallium (Soluble Salts) | 7440-28-0 | | | | | 6.5E-05 | S | | | | | 1 | | | 5.1E+00 | n | 6.6E+01 | n | | | | | 2.4E+00 | n | 2.0E+00 | 1.7E-01 | 1.4E-01 |
| Thallium Acetate | 563-68-8 | | | | | 9.0E-05 | I | | | | | 1 | | | 7.0E+00 | n | 9.2E+01 | n | | | | | 3.3E+00 | n | | | |
| Thallium Carbonate | 6533-73-9 | | | | | 8.0E-05 | I | | | | | 1 | | | 6.3E+00 | n | 8.2E+01 | n | | | | | 2.9E+00 | n | | | |
| Thallium Chloride | 7791-12-0 | | | | | 8.0E-05 | I | | | | | 1 | | | 6.3E+00 | n | 8.2E+01 | n | | | | | 2.9E+00 | n | | | |
| Thallium Sulfate | 7446-18-6 | | | | | 8.0E-05 | I | | | | | 1 | | | 6.3E+00 | n | 8.2E+01 | n | | | | | 2.9E+00 | n | | | |
| Thiobencarb | 28249-77-6 | | | | | 1.0E-02 | I | | | | | 1 | 0.1 | | 6.1E+02 | n | 6.2E+03 | n | | | | | 3.7E+02 | n | | 2.0E+00 | |
| Thiofanox | 39196-18-4 | | | | | 3.0E-04 | H | | | | | 1 | 0.1 | | 1.8E+01 | n | 1.8E+02 | n | | | | | 1.1E+01 | n | | 4.3E-03 | |
| Thiophanate, Methyl | 23564-05-8 | | | | | 8.0E-02 | I | | | | | 1 | 0.1 | | 4.9E+03 | n | 4.9E+04 | n | | | | | 2.9E+03 | n | | 6.7E-01 | |
| Thiram | 137-26-8 | | | | | 5.0E-03 | I | | | | | 1 | 0.1 | | 3.1E+02 | n | 3.1E+03 | n | | | | | 1.8E+02 | n | | 4.0E-02 | |
| Tin | 7440-31-5 | | | | | 6.0E-01 | H | | | | | 1 | | | 4.7E+04 | n | 6.1E+05 | nm | | | | | 2.2E+04 | n | | 5.5E+03 | |
| Toluene | 108-88-3 | | | | | 8.0E-02 | I | 5.0E+00 | I | V | | 1 | | 9.3E+02 | 5.0E+03 | ns | 4.6E+04 | ns | 5.2E+03 | n | 2.2E+04 | n | 2.3E+03 | n | 1.0E+03 | 1.7E+00 | 7.6E-01 |
| Toluene diisocyanate mixture (TDI) | 26471-62-5 | | | | | | | 7.0E-05 | I | V | | 1 | | 2.1E+03 | 5.4E+01 | n | 2.3E+02 | n | 7.3E-02 | n | 3.1E-01 | n | 1.5E-01 | n | | 2.7E-03 | |
| Toluene-2,4-diamine | 95-80-7 | 3.8E+00 | C | 1.1E-03 | C | | | | | | | 1 | 0.1 | | 1.3E-01 | c | 4.5E-01 | c | 2.2E-03 | c | 1.1E-02 | c | 1.8E-02 | c | | 7.8E-06 | |
| Toluene-2,5-diamine | 95-70-5 | | | | | 6.0E-01 | H | | | | | 1 | 0.1 | | 3.7E+04 | n | 3.7E+05 | nm | | | | | 2.2E+04 | n | | 9.6E+00 | |
| Toluene-2,6-diamine | 823-40-5 | | | | | 3.0E-02 | P | | | | | 1 | 0.1 | | 1.8E+03 | n | 1.8E+04 | n | | | | | 1.1E+03 | n | | 4.9E-01 | |
| Toluidine, o- (Methylaniline, 2-) | 95-53-4 | 1.8E-01 | C | 5.1E-05 | C | | | | | | | 1 | 0.1 | | 2.7E+00 | c | 9.6E+00 | c | 4.8E-02 | c | 2.4E-01 | c | 3.7E-01 | c | | 1.3E-04 | |
| Toluidine, p- | 106-49-0 | 1.9E-01 | H | | | | | | | | | 1 | 0.1 | | 2.6E+00 | c | 9.1E+00 | c | | | | | 3.5E-01 | c | | 1.2E-04 | |
| Toxaphene | 8001-35-2 | 1.1E+00 | I | 3.2E-04 | I | | | | | | | 1 | 0.1 | | 4.4E-01 | c | 1.6E+00 | c | 7.6E-03 | c | 3.8E-02 | c | 6.1E-02 | c | 3.0E+00 | 1.2E-02 | 6.0E-01 |
| Tralomethrin | 66841-25-6 | | | | | 7.5E-03 | I | | | | | 1 | 0.1 | | 4.6E+02 | n | 4.6E+03 | n | | | | | 2.7E+02 | n | | 1.4E+02 | |
| Triallate | 2303-17-5 | | | | | 1.3E-02 | I | | | | | 1 | 0.1 | | 7.9E+02 | n | 8.0E+03 | n | | | | | 4.7E+02 | n | | 1.7E+00 | |
| Triasulfuron | 82097-50-5 | | | | | 1.0E-02 | I | | | | | 1 | 0.1 | | 6.1E+02 | n | 6.2E+03 | n | | | | | 3.7E+02 | n | | 3.3E-01 | |
| Tribromobenzene, 1,2,4- | 615-54-3 | | | | | 5.0E-03 | I | | | | | 1 | 0.1 | | 3.1E+02 | n | 3.1E+03 | n | | | | | 1.8E+02 | n | | 3.0E-01 | |
| Tributyl Phosphate | 126-73-8 | 9.2E-03 | P | | | 2.0E-01 | P | | | | | 1 | 0.1 | | 5.3E+01 | c | 1.9E+02 | c | | | | | 7.3E+00 | c | | 2.9E-02 | |
| Tributyltin Compounds | NA | | | | | 3.0E-04 | P | | | | | 1 | 0.1 | | 1.8E+01 | n | 1.8E+02 | n | | | | | 1.1E+01 | n | | | |
| Tributyltin Oxide | 56-35-9 | | | | | 3.0E-04 | I | | | | | 1 | 0.1 | | 1.8E+01 | n | 1.8E+02 | n | | | | | 1.1E+01 | n | | 8.2E+02 | |
| Trichloro-1,2,2-trifluoroethane, 1,1,2- | 76-13-1 | | | | | 3.0E+01 | I | 3.0E+01 | H | V | | 1 | | 9.4E+02 | 4.3E+04 | ns | 1.8E+05 | nms | 3.1E+04 | n | 1.3E+05 | n | 5.9E+04 | n | | 1.5E+02 | |
| Trichloroaniline HCl, 2,4,6- | 33663-50-2 | 2.9E-02 | H | | | | | | | | | 1 | 0.1 | | 1.7E+01 | c | 5.9E+01 | c | | | | | 2.3E+00 | c | | 2.2E-03 | |
| Trichloroaniline, 2,4,6- | 634-93-5 | 3.4E-02 | H | | | | | | | | | 1 | 0.1 | | 1.4E+01 | c | 5.1E+01 | c | | | | | 2.0E+00 | c | | 1.2E-03 | |
| Trichlorobenzene, 1,2,4- | 120-82-1 | 3.6E-03 | C | | | 1.0E-02 | I | 4.0E-03 | P | V | | 1 | | 2.2E+02 | 8.7E+01 | n | 4.0E+02 | ns | 4.2E+00 | n | 1.8E+01 | n | 8.2E+00 | n | 7.0E+01 | 1.3E-02 | 1.1E-01 |
| Trichloroethane, 1,1,1- | 71-55-6 | | | | | 2.0E+00 | I | 5.0E+00 | I | V | | 1 | | 6.8E+02 | 9.0E+03 | ns | 3.9E+04 | ns | 5.2E+03 | n | 2.2E+04 | n | 9.1E+03 | n | 2.0E+02 | 3.3E+00 | 7.2E-02 |
| Trichloroethane, 1,1,2- | 79-00-5 | 5.7E-02 | I | 1.6E-05 | I | 4.0E-03 | I | | | V | | 1 | | 5.6E+02 | 1.1E+00 | c | 5.5E+00 | c | 1.5E-01 | c | 7.7E-01 | c | 2.4E-01 | c | 5.0E+00 | 8.2E-05 | 1.7E-03 |
| Trichloroethylene | 79-01-6 | 1.3E-02 | C | 2.0E-06 | C | | | | | V | | 1 | | 7.5E+02 | 2.8E+00 | c | 1.4E+01 | c | 1.2E+00 | c | 6.1E+00 | c | 1.7E+00 | c | 5.0E+00 | 6.1E-04 | 1.9E-03 |
| Trichlorofluoromethane | 75-69-4 | | | | | 3.0E-01 | I | 7.0E-01 | H | V | | 1 | | 1.3E+03 | 8.0E+02 | n | 3.4E+03 | ns | 7.3E+02 | n | 3.1E+03 | n | 1.3E+03 | n | | 8.4E-01 | |
| Trichlorophenol, 2,4,5- | 95-95-4 | | | | | 1.0E-01 | I | | | | | 1 | 0.1 | | 6.1E+03 | n | 6.2E+04 | n | | | | | 3.7E+03 | n | | 9.4E+00 | |
| Trichlorophenol, 2,4,6- | 88-06-2 | 1.1E-02 | I | 3.1E-06 | I | 1.0E-03 | P | | | | | 1 | 0.1 | | 4.4E+01 | c** | 1.6E+02 | c** | 7.8E-01 | c | 4.0E+00 | c | 6.1E+00 | c** | | 1.6E-02 | |
| Trichlorophenoxy) Propionic Acid, 2(2,4,5- | 93-72-1 | | | | | 8.0E-03 | I | | | | | 1 | 0.1 | | 4.9E+02 | n | 4.9E+03 | n | | | | | 2.9E+02 | n | 5.0E+01 | 1.1E-01 | 1.8E-02 |
| Trichlorophenoxyacetic Acid, 2,4,5- | 93-76-5 | | | | | 1.0E-02 | I | | | | | 1 | 0.1 | | 6.1E+02 | n | 6.2E+03 | n | | | | | 3.7E+02 | n | | 1.1E-01 | |
| Trichloropropane, 1,1,2- | 598-77-6 | | | | | 5.0E-03 | I | | | V | | 1 | | 1.4E+03 | 3.9E+02 | n | 5.1E+03 | ns | | | | | 1.8E+02 | n | | 7.6E-02 | |
| Trichloropropane, 1,2,3- | 96-18-4 | 7.0E+00 | H | | | 6.0E-03 | I | | | V | | 1 | | 1.6E+03 | 9.1E-02 | c | 4.1E-01 | c | | | | | 9.6E-03 | c | | 4.4E-06 | |
| Trichloropropene, 1,2,3- | 96-19-5 | | | | | 1.0E-02 | P | 1.0E-03 | P | V | | 1 | | 3.4E+02 | 2.7E+00 | n | 1.2E+01 | n | 1.0E+00 | n | 4.4E+00 | n | 2.1E+00 | n | | 1.1E-03 | |
| Tridiphane | 58138-08-2 | | | | | 3.0E-03 | I | | | | | 1 | 0.1 | | 1.8E+02 | n | 1.8E+03 | n | | | | | 1.1E+02 | n | | 4.1E-01 | |
| Triethylamine | 121-44-8 | | | | | | | 7.0E-03 | I | V | | 1 | | 5.5E+04 | 1.7E+02 | n | 7.1E+02 | n | 7.3E+00 | n | 3.1E+01 | n | 1.5E+01 | n | | 6.1E-03 | |

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; H = HEAST; W = WHO; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are bsed on DAF=1

| Contaminant | | Toxicity and Chemical-specific Information | | | | | | | | | | | | Screening Levels | | | | | | | | | | Protection of Groundwater | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | CAS No. | SFO (mg/kg-day)$^{-1}$ | key | IUR (ug/m$^3$)$^{-1}$ | key | RfDo (mg/kg-day) | key | RfCi (mg/m$^3$) | key | voc | mutagen | RAGS Part E GIABS | RAGS Part E ABS | Csat mg/kg | Residential Soil mg/kg | key | Industrial Soil mg/kg | key | Residential Air ug/m$^3$ | key | Industrial Air ug/m$^3$ | key | Tapwater ug/L | key | MCL ug/L | Risk-based SSL mg/kg | MCL-based SSL mg/kg |
| Trifluralin | 1582-09-8 | 7.7E-03 | I | | | 7.5E-03 | I | | | | | 1 | 0.1 | | 6.3E+01 | c** | 2.2E+02 | c* | | | | | 8.7E+00 | c* | | 1.7E-01 | |
| Trimethyl Phosphate | 512-56-1 | 3.7E-02 | H | | | | | | | | | 1 | 0.1 | | 1.3E+01 | c | 4.7E+01 | c | | | | | 1.8E+00 | c | | 3.9E-04 | |
| Trimethylbenzene, 1,2,4- | 95-63-6 | | | | | | | 7.0E-03 | P | V | | 1 | | 2.5E+02 | 6.7E+01 | n | 2.8E+02 | ns | 7.3E+00 | n | 3.1E+01 | n | 1.5E+01 | n | | 2.4E-02 | |
| Trimethylbenzene, 1,3,5- | 108-67-8 | | | | | 5.0E-02 | P | 6.0E-03 | P | V | | 1 | | 2.1E+02 | 4.7E+01 | n | 2.0E+02 | n | 6.3E+00 | n | 2.6E+01 | n | 1.2E+01 | n | | 2.0E-02 | |
| Trinitrobenzene, 1,3,5- | 99-35-4 | | | | | 3.0E-02 | I | | | | | 1 | 0.019 | | 2.2E+03 | n | 2.7E+04 | n | | | | | 1.1E+03 | n | | 2.6E+00 | |
| Trinitrotoluene, 2,4,6- | 118-96-7 | 3.0E-02 | I | | | 5.0E-04 | I | | | | | 1 | 0.032 | | 1.9E+01 | c** | 7.9E+01 | c** | | | | | 2.2E+00 | c** | | 8.7E-03 | |
| Triphenylphosphine Oxide | 791-28-6 | | | | | 2.0E-02 | P | | | | | 1 | 0.1 | | 1.2E+03 | n | 1.2E+04 | n | | | | | 7.3E+02 | n | | 1.5E+00 | |
| Tris(2-chloroethyl)phosphate | 115-96-8 | 1.4E-02 | P | | | 3.0E-01 | P | | | | | 1 | 0.1 | | 3.5E+01 | c | 1.2E+02 | c | | | | | 4.8E+00 | c | | 3.9E-03 | |
| Tris(2-ethylhexyl)phosphate | 78-42-2 | 3.2E-03 | P | | | 1.0E-01 | P | | | | | 1 | 0.1 | | 1.5E+02 | c* | 5.4E+02 | c | | | | | 2.1E+01 | c | | 9.6E+01 | |
| Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47) | 5436-43-1 | | | | | 1.0E-04 | I | | | | | | | | 7.8E+00 | n | 1.0E+02 | n | | | | | 3.7E+00 | n | | | |
| Tri-n-butyltin | 688-73-3 | | | | | 3.0E-04 | A | | | | | 1 | 0.1 | | 1.8E+01 | n | 1.8E+02 | n | | | | | 1.1E+01 | n | | 2.8E-01 | |
| Uranium (Soluble Salts) | NA | | | | | 3.0E-03 | I | | | | | 1 | | | 2.3E+02 | n | 3.1E+03 | n | | | | | 1.1E+02 | n | | 4.9E+01 | |
| Vanadium Pentoxide | 1314-62-1 | | | 8.3E-03 | P | 9.0E-03 | I | 7.0E-06 | P | | | 0.026 | | | 4.0E+02 | c** | 2.0E+03 | c** | 2.9E-04 | c* | 1.5E-03 | c* | 3.3E+02 | n | | | |
| Vanadium Sulfate | 36907-42-3 | | | | | 2.0E-02 | H | | | | | 0.026 | | | 1.6E+03 | n | 2.0E+04 | n | | | | | 7.3E+02 | n | | | |
| Vanadium and Compounds | NA | | | | | 5.0E-03 | S | | | | | 1 | | | 3.9E+02 | n | 5.2E+03 | n | | | | | 1.8E+02 | n | | 1.8E+02 | |
| Vanadium, Metallic | 7440-62-2 | | | | | 7.0E-03 | H | | | | | 0.026 | | | 5.5E+02 | n | 7.2E+03 | n | | | | | 2.6E+02 | n | | 2.6E+02 | |
| Vernolate | 1929-77-7 | | | | | 1.0E-03 | I | | | | | 1 | 0.1 | | 6.1E+01 | n | 6.2E+02 | n | | | | | 3.7E+01 | n | | 4.2E-02 | |
| Vinclozolin | 50471-44-8 | | | | | 2.5E-02 | I | | | | | 1 | 0.1 | | 1.5E+03 | n | 1.5E+04 | n | | | | | 9.1E+02 | n | | 7.1E-01 | |
| Vinyl Acetate | 108-05-4 | | | | | 1.0E+00 | H | 2.0E-01 | I | V | | 1 | | 2.8E+03 | 9.9E+02 | n | 4.2E+03 | ns | 2.1E+02 | n | 8.8E+02 | n | 4.1E+02 | n | | 8.8E-02 | |
| Vinyl Bromide | 593-60-2 | | | 3.2E-05 | H | | | 3.0E-03 | I | V | | 1 | | 1.7E+03 | 1.1E-01 | c* | 5.8E-01 | c* | 7.6E-02 | c* | 3.8E-01 | c* | 1.5E-01 | c* | | 4.4E-05 | |
| Vinyl Chloride | 75-01-4 | 7.2E-01 | I | 4.4E-06 | I | 3.0E-03 | I | 1.0E-01 | I | V | M | 1 | | 4.0E+03 | 6.0E-02 | c | 1.7E+00 | c | 1.6E-01 | c | 2.8E+00 | c | 1.6E-02 | c | 2.0E+00 | 5.6E-06 | 7.0E-04 |
| Warfarin | 81-81-2 | | | | | 3.0E-04 | I | | | | | 1 | 0.1 | | 1.8E+01 | n | 1.8E+02 | n | | | | | 1.1E+01 | n | | 8.2E-03 | |
| Xylene, Mixture | 1330-20-7 | | | | | 2.0E-01 | I | 1.0E-01 | I | V | | 1 | | 3.0E+02 | 6.0E+02 | ns | 2.6E+03 | ns | 1.0E+02 | n | 4.4E+02 | n | 2.0E+02 | n | 1.0E+04 | 2.3E-01 | 1.1E+01 |
| Xylene, P- | 106-42-3 | | | | | | | 7.0E-01 | C | V | | 1 | | 4.5E+02 | 4.7E+03 | ns | 2.0E+04 | ns | 7.3E+02 | n | 3.1E+03 | n | 1.5E+03 | n | | 1.6E+00 | |
| Xylene, m- | 108-38-3 | | | | | 2.0E+00 | H | 7.0E-01 | C | V | | 1 | | 4.4E+02 | 4.5E+03 | ns | 1.9E+04 | ns | 7.3E+02 | n | 3.1E+03 | n | 1.4E+03 | n | | 1.6E+00 | |
| Xylene, o- | 95-47-6 | | | | | 2.0E+00 | H | 7.0E-01 | C | V | | 1 | | 3.0E+02 | 5.3E+03 | ns | 2.3E+04 | ns | 7.3E+02 | n | 3.1E+03 | n | 1.4E+03 | n | | 1.6E+00 | |
| Zinc (Metallic) | 7440-66-6 | | | | | 3.0E-01 | I | | | | | 1 | | | 2.3E+04 | n | 3.1E+05 | nm | | | | | 1.1E+04 | n | | 6.8E+02 | |
| Zinc Phosphide | 1314-84-7 | | | | | 3.0E-04 | I | | | | | 1 | | | 2.3E+01 | n | 3.1E+02 | n | | | | | 1.1E+01 | n | | | |
| Zineb | 12122-67-7 | | | | | 5.0E-02 | I | | | | | 1 | 0.1 | | 3.1E+03 | n | 3.1E+04 | n | | | | | 1.8E+03 | n | | 4.0E-01 | |