| CAS | Chemica | Type of Observatior | v o c | mutager | GIABS | ABS | Csat (mg/kg) | RfDo (mg/kg-day) | k e y_2 | RfCi (mg/m3) | k e y_3 | SFO (mg/kg-day)$^{-1}$ | k e y | IUR (ug/m3)$^{-1}$ | k e y_1 | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key_1 | Resident Air (ug/m$^3$) | key_2 | Industria Air (ug/m$^3$) | key_3 | Tapwater (ug/L) | key_4 | MCL (ug/L) | Risk-based SSL (mg/kg) | MCL-based SSL (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30560-19-1 | Acephate | Winter 2015 | | | 1 | 0.1 | | 0.004 | I | | | 0.0087 | I | | | 61 | c** | 270 | c* | | | | | 8.9 | c** | | 0.002 | |
| 30560-19-1 | Acephate | Spring 2015 | | | 1 | 0.1 | | 0.004 | I | | | 0.0087 | I | | | 62 | c** | 260 | c* | | | | | 8.9 | c** | | 0.002 | |
| . | Acephate | Change Effect | | | | | | | | | | | | | | 1 | | -10 | | | | | | | | | | |
| 34256-82-1 | Acetochlor | Winter 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1200 | n | 16000 | n | | | | | 350 | n | | 0.28 | |
| 34256-82-1 | Acetochlor | Spring 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1300 | n | 16000 | n | | | | | 350 | n | | 0.28 | |
| . | Acetochlor | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 53-96-3 | Acetylaminofluorene, 2 | Winter 2015 | | | 1 | 0.1 | | | | | | 3.8 | C | 0.0013 | C | 0.14 | c | 0.61 | c | 0.0022 | c | 0.0094 | c | 0.016 | c | | 0.000072 | |
| 53-96-3 | Acetylaminofluorene, 2 | Spring 2015 | | | 1 | 0.1 | | | | | | 3.8 | C | 0.0013 | C | 0.14 | c | 0.6 | c | 0.0022 | c | 0.0094 | c | 0.016 | c | | 0.000072 | |
| . | Acetylaminofluorene, 2 | Change Effect | | | | | | | | | | | | | | | | -0.01 | | | | | | | | | | |
| 79-10-7 | Acrylic Acic | Winter 2015 | | | 1 | 0.1 | | 0.5 | I | 0.001 | I | | | | | 30000 | n | 390000 | nm | 1 | n | 4.4 | n | 9900 | n | | 2 | |
| 79-10-7 | Acrylic Acic | Spring 2015 | V | | 1 | | 109000 | 0.5 | I | 0.001 | I | | | | | 99 | n | 420 | n | 1 | n | 4.4 | n | 2.1 | n | | 0.00042 | |
| . | Acrylic Acic | Change Effect | X. | | | | | | | | | | | | | -29901 | | -389580 | .X | | | | | -9897.9 | | | -1.99958 | |
| 15972-60-8 | Alachlor | Winter 2015 | | | 1 | 0.1 | | 0.01 | I | | | 0.056 | C | | | 9.5 | c* | 41 | c | | | | | 1 | c | 2 | 0.00086 | 0.0016 |
| 15972-60-8 | Alachlor | Spring 2015 | | | 1 | 0.1 | | 0.01 | I | | | 0.056 | C | | | 9.7 | c* | 41 | c | | | | | 1 | c | 2 | 0.00086 | 0.0016 |
| . | Alachlor | Change Effect | | | | | | | | | | | | | | 0.2 | | | | | | | | | | | | |
| 116-06-3 | Aldicarb | Winter 2015 | | | 1 | 0.1 | | 0.001 | I | | | | | | | 62 | n | 820 | n | | | | | 20 | n | 3 | 0.0049 | 0.00075 |
| 116-06-3 | Aldicarb | Spring 2015 | | | 1 | 0.1 | | 0.001 | I | | | | | | | 63 | n | 820 | n | | | | | 20 | n | 3 | 0.0049 | 0.00075 |
| . | Aldicarb | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 1646-88-4 | Aldicarb Sulfone | Winter 2015 | | | 1 | 0.1 | | 0.001 | I | | | | | | | 62 | n | 820 | n | | | | | 20 | n | 2 | 0.0044 | 0.00044 |
| 1646-88-4 | Aldicarb Sulfone | Spring 2015 | | | 1 | 0.1 | | 0.001 | I | | | | | | | 63 | n | 820 | n | | | | | 20 | n | 2 | 0.0044 | 0.00044 |
| . | Aldicarb Sulfone | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 309-00-2 | Aldrin | Winter 2015 | | | 1 | 0.1 | | 0.00003 | I | | | 17 | I | 0.0049 | I | 0.031 | c* | 0.14 | c | 0.00057 | c | 0.0025 | c | 0.0046 | c | | 0.00075 | |
| 309-00-2 | Aldrin | Spring 2015 | V | | 1 | | | 0.00003 | I | | | 17 | I | 0.0049 | I | 0.039 | c* | 0.18 | c | 0.00057 | c | 0.0025 | c | 0.00092 | c | | 0.00015 | |
| . | Aldrin | Change Effect | X. | | | | | | | | | | | | | 0.008 | | 0.04 | | | | | | -0.00368 | | | -0.0006 | |
| 74223-64-6 | Ally | Winter 2015 | | | 1 | 0.1 | | 0.25 | I | | | | | | | 15000 | n | 210000 | nm | | | | | 4900 | n | | 1.9 | |
| 74223-64-6 | Ally | Spring 2015 | | | 1 | 0.1 | | 0.25 | I | | | | | | | 16000 | n | 210000 | nm | | | | | 4900 | n | | 1.9 | |
| . | Ally | Change Effect | | | | | | | | | | | | | | 1000 | | | | | | | | | | | | |
| 107-18-6 | Allyl Alcoho | Winter 2015 | | | 1 | 0.1 | | 0.005 | I | 0.0001 | X | | | | | 310 | n | 4100 | n | 0.1 | n | 0.44 | n | 100 | n | | 0.02 | |
| 107-18-6 | Allyl Alcoho | Spring 2015 | V | | 1 | | 111000 | 0.005 | I | 0.0001 | X | | | | | 3.5 | n | 15 | n | 0.1 | n | 0.44 | n | 0.21 | n | | 0.000042 | |
| . | Allyl Alcoho | Change Effect | X. | | | | | | | | | | | | | -306.5 | | -4085 | | | | | | -99.79 | | | -0.019958 | |
| 67485-29-4 | Amdro | Winter 2015 | | | 1 | 0.1 | | 0.0003 | I | | | | | | | 18 | n | 250 | n | | | | | 5.9 | n | | 2100 | |
| 67485-29-4 | Amdro | Spring 2015 | | | 1 | 0.1 | | 0.0003 | I | | | | | | | 19 | n | 250 | n | | | | | 5.9 | n | | 2100 | |
| . | Amdro | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 834-12-8 | Ametryn | Winter 2015 | | | 1 | 0.1 | | 0.009 | I | | | | | | | 550 | n | 7400 | n | | | | | 150 | n | | 0.16 | |
| 834-12-8 | Ametryn | Spring 2015 | | | 1 | 0.1 | | 0.009 | I | | | | | | | 570 | n | 7400 | n | | | | | 150 | n | | 0.16 | |
| . | Ametryn | Change Effect | | | | | | | | | | | | | | 20 | | | | | | | | | | | | |
| 92-67-1 | Aminobiphenyl, 4 | Winter 2015 | | | 1 | 0.1 | | | | | | 21 | C | 0.006 | C | 0.025 | c | 0.11 | c | 0.00047 | c | 0.002 | c | 0.003 | c | | 0.000015 | |
| 92-67-1 | Aminobiphenyl, 4 | Spring 2015 | | | 1 | 0.1 | | | | | | 21 | C | 0.006 | C | 0.026 | c | 0.11 | c | 0.00047 | c | 0.002 | c | 0.003 | c | | 0.000015 | |
| . | Aminobiphenyl, 4 | Change Effect | | | | | | | | | | | | | | 0.001 | | | | | | | | | | | | |
| 591-27-5 | Aminophenol, m- | Winter 2015 | | | 1 | 0.1 | | 0.08 | P | | | | | | | 4900 | n | 66000 | n | | | | | 1600 | n | | 0.61 | |
| 591-27-5 | Aminophenol, m- | Spring 2015 | | | 1 | 0.1 | | 0.08 | P | | | | | | | 5100 | n | 66000 | n | | | | | 1600 | n | | 0.61 | |
| . | Aminophenol, m- | Change Effect | | | | | | | | | | | | | | 200 | | | | | | | | | | | | |
| 123-30-8 | Aminophenol, p- | Winter 2015 | | | 1 | 0.1 | | 0.02 | P | | | | | | | 1200 | n | 16000 | n | | | | | 400 | n | | 0.15 | |
| 123-30-8 | Aminophenol, p- | Spring 2015 | | | 1 | 0.1 | | 0.02 | P | | | | | | | 1300 | n | 16000 | n | | | | | 400 | n | | 0.15 | |
| . | Aminophenol, p- | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 33089-61-1 | Amitraz | Winter 2015 | | | 1 | 0.1 | | 0.0025 | I | | | | | | | 150 | n | 2100 | n | | | | | 8.2 | n | | 4.2 | |
| 33089-61-1 | Amitraz | Spring 2015 | | | 1 | 0.1 | | 0.0025 | I | | | | | | | 160 | n | 2100 | n | | | | | 8.2 | n | | 4.2 | |
| . | Amitraz | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 7664-41-7 | Ammonia | Winter 2015 | | | 1 | | | | | 0.1 | I | | | | | | | | | 100 | n | 440 | n | | | | | |
| 7664-41-7 | Ammonia | Spring 2015 | V | | 1 | | | | | 0.1 | I | | | | | | | | | 100 | n | 440 | n | | | | | |
| . | Ammonia | Change Effect | X. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62-53-3 | Aniline | Winter 2015 | | | 1 | 0.1 | | 0.007 | P | 0.001 | I | 0.0057 | I | 0.0000016 | C | 93 | c** | 410 | c* | 1 | n | 4.4 | n | 13 | c* | | 0.0046 | |
| 62-53-3 | Aniline | Spring 2015 | | | 1 | 0.1 | | 0.007 | P | 0.001 | I | 0.0057 | I | 0.0000016 | C | 95 | c** | 400 | c* | 1 | n | 4.4 | n | 13 | c* | | 0.0046 | |
| . | Aniline | Change Effect | | | | | | | | | | | | | | 2 | | -10 | | | | | | | | | | |
| 84-65-1 | Anthraquinone, 9,10 | Winter 2015 | | | 1 | 0.1 | | 0.002 | X | | | 0.04 | P | | | 13 | c** | 58 | c* | | | | | 1.4 | c* | | 0.014 | |
| 84-65-1 | Anthraquinone, 9,10 | Spring 2015 | | | 1 | 0.1 | | 0.002 | X | | | 0.04 | P | | | 14 | c** | 57 | c* | | | | | 1.4 | c* | | 0.014 | |
| . | Anthraquinone, 9,10 | Change Effect | | | | | | | | | | | | | | 1 | | -1 | | | | | | | | | | |
| 74115-24-5 | Apollc | Winter 2015 | | | 1 | 0.1 | | 0.013 | I | | | | | | | 800 | n | 11000 | n | | | | | 230 | n | | 14 | |
| 74115-24-5 | Apollc | Spring 2015 | | | 1 | 0.1 | | 0.013 | I | | | | | | | 820 | n | 11000 | n | | | | | 230 | n | | 14 | |
| . | Apollc | Change Effect | | | | | | | | | | | | | | 20 | | | | | | | | | | | | |
| 140-57-8 | Aramite | Winter 2015 | | | 1 | 0.1 | | 0.05 | H | | | 0.025 | I | 0.0000071 | I | 21 | c | 92 | c | 0.4 | c | 1.7 | c | 1.3 | c | | 0.015 | |
| 140-57-8 | Aramite | Spring 2015 | | | 1 | 0.1 | | 0.05 | H | | | 0.025 | I | 0.0000071 | I | 22 | c | 92 | c | 0.4 | c | 1.7 | c | 1.3 | c | | 0.015 | |
| . | Aramite | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 7440-38-2 | Arsenic, Inorganic | Winter 2015 | | | 1 | 0.03 | | 0.0003 | I | 0.000015 | C | 1.5 | I | 0.0043 | I | 0.67 | c*R | 3 | cR | 0.00065 | c* | 0.0029 | c* | 0.052 | c | 10 | 0.0015 | 0.29 |
| 7440-38-2 | Arsenic, Inorganic | Spring 2015 | | | 1 | 0.03 | | 0.0003 | I | 0.000015 | C | 1.5 | I | 0.0043 | I | 0.68 | c*R | 3 | cR | 0.00065 | c* | 0.0029 | c* | 0.052 | c | 10 | 0.0015 | 0.29 |
| . | Arsenic, Inorganic | Change Effect | | | | | | | | | | | | | | 0.01 | | | | | | | | | | | | |
| 76578-14-8 | Assure | Winter 2015 | | | 1 | 0.1 | | 0.009 | I | | | | | | | 550 | n | 7400 | n | | | | | 120 | n | | 1.9 | |
| 76578-14-8 | Assure | Spring 2015 | | | 1 | 0.1 | | 0.009 | I | | | | | | | 570 | n | 7400 | n | | | | | 120 | n | | 1.9 | |
| . | Assure | Change Effect | | | | | | | | | | | | | | 20 | | | | | | | | | | | | |
| 3337-71-1 | Asulam | Winter 2015 | | | 1 | 0.1 | | 0.05 | I | | | | | | | 3100 | n | 41000 | n | | | | | 1000 | n | | 0.26 | |
| 3337-71-1 | Asulam | Spring 2015 | | | 1 | 0.1 | | 0.05 | I | | | | | | | 3200 | n | 41000 | n | | | | | 1000 | n | | 0.26 | |
| . | Asulam | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 1912-24-9 | Atrazine | Winter 2015 | | | 1 | 0.1 | | 0.035 | I | | | 0.23 | C | | | 2.3 | c | 10 | c | | | | | 0.3 | c | 3 | 0.00019 | 0.0019 |
| 1912-24-9 | Atrazine | Spring 2015 | | | 1 | 0.1 | | 0.035 | I | | | 0.23 | C | | | 2.4 | c | 10 | c | | | | | 0.3 | c | 3 | 0.00019 | 0.0019 |
| . | Atrazine | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 492-80-8 | Auramine | Winter 2015 | | | 1 | 0.1 | | | | | | 0.88 | C | 0.00025 | C | 0.61 | c | 2.6 | c | 0.011 | c | 0.049 | c | 0.066 | c | | 0.0006 | |
| 492-80-8 | Auramine | Spring 2015 | | | 1 | 0.1 | | | | | | 0.88 | C | 0.00025 | C | 0.62 | c | 2.6 | c | 0.011 | c | 0.049 | c | 0.066 | c | | 0.0006 | |
| . | Auramine | Change Effect | | | | | | | | | | | | | | 0.01 | | | | | | | | | | | | |
| 123-77-3 | Azodicarbonamide | Winter 2015 | | | 1 | 0.1 | | 1 | P | 0.000007 | P | | | | | 8500 | n | 40000 | n | 0.0073 | n | 0.031 | n | 20000 | n | | 6.8 | |
| 123-77-3 | Azodicarbonamide | Spring 2015 | | | 1 | 0.1 | | 1 | P | 0.000007 | P | | | | | 8600 | n | 40000 | n | 0.0073 | n | 0.031 | n | 20000 | n | | 6.8 | |
| . | Azodicarbonamide | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 43121-43-3 | Bayleton | Winter 2015 | | | 1 | 0.1 | | 0.03 | I | | | | | | | 1800 | n | 25000 | n | | | | | 550 | n | | 0.44 | |
| 43121-43-3 | Bayleton | Spring 2015 | | | 1 | 0.1 | | 0.03 | I | | | | | | | 1900 | n | 25000 | n | | | | | 550 | n | | 0.44 | |
| . | Bayleton | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 68359-37-5 | Baythroid | Winter 2015 | | | 1 | 0.1 | | 0.025 | I | | | | | | | 1500 | n | 21000 | n | | | | | 120 | n | | 31 | |
| 68359-37-5 | Baythroid | Spring 2015 | | | 1 | 0.1 | | 0.025 | I | | | | | | | 1600 | n | 21000 | n | | | | | 120 | n | | 31 | |
| . | Baythroid | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 1861-40-1 | Benefin | Winter 2015 | | | 1 | 0.1 | | 0.3 | I | | | | | | | 18000 | n | 250000 | nm | | | | | 1700 | n | | 56 | |
| 1861-40-1 | Benefin | Spring 2015 | V | | 1 | | | 0.3 | I | | | | | | | 23000 | n | 350000 | nm | | | | | 1700 | n | | 56 | |
| . | Benefin | Change Effect | X. | | | | | | | | | | | | | 5000 | | 100000 | | | | | | | | | | |
| 17804-35-2 | Benomyl | Winter 2015 | | | 1 | 0.1 | | 0.05 | I | | | | | | | 3100 | n | 41000 | n | | | | | 970 | n | | 0.85 | |
| 17804-35-2 | Benomyl | Spring 2015 | | | 1 | 0.1 | | 0.05 | I | | | | | | | 3200 | n | 41000 | n | | | | | 970 | n | | 0.85 | |
| . | Benomyl | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 25057-89-0 | Bentazon | Winter 2015 | | | 1 | 0.1 | | 0.03 | I | | | | | | | 1800 | n | 25000 | n | | | | | 570 | n | | 0.12 | |
| 25057-89-0 | Bentazon | Spring 2015 | | | 1 | 0.1 | | 0.03 | I | | | | | | | 1900 | n | 25000 | n | | | | | 570 | n | | 0.12 | |
| . | Bentazon | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 6369-59-1 | Benzenediamine-2-methyl sulfate, 1,4 | Winter 2015 | | | 1 | 0.1 | | 0.0003 | X | | | 0.1 | X | | | 5.3 | c** | 23 | c* | | | | | 0.78 | c** | | 0.00022 | |
| 6369-59-1 | Benzenediamine-2-methyl sulfate, 1,4 | Spring 2015 | | | 1 | 0.1 | | 0.0003 | X | | | 0.1 | X | | | 5.4 | c** | 23 | c* | | | | | 0.78 | c** | | 0.00022 | |
| . | Benzenediamine-2-methyl sulfate, 1,4 | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 100-51-6 | Benzyl Alcoho | Winter 2015 | | | 1 | 0.1 | | 0.1 | P | | | | | | | 6200 | n | 82000 | n | | | | | 2000 | n | | 0.48 | |
| 100-51-6 | Benzyl Alcoho | Spring 2015 | | | 1 | 0.1 | | 0.1 | P | | | | | | | 6300 | n | 82000 | n | | | | | 2000 | n | | 0.48 | |
| . | Benzyl Alcoho | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 141-66-2 | Bidrin | Winter 2015 | | | 1 | 0.1 | | 0.0001 | I | | | | | | | 6.2 | n | 82 | n | | | | | 2 | n | | 0.00047 | |
| 141-66-2 | Bidrin | Spring 2015 | | | 1 | 0.1 | | 0.0001 | I | | | | | | | 6.3 | n | 82 | n | | | | | 2 | n | | 0.00047 | |
| . | Bidrin | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 42576-02-3 | Bifenox | Winter 2015 | | | 1 | 0.1 | | 0.009 | P | | | | | | | 550 | n | 7400 | n | | | | | 100 | n | | 0.76 | |
| 42576-02-3 | Bifenox | Spring 2015 | | | 1 | 0.1 | | 0.009 | P | | | | | | | 570 | n | 7400 | n | | | | | 100 | n | | 0.76 | |
| . | Bifenox | Change Effect | | | | | | | | | | | | | | 20 | | | | | | | | | | | | |
| 82657-04-3 | Biphenthrin | Winter 2015 | | | 1 | 0.1 | | 0.015 | I | | | | | | | 920 | n | 12000 | n | | | | | 300 | n | | 1400 | |
| 82657-04-3 | Biphenthrin | Spring 2015 | | | 1 | 0.1 | | 0.015 | I | | | | | | | 950 | n | 12000 | n | | | | | 300 | n | | 1400 | |
| . | Biphenthrin | Change Effect | | | | | | | | | | | | | | 30 | | | | | | | | | | | | |
| 111-91-1 | Bis(2-chloroethoxy)methane | Winter 2015 | | | 1 | 0.1 | | 0.003 | P | | | | | | | 180 | n | 2500 | n | | | | | 59 | n | | 0.013 | |

| CAS | Chemica | Type of Observatior | v o c | mutagen | GIABS | ABS | Csat (mg/kg) | RfDo (mg/kg-day) | k e y_2 | RfCi (mg/m3) | k e y_3 | SFO (mg/kg-day)$^{-1}$ | k e y | IUR (ug/m3)$^{-1}$ | k e y_1 | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key_1 | Residen Air (ug/m$^3$) | key_2 | Industria Air (ug/m$^3$) | key_3 | Tapwater (ug/L) | key_4 | MCL (ug/L) | Risk-based SSL (mg/kg) | MCL-based SSL (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 111-91-1 | Bis(2-chloroethoxy)methane | Spring 2015 | | | 1 | 0.1 | | 0.003 | P | | | | | | | 190 | n | 2500 | n | | | | | 59 | n | | 0.013 | |
| . | Bis(2-chloroethoxy)methane | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 80-05-7 | Bisphenol A | Winter 2015 | | | 1 | 0.1 | | 0.05 | I | | | | | | | 3100 | n | 41000 | n | | | | | 770 | n | | 58 | |
| 80-05-7 | Bisphenol A | Spring 2015 | | | 1 | 0.1 | | 0.05 | I | | | | | | | 3200 | n | 41000 | n | | | | | 770 | n | | 58 | |
| . | Bisphenol A | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 10294-34-5 | Boron Trichloride | Winter 2015 | | | 1 | | | 2 | P | 0.02 | P | | | | | 160000 | nm | 2300000 | nm | 21 | n | 88 | n | 40000 | n | | | |
| 10294-34-5 | Boron Trichloride | Spring 2015 | V | | 1 | | | 2 | P | 0.02 | P | | | | | 160000 | nm | 2300000 | nm | 21 | n | 88 | n | 42 | n | | | |
| . | Boron Trichloride | Change Effect | X. | | | | | | | | | | | | | | | | | | | | | -39958 | | | | |
| 7637-07-2 | Boron Trifluoride | Winter 2015 | | | 1 | | | 0.04 | C | 0.013 | C | | | | | 3100 | n | 47000 | n | 14 | n | 57 | n | 800 | n | | | |
| 7637-07-2 | Boron Trifluoride | Spring 2015 | V | | 1 | | | 0.04 | C | 0.013 | C | | | | | 3100 | n | 47000 | n | 14 | n | 57 | n | 26 | n | | | |
| . | Boron Trifluoride | Change Effect | X. | | | | | | | | | | | | | | | | | | | | | -774 | | | | |
| 75-25-2 | Bromoform | Winter 2015 | | | 1 | 0.1 | | 0.02 | I | | | 0.0079 | I | 0.0000011 | I | 67 | c* | 290 | c* | 2.6 | c | 11 | c | 9.2 | c* | 8.0E+01(F) | 0.0024 | 0.021 |
| 75-25-2 | Bromoform | Spring 2015 | V | | 1 | | 915 | 0.02 | I | | | 0.0079 | I | 0.0000011 | I | 19 | c* | 86 | c | 2.6 | c | 11 | c | 3.3 | c | 8.0E+01(F) | 0.00087 | 0.021 |
| . | Bromoform | Change Effect | X. | | | | | | | | | | | | | -48 | | -204 | .X | | | | | -5.9 | .X | | -0.00153 | |
| 2104-96-3 | Bromophos | Winter 2015 | | | 1 | 0.1 | | 0.005 | H | | | | | | | 310 | n | 4100 | n | | | | | 35 | n | | 0.15 | |
| 2104-96-3 | Bromophos | Spring 2015 | V | | 1 | | | 0.005 | H | | | | | | | 390 | n | 5800 | n | | | | | 35 | n | | 0.15 | |
| . | Bromophos | Change Effect | X. | | | | | | | | | | | | | 80 | | 1700 | | | | | | | | | | |
| 1689-84-5 | Bromoxynil | Winter 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1200 | n | 16000 | n | | | | | 330 | n | | 0.28 | |
| 1689-84-5 | Bromoxynil | Spring 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1300 | n | 16000 | n | | | | | 330 | n | | 0.28 | |
| . | Bromoxynil | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 1689-99-2 | Bromoxynil Octanoate | Winter 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1200 | n | 16000 | n | | | | | 140 | n | | 1.2 | |
| 1689-99-2 | Bromoxynil Octanoate | Spring 2015 | V | | 1 | | | 0.02 | I | | | | | | | 1600 | n | 23000 | n | | | | | 140 | n | | 1.2 | |
| . | Bromoxynil Octanoate | Change Effect | X. | | | | | | | | | | | | | 400 | | 7000 | | | | | | | | | | |
| 71-36-3 | Butanol, N- | Winter 2015 | | | 1 | 0.1 | | 0.1 | I | | | | | | | 6200 | n | 82000 | n | | | | | 2000 | n | | 0.41 | |
| 71-36-3 | Butanol, N- | Spring 2015 | V | | 1 | | 7640 | 0.1 | I | | | | | | | 7800 | ns | 120000 | nms | | | | | 2000 | n | | 0.41 | |
| . | Butanol, N- | Change Effect | X. | | | | | | | | | | | | | 1600 | .X | 38000 | .XX. | | | | | | | | | |
| 85-68-7 | Butyl Benzyl Phthlate | Winter 2015 | | | 1 | 0.1 | | 0.2 | I | | | 0.0019 | P | | | 280 | c* | 1200 | c | | | | | 16 | c | | 0.23 | |
| 85-68-7 | Butyl Benzyl Phthlate | Spring 2015 | | | 1 | 0.1 | | 0.2 | I | | | 0.0019 | P | | | 290 | c* | 1200 | c | | | | | 16 | c | | 0.23 | |
| . | Butyl Benzyl Phthlate | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 78-92-2 | Butyl alcohol, sec- | Winter 2015 | | | 1 | 0.1 | | 2 | P | 30 | P | | | | | 120000 | nm | 1600000 | nm | 31000 | n | 130000 | n | 40000 | n | | 8.1 | |
| 78-92-2 | Butyl alcohol, sec- | Spring 2015 | V | | 1 | | 21300 | 2 | P | 30 | P | | | | | 130000 | nms | 1500000 | nms | 31000 | n | 130000 | n | 24000 | n | | 5 | |
| . | Butyl alcohol, sec- | Change Effect | X. | | | | | | | | | | | | | 10000 | X. | -100000 | X. | | | | | -16000 | | | -3.1 | |
| 2008-41-5 | Butylate | Winter 2015 | | | 1 | 0.1 | | 0.05 | I | | | | | | | 3100 | n | 41000 | n | | | | | 460 | n | | 0.45 | |
| 2008-41-5 | Butylate | Spring 2015 | V | | 1 | | | 0.05 | I | | | | | | | 3900 | n | 58000 | n | | | | | 460 | n | | 0.45 | |
| . | Butylate | Change Effect | X. | | | | | | | | | | | | | 800 | | 17000 | | | | | | | | | | |
| 25013-16-5 | Butylated hydroxyanisole | Winter 2015 | | | 1 | 0.1 | | | | | | 0.0002 | C | 0.000000057 | C | 2700 | c | 12000 | c | 49 | c | 220 | c | 240 | c | | 0.45 | |
| 25013-16-5 | Butylated hydroxyanisole | Spring 2015 | | | 1 | 0.1 | | | | | | 0.0002 | C | 0.000000057 | C | 2700 | c | 11000 | c | 49 | c | 220 | c | 240 | c | | 0.45 | |
| . | Butylated hydroxyanisole | Change Effect | | | | | | | | | | | | | | | | -1000 | | | | | | | | | | |
| 75-60-5 | Cacodylic Acid | Winter 2015 | | | 1 | 0.1 | | 0.02 | A | | | | | | | 1200 | n | 16000 | n | | | | | 400 | n | | | |
| 75-60-5 | Cacodylic Acid | Spring 2015 | | | 1 | 0.1 | | 0.02 | A | | | | | | | 1300 | n | 16000 | n | | | | | 400 | n | | | |
| . | Cacodylic Acid | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 7440-43-9 | Cadmium (Diet) | Winter 2015 | | | 0.025 | 0.001 | | 0.001 | I | 0.00001 | A | | | 0.0018 | I | 70 | n | 980 | n | | | | | | | | | |
| 7440-43-9 | Cadmium (Diet) | Spring 2015 | | | 0.025 | 0.001 | | 0.001 | I | 0.00001 | A | | | 0.0018 | I | 71 | n | 980 | n | | | | | | | | | |
| . | Cadmium (Diet) | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 133-06-2 | Captan | Winter 2015 | | | 1 | 0.1 | | 0.13 | I | | | 0.0023 | C | 0.00000066 | C | 230 | c* | 1000 | c | 4.3 | c | 19 | c | 31 | c* | | 0.022 | |
| 133-06-2 | Captan | Spring 2015 | | | 1 | 0.1 | | 0.13 | I | | | 0.0023 | C | 0.00000066 | C | 240 | c* | 1000 | c | 4.3 | c | 19 | c | 31 | c* | | 0.022 | |
| . | Captan | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 63-25-2 | Carbaryl | Winter 2015 | | | 1 | 0.1 | | 0.1 | I | | | | | | | 6200 | n | 82000 | n | | | | | 1800 | n | | 1.7 | |
| 63-25-2 | Carbaryl | Spring 2015 | | | 1 | 0.1 | | 0.1 | I | | | | | | | 6300 | n | 82000 | n | | | | | 1800 | n | | 1.7 | |
| . | Carbaryl | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 1563-66-2 | Carbofuran | Winter 2015 | | | 1 | 0.1 | | 0.005 | I | | | | | | | 310 | n | 4100 | n | | | | | 94 | n | 40 | 0.037 | 0.016 |
| 1563-66-2 | Carbofuran | Spring 2015 | | | 1 | 0.1 | | 0.005 | I | | | | | | | 320 | n | 4100 | n | | | | | 94 | n | 40 | 0.037 | 0.016 |
| . | Carbofuran | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 55285-14-8 | Carbosulfan | Winter 2015 | | | 1 | 0.1 | | 0.01 | I | | | | | | | 620 | n | 8200 | n | | | | | 51 | n | | 1.2 | |
| 55285-14-8 | Carbosulfan | Spring 2015 | | | 1 | 0.1 | | 0.01 | I | | | | | | | 630 | n | 8200 | n | | | | | 51 | n | | 1.2 | |
| . | Carbosulfan | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 5234-68-4 | Carboxin | Winter 2015 | | | 1 | 0.1 | | 0.1 | I | | | | | | | 6200 | n | 82000 | n | | | | | 1900 | n | | 1 | |
| 5234-68-4 | Carboxin | Spring 2015 | | | 1 | 0.1 | | 0.1 | I | | | | | | | 6300 | n | 82000 | n | | | | | 1900 | n | | 1 | |
| . | Carboxin | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 302-17-0 | Chloral Hydrate | Winter 2015 | | | 1 | 0.1 | | 0.1 | I | | | | | | | 6200 | n | 82000 | n | | | | | 2000 | n | | 0.4 | |
| 302-17-0 | Chloral Hydrate | Spring 2015 | V | | 1 | | | 0.1 | I | | | | | | | 7800 | n | 120000 | nm | | | | | 2000 | n | | 0.4 | |
| . | Chloral Hydrate | Change Effect | X. | | | | | | | | | | | | | 1600 | | 38000 | .X | | | | | | | | | |
| 133-90-4 | Chloramben | Winter 2015 | | | 1 | 0.1 | | 0.015 | I | | | | | | | 920 | n | 12000 | n | | | | | 290 | n | | 0.07 | |
| 133-90-4 | Chloramben | Spring 2015 | | | 1 | 0.1 | | 0.015 | I | | | | | | | 950 | n | 12000 | n | | | | | 290 | n | | 0.07 | |
| . | Chloramben | Change Effect | | | | | | | | | | | | | | 30 | | | | | | | | | | | | |
| 12789-03-6 | Chlordane | Winter 2015 | | | 1 | 0.04 | | 0.0005 | I | 0.0007 | I | 0.35 | I | 0.0001 | I | 1.8 | c* | 8 | c* | 0.028 | c* | 0.12 | c* | 0.22 | c* | 2 | 0.015 | 0.14 |
| 12789-03-6 | Chlordane | Spring 2015 | V | | 1 | 0.04 | | 0.0005 | I | 0.0007 | I | 0.35 | I | 0.0001 | I | 1.7 | c* | 7.5 | c* | 0.028 | c* | 0.12 | c* | 0.045 | c* | 2 | 0.003 | 0.14 |
| . | Chlordane | Change Effect | X. | | | | | | | | | | | | | -0.1 | | -0.5 | | | | | | -0.175 | | | -0.012 | |
| 143-50-0 | Chlordecone (Kepone) | Winter 2015 | | | 1 | 0.1 | | 0.0003 | I | | | 10 | I | 0.0046 | C | 0.053 | c | 0.23 | c | 0.00061 | c | 0.0027 | c | 0.0035 | c | | 0.00012 | |
| 143-50-0 | Chlordecone (Kepone) | Spring 2015 | | | 1 | 0.1 | | 0.0003 | I | | | 10 | I | 0.0046 | C | 0.054 | c | 0.23 | c | 0.00061 | c | 0.0027 | c | 0.0035 | c | | 0.00012 | |
| . | Chlordecone (Kepone) | Change Effect | | | | | | | | | | | | | | 0.001 | | | | | | | | | | | | |
| 470-90-6 | Chlorfenvinphos | Winter 2015 | | | 1 | 0.1 | | 0.0007 | A | | | | | | | 43 | n | 580 | n | | | | | 11 | n | | 0.031 | |
| 470-90-6 | Chlorfenvinphos | Spring 2015 | | | 1 | 0.1 | | 0.0007 | A | | | | | | | 44 | n | 570 | n | | | | | 11 | n | | 0.031 | |
| . | Chlorfenvinphos | Change Effect | | | | | | | | | | | | | | 1 | | -10 | | | | | | | | | | |
| 90982-32-4 | Chlorimuron, Ethyl- | Winter 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1200 | n | 16000 | n | | | | | 390 | n | | 0.13 | |
| 90982-32-4 | Chlorimuron, Ethyl- | Spring 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1300 | n | 16000 | n | | | | | 390 | n | | 0.13 | |
| . | Chlorimuron, Ethyl- | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 7782-50-5 | Chlorine | Winter 2015 | | | 1 | | | 0.1 | I | 0.00015 | A | | | | | 7500 | n | 100000 | nm | 0.15 | n | 0.64 | n | 2000 | n | | 0.9 | |
| 7782-50-5 | Chlorine | Spring 2015 | V | | 1 | | 2780 | 0.1 | I | 0.00015 | A | | | | | 0.18 | n | 0.78 | n | 0.15 | n | 0.64 | n | 0.3 | n | | 0.00014 | |
| . | Chlorine | Change Effect | X. | | | | | | | | | | | | | -7499.82 | | -99999.22 | .X | | | | | -1999.7 | | | -0.89986 | |
| 10049-04-4 | Chlorine Dioxide | Winter 2015 | | | 1 | | | 0.03 | I | 0.0002 | I | | | | | 2300 | n | 34000 | n | 0.21 | n | 0.88 | n | 600 | n | | | |
| 10049-04-4 | Chlorine Dioxide | Spring 2015 | V | | 1 | | | 0.03 | I | 0.0002 | I | | | | | 2300 | n | 34000 | n | 0.21 | n | 0.88 | n | 0.42 | n | | | |
| . | Chlorine Dioxide | Change Effect | X. | | | | | | | | | | | | | | | | | | | | | -599.58 | | | | |
| 95-69-2 | Chloro-2-methylaniline, 4 | Winter 2015 | | | 1 | 0.1 | | 0.003 | X | | | 0.1 | P | 0.000077 | C | 5.3 | c* | 23 | c | 0.036 | c | 0.16 | c | 0.69 | c* | | 0.00039 | |
| 95-69-2 | Chloro-2-methylaniline, 4 | Spring 2015 | | | 1 | 0.1 | | 0.003 | X | | | 0.1 | P | 0.000077 | C | 5.4 | c* | 23 | c | 0.036 | c | 0.16 | c | 0.69 | c* | | 0.00039 | |
| . | Chloro-2-methylaniline, 4 | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 107-20-0 | Chloroacetaldehyde, 2 | Winter 2015 | V | | 1 | 0.1 | 28300 | | | | | 0.27 | X | | | 2 | c | 8.6 | c | | | | | 0.29 | c | | 0.000058 | |
| 107-20-0 | Chloroacetaldehyde, 2 | Spring 2015 | V | | 1 | | 28300 | | | | | 0.27 | X | | | 2.6 | c | 12 | c | | | | | 0.29 | c | | 0.000058 | |
| . | Chloroacetaldehyde, 2 | Change Effect | | | | | | | | | | | | | | 0.6 | | 3.4 | | | | | | | | | | |
| 79-11-8 | Chloroacetic Acid | Winter 2015 | | | 1 | 0.1 | | 0.002 | H | | | | | | | 120 | n | 1600 | n | | | | | 40 | n | 60 | 0.0081 | 0.012 |
| 79-11-8 | Chloroacetic Acid | Spring 2015 | | | 1 | 0.1 | | 0.002 | H | | | | | | | 130 | n | 1600 | n | | | | | 40 | n | 60 | 0.0081 | 0.012 |
| . | Chloroacetic Acid | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 106-47-8 | Chloroaniline, p- | Winter 2015 | | | 1 | 0.1 | | 0.004 | I | | | 0.2 | P | | | 2.7 | c* | 12 | c | | | | | 0.36 | c | | 0.00016 | |
| 106-47-8 | Chloroaniline, p- | Spring 2015 | | | 1 | 0.1 | | 0.004 | I | | | 0.2 | P | | | 2.7 | c* | 11 | c | | | | | 0.36 | c | | 0.00016 | |
| . | Chloroaniline, p- | Change Effect | | | | | | | | | | | | | | -1 | | | | | | | | | | | | |
| 510-15-6 | Chlorobenzilate | Winter 2015 | | | 1 | 0.1 | | 0.02 | I | | | 0.11 | C | 0.000031 | C | 4.8 | c | 21 | c | 0.091 | c | 0.4 | c | 0.31 | c | | 0.001 | |
| 510-15-6 | Chlorobenzilate | Spring 2015 | | | 1 | 0.1 | | 0.02 | I | | | 0.11 | C | 0.000031 | C | 4.9 | c | 21 | c | 0.091 | c | 0.4 | c | 0.31 | c | | 0.001 | |
| . | Chlorobenzilate | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 74-11-3 | Chlorobenzoic Acid, p- | Winter 2015 | | | 1 | 0.1 | | 0.03 | X | | | | | | | 1800 | n | 25000 | n | | | | | 510 | n | | 0.13 | |
| 74-11-3 | Chlorobenzoic Acid, p- | Spring 2015 | | | 1 | 0.1 | | 0.03 | X | | | | | | | 1900 | n | 25000 | n | | | | | 510 | n | | 0.13 | |
| . | Chlorobenzoic Acid, p- | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 107-07-3 | Chloroethanol, 2- | Winter 2015 | | | 1 | 0.1 | | 0.02 | P | | | | | | | 1200 | n | 16000 | n | | | | | 400 | n | | 0.081 | |
| 107-07-3 | Chloroethanol, 2- | Spring 2015 | V | | 1 | | 111000 | 0.02 | P | | | | | | | 1600 | n | 23000 | n | | | | | 400 | n | | 0.081 | |
| . | Chloroethanol, 2- | Change Effect | X. | | | | | | | | | | | | | 400 | | 7000 | | | | | | | | | | |
| 100-00-5 | Chloronitrobenzene, p | Winter 2015 | | | 1 | 0.1 | | 0.001 | P | 0.0006 | P | 0.0063 | P | | | 62 | n | 370 | c** | 0.63 | n | 2.6 | n | 11 | c** | | 0.01 | |
| 100-00-5 | Chloronitrobenzene, p | Spring 2015 | | | 1 | 0.1 | | 0.001 | P | 0.0006 | P | 0.0063 | P | | | 63 | n | 360 | c** | 0.63 | n | 2.6 | n | 11 | c** | | 0.01 | |
| . | Chloronitrobenzene, p | Change Effect | | | | | | | | | | | | | | 1 | | -10 | | | | | | | | | | |
| 1897-45-6 | Chlorothalonil | Winter 2015 | | | 1 | 0.1 | | 0.015 | I | | | 0.0031 | C | 0.00000085 | C | 170 | c** | 740 | c* | 3.2 | c | 14 | c | 22 | c* | | 0.049 | |
| 1897-45-6 | Chlorothalonil | Spring 2015 | | | 1 | 0.1 | | 0.015 | I | | | 0.0031 | C | 0.00000085 | C | 180 | c** | 740 | c* | 3.2 | c | 14 | c | 22 | c* | | 0.049 | |
| . | Chlorothalonil | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 101-21-3 | Chlorpropham | Winter 2015 | | | 1 | 0.1 | | 0.2 | I | | | | | | | 12000 | n | 160000 | nm | | | | | 2800 | n | | 2.6 | |
| 101-21-3 | Chlorpropham | Spring 2015 | | | 1 | 0.1 | | 0.2 | I | | | | | | | 13000 | n | 160000 | nm | | | | | 2800 | n | | 2.6 | |

| CAS | Chemica | Type of Observatior | v o c | mutagen | GIABS | ABS | Csat (mg/kg) | RfDo (mg/kg-day) | k e y_2 | RfCi (mg/m3) | k e y_3 | SFO (mg/kg-day)$^{-1}$ | k e y | IUR (ug/m3)$^{-1}$ | k e y_1 | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key_1 | Resident Air (ug/m$^3$) | key_2 | Industria Air (ug/m$^3$) | key_3 | Tapwater (ug/L) | key_4 | MCL (ug/L) | Risk-based SSL (mg/kg) | MCL-based SSL (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| . | Chlorpropham | Change Effect | | | | | | | | | | | | | | 1000 | | | | | | | | | | | | |
| 2921-88-2 | Chlorpyrifos | Winter 2015 | | | 1 | 0.1 | | 0.001 | A | | | | | | | 62 | n | 820 | n | | | | | 8.4 | n | | 0.12 | |
| 2921-88-2 | Chlorpyrifos | Spring 2015 | | | 1 | 0.1 | | 0.001 | A | | | | | | | 63 | n | 820 | n | | | | | 8.4 | n | | 0.12 | |
| . | Chlorpyrifos | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 5598-13-0 | Chlorpyrifos Methy | Winter 2015 | | | 1 | 0.1 | | 0.01 | H | | | | | | | 620 | n | 8200 | n | | | | | 120 | n | | 0.54 | |
| 5598-13-0 | Chlorpyrifos Methy | Spring 2015 | | | 1 | 0.1 | | 0.01 | H | | | | | | | 630 | n | 8200 | n | | | | | 120 | n | | 0.54 | |
| . | Chlorpyrifos Methy | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 64902-72-3 | Chlorsulfuron | Winter 2015 | | | 1 | 0.1 | | 0.05 | I | | | | | | | 3100 | n | 41000 | n | | | | | 990 | n | | 0.83 | |
| 64902-72-3 | Chlorsulfuron | Spring 2015 | | | 1 | 0.1 | | 0.05 | I | | | | | | | 3200 | n | 41000 | n | | | | | 990 | n | | 0.83 | |
| . | Chlorsulfuron | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 60238-56-4 | Chlorthiophos | Winter 2015 | | | 1 | 0.1 | | 0.0008 | H | | | | | | | 49 | n | 660 | n | | | | | 2.8 | n | | 0.073 | |
| 60238-56-4 | Chlorthiophos | Spring 2015 | | | 1 | 0.1 | | 0.0008 | H | | | | | | | 51 | n | 660 | n | | | | | 2.8 | n | | 0.073 | |
| . | Chlorthiophos | Change Effect | | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| 8007-45-2 | Coke Oven Emissions | Winter 2015 | | M | 1 | 0.1 | | | | | | | | 0.00062 | I | | | | | 0.0016 | c | 0.02 | c | | | | | |
| 8007-45-2 | Coke Oven Emissions | Spring 2015 | V | M | 1 | | | | | | | | | 0.00062 | I | | | | | 0.0016 | c | 0.02 | c | | | | | |
| . | Coke Oven Emissions | Change Effect | X. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 108-39-4 | Cresol, m- | Winter 2015 | | | 1 | 0.1 | | 0.05 | I | 0.6 | C | | | | | 3100 | n | 41000 | n | 630 | n | 2600 | n | 930 | n | | 0.74 | |
| 108-39-4 | Cresol, m- | Spring 2015 | | | 1 | 0.1 | | 0.05 | I | 0.6 | C | | | | | 3200 | n | 41000 | n | 630 | n | 2600 | n | 930 | n | | 0.74 | |
| . | Cresol, m- | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 95-48-7 | Cresol, o- | Winter 2015 | | | 1 | 0.1 | | 0.05 | I | 0.6 | C | | | | | 3100 | n | 41000 | n | 630 | n | 2600 | n | 930 | n | | 0.75 | |
| 95-48-7 | Cresol, o- | Spring 2015 | | | 1 | 0.1 | | 0.05 | I | 0.6 | C | | | | | 3200 | n | 41000 | n | 630 | n | 2600 | n | 930 | n | | 0.75 | |
| . | Cresol, o- | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 106-44-5 | Cresol, p- | Winter 2015 | | | 1 | 0.1 | | 0.1 | A | 0.6 | C | | | | | 6200 | n | 82000 | n | 630 | n | 2600 | n | 1900 | n | | 1.5 | |
| 106-44-5 | Cresol, p- | Spring 2015 | | | 1 | 0.1 | | 0.1 | A | 0.6 | C | | | | | 6300 | n | 82000 | n | 630 | n | 2600 | n | 1900 | n | | 1.5 | |
| . | Cresol, p- | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 59-50-7 | Cresol, p-chloro-m- | Winter 2015 | | | 1 | 0.1 | | 0.1 | A | | | | | | | 6200 | n | 82000 | n | | | | | 1400 | n | | 1.7 | |
| 59-50-7 | Cresol, p-chloro-m- | Spring 2015 | | | 1 | 0.1 | | 0.1 | A | | | | | | | 6300 | n | 82000 | n | | | | | 1400 | n | | 1.7 | |
| . | Cresol, p-chloro-m- | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 1319-77-3 | Cresols | Winter 2015 | | | 1 | 0.1 | | 0.1 | A | 0.6 | C | | | | | 6200 | n | 82000 | n | 630 | n | 2600 | n | 1900 | n | | 1.5 | |
| 1319-77-3 | Cresols | Spring 2015 | | | 1 | 0.1 | | 0.1 | A | 0.6 | C | | | | | 6300 | n | 82000 | n | 630 | n | 2600 | n | 1900 | n | | 1.5 | |
| . | Cresols | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 135-20-6 | Cupferron | Winter 2015 | | | 1 | 0.1 | | | | | | 0.22 | C | 0.000063 | C | 2.4 | c | 10 | c | 0.045 | c | 0.19 | c | 0.35 | c | | 0.00061 | |
| 135-20-6 | Cupferron | Spring 2015 | | | 1 | 0.1 | | | | | | 0.22 | C | 0.000063 | C | 2.5 | c | 10 | c | 0.045 | c | 0.19 | c | 0.35 | c | | 0.00061 | |
| . | Cupferron | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 21725-46-2 | Cyanazine | Winter 2015 | | | 1 | 0.1 | | 0.002 | H | | | 0.84 | H | | | 0.63 | c | 2.7 | c | | | | | 0.087 | c | | 0.000041 | |
| 21725-46-2 | Cyanazine | Spring 2015 | | | 1 | 0.1 | | 0.002 | H | | | 0.84 | H | | | 0.65 | c | 2.7 | c | | | | | 0.087 | c | | 0.000041 | |
| . | Cyanazine | Change Effect | | | | | | | | | | | | | | 0.02 | | | | | | | | | | | | |
| 87-84-3 | Cyclohexane, 1,2,3,4,5-pentabromo-6-chlorc | Winter 2015 | | | 1 | 0.1 | | | | | | 0.023 | H | | | 23 | c | 100 | c | | | | | 2.4 | c | | 0.014 | |
| 87-84-3 | Cyclohexane, 1,2,3,4,5-pentabromo-6-chlorc | Spring 2015 | | | 1 | 0.1 | | | | | | 0.023 | H | | | 24 | c | 100 | c | | | | | 2.4 | c | | 0.014 | |
| . | Cyclohexane, 1,2,3,4,5-pentabromo-6-chlorc | Change Effect | | | | | | | | | | | | | | -1 | | | | | | | | | | | | |
| 108-94-1 | Cyclohexanone | Winter 2015 | | | 1 | 0.1 | | 5 | I | 0.7 | P | | | | | 310000 | nm | 4100000 | nm | 730 | n | 3100 | n | 99000 | n | | 23 | |
| 108-94-1 | Cyclohexanone | Spring 2015 | V | | 1 | | 5110 | 5 | I | 0.7 | P | | | | | 28000 | ns | 130000 | nms | 730 | n | 3100 | n | 1400 | n | | 0.34 | |
| . | Cyclohexanone | Change Effect | X. | | | | | | | | | | | | | -282000 | .X | -3970000 | X. | | | | | -97600 | | | -22.66 | |
| 110-83-8 | Cyclohexene | Winter 2015 | V | | 1 | | 283 | 0.005 | P | 1 | X | | | | | 310 | ns | 2900 | ns | 1000 | n | 4400 | n | 70 | n | | 0.046 | |
| 110-83-8 | Cyclohexene | Spring 2015 | V | | 1 | | 283 | 0.005 | P | 1 | X | | | | | 310 | ns | 3100 | ns | 1000 | n | 4400 | n | 70 | n | | 0.046 | |
| . | Cyclohexene | Change Effect | | | | | | | | | | | | | | 200 | | | | | | | | | | | | |
| 108-91-8 | Cyclohexylamine | Winter 2015 | | | 1 | 0.1 | | 0.2 | I | | | | | | | 12000 | n | 160000 | nm | | | | | 3800 | n | | 1 | |
| 108-91-8 | Cyclohexylamine | Spring 2015 | V | | 1 | | 293000 | 0.2 | I | | | | | | | 16000 | n | 230000 | nm | | | | | 3800 | n | | 1 | |
| . | Cyclohexylamine | Change Effect | X. | | | | | | | | | | | | | 4000 | | 70000 | | | | | | | | | | |
| 68085-85-8 | Cyhalothrin/karate | Winter 2015 | | | 1 | 0.1 | | 0.005 | I | | | | | | | 310 | n | 4100 | n | | | | | 100 | n | | 68 | |
| 68085-85-8 | Cyhalothrin/karate | Spring 2015 | | | 1 | 0.1 | | 0.005 | I | | | | | | | 320 | n | 4100 | n | | | | | 100 | n | | 68 | |
| . | Cyhalothrin/karate | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 52315-07-8 | Cypermethrin | Winter 2015 | | | 1 | 0.1 | | 0.01 | I | | | | | | | 620 | n | 8200 | n | | | | | 200 | n | | 32 | |
| 52315-07-8 | Cypermethrin | Spring 2015 | | | 1 | 0.1 | | 0.01 | I | | | | | | | 630 | n | 8200 | n | | | | | 200 | n | | 32 | |
| . | Cypermethrin | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 66215-27-8 | Cyromazine | Winter 2015 | | | 1 | 0.1 | | 0.0075 | I | | | | | | | 460 | n | 6200 | n | | | | | 150 | n | | 0.038 | |
| 66215-27-8 | Cyromazine | Spring 2015 | | | 1 | 0.1 | | 0.0075 | I | | | | | | | 470 | n | 6200 | n | | | | | 150 | n | | 0.038 | |
| . | Cyromazine | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 72-54-8 | DDD | Winter 2015 | | | 1 | 0.1 | | | | | | 0.24 | I | 0.000069 | C | 2.2 | c | 9.6 | c | 0.041 | c | 0.18 | c | 0.031 | c | | 0.0072 | |
| 72-54-8 | DDD | Spring 2015 | | | 1 | 0.1 | | | | | | 0.24 | I | 0.000069 | C | 2.3 | c | 9.6 | c | 0.041 | c | 0.18 | c | 0.031 | c | | 0.0072 | |
| . | DDD | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 72-55-9 | DDE, p,p'- | Winter 2015 | | | 1 | 0.1 | | | | | | 0.34 | I | 0.000097 | C | 1.6 | c | 6.8 | c | 0.029 | c | 0.13 | c | 0.23 | c | | 0.054 | |
| 72-55-9 | DDE, p,p'- | Spring 2015 | V | | 1 | | | | | | | 0.34 | I | 0.000097 | C | 2 | c | 9.3 | c | 0.029 | c | 0.13 | c | 0.046 | c | | 0.011 | |
| . | DDE, p,p'- | Change Effect | X. | | | | | | | | | | | | | 0.4 | | 2.5 | | | | | | -0.184 | | | -0.043 | |
| 50-29-3 | DDT | Winter 2015 | | | 1 | 0.03 | | 0.0005 | I | | | 0.34 | I | 0.000097 | I | 1.9 | c* | 8.6 | c* | 0.029 | c | 0.13 | c | 0.23 | c* | | 0.077 | |
| 50-29-3 | DDT | Spring 2015 | | | 1 | 0.03 | | 0.0005 | I | | | 0.34 | I | 0.000097 | I | 1.9 | c* | 8.5 | c* | 0.029 | c | 0.13 | c | 0.23 | c* | | 0.077 | |
| . | DDT | Change Effect | | | | | | | | | | | | | | | | -0.1 | | | | | | | | | | |
| 1861-32-1 | Dacthal | Winter 2015 | | | 1 | 0.1 | | 0.01 | I | | | | | | | 620 | n | 8200 | n | | | | | 120 | n | | 0.15 | |
| 1861-32-1 | Dacthal | Spring 2015 | | | 1 | 0.1 | | 0.01 | I | | | | | | | 630 | n | 8200 | n | | | | | 120 | n | | 0.15 | |
| . | Dacthal | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 75-99-0 | Dalapon | Winter 2015 | | | 1 | 0.1 | | 0.03 | I | | | | | | | 1800 | n | 25000 | n | | | | | 600 | n | 200 | 0.12 | 0.041 |
| 75-99-0 | Dalapon | Spring 2015 | | | 1 | 0.1 | | 0.03 | I | | | | | | | 1900 | n | 25000 | n | | | | | 600 | n | 200 | 0.12 | 0.041 |
| . | Dalapon | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 1163-19-5 | Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-20 | Winter 2015 | | | 1 | 0.1 | | 0.007 | I | | | 0.0007 | I | | | 430 | n | 3300 | c** | | | | | 110 | c** | | 62 | |
| 1163-19-5 | Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-20 | Spring 2015 | | | 1 | 0.1 | | 0.007 | I | | | 0.0007 | I | | | 440 | n | 3300 | c** | | | | | 110 | c** | | 62 | |
| . | Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-20 | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 103-23-1 | Di(2-ethylhexyl)adipate | Winter 2015 | | | 1 | 0.1 | | 0.6 | I | | | 0.0012 | I | | | 440 | c* | 1900 | c | | | | | 65 | c | 400 | 4.7 | 29 |
| 103-23-1 | Di(2-ethylhexyl)adipate | Spring 2015 | | | 1 | 0.1 | | 0.6 | I | | | 0.0012 | I | | | 450 | c* | 1900 | c | | | | | 65 | c | 400 | 4.7 | 29 |
| . | Di(2-ethylhexyl)adipate | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 2303-16-4 | Diallate | Winter 2015 | | | 1 | 0.1 | | | | | | 0.061 | H | | | 8.7 | c | 38 | c | | | | | 0.52 | c | | 0.00078 | |
| 2303-16-4 | Diallate | Spring 2015 | | | 1 | 0.1 | | | | | | 0.061 | H | | | 8.9 | c | 38 | c | | | | | 0.52 | c | | 0.00078 | |
| . | Diallate | Change Effect | | | | | | | | | | | | | | 0.2 | | | | | | | | | | | | |
| 333-41-5 | Diazinon | Winter 2015 | | | 1 | 0.1 | | 0.0007 | A | | | | | | | 43 | n | 580 | n | | | | | 10 | n | | 0.065 | |
| 333-41-5 | Diazinon | Spring 2015 | | | 1 | 0.1 | | 0.0007 | A | | | | | | | 44 | n | 570 | n | | | | | 10 | n | | 0.065 | |
| . | Diazinon | Change Effect | | | | | | | | | | | | | | 1 | | -10 | | | | | | | | | | |
| 96-12-8 | Dibromo-3-chloropropane, 1,2 | Winter 2015 | V | M | 1 | | 979 | 0.0002 | P | 0.0002 | I | 0.8 | P | 0.006 | P | 0.0053 | c | 0.064 | c | 0.00017 | c | 0.002 | c | 0.00033 | c | 0.2 | 0.00000014 | 0.000086 |
| 96-12-8 | Dibromo-3-chloropropane, 1,2 | Spring 2015 | V | M | 1 | | 979 | 0.0002 | P | 0.0002 | I | 0.8 | P | 0.006 | P | 0.0053 | c | 0.064 | c | 0.00017 | c | 0.002 | c | 0.0086 | c* | 0.2 | 0.0000037 | 0.000086 |
| . | Dibromo-3-chloropropane, 1,2 | Change Effect | | | | | | | | | | | | | | | | | | | | | | 0.00827 | .X | | | |
| 108-36-1 | Dibromobenzene, 1,3- | Winter 2015 | | | 1 | 0.1 | | 0.0004 | X | | | | | | | 25 | n | 330 | n | | | | | 5.3 | n | | 0.0051 | |
| 108-36-1 | Dibromobenzene, 1,3- | Spring 2015 | V | | 1 | | 159 | 0.0004 | X | | | | | | | 31 | n | 470 | ns | | | | | 5.3 | n | | 0.0051 | |
| . | Dibromobenzene, 1,3- | Change Effect | X. | | | | | | | | | | | | | 6 | | 140 | .X | | | | | | | | | |
| 106-37-6 | Dibromobenzene, 1,4- | Winter 2015 | | | 1 | 0.1 | | 0.01 | I | | | | | | | 620 | n | 8200 | n | | | | | 130 | n | | 0.12 | |
| 106-37-6 | Dibromobenzene, 1,4- | Spring 2015 | V | | 1 | | | 0.01 | I | | | | | | | 780 | n | 12000 | n | | | | | 130 | n | | 0.12 | |
| . | Dibromobenzene, 1,4- | Change Effect | X. | | | | | | | | | | | | | 160 | | 3800 | | | | | | | | | | |
| 124-48-1 | Dibromochloromethane | Winter 2015 | V | | 1 | 0.1 | 802 | 0.02 | I | | | 0.084 | I | 0.000027 | C | 0.73 | c | 3.2 | c | 0.1 | c | 0.45 | c | 0.17 | c | 8.0E+01(F) | 0.000045 | 0.021 |
| 124-48-1 | Dibromochloromethane | Spring 2015 | V | | 1 | | 802 | 0.02 | I | | | 0.084 | I | 0.000027 | C | 0.75 | c | 3.3 | c | 0.1 | c | 0.45 | c | 0.17 | c | 8.0E+01(F) | 0.000045 | 0.021 |
| . | Dibromochloromethane | Change Effect | | | | | | | | | | | | | | 0.02 | | 0.1 | | | | | | | | | | |
| NA | Dibutyltin Compounds | Winter 2015 | | | 1 | 0.1 | | 0.0003 | P | | | | | | | 18 | n | 250 | n | | | | | 6 | n | | | |
| NA | Dibutyltin Compounds | Spring 2015 | | | 1 | 0.1 | | 0.0003 | P | | | | | | | 19 | n | 250 | n | | | | | 6 | n | | | |
| . | Dibutyltin Compounds | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 1918-00-9 | Dicamba | Winter 2015 | | | 1 | 0.1 | | 0.03 | I | | | | | | | 1800 | n | 25000 | n | | | | | 570 | n | | 0.15 | |
| 1918-00-9 | Dicamba | Spring 2015 | | | 1 | 0.1 | | 0.03 | I | | | | | | | 1900 | n | 25000 | n | | | | | 570 | n | | 0.15 | |
| . | Dicamba | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 764-41-0 | Dichloro-2-butene, 1,4- | Winter 2015 | V | | 1 | | 519 | | | | | | | 0.0042 | P | 0.0074 | c | 0.032 | c | 0.00067 | c | 0.0029 | c | 0.0013 | c | | 0.00000062 | |
| 764-41-0 | Dichloro-2-butene, 1,4- | Spring 2015 | V | | 1 | | 518 | | | | | | | 0.0042 | P | 0.0083 | c | 0.036 | c | 0.00067 | c | 0.0029 | c | 0.0013 | c | | 0.00000062 | |
| . | Dichloro-2-butene, 1,4- | Change Effect | | | | | -1 | | | | | | | | | 0.0009 | | 0.004 | | | | | | | | | | |
| 1476-11-5 | Dichloro-2-butene, cis-1,4- | Winter 2015 | V | | 1 | 0.1 | 519 | | | | | | | 0.0042 | P | 0.0074 | c | 0.032 | c | 0.00067 | c | 0.0029 | c | 0.0013 | c | | 0.00000062 | |
| 1476-11-5 | Dichloro-2-butene, cis-1,4- | Spring 2015 | V | | 1 | | 519 | | | | | | | 0.0042 | P | 0.0074 | c | 0.032 | c | 0.00067 | c | 0.0029 | c | 0.0013 | c | | 0.00000062 | |
| . | Dichloro-2-butene, cis-1,4- | Change Effect | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110-57-6 | Dichloro-2-butene, trans-1,4 | Winter 2015 | V | | 1 | 0.1 | 760 | | | | | | | 0.0042 | P | 0.0074 | c | 0.032 | c | 0.00067 | c | 0.0029 | c | 0.0013 | c | | 0.00000062 | |
| 110-57-6 | Dichloro-2-butene, trans-1,4 | Spring 2015 | V | | 1 | | 760 | | | | | | | 0.0042 | P | 0.0074 | c | 0.032 | c | 0.00067 | c | 0.0029 | c | 0.0013 | c | | 0.00000062 | |
| . | Dichloro-2-butene, trans-1,4 | Change Effect | | | | | | | | | | | | | | | | | | | | | | | | | | |

| CAS | Chemica | Type of Observatior | v o c | mutager | GIABS | ABS | Csat (mg/kg) | RfDo (mg/kg-day) | k e y_2 | RfCi (mg/m3) | k e y_3 | SFO (mg/kg-day)$^{-1}$ | k e y | IUR (ug/m3)$^{-1}$ | k e y_1 | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key_1 | Resident Air (ug/m$^3$) | key_2 | Industria Air (ug/m$^3$) | key_3 | Tapwater (ug/L) | key_4 | MCL (ug/L) | Risk-based SSL (mg/kg) | MCL-based SSL (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90-98-2 | Dichlorobenzophenone, 4,4' | Winter 2015 | | | 1 | 0.1 | | 0.009 | X | | | | | | | 550 | n | 7400 | n | | | | | 78 | n | | 0.47 | |
| 90-98-2 | Dichlorobenzophenone, 4,4' | Spring 2015 | | | 1 | 0.1 | | 0.009 | X | | | | | | | 570 | n | 7400 | n | | | | | 78 | n | | 0.47 | |
| . | Dichlorobenzophenone, 4,4' | Change Effect | | | | | | | | | | | | | | 20 | | | | | | | | | | | | |
| 156-60-5 | Dichloroethylene, 1,2-trans | Winter 2015 | V | | 1 | | 1670 | 0.02 | I | | | | | | | 1600 | n | 23000 | ns | | | | | 360 | n | 100 | 0.11 | 0.029 |
| 156-60-5 | Dichloroethylene, 1,2-trans | Spring 2015 | V | | 1 | | 1860 | 0.02 | I | | | | | | | 1600 | n | 23000 | ns | | | | | 360 | n | 100 | 0.11 | 0.031 |
| . | Dichloroethylene, 1,2-trans | Change Effect | | | | | 190 | | | | | | | | | | | | | | | | | | | | | 0.002 |
| 120-83-2 | Dichlorophenol, 2,4- | Winter 2015 | | | 1 | 0.1 | | 0.003 | I | | | | | | | 180 | n | 2500 | n | | | | | 46 | n | | 0.054 | |
| 120-83-2 | Dichlorophenol, 2,4- | Spring 2015 | | | 1 | 0.1 | | 0.003 | I | | | | | | | 190 | n | 2500 | n | | | | | 46 | n | | 0.054 | |
| . | Dichlorophenol, 2,4- | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 94-75-7 | Dichlorophenoxy Acetic Acid, 2,4 | Winter 2015 | | | 1 | 0.05 | | 0.01 | I | | | | | | | 690 | n | 9700 | n | | | | | 170 | n | 70 | 0.045 | 0.018 |
| 94-75-7 | Dichlorophenoxy Acetic Acid, 2,4 | Spring 2015 | | | 1 | 0.05 | | 0.01 | I | | | | | | | 700 | n | 9600 | n | | | | | 170 | n | 70 | 0.045 | 0.018 |
| . | Dichlorophenoxy Acetic Acid, 2,4 | Change Effect | | | | | | | | | | | | | | 10 | | -100 | | | | | | | | | | |
| 94-82-6 | Dichlorophenoxy)butyric Acid, 4-(2,4 | Winter 2015 | | | 1 | 0.1 | | 0.008 | I | | | | | | | 490 | n | 6600 | n | | | | | 120 | n | | 0.048 | |
| 94-82-6 | Dichlorophenoxy)butyric Acid, 4-(2,4 | Spring 2015 | | | 1 | 0.1 | | 0.008 | I | | | | | | | 510 | n | 6600 | n | | | | | 120 | n | | 0.11 | |
| . | Dichlorophenoxy)butyric Acid, 4-(2,4 | Change Effect | | | | | | | | | | | | | | 20 | | | | | | | | | | | 0.062 | |
| 616-23-9 | Dichloropropanol, 2,3 | Winter 2015 | | | 1 | 0.1 | | 0.003 | I | | | | | | | 180 | n | 2500 | n | | | | | 59 | n | | 0.013 | |
| 616-23-9 | Dichloropropanol, 2,3 | Spring 2015 | | | 1 | 0.1 | | 0.003 | I | | | | | | | 190 | n | 2500 | n | | | | | 59 | n | | 0.013 | |
| . | Dichloropropanol, 2,3 | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 62-73-7 | Dichlorvos | Winter 2015 | | | 1 | 0.1 | | 0.0005 | I | 0.0005 | I | 0.29 | I | 0.000083 | C | 1.8 | c* | 8 | c* | 0.034 | c* | 0.15 | c* | 0.26 | c* | | 0.000081 | |
| 62-73-7 | Dichlorvos | Spring 2015 | | | 1 | 0.1 | | 0.0005 | I | 0.0005 | I | 0.29 | I | 0.000083 | C | 1.9 | c* | 7.9 | c* | 0.034 | c* | 0.15 | c* | 0.26 | c* | | 0.000081 | |
| . | Dichlorvos | Change Effect | | | | | | | | | | | | | | 0.1 | | -0.1 | | | | | | | | | | |
| 60-57-1 | Dieldrin | Winter 2015 | | | 1 | 0.1 | | 0.00005 | I | | | 16 | I | 0.0046 | I | 0.033 | c* | 0.14 | c | 0.00061 | c | 0.0027 | c | 0.0017 | c | | 0.000069 | |
| 60-57-1 | Dieldrin | Spring 2015 | | | 1 | 0.1 | | 0.00005 | I | | | 16 | I | 0.0046 | I | 0.034 | c* | 0.14 | c | 0.00061 | c | 0.0027 | c | 0.0017 | c | | 0.000069 | |
| . | Dieldrin | Change Effect | | | | | | | | | | | | | | 0.001 | | | | | | | | | | | | |
| 111-42-2 | Diethanolamine | Winter 2015 | | | 1 | 0.1 | | 0.002 | P | 0.0002 | P | | | | | 120 | n | 1600 | n | 0.21 | n | 0.88 | n | 40 | n | | 0.0081 | |
| 111-42-2 | Diethanolamine | Spring 2015 | | | 1 | 0.1 | | 0.002 | P | 0.0002 | P | | | | | 130 | n | 1600 | n | 0.21 | n | 0.88 | n | 40 | n | | 0.0081 | |
| . | Diethanolamine | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 112-34-5 | Diethylene Glycol Monobutyl Ethe | Winter 2015 | | | 1 | 0.1 | | 0.03 | P | 0.0001 | P | | | | | 1800 | n | 24000 | n | 0.1 | n | 0.44 | n | 600 | n | | 0.13 | |
| 112-34-5 | Diethylene Glycol Monobutyl Ethe | Spring 2015 | | | 1 | 0.1 | | 0.03 | P | 0.0001 | P | | | | | 1900 | n | 24000 | n | 0.1 | n | 0.44 | n | 600 | n | | 0.13 | |
| . | Diethylene Glycol Monobutyl Ethe | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 111-90-0 | Diethylene Glycol Monoethyl Ethe | Winter 2015 | | | 1 | 0.1 | | 0.06 | P | 0.0003 | P | | | | | 3700 | n | 48000 | n | 0.31 | n | 1.3 | n | 1200 | n | | 0.24 | |
| 111-90-0 | Diethylene Glycol Monoethyl Ethe | Spring 2015 | | | 1 | 0.1 | | 0.06 | P | 0.0003 | P | | | | | 3800 | n | 48000 | n | 0.31 | n | 1.3 | n | 1200 | n | | 0.24 | |
| . | Diethylene Glycol Monoethyl Ethe | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 617-84-5 | Diethylformamide | Winter 2015 | | | 1 | 0.1 | | 0.001 | P | | | | | | | 62 | n | 820 | n | | | | | 20 | n | | 0.0041 | |
| 617-84-5 | Diethylformamide | Spring 2015 | V | | 1 | | 112000 | 0.001 | P | | | | | | | 78 | n | 1200 | n | | | | | 20 | n | | 0.0041 | |
| . | Diethylformamide | Change Effect | X. | | | | | | | | | | | | | 16 | | 380 | | | | | | | | | | |
| 56-53-1 | Diethylstilbestro | Winter 2015 | | | 1 | 0.1 | | | | | | 350 | C | 0.1 | C | 0.0015 | c | 0.0066 | c | 0.000028 | c | 0.00012 | c | 0.000049 | c | | 0.000027 | |
| 56-53-1 | Diethylstilbestro | Spring 2015 | | | 1 | 0.1 | | | | | | 350 | C | 0.1 | C | 0.0016 | c | 0.0066 | c | 0.000028 | c | 0.00012 | c | 0.000049 | c | | 0.000027 | |
| . | Diethylstilbestro | Change Effect | | | | | | | | | | | | | | 0.0001 | | | | | | | | | | | | |
| 43222-48-6 | Difenzoquat | Winter 2015 | | | 1 | 0.1 | | 0.08 | I | | | | | | | 4900 | n | 66000 | n | | | | | 1600 | n | | | |
| 43222-48-6 | Difenzoquat | Spring 2015 | | | 1 | 0.1 | | 0.08 | I | | | | | | | 5100 | n | 66000 | n | | | | | 1600 | n | | | |
| . | Difenzoquat | Change Effect | | | | | | | | | | | | | | 200 | | | | | | | | | | | | |
| 35367-38-5 | Diflubenzuron | Winter 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1200 | n | 16000 | n | | | | | 290 | n | | 0.33 | |
| 35367-38-5 | Diflubenzuron | Spring 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1300 | n | 16000 | n | | | | | 290 | n | | 0.33 | |
| . | Diflubenzuron | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 94-58-6 | Dihydrosafrole | Winter 2015 | V | | 1 | 0.1 | | | | | | 0.044 | C | 0.000013 | C | 0.26 | c | 1.1 | c | 0.22 | c | 0.94 | c | 0.3 | c | | 0.00037 | |
| 94-58-6 | Dihydrosafrole | Spring 2015 | V | | 1 | | | | | | | 0.044 | C | 0.000013 | C | 0.32 | c | 1.4 | c | 0.22 | c | 0.94 | c | 0.3 | c | | 0.00037 | |
| . | Dihydrosafrole | Change Effect | | | | | | | | | | | | | | 0.06 | | 0.3 | | | | | | | | | | |
| 55290-64-7 | Dimethipin | Winter 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1200 | n | 16000 | n | | | | | 400 | n | | 0.088 | |
| 55290-64-7 | Dimethipin | Spring 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1300 | n | 16000 | n | | | | | 400 | n | | 0.088 | |
| . | Dimethipin | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 60-51-5 | Dimethoate | Winter 2015 | | | 1 | 0.1 | | 0.0002 | I | | | | | | | 12 | n | 160 | n | | | | | 4 | n | | 0.0009 | |
| 60-51-5 | Dimethoate | Spring 2015 | | | 1 | 0.1 | | 0.0002 | I | | | | | | | 13 | n | 160 | n | | | | | 4 | n | | 0.0009 | |
| . | Dimethoate | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 119-90-4 | Dimethoxybenzidine, 3,3' | Winter 2015 | | | 1 | 0.1 | | | | | | 1.6 | P | | | 0.33 | c | 1.4 | c | | | | | 0.047 | c | | 0.000057 | |
| 119-90-4 | Dimethoxybenzidine, 3,3' | Spring 2015 | | | 1 | 0.1 | | | | | | 1.6 | P | | | 0.34 | c | 1.4 | c | | | | | 0.047 | c | | 0.000057 | |
| . | Dimethoxybenzidine, 3,3' | Change Effect | | | | | | | | | | | | | | 0.01 | | | | | | | | | | | | |
| 756-79-6 | Dimethyl methylphosphonate | Winter 2015 | | | 1 | 0.1 | | 0.06 | P | | | 0.0017 | P | | | 310 | c* | 1400 | c* | | | | | 46 | c* | | 0.0096 | |
| 756-79-6 | Dimethyl methylphosphonate | Spring 2015 | | | 1 | 0.1 | | 0.06 | P | | | 0.0017 | P | | | 320 | c* | 1400 | c* | | | | | 46 | c* | | 0.0096 | |
| . | Dimethyl methylphosphonate | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 21436-96-4 | Dimethylaniline HCl, 2,4 | Winter 2015 | | | 1 | 0.1 | | | | | | 0.58 | H | | | 0.92 | c | 4 | c | | | | | 0.13 | c | | 0.00012 | |
| 21436-96-4 | Dimethylaniline HCl, 2,4 | Spring 2015 | | | 1 | 0.1 | | | | | | 0.58 | H | | | 0.94 | c | 4 | c | | | | | 0.13 | c | | 0.00012 | |
| . | Dimethylaniline HCl, 2,4 | Change Effect | | | | | | | | | | | | | | 0.02 | | | | | | | | | | | | |
| 95-68-1 | Dimethylaniline, 2,4 | Winter 2015 | | | 1 | 0.1 | | 0.002 | X | | | 0.2 | P | | | 2.7 | c* | 12 | c | | | | | 0.37 | c | | 0.00021 | |
| 95-68-1 | Dimethylaniline, 2,4 | Spring 2015 | | | 1 | 0.1 | | 0.002 | X | | | 0.2 | P | | | 2.7 | c* | 11 | c | | | | | 0.37 | c | | 0.00021 | |
| . | Dimethylaniline, 2,4 | Change Effect | | | | | | | | | | | | | | | | -1 | | | | | | | | | | |
| 119-93-7 | Dimethylbenzidine, 3,3' | Winter 2015 | | | 1 | 0.1 | | | | | | 11 | P | | | 0.048 | c | 0.21 | c | | | | | 0.0065 | c | | 0.000043 | |
| 119-93-7 | Dimethylbenzidine, 3,3' | Spring 2015 | | | 1 | 0.1 | | | | | | 11 | P | | | 0.049 | c | 0.21 | c | | | | | 0.0065 | c | | 0.000043 | |
| . | Dimethylbenzidine, 3,3' | Change Effect | | | | | | | | | | | | | | 0.001 | | | | | | | | | | | | |
| 68-12-2 | Dimethylformamide | Winter 2015 | | | 1 | 0.1 | | 0.1 | P | 0.03 | I | | | | | 6200 | n | 82000 | n | 31 | n | 130 | n | 2000 | n | | 0.4 | |
| 68-12-2 | Dimethylformamide | Spring 2015 | V | | 1 | | 106000 | 0.1 | P | 0.03 | I | | | | | 2600 | n | 15000 | n | 31 | n | 130 | n | 61 | n | | 0.012 | |
| . | Dimethylformamide | Change Effect | X. | | | | | | | | | | | | | -3600 | | -67000 | | | | | | -1939 | | | -0.388 | |
| 57-14-7 | Dimethylhydrazine, 1,1 | Winter 2015 | | | 1 | 0.1 | | 0.0001 | X | 0.000002 | X | | | | | 6.2 | n | 82 | n | 0.0021 | n | 0.0088 | n | 2 | n | | 0.00045 | |
| 57-14-7 | Dimethylhydrazine, 1,1 | Spring 2015 | V | | 1 | | 172000 | 0.0001 | X | 0.000002 | X | | | | | 0.32 | n | 1.4 | n | 0.0021 | n | 0.0088 | n | 0.0042 | n | | 0.00000093 | |
| . | Dimethylhydrazine, 1,1 | Change Effect | X. | | | | | | | | | | | | | -5.88 | | -80.6 | | | | | | -1.9958 | | | -0.00044907 | |
| 540-73-8 | Dimethylhydrazine, 1,2 | Winter 2015 | | | 1 | 0.1 | | | | | | 550 | C | 0.16 | C | 0.00097 | c | 0.0042 | c | 0.000018 | c | 0.000077 | c | 0.00014 | c | | 0.000000032 | |
| 540-73-8 | Dimethylhydrazine, 1,2 | Spring 2015 | V | | 1 | | 189000 | | | | | 550 | C | 0.16 | C | 0.00088 | c | 0.0041 | c | 0.000018 | c | 0.000077 | c | 0.000028 | c | | 6.5E-09 | |
| . | Dimethylhydrazine, 1,2 | Change Effect | X. | | | | | | | | | | | | | | | | | | | | | -0.000112 | | | | |
| 105-67-9 | Dimethylphenol, 2,4 | Winter 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1200 | n | 16000 | n | | | | | 360 | n | | 0.42 | |
| 105-67-9 | Dimethylphenol, 2,4 | Spring 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1300 | n | 16000 | n | | | | | 360 | n | | 0.42 | |
| . | Dimethylphenol, 2,4 | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 576-26-1 | Dimethylphenol, 2,6 | Winter 2015 | | | 1 | 0.1 | | 0.0006 | I | | | | | | | 37 | n | 490 | n | | | | | 11 | n | | 0.013 | |
| 576-26-1 | Dimethylphenol, 2,6 | Spring 2015 | | | 1 | 0.1 | | 0.0006 | I | | | | | | | 38 | n | 490 | n | | | | | 11 | n | | 0.013 | |
| . | Dimethylphenol, 2,6 | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 95-65-8 | Dimethylphenol, 3,4 | Winter 2015 | | | 1 | 0.1 | | 0.001 | I | | | | | | | 62 | n | 820 | n | | | | | 18 | n | | 0.021 | |
| 95-65-8 | Dimethylphenol, 3,4 | Spring 2015 | | | 1 | 0.1 | | 0.001 | I | | | | | | | 63 | n | 820 | n | | | | | 18 | n | | 0.021 | |
| . | Dimethylphenol, 3,4 | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 513-37-1 | Dimethylvinylchloride | Winter 2015 | V | | 1 | 0.1 | 1090 | | | | | 0.045 | C | 0.000013 | C | 0.21 | c | 0.93 | c | 0.22 | c | 0.94 | c | 0.33 | c | | 0.0002 | |
| 513-37-1 | Dimethylvinylchloride | Spring 2015 | V | | 1 | | 1090 | | | | | 0.045 | C | 0.000013 | C | 0.21 | c | 0.94 | c | 0.22 | c | 0.94 | c | 0.33 | c | | 0.0002 | |
| . | Dimethylvinylchloride | Change Effect | | | | | | | | | | | | | | | | 0.01 | | | | | | | | | | |
| 534-52-1 | Dinitro-o-cresol, 4,6- | Winter 2015 | | | 1 | 0.1 | | 0.00008 | X | | | | | | | 4.9 | n | 66 | n | | | | | 1.5 | n | | 0.0026 | |
| 534-52-1 | Dinitro-o-cresol, 4,6- | Spring 2015 | | | 1 | 0.1 | | 0.00008 | X | | | | | | | 5.1 | n | 66 | n | | | | | 1.5 | n | | 0.0026 | |
| . | Dinitro-o-cresol, 4,6- | Change Effect | | | | | | | | | | | | | | 0.2 | | | | | | | | | | | | |
| 131-89-5 | Dinitro-o-cyclohexyl Phenol, 4,6 | Winter 2015 | | | 1 | 0.1 | | 0.002 | I | | | | | | | 120 | n | 1600 | n | | | | | 23 | n | | 0.77 | |
| 131-89-5 | Dinitro-o-cyclohexyl Phenol, 4,6 | Spring 2015 | | | 1 | 0.1 | | 0.002 | I | | | | | | | 130 | n | 1600 | n | | | | | 23 | n | | 0.77 | |
| . | Dinitro-o-cyclohexyl Phenol, 4,6 | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 528-29-0 | Dinitrobenzene, 1,2 | Winter 2015 | | | 1 | 0.1 | | 0.0001 | P | | | | | | | 6.2 | n | 82 | n | | | | | 1.9 | n | | 0.0018 | |
| 528-29-0 | Dinitrobenzene, 1,2 | Spring 2015 | | | 1 | 0.1 | | 0.0001 | P | | | | | | | 6.3 | n | 82 | n | | | | | 1.9 | n | | 0.0018 | |
| . | Dinitrobenzene, 1,2 | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 99-65-0 | Dinitrobenzene, 1,3 | Winter 2015 | | | 1 | 0.1 | | 0.0001 | I | | | | | | | 6.2 | n | 82 | n | | | | | 2 | n | | 0.0018 | |
| 99-65-0 | Dinitrobenzene, 1,3 | Spring 2015 | | | 1 | 0.1 | | 0.0001 | I | | | | | | | 6.3 | n | 82 | n | | | | | 2 | n | | 0.0018 | |
| . | Dinitrobenzene, 1,3 | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 100-25-4 | Dinitrobenzene, 1,4- | Winter 2015 | | | 1 | 0.1 | | 0.0001 | P | | | | | | | 6.2 | n | 82 | n | | | | | 2 | n | | 0.0018 | |
| 100-25-4 | Dinitrobenzene, 1,4- | Spring 2015 | | | 1 | 0.1 | | 0.0001 | P | | | | | | | 6.3 | n | 82 | n | | | | | 2 | n | | 0.0018 | |
| . | Dinitrobenzene, 1,4- | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 51-28-5 | Dinitrophenol, 2,4 | Winter 2015 | | | 1 | 0.1 | | 0.002 | I | | | | | | | 120 | n | 1600 | n | | | | | 39 | n | | 0.044 | |
| 51-28-5 | Dinitrophenol, 2,4 | Spring 2015 | | | 1 | 0.1 | | 0.002 | I | | | | | | | 130 | n | 1600 | n | | | | | 39 | n | | 0.044 | |
| . | Dinitrophenol, 2,4 | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| NA | Dinitrotoluene Mixture, 2,4/2,6 | Winter 2015 | | | 1 | 0.1 | | | | | | 0.68 | I | | | 0.78 | c | 3.4 | c | | | | | 0.11 | c | | 0.00015 | |
| NA | Dinitrotoluene Mixture, 2,4/2,6 | Spring 2015 | | | 1 | 0.1 | | | | | | 0.68 | I | | | 0.8 | c | 3.4 | c | | | | | 0.11 | c | | 0.00015 | |
| . | Dinitrotoluene Mixture, 2,4/2,6 | Change Effect | | | | | | | | | | | | | | 0.02 | | | | | | | | | | | | |
| 88-85-7 | Dinoseb | Winter 2015 | | | 1 | 0.1 | | 0.001 | I | | | | | | | 62 | n | 820 | n | | | | | 15 | n | 7 | 0.13 | 0.062 |

| CAS | Chemica | Type of Observatior | v o c | mutagen | GIABS | ABS | Csat (mg/kg) | RfDo (mg/kg-day) | k e y_2 | RfCi (mg/m3) | k e y_3 | SFO (mg/kg-day)$^{-1}$ | k e y | IUR (ug/m3)$^{-1}$ | k e y_1 | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key_1 | Resident Air (ug/m$^3$) | key_2 | Industria Air (ug/m$^3$) | key_3 | Tapwater (ug/L) | key_4 | MCL (ug/L) | Risk-based SSL (mg/kg) | MCL-based SSL (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88-85-7 | Dinoseb | Spring 2015 | | | 1 | 0.1 | | 0.001 | I | | | | | | | 63 | n | 820 | n | | | | | 15 | n | 7 | 0.13 | 0.062 |
| . | Dinoseb | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 123-91-1 | Dioxane, 1,4- | Winter 2015 | | | 1 | 0.1 | | 0.03 | I | 0.03 | I | 0.1 | I | 0.000005 | I | 5.3 | c | 23 | c | 0.56 | c* | 2.5 | c* | 0.78 | c | | 0.00016 | |
| 123-91-1 | Dioxane, 1,4- | Spring 2015 | V | | 1 | | 116000 | 0.03 | I | 0.03 | I | 0.1 | I | 0.000005 | I | 5.3 | c | 24 | c | 0.56 | c* | 2.5 | c* | 0.46 | c | | 0.000094 | |
| . | Dioxane, 1,4- | Change Effect | X. | | | | | | | | | | | | | 1 | | | | | | | | -0.32 | | | | |
| 957-51-7 | Diphenamid | Winter 2015 | | | 1 | 0.1 | | 0.03 | I | | | | | | | 1800 | n | 25000 | n | | | | | 530 | n | | 5.2 | |
| 957-51-7 | Diphenamid | Spring 2015 | | | 1 | 0.1 | | 0.03 | I | | | | | | | 1900 | n | 25000 | n | | | | | 530 | n | | 5.2 | |
| . | Diphenamid | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 127-63-9 | Diphenyl Sulfone | Winter 2015 | | | 1 | 0.1 | | 0.0008 | X | | | | | | | 49 | n | 660 | n | | | | | 15 | n | | 0.036 | |
| 127-63-9 | Diphenyl Sulfone | Spring 2015 | | | 1 | 0.1 | | 0.0008 | X | | | | | | | 51 | n | 660 | n | | | | | 15 | n | | 0.036 | |
| . | Diphenyl Sulfone | Change Effect | | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| 122-39-4 | Diphenylamine | Winter 2015 | | | 1 | 0.1 | | 0.025 | I | | | | | | | 1500 | n | 21000 | n | | | | | 310 | n | | 0.58 | |
| 122-39-4 | Diphenylamine | Spring 2015 | | | 1 | 0.1 | | 0.025 | I | | | | | | | 1600 | n | 21000 | n | | | | | 310 | n | | 0.58 | |
| . | Diphenylamine | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 122-66-7 | Diphenylhydrazine, 1,2 | Winter 2015 | | | 1 | 0.1 | | | | | | 0.8 | I | 0.00022 | I | 0.67 | c | 2.9 | c | 0.013 | c | 0.056 | c | 0.077 | c | | 0.00025 | |
| 122-66-7 | Diphenylhydrazine, 1,2 | Spring 2015 | | | 1 | 0.1 | | | | | | 0.8 | I | 0.00022 | I | 0.68 | c | 2.9 | c | 0.013 | c | 0.056 | c | 0.077 | c | | 0.00025 | |
| . | Diphenylhydrazine, 1,2 | Change Effect | | | | | | | | | | | | | | 0.01 | | | | | | | | | | | | |
| 1937-37-7 | Direct Black 38 | Winter 2015 | | | 1 | 0.1 | | | | | | 7.1 | C | 0.14 | C | 0.075 | c | 0.32 | c | 0.00002 | c | 0.000088 | c | 0.011 | c | | 5.3 | |
| 1937-37-7 | Direct Black 38 | Spring 2015 | | | 1 | 0.1 | | | | | | 7.1 | C | 0.14 | C | 0.076 | c | 0.32 | c | 0.00002 | c | 0.000088 | c | 0.011 | c | | 5.3 | |
| . | Direct Black 38 | Change Effect | | | | | | | | | | | | | | 0.001 | | | | | | | | | | | | |
| 2602-46-2 | Direct Blue 6 | Winter 2015 | | | 1 | 0.1 | | | | | | 7.4 | C | 0.14 | C | 0.072 | c | 0.31 | c | 0.00002 | c | 0.000088 | c | 0.011 | c | | 17 | |
| 2602-46-2 | Direct Blue 6 | Spring 2015 | | | 1 | 0.1 | | | | | | 7.4 | C | 0.14 | C | 0.073 | c | 0.31 | c | 0.00002 | c | 0.000088 | c | 0.011 | c | | 17 | |
| . | Direct Blue 6 | Change Effect | | | | | | | | | | | | | | 0.001 | | | | | | | | | | | | |
| 16071-86-6 | Direct Brown 95 | Winter 2015 | | | 1 | 0.1 | | | | | | 6.7 | C | 0.14 | C | 0.079 | c | 0.34 | c | 0.00002 | c | 0.000088 | c | 0.012 | c | | | |
| 16071-86-6 | Direct Brown 95 | Spring 2015 | | | 1 | 0.1 | | | | | | 6.7 | C | 0.14 | C | 0.081 | c | 0.34 | c | 0.00002 | c | 0.000088 | c | 0.012 | c | | | |
| . | Direct Brown 95 | Change Effect | | | | | | | | | | | | | | 0.002 | | | | | | | | | | | | |
| 505-29-3 | Dithiane, 1,4- | Winter 2015 | V | | 1 | 0.1 | | 0.01 | I | | | | | | | 620 | n | 8200 | n | | | | | 200 | n | | 0.097 | |
| 505-29-3 | Dithiane, 1,4- | Spring 2015 | V | | 1 | | | 0.01 | I | | | | | | | 780 | n | 12000 | n | | | | | 200 | n | | 0.097 | |
| . | Dithiane, 1,4- | Change Effect | | | | | | | | | | | | | | 160 | | 3800 | | | | | | | | | | |
| 330-54-1 | Diuron | Winter 2015 | | | 1 | 0.1 | | 0.002 | I | | | | | | | 120 | n | 1600 | n | | | | | 36 | n | | 0.015 | |
| 330-54-1 | Diuron | Spring 2015 | | | 1 | 0.1 | | 0.002 | I | | | | | | | 130 | n | 1600 | n | | | | | 36 | n | | 0.015 | |
| . | Diuron | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 115-29-7 | Endosulfan | Winter 2015 | | | 1 | 0.1 | | 0.006 | I | | | | | | | 370 | n | 4900 | n | | | | | 100 | n | | 1.4 | |
| 115-29-7 | Endosulfan | Spring 2015 | V | | 1 | | | 0.006 | I | | | | | | | 470 | n | 7000 | n | | | | | 100 | n | | 1.4 | |
| . | Endosulfan | Change Effect | X. | | | | | | | | | | | | | 100 | | 2100 | | | | | | | | | | |
| 145-73-3 | Endothal | Winter 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1200 | n | 16000 | n | | | | | 380 | n | 100 | 0.091 | 0.024 |
| 145-73-3 | Endothal | Spring 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1300 | n | 16000 | n | | | | | 380 | n | 100 | 0.091 | 0.024 |
| . | Endothal | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 72-20-8 | Endrin | Winter 2015 | | | 1 | 0.1 | | 0.0003 | I | | | | | | | 18 | n | 250 | n | | | | | 2.3 | n | 2 | 0.092 | 0.081 |
| 72-20-8 | Endrin | Spring 2015 | | | 1 | 0.1 | | 0.0003 | I | | | | | | | 19 | n | 250 | n | | | | | 2.3 | n | 2 | 0.092 | 0.081 |
| . | Endrin | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 16672-87-0 | Ethephon | Winter 2015 | | | 1 | 0.1 | | 0.005 | I | | | | | | | 310 | n | 4100 | n | | | | | 100 | n | | 0.021 | |
| 16672-87-0 | Ethephon | Spring 2015 | | | 1 | 0.1 | | 0.005 | I | | | | | | | 320 | n | 4100 | n | | | | | 100 | n | | 0.021 | |
| . | Ethephon | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 563-12-2 | Ethion | Winter 2015 | | | 1 | 0.1 | | 0.0005 | I | | | | | | | 31 | n | 410 | n | | | | | 4.3 | n | | 0.0085 | |
| 563-12-2 | Ethion | Spring 2015 | | | 1 | 0.1 | | 0.0005 | I | | | | | | | 32 | n | 410 | n | | | | | 4.3 | n | | 0.0085 | |
| . | Ethion | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 111-15-9 | Ethoxyethanol Acetate, 2 | Winter 2015 | | | 1 | 0.1 | | 0.1 | P | 0.06 | P | | | | | 6200 | n | 82000 | n | 63 | n | 260 | n | 2000 | n | | 0.42 | |
| 111-15-9 | Ethoxyethanol Acetate, 2 | Spring 2015 | V | | 1 | | 31400 | 0.1 | P | 0.06 | P | | | | | 2600 | n | 14000 | n | 63 | n | 260 | n | 120 | n | | 0.025 | |
| . | Ethoxyethanol Acetate, 2 | Change Effect | X. | | | | | | | | | | | | | -3600 | | -68000 | | | | | | -1880 | | | -0.395 | |
| 110-80-5 | Ethoxyethanol, 2 | Winter 2015 | | | 1 | 0.1 | | 0.09 | P | 0.2 | I | | | | | 5500 | n | 74000 | n | 210 | n | 880 | n | 1800 | n | | 0.36 | |
| 110-80-5 | Ethoxyethanol, 2 | Spring 2015 | V | | 1 | | 106000 | 0.09 | P | 0.2 | I | | | | | 5200 | n | 47000 | n | 210 | n | 880 | n | 340 | n | | 0.068 | |
| . | Ethoxyethanol, 2 | Change Effect | X. | | | | | | | | | | | | | -300 | | -27000 | | | | | | -1460 | | | -0.292 | |
| 2104-64-5 | Ethyl-p-nitrophenyl Phosphonat | Winter 2015 | | | 1 | 0.1 | | 0.00001 | I | | | | | | | 0.62 | n | 8.2 | n | | | | | 0.089 | n | | 0.0028 | |
| 2104-64-5 | Ethyl-p-nitrophenyl Phosphonat | Spring 2015 | | | 1 | 0.1 | | 0.00001 | I | | | | | | | 0.63 | n | 8.2 | n | | | | | 0.089 | n | | 0.0028 | |
| . | Ethyl-p-nitrophenyl Phosphonat | Change Effect | | | | | | | | | | | | | | 0.01 | | | | | | | | | | | | |
| 109-78-4 | Ethylene Cyanohydrin | Winter 2015 | | | 1 | 0.1 | | 0.07 | P | | | | | | | 4300 | n | 58000 | n | | | | | 1400 | n | | 0.28 | |
| 109-78-4 | Ethylene Cyanohydrin | Spring 2015 | | | 1 | 0.1 | | 0.07 | P | | | | | | | 4400 | n | 57000 | n | | | | | 1400 | n | | 0.28 | |
| . | Ethylene Cyanohydrin | Change Effect | | | | | | | | | | | | | | 100 | | -1000 | | | | | | | | | | |
| 107-15-3 | Ethylene Diamine | Winter 2015 | | | 1 | 0.1 | | 0.09 | P | | | | | | | 5500 | n | 74000 | n | | | | | 1800 | n | | 0.41 | |
| 107-15-3 | Ethylene Diamine | Spring 2015 | V | | 1 | | 189000 | 0.09 | P | | | | | | | 7000 | n | 110000 | nm | | | | | 1800 | n | | 0.41 | |
| . | Ethylene Diamine | Change Effect | X. | | | | | | | | | | | | | 1500 | | 36000 | .X | | | | | | | | | |
| 107-21-1 | Ethylene Glyco | Winter 2015 | | | 1 | 0.1 | | 2 | I | 0.4 | C | | | | | 120000 | nm | 1600000 | nm | 420 | n | 1800 | n | 40000 | n | | 8.1 | |
| 107-21-1 | Ethylene Glyco | Spring 2015 | | | 1 | 0.1 | | 2 | I | 0.4 | C | | | | | 130000 | nm | 1600000 | nm | 420 | n | 1800 | n | 40000 | n | | 8.1 | |
| . | Ethylene Glyco | Change Effect | | | | | | | | | | | | | | 10000 | | | | | | | | | | | | |
| 111-76-2 | Ethylene Glycol Monobutyl Ethe | Winter 2015 | | | 1 | 0.1 | | 0.1 | I | 1.6 | I | | | | | 6200 | n | 82000 | n | 1700 | n | 7000 | n | 2000 | n | | 0.41 | |
| 111-76-2 | Ethylene Glycol Monobutyl Ethe | Spring 2015 | | | 1 | 0.1 | | 0.1 | I | 1.6 | I | | | | | 6300 | n | 82000 | n | 1700 | n | 7000 | n | 2000 | n | | 0.41 | |
| . | Ethylene Glycol Monobutyl Ethe | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 96-45-7 | Ethylene Thiourea | Winter 2015 | | | 1 | 0.1 | | 0.00008 | I | | | 0.045 | C | 0.000013 | C | 4.9 | n | 51 | c** | 0.22 | c | 0.94 | c | 1.6 | n | | 0.00036 | |
| 96-45-7 | Ethylene Thiourea | Spring 2015 | | | 1 | 0.1 | | 0.00008 | I | | | 0.045 | C | 0.000013 | C | 5.1 | n | 51 | c** | 0.22 | c | 0.94 | c | 1.6 | n | | 0.00036 | |
| . | Ethylene Thiourea | Change Effect | | | | | | | | | | | | | | 0.2 | | | | | | | | | | | | |
| 151-56-4 | Ethyleneimine | Winter 2015 | V | | 1 | 0.1 | 154000 | | | | | 65 | C | 0.019 | C | 0.0025 | c | 0.011 | c | 0.00015 | c | 0.00065 | c | 0.00024 | c | | 0.000000052 | |
| 151-56-4 | Ethyleneimine | Spring 2015 | V | | 1 | | 154000 | | | | | 65 | C | 0.019 | C | 0.0027 | c | 0.012 | c | 0.00015 | c | 0.00065 | c | 0.00024 | c | | 0.000000052 | |
| . | Ethyleneimine | Change Effect | | | | | | | | | | | | | | 0.0002 | | 0.001 | | | | | | | | | | |
| 84-72-0 | Ethylphthalyl Ethyl Glycolat | Winter 2015 | | | 1 | 0.1 | | 3 | I | | | | | | | 180000 | nm | 2500000 | nm | | | | | 58000 | n | | 130 | |
| 84-72-0 | Ethylphthalyl Ethyl Glycolat | Spring 2015 | | | 1 | 0.1 | | 3 | I | | | | | | | 190000 | nm | 2500000 | nm | | | | | 58000 | n | | 130 | |
| . | Ethylphthalyl Ethyl Glycolat | Change Effect | | | | | | | | | | | | | | 10000 | | | | | | | | | | | | |
| 101200-48-0 | Express | Winter 2015 | | | 1 | 0.1 | | 0.008 | I | | | | | | | 490 | n | 6600 | n | | | | | 160 | n | | 0.061 | |
| 101200-48-0 | Express | Spring 2015 | | | 1 | 0.1 | | 0.008 | I | | | | | | | 510 | n | 6600 | n | | | | | 160 | n | | 0.061 | |
| . | Express | Change Effect | | | | | | | | | | | | | | 20 | | | | | | | | | | | | |
| 22224-92-6 | Fenamiphos | Winter 2015 | | | 1 | 0.1 | | 0.00025 | I | | | | | | | 15 | n | 210 | n | | | | | 4.4 | n | | 0.0043 | |
| 22224-92-6 | Fenamiphos | Spring 2015 | | | 1 | 0.1 | | 0.00025 | I | | | | | | | 16 | n | 210 | n | | | | | 4.4 | n | | 0.0043 | |
| . | Fenamiphos | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 39515-41-8 | Fenpropathrin | Winter 2015 | | | 1 | 0.1 | | 0.025 | I | | | | | | | 1500 | n | 21000 | n | | | | | 64 | n | | 2.9 | |
| 39515-41-8 | Fenpropathrin | Spring 2015 | | | 1 | 0.1 | | 0.025 | I | | | | | | | 1600 | n | 21000 | n | | | | | 64 | n | | 2.9 | |
| . | Fenpropathrin | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 2164-17-2 | Fluometuron | Winter 2015 | | | 1 | 0.1 | | 0.013 | I | | | | | | | 800 | n | 11000 | n | | | | | 240 | n | | 0.19 | |
| 2164-17-2 | Fluometuron | Spring 2015 | | | 1 | 0.1 | | 0.013 | I | | | | | | | 820 | n | 11000 | n | | | | | 240 | n | | 0.19 | |
| . | Fluometuron | Change Effect | | | | | | | | | | | | | | 20 | | | | | | | | | | | | |
| 59756-60-4 | Fluridone | Winter 2015 | | | 1 | 0.1 | | 0.08 | I | | | | | | | 4900 | n | 66000 | n | | | | | 1400 | n | | 160 | |
| 59756-60-4 | Fluridone | Spring 2015 | | | 1 | 0.1 | | 0.08 | I | | | | | | | 5100 | n | 66000 | n | | | | | 1400 | n | | 160 | |
| . | Fluridone | Change Effect | | | | | | | | | | | | | | 200 | | | | | | | | | | | | |
| 56425-91-3 | Flurprimidol | Winter 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1200 | n | 16000 | n | | | | | 340 | n | | 1.6 | |
| 56425-91-3 | Flurprimidol | Spring 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1300 | n | 16000 | n | | | | | 340 | n | | 1.6 | |
| . | Flurprimidol | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 66332-96-5 | Flutolani | Winter 2015 | | | 1 | 0.1 | | 0.06 | I | | | | | | | 3700 | n | 49000 | n | | | | | 950 | n | | 5 | |
| 66332-96-5 | Flutolani | Spring 2015 | | | 1 | 0.1 | | 0.06 | I | | | | | | | 3800 | n | 49000 | n | | | | | 950 | n | | 5 | |
| . | Flutolani | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 69409-94-5 | Fluvalinate | Winter 2015 | | | 1 | 0.1 | | 0.01 | I | | | | | | | 620 | n | 8200 | n | | | | | 200 | n | | 290 | |
| 69409-94-5 | Fluvalinate | Spring 2015 | | | 1 | 0.1 | | 0.01 | I | | | | | | | 630 | n | 8200 | n | | | | | 200 | n | | 290 | |
| . | Fluvalinate | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 133-07-3 | Folpet | Winter 2015 | | | 1 | 0.1 | | 0.1 | I | | | 0.0035 | I | | | 150 | c* | 660 | c | | | | | 20 | c* | | 0.0047 | |
| 133-07-3 | Folpet | Spring 2015 | | | 1 | 0.1 | | 0.1 | I | | | 0.0035 | I | | | 160 | c* | 660 | c | | | | | 20 | c* | | 0.0047 | |
| . | Folpet | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 72178-02-0 | Fomesafen | Winter 2015 | | | 1 | 0.1 | | | | | | 0.19 | I | | | 2.8 | c | 12 | c | | | | | 0.39 | c | | 0.0013 | |
| 72178-02-0 | Fomesafen | Spring 2015 | | | 1 | 0.1 | | | | | | 0.19 | I | | | 2.9 | c | 12 | c | | | | | 0.39 | c | | 0.0013 | |
| . | Fomesafen | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 944-22-9 | Fonofos | Winter 2015 | | | 1 | 0.1 | | 0.002 | I | | | | | | | 120 | n | 1600 | n | | | | | 24 | n | | 0.047 | |
| 944-22-9 | Fonofos | Spring 2015 | | | 1 | 0.1 | | 0.002 | I | | | | | | | 130 | n | 1600 | n | | | | | 24 | n | | 0.047 | |
| . | Fonofos | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 50-00-0 | Formaldehyde | Winter 2015 | | | 1 | 0.1 | | 0.2 | I | 0.0098 | A | | | 0.000013 | I | 12000 | n | 160000 | nm | 0.22 | c* | 0.94 | c* | 4000 | n | | 0.8 | |
| 50-00-0 | Formaldehyde | Spring 2015 | V | | 1 | | 42400 | 0.2 | I | 0.0098 | A | | | 0.000013 | I | 17 | c* | 73 | c* | 0.22 | c* | 0.94 | c* | 0.43 | c* | | 0.000087 | |

| CAS | Chemica | Type of Observatior | v o c | mutager | GIABS | ABS | Csat (mg/kg) | RfDo (mg/kg-day) | k e y_2 | RfCi (mg/m3) | k e y_3 | SFO (mg/kg-day)$^{-1}$ | k e y | IUR (ug/m3)$^{-1}$ | k e y_1 | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key_1 | Resident Air (ug/m$^3$) | key_2 | Industria Air (ug/m$^3$) | key_3 | Tapwater (ug/L) | key_4 | MCL (ug/L) | Risk-based SSL (mg/kg) | MCL-based SSL (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| . | Formaldehyde | Change Effect | X. | | | | | | | | | | | | | -11983 | XX | -159927 | XX | | | | | -3999.57 | XX | | -0.799913 | |
| 64-18-6 | Formic Acid | Winter 2015 | | | 1 | 0.1 | | 0.9 | P | 0.0003 | X | | | | | 49000 | n | 520000 | nm | 0.31 | n | 1.3 | n | 18000 | n | | 3.6 | |
| 64-18-6 | Formic Acid | Spring 2015 | V | | 1 | | 106000 | 0.9 | P | 0.0003 | X | | | | | 29 | n | 120 | n | 0.31 | n | 1.3 | n | 0.63 | n | | 0.00013 | |
| . | Formic Acid | Change Effect | X. | | | | | | | | | | | | | -48971 | | -519880 | .X | | | | | -17999.37 | | | -3.59987 | |
| 39148-24-8 | Fosetyl-AL | Winter 2015 | | | 1 | 0.1 | | 3 | I | | | | | | | 180000 | nm | 2500000 | nm | | | | | 60000 | n | | | |
| 39148-24-8 | Fosetyl-AL | Spring 2015 | | | 1 | 0.1 | | 3 | I | | | | | | | 190000 | nm | 2500000 | nm | | | | | 60000 | n | | | |
| . | Fosetyl-AL | Change Effect | | | | | | | | | | | | | | 10000 | | | | | | | | | | | | |
| 67-45-8 | Furazolidone | Winter 2015 | | | 1 | 0.1 | | | | | | 3.8 | H | | | 0.14 | c | 0.61 | c | | | | | 0.02 | c | | 0.000039 | |
| 67-45-8 | Furazolidone | Spring 2015 | | | 1 | 0.1 | | | | | | 3.8 | H | | | 0.14 | c | 0.6 | c | | | | | 0.02 | c | | 0.000039 | |
| . | Furazolidone | Change Effect | | | | | | | | | | | | | | | | -0.01 | | | | | | | | | | |
| 98-01-1 | Furfural | Winter 2015 | | | 1 | 0.1 | | 0.003 | I | 0.05 | H | | | | | 180 | n | 2500 | n | 52 | n | 220 | n | 60 | n | | 0.013 | |
| 98-01-1 | Furfural | Spring 2015 | V | | 1 | | 10100 | 0.003 | I | 0.05 | H | | | | | 210 | n | 2600 | n | 52 | n | 220 | n | 38 | n | | 0.0081 | |
| . | Furfural | Change Effect | X. | | | | | | | | | | | | | 30 | | 100 | | | | | | -22 | | | -0.0049 | |
| 765-34-4 | Glycidy | Winter 2015 | | | 1 | 0.1 | | 0.0004 | I | 0.001 | H | | | | | 25 | n | 330 | n | 1 | n | 4.4 | n | 8 | n | | 0.0016 | |
| 765-34-4 | Glycidy | Spring 2015 | V | | 1 | | 106000 | 0.0004 | I | 0.001 | H | | | | | 22 | n | 190 | n | 1 | n | 4.4 | n | 1.7 | n | | 0.00033 | |
| . | Glycidy | Change Effect | X. | | | | | | | | | | | | | -3 | | -140 | | | | | | -6.3 | | | -0.00127 | |
| 1071-83-6 | Glyphosate | Winter 2015 | | | 1 | 0.1 | | 0.1 | I | | | | | | | 6200 | n | 82000 | n | | | | | 2000 | n | 700 | 8.8 | 3.1 |
| 1071-83-6 | Glyphosate | Spring 2015 | | | 1 | 0.1 | | 0.1 | I | | | | | | | 6300 | n | 82000 | n | | | | | 2000 | n | 700 | 8.8 | 3.1 |
| . | Glyphosate | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 42874-03-3 | Goal | Winter 2015 | | | 1 | 0.1 | | 0.003 | I | | | | | | | 180 | n | 2500 | n | | | | | 32 | n | | 2.5 | |
| 42874-03-3 | Goal | Spring 2015 | | | 1 | 0.1 | | 0.003 | I | | | | | | | 190 | n | 2500 | n | | | | | 32 | n | | 2.5 | |
| . | Goal | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 113-00-8 | Guanidine | Winter 2015 | | | 1 | 0.1 | | 0.01 | X | | | | | | | 620 | n | 8200 | n | | | | | 200 | n | | 0.045 | |
| 113-00-8 | Guanidine | Spring 2015 | V | | 1 | | | 0.01 | X | | | | | | | 780 | n | 12000 | n | | | | | 200 | n | | 0.045 | |
| . | Guanidine | Change Effect | X. | | | | | | | | | | | | | 160 | | 3800 | | | | | | | | | | |
| 50-01-1 | Guanidine Chloride | Winter 2015 | | | 1 | 0.1 | | 0.02 | P | | | | | | | 1200 | n | 16000 | n | | | | | 400 | n | | | |
| 50-01-1 | Guanidine Chloride | Spring 2015 | | | 1 | 0.1 | | 0.02 | P | | | | | | | 1300 | n | 16000 | n | | | | | 400 | n | | | |
| . | Guanidine Chloride | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 86-50-0 | Guthior | Winter 2015 | | | 1 | 0.1 | | 0.003 | A | 0.01 | A | | | | | 180 | n | 2500 | n | 10 | n | 44 | n | 56 | n | | 0.017 | |
| 86-50-0 | Guthior | Spring 2015 | | | 1 | 0.1 | | 0.003 | A | 0.01 | A | | | | | 190 | n | 2500 | n | 10 | n | 44 | n | 56 | n | | 0.017 | |
| . | Guthior | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 69806-40-2 | Haloxyfop, Methy | Winter 2015 | | | 1 | 0.1 | | 0.00005 | I | | | | | | | 3.1 | n | 41 | n | | | | | 0.76 | n | | 0.0084 | |
| 69806-40-2 | Haloxyfop, Methy | Spring 2015 | | | 1 | 0.1 | | 0.00005 | I | | | | | | | 3.2 | n | 41 | n | | | | | 0.76 | n | | 0.0084 | |
| . | Haloxyfop, Methy | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 79277-27-3 | Harmony | Winter 2015 | | | 1 | 0.1 | | 0.013 | I | | | | | | | 800 | n | 11000 | n | | | | | 260 | n | | 0.078 | |
| 79277-27-3 | Harmony | Spring 2015 | | | 1 | 0.1 | | 0.013 | I | | | | | | | 820 | n | 11000 | n | | | | | 260 | n | | 0.078 | |
| . | Harmony | Change Effect | | | | | | | | | | | | | | 20 | | | | | | | | | | | | |
| 76-44-8 | Heptachlor | Winter 2015 | | | 1 | 0.1 | | 0.0005 | I | | | 4.5 | I | 0.0013 | I | 0.12 | c | 0.51 | c | 0.0022 | c | 0.0094 | c | 0.002 | c | 0.4 | 0.00016 | 0.033 |
| 76-44-8 | Heptachlor | Spring 2015 | V | | 1 | | | 0.0005 | I | | | 4.5 | I | 0.0013 | I | 0.13 | c | 0.63 | c | 0.0022 | c | 0.0094 | c | 0.0014 | c | 0.4 | 0.00011 | 0.033 |
| . | Heptachlor | Change Effect | X. | | | | | | | | | | | | | 0.01 | | 0.12 | | | | | | -0.0006 | | | | |
| 1024-57-3 | Heptachlor Epoxide | Winter 2015 | | | 1 | 0.1 | | 0.000013 | I | | | 9.1 | I | 0.0026 | I | 0.059 | c* | 0.25 | c* | 0.0011 | c | 0.0047 | c | 0.0038 | c* | 0.2 | 0.000078 | 0.0041 |
| 1024-57-3 | Heptachlor Epoxide | Spring 2015 | V | | 1 | | | 0.000013 | I | | | 9.1 | I | 0.0026 | I | 0.07 | c* | 0.33 | c* | 0.0011 | c | 0.0047 | c | 0.0014 | c* | 0.2 | 0.000028 | 0.0041 |
| . | Heptachlor Epoxide | Change Effect | X. | | | | | | | | | | | | | 0.011 | | 0.08 | | | | | | -0.0024 | | | | |
| 87-82-1 | Hexabromobenzene | Winter 2015 | | | 1 | 0.1 | | 0.002 | I | | | | | | | 120 | n | 1600 | n | | | | | 40 | n | | 0.23 | |
| 87-82-1 | Hexabromobenzene | Spring 2015 | V | | 1 | | | 0.002 | I | | | | | | | 160 | n | 2300 | n | | | | | 40 | n | | 0.23 | |
| . | Hexabromobenzene | Change Effect | X. | | | | | | | | | | | | | 40 | | 700 | | | | | | | | | | |
| 68631-49-2 | Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-15 | Winter 2015 | | | 1 | 0.1 | | 0.0002 | I | | | | | | | 12 | n | 160 | n | | | | | 4 | n | | | |
| 68631-49-2 | Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-15 | Spring 2015 | | | 1 | 0.1 | | 0.0002 | I | | | | | | | 13 | n | 160 | n | | | | | 4 | n | | | |
| . | Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-15 | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 118-74-1 | Hexachlorobenzene | Winter 2015 | | | 1 | 0.1 | | 0.0008 | I | | | 1.6 | I | 0.00046 | I | 0.33 | c | 1.4 | c | 0.0061 | c | 0.027 | c | 0.049 | c | 1 | 0.00061 | 0.013 |
| 118-74-1 | Hexachlorobenzene | Spring 2015 | V | | 1 | | | 0.0008 | I | | | 1.6 | I | 0.00046 | I | 0.21 | c | 0.96 | c | 0.0061 | c | 0.027 | c | 0.0098 | c | 1 | 0.00012 | 0.013 |
| . | Hexachlorobenzene | Change Effect | X. | | | | | | | | | | | | | -0.12 | | -0.44 | | | | | | -0.0392 | | | -0.00049 | |
| 87-68-3 | Hexachlorobutadiene | Winter 2015 | | | 1 | 0.1 | | 0.001 | P | | | 0.078 | I | 0.000022 | I | 6.8 | c** | 30 | c* | 0.13 | c | 0.56 | c | 0.3 | c* | | 0.00057 | |
| 87-68-3 | Hexachlorobutadiene | Spring 2015 | V | | 1 | | 16.8 | 0.001 | P | | | 0.078 | I | 0.000022 | I | 1.2 | c* | 5.3 | c | 0.13 | c | 0.56 | c | 0.14 | c* | | 0.00026 | |
| . | Hexachlorobutadiene | Change Effect | X. | | | | | | | | | | | | | -5.6 | X. | -24.7 | .X | | | | | -0.16 | | | -0.00031 | |
| 319-84-6 | Hexachlorocyclohexane, Alpha | Winter 2015 | | | 1 | 0.1 | | 0.008 | A | | | 6.3 | I | 0.0018 | I | 0.085 | c | 0.37 | c | 0.0016 | c | 0.0068 | c | 0.0071 | c | | 0.000041 | |
| 319-84-6 | Hexachlorocyclohexane, Alpha | Spring 2015 | | | 1 | 0.1 | | 0.008 | A | | | 6.3 | I | 0.0018 | I | 0.086 | c | 0.36 | c | 0.0016 | c | 0.0068 | c | 0.0071 | c | | 0.000041 | |
| . | Hexachlorocyclohexane, Alpha | Change Effect | | | | | | | | | | | | | | 0.001 | | -0.01 | | | | | | | | | | |
| 58-89-9 | Hexachlorocyclohexane, Gamma- (Lindane | Winter 2015 | | | 1 | 0.04 | | 0.0003 | I | | | 1.1 | C | 0.00031 | C | 0.56 | c* | 2.5 | c | 0.0091 | c | 0.04 | c | 0.041 | c* | 0.2 | 0.00024 | 0.0012 |
| 58-89-9 | Hexachlorocyclohexane, Gamma- (Lindane | Spring 2015 | | | 1 | 0.04 | | 0.0003 | I | | | 1.1 | C | 0.00031 | C | 0.57 | c* | 2.5 | c | 0.0091 | c | 0.04 | c | 0.041 | c* | 0.2 | 0.00024 | 0.0012 |
| . | Hexachlorocyclohexane, Gamma- (Lindane | Change Effect | | | | | | | | | | | | | | 0.01 | | | | | | | | | | | | |
| 77-47-4 | Hexachlorocyclopentadiene | Winter 2015 | | | 1 | 0.1 | | 0.006 | I | 0.0002 | I | | | | | 370 | n | 4900 | n | 0.21 | n | 0.88 | n | 31 | n | 50 | 0.096 | 0.16 |
| 77-47-4 | Hexachlorocyclopentadiene | Spring 2015 | V | | 1 | | 15.7 | 0.006 | I | 0.0002 | I | | | | | 1.8 | n | 7.5 | n | 0.21 | n | 0.88 | n | 0.41 | n | 50 | 0.0013 | 0.16 |
| . | Hexachlorocyclopentadiene | Change Effect | X. | | | | | | | | | | | | | -368.2 | | -4892.5 | | | | | | -30.59 | | | -0.0947 | |
| 67-72-1 | Hexachloroethane | Winter 2015 | | | 1 | 0.1 | | 0.0007 | I | 0.03 | I | 0.04 | I | 0.000011 | C | 13 | c** | 58 | c* | 0.26 | c | 1.1 | c | 0.9 | c** | | 0.00055 | |
| 67-72-1 | Hexachloroethane | Spring 2015 | V | | 1 | | | 0.0007 | I | 0.03 | I | 0.04 | I | 0.000011 | C | 1.8 | c* | 8 | c* | 0.26 | c | 1.1 | c | 0.33 | c* | | 0.0002 | |
| . | Hexachloroethane | Change Effect | X. | | | | | | | | | | | | | -11.2 | X. | -50 | | | | | | -0.57 | X. | | -0.00035 | |
| 70-30-4 | Hexachlorophene | Winter 2015 | | | 1 | 0.1 | | 0.0003 | I | | | | | | | 18 | n | 250 | n | | | | | 6 | n | | 8 | |
| 70-30-4 | Hexachlorophene | Spring 2015 | | | 1 | 0.1 | | 0.0003 | I | | | | | | | 19 | n | 250 | n | | | | | 6 | n | | 8 | |
| . | Hexachlorophene | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 121-82-4 | Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX | Winter 2015 | | | 1 | 0.015 | | 0.003 | I | | | 0.11 | I | | | 6 | c* | 28 | c | | | | | 0.7 | c* | | 0.00027 | |
| 121-82-4 | Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX | Spring 2015 | | | 1 | 0.015 | | 0.003 | I | | | 0.11 | I | | | 6.1 | c* | 28 | c | | | | | 0.7 | c* | | 0.00027 | |
| . | Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 124-04-9 | Hexanedioic Acic | Winter 2015 | | | 1 | 0.1 | | 2 | P | | | | | | | 120000 | nm | 1600000 | nm | | | | | 40000 | n | | 9.9 | |
| 124-04-9 | Hexanedioic Acic | Spring 2015 | | | 1 | 0.1 | | 2 | P | | | | | | | 130000 | nm | 1600000 | nm | | | | | 40000 | n | | 9.9 | |
| . | Hexanedioic Acic | Change Effect | | | | | | | | | | | | | | 10000 | | | | | | | | | | | | |
| 51235-04-2 | Hexazinone | Winter 2015 | | | 1 | 0.1 | | 0.033 | I | | | | | | | 2000 | n | 27000 | n | | | | | 640 | n | | 0.3 | |
| 51235-04-2 | Hexazinone | Spring 2015 | | | 1 | 0.1 | | 0.033 | I | | | | | | | 2100 | n | 27000 | n | | | | | 640 | n | | 0.3 | |
| . | Hexazinone | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 302-01-2 | Hydrazine | Winter 2015 | | | 1 | | | | | 0.00003 | P | 3 | I | 0.0049 | I | 0.23 | c | 1.1 | c | 0.00057 | c* | 0.0025 | c* | 0.026 | c | | | |
| 302-01-2 | Hydrazine | Spring 2015 | V | | 1 | | | | | 0.00003 | P | 3 | I | 0.0049 | I | 0.23 | c | 1.1 | c | 0.00057 | c* | 0.0025 | c* | 0.0011 | c* | | | |
| . | Hydrazine | Change Effect | X. | | | | | | | | | | | | | | | -0.0249 | .X | | | | | | | | | |
| 7647-01-0 | Hydrogen Chloride | Winter 2015 | | | 1 | | | | | 0.02 | I | | | | | 28000000 | nm | 120000000 | nm | 21 | n | 88 | n | | | | | |
| 7647-01-0 | Hydrogen Chloride | Spring 2015 | V | | 1 | | | | | 0.02 | I | | | | | 28000000 | nm | 120000000 | nm | 21 | n | 88 | n | 42 | n | | | |
| . | Hydrogen Chloride | Change Effect | X. | | | | | | | | | | | | | | | | | | | | | X. | | | | |
| 7664-39-3 | Hydrogen Fluoride | Winter 2015 | | | 1 | | | 0.04 | C | 0.014 | C | | | | | 3100 | n | 47000 | n | 15 | n | 61 | n | 800 | n | | | |
| 7664-39-3 | Hydrogen Fluoride | Spring 2015 | V | | 1 | | | 0.04 | C | 0.014 | C | | | | | 3100 | n | 47000 | n | 15 | n | 61 | n | 28 | n | | | |
| . | Hydrogen Fluoride | Change Effect | X. | | | | | | | | | | | | | | | | | | | | | -772 | | | | |
| 7783-06-4 | Hydrogen Sulfide | Winter 2015 | | | 1 | | | | | 0.002 | I | | | | | 2800000 | nm | 12000000 | nm | 2.1 | n | 8.8 | n | | | | | |
| 7783-06-4 | Hydrogen Sulfide | Spring 2015 | V | | 1 | | | | | 0.002 | I | | | | | 2800000 | nm | 12000000 | nm | 2.1 | n | 8.8 | n | 4.2 | n | | | |
| . | Hydrogen Sulfide | Change Effect | X. | | | | | | | | | | | | | | | | | | | | | X. | | | | |
| 123-31-9 | Hydroquinone | Winter 2015 | | | 1 | 0.1 | | 0.04 | P | | | 0.06 | P | | | 8.9 | c | 38 | c | | | | | 1.3 | c | | 0.00087 | |
| 123-31-9 | Hydroquinone | Spring 2015 | | | 1 | 0.1 | | 0.04 | P | | | 0.06 | P | | | 9 | c | 38 | c | | | | | 1.3 | c | | 0.00087 | |
| . | Hydroquinone | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 35554-44-0 | Imazalil | Winter 2015 | | | 1 | 0.1 | | 0.013 | I | | | | | | | 800 | n | 11000 | n | | | | | 190 | n | | 3.2 | |
| 35554-44-0 | Imazalil | Spring 2015 | | | 1 | 0.1 | | 0.013 | I | | | | | | | 820 | n | 11000 | n | | | | | 190 | n | | 3.2 | |
| . | Imazalil | Change Effect | | | | | | | | | | | | | | 20 | | | | | | | | | | | | |
| 81335-37-7 | Imazaquin | Winter 2015 | | | 1 | 0.1 | | 0.25 | I | | | | | | | 15000 | n | 210000 | nm | | | | | 4900 | n | | 24 | |
| 81335-37-7 | Imazaquin | Spring 2015 | | | 1 | 0.1 | | 0.25 | I | | | | | | | 16000 | n | 210000 | nm | | | | | 4900 | n | | 24 | |
| . | Imazaquin | Change Effect | | | | | | | | | | | | | | 1000 | | | | | | | | | | | | |
| 78-83-1 | Isobutyl Alcoho | Winter 2015 | | | 1 | 0.1 | | 0.3 | I | | | | | | | 18000 | n | 250000 | nm | | | | | 5900 | n | | 1.2 | |
| 78-83-1 | Isobutyl Alcoho | Spring 2015 | V | | 1 | | 10000 | 0.3 | I | | | | | | | 23000 | ns | 350000 | nms | | | | | 5900 | n | | 1.2 | |
| . | Isobutyl Alcoho | Change Effect | X. | | | | | | | | | | | | | 5000 | .X | 100000 | X. | | | | | | | | | |
| 78-59-1 | Isophorone | Winter 2015 | | | 1 | 0.1 | | 0.2 | I | 2 | C | 0.00095 | I | | | 560 | c* | 2400 | c* | 2100 | n | 8800 | n | 78 | c* | | 0.026 | |
| 78-59-1 | Isophorone | Spring 2015 | | | 1 | 0.1 | | 0.2 | I | 2 | C | 0.00095 | I | | | 570 | c* | 2400 | c* | 2100 | n | 8800 | n | 78 | c* | | 0.026 | |
| . | Isophorone | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 33820-53-0 | Isopropalir | Winter 2015 | | | 1 | 0.1 | | 0.015 | I | | | | | | | 920 | n | 12000 | n | | | | | 40 | n | | 0.92 | |
| 33820-53-0 | Isopropalir | Spring 2015 | V | | 1 | | | 0.015 | I | | | | | | | 1200 | n | 18000 | n | | | | | 40 | n | | 0.92 | |
| . | Isopropalir | Change Effect | X. | | | | | | | | | | | | | 280 | | 6000 | | | | | | | | | | |
| 67-63-0 | Isopropano | Winter 2015 | | | 1 | 0.1 | | 2 | P | 0.2 | P | | | | | 120000 | nm | 1600000 | nm | 210 | n | 880 | n | 40000 | n | | 8.1 | |
| 67-63-0 | Isopropano | Spring 2015 | V | | 1 | | 109000 | 2 | P | 0.2 | P | | | | | 5600 | n | 24000 | n | 210 | n | 880 | n | 410 | n | | 0.084 | |
| . | Isopropano | Change Effect | X. | | | | | | | | | | | | | -114400 | .X | -1576000 | .X | | | | | -39590 | | | -8.016 | |

| CAS | Chemica | Type of Observatior | v o c | mutager | GIABS | ABS | Csat (mg/kg) | RfDo (mg/kg-day) | k e y_2 | RfCi (mg/m3) | k e y_3 | SFO (mg/kg-day)$^{-1}$ | k e y | IUR (ug/m3)$^{-1}$ | k e y_1 | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key_1 | Resident Air (ug/m$^3$) | key_2 | Industria Air (ug/m$^3$) | key_3 | Tapwater (ug/L) | key_4 | MCL (ug/L) | Risk-based SSL (mg/kg) | MCL-based SSL (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1832-54-8 | Isopropyl Methyl Phosphonic Aci | Winter 2015 | | | 1 | 0.1 | | 0.1 | I | | | | | | | 6200 | n | 82000 | n | | | | | 2000 | n | | 0.43 | |
| 1832-54-8 | Isopropyl Methyl Phosphonic Aci | Spring 2015 | | | 1 | 0.1 | | 0.1 | I | | | | | | | 6300 | n | 82000 | n | | | | | 2000 | n | | 0.43 | |
| . | Isopropyl Methyl Phosphonic Aci | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 82558-50-7 | Isoxaben | Winter 2015 | | | 1 | 0.1 | | 0.05 | I | | | | | | | 3100 | n | 41000 | n | | | | | 730 | n | | 2 | |
| 82558-50-7 | Isoxaben | Spring 2015 | | | 1 | 0.1 | | 0.05 | I | | | | | | | 3200 | n | 41000 | n | | | | | 730 | n | | 2 | |
| . | Isoxaben | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 23950-58-5 | Kerb | Winter 2015 | | | 1 | 0.1 | | 0.075 | I | | | | | | | 4600 | n | 62000 | n | | | | | 1200 | n | | 1.2 | |
| 23950-58-5 | Kerb | Spring 2015 | | | 1 | 0.1 | | 0.075 | I | | | | | | | 4700 | n | 62000 | n | | | | | 1200 | n | | 1.2 | |
| . | Kerb | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 77501-63-4 | Lactofen | Winter 2015 | | | 1 | 0.1 | | 0.002 | I | | | | | | | 120 | n | 1600 | n | | | | | 25 | n | | 1.2 | |
| 77501-63-4 | Lactofen | Spring 2015 | | | 1 | 0.1 | | 0.002 | I | | | | | | | 130 | n | 1600 | n | | | | | 25 | n | | 1.2 | |
| . | Lactofen | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 330-55-2 | Linuron | Winter 2015 | | | 1 | 0.1 | | 0.002 | I | | | | | | | 120 | n | 1600 | n | | | | | 33 | n | | 0.029 | |
| 330-55-2 | Linuron | Spring 2015 | | | 1 | 0.1 | | 0.002 | I | | | | | | | 130 | n | 1600 | n | | | | | 33 | n | | 0.029 | |
| . | Linuron | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 83055-99-6 | Londax | Winter 2015 | | | 1 | 0.1 | | 0.2 | I | | | | | | | 12000 | n | 160000 | nm | | | | | 3900 | n | | 1 | |
| 83055-99-6 | Londax | Spring 2015 | | | 1 | 0.1 | | 0.2 | I | | | | | | | 13000 | n | 160000 | nm | | | | | 3900 | n | | 1 | |
| . | Londax | Change Effect | | | | | | | | | | | | | | 1000 | | | | | | | | | | | | |
| 94-74-6 | MCPA | Winter 2015 | | | 1 | 0.1 | | 0.0005 | I | | | | | | | 31 | n | 410 | n | | | | | 7.5 | n | | 0.002 | |
| 94-74-6 | MCPA | Spring 2015 | | | 1 | 0.1 | | 0.0005 | I | | | | | | | 32 | n | 410 | n | | | | | 7.5 | n | | 0.002 | |
| . | MCPA | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 94-81-5 | MCPB | Winter 2015 | | | 1 | 0.1 | | 0.01 | I | | | | | | | 620 | n | 8200 | n | | | | | 150 | n | | 0.058 | |
| 94-81-5 | MCPB | Spring 2015 | | | 1 | 0.1 | | 0.01 | I | | | | | | | 630 | n | 8200 | n | | | | | 150 | n | | 0.058 | |
| . | MCPB | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 93-65-2 | MCPP | Winter 2015 | | | 1 | 0.1 | | 0.001 | I | | | | | | | 62 | n | 820 | n | | | | | 16 | n | | 0.0046 | |
| 93-65-2 | MCPP | Spring 2015 | | | 1 | 0.1 | | 0.001 | I | | | | | | | 63 | n | 820 | n | | | | | 16 | n | | 0.0046 | |
| . | MCPP | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 121-75-5 | Malathion | Winter 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1200 | n | 16000 | n | | | | | 390 | n | | 0.1 | |
| 121-75-5 | Malathion | Spring 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1300 | n | 16000 | n | | | | | 390 | n | | 0.1 | |
| . | Malathion | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 108-31-6 | Maleic Anhydride | Winter 2015 | | | 1 | 0.1 | | 0.1 | I | 0.0007 | C | | | | | 6100 | n | 81000 | n | 0.73 | n | 3.1 | n | 1900 | n | | 0.38 | |
| 108-31-6 | Maleic Anhydride | Spring 2015 | | | 1 | 0.1 | | 0.1 | I | 0.0007 | C | | | | | 6300 | n | 80000 | n | 0.73 | n | 3.1 | n | 1900 | n | | 0.38 | |
| . | Maleic Anhydride | Change Effect | | | | | | | | | | | | | | 200 | | -1000 | | | | | | | | | | |
| 123-33-1 | Maleic Hydrazide | Winter 2015 | | | 1 | 0.1 | | 0.5 | I | | | | | | | 31000 | n | 410000 | nm | | | | | 10000 | n | | 2.1 | |
| 123-33-1 | Maleic Hydrazide | Spring 2015 | | | 1 | 0.1 | | 0.5 | I | | | | | | | 32000 | n | 410000 | nm | | | | | 10000 | n | | 2.1 | |
| . | Maleic Hydrazide | Change Effect | | | | | | | | | | | | | | 1000 | | | | | | | | | | | | |
| 109-77-3 | Malononitrile | Winter 2015 | | | 1 | 0.1 | | 0.0001 | P | | | | | | | 6.2 | n | 82 | n | | | | | 2 | n | | 0.00041 | |
| 109-77-3 | Malononitrile | Spring 2015 | | | 1 | 0.1 | | 0.0001 | P | | | | | | | 6.3 | n | 82 | n | | | | | 2 | n | | 0.00041 | |
| . | Malononitrile | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 8018-01-7 | Mancozeb | Winter 2015 | | | 1 | 0.1 | | 0.03 | H | | | | | | | 1800 | n | 25000 | n | | | | | 590 | n | | 0.84 | |
| 8018-01-7 | Mancozeb | Spring 2015 | | | 1 | 0.1 | | 0.03 | H | | | | | | | 1900 | n | 25000 | n | | | | | 540 | n | | | |
| . | Mancozeb | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | -50 | | | | |
| 12427-38-2 | Maneb | Winter 2015 | | | 1 | 0.1 | | 0.005 | I | | | | | | | 310 | n | 4100 | n | | | | | 99 | n | | 0.14 | |
| 12427-38-2 | Maneb | Spring 2015 | | | 1 | 0.1 | | 0.005 | I | | | | | | | 320 | n | 4100 | n | | | | | 98 | n | | 0.14 | |
| . | Maneb | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | -1 | | | | |
| 950-10-7 | Mephosfolan | Winter 2015 | | | 1 | 0.1 | | 0.00009 | H | | | | | | | 5.5 | n | 74 | n | | | | | 1.8 | n | | 0.0026 | |
| 950-10-7 | Mephosfolan | Spring 2015 | | | 1 | 0.1 | | 0.00009 | H | | | | | | | 5.7 | n | 74 | n | | | | | 1.8 | n | | 0.0026 | |
| . | Mephosfolan | Change Effect | | | | | | | | | | | | | | 0.2 | | | | | | | | | | | | |
| 24307-26-4 | Mepiquat Chloride | Winter 2015 | | | 1 | 0.1 | | 0.03 | I | | | | | | | 1800 | n | 25000 | n | | | | | 600 | n | | 0.2 | |
| 24307-26-4 | Mepiquat Chloride | Spring 2015 | | | 1 | 0.1 | | 0.03 | I | | | | | | | 1900 | n | 25000 | n | | | | | 600 | n | | 0.2 | |
| . | Mepiquat Chloride | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 150-50-5 | Merphos | Winter 2015 | | | 1 | 0.1 | | 0.00003 | I | | | | | | | 1.8 | n | 25 | n | | | | | 0.6 | n | | 0.059 | |
| 150-50-5 | Merphos | Spring 2015 | V | | 1 | | | 0.00003 | I | | | | | | | 2.3 | n | 35 | n | | | | | 0.6 | n | | 0.059 | |
| . | Merphos | Change Effect | X. | | | | | | | | | | | | | 0.5 | | 10 | | | | | | | | | | |
| 78-48-8 | Merphos Oxide | Winter 2015 | | | 1 | 0.1 | | 0.00003 | I | | | | | | | 1.8 | n | 25 | n | | | | | 0.085 | n | | 0.00042 | |
| 78-48-8 | Merphos Oxide | Spring 2015 | | | 1 | 0.1 | | 0.00003 | I | | | | | | | 1.9 | n | 25 | n | | | | | 0.085 | n | | 0.00042 | |
| . | Merphos Oxide | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 57837-19-1 | Metalaxy | Winter 2015 | | | 1 | 0.1 | | 0.06 | I | | | | | | | 3700 | n | 49000 | n | | | | | 1200 | n | | 0.33 | |
| 57837-19-1 | Metalaxy | Spring 2015 | | | 1 | 0.1 | | 0.06 | I | | | | | | | 3800 | n | 49000 | n | | | | | 1200 | n | | 0.33 | |
| . | Metalaxy | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 10265-92-6 | Methamidophos | Winter 2015 | | | 1 | 0.1 | | 0.00005 | I | | | | | | | 3.1 | n | 41 | n | | | | | 1 | n | | 0.00021 | |
| 10265-92-6 | Methamidophos | Spring 2015 | | | 1 | 0.1 | | 0.00005 | I | | | | | | | 3.2 | n | 41 | n | | | | | 1 | n | | 0.00021 | |
| . | Methamidophos | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 67-56-1 | Methano | Winter 2015 | | | 1 | 0.1 | | 2 | I | 20 | I | | | | | 120000 | nm | 1600000 | nm | 21000 | n | 88000 | n | 40000 | n | | 8.1 | |
| 67-56-1 | Methano | Spring 2015 | V | | 1 | | 106000 | 2 | I | 20 | I | | | | | 120000 | nms | 1200000 | nms | 21000 | n | 88000 | n | 20000 | n | | 4.1 | |
| . | Methano | Change Effect | X. | | | | | | | | | | | | | X. | | -400000 | X. | | | | | -20000 | | | -4 | |
| 950-37-8 | Methidathion | Winter 2015 | | | 1 | 0.1 | | 0.001 | I | | | | | | | 62 | n | 820 | n | | | | | 19 | n | | 0.0047 | |
| 950-37-8 | Methidathion | Spring 2015 | | | 1 | 0.1 | | 0.001 | I | | | | | | | 63 | n | 820 | n | | | | | 19 | n | | 0.0047 | |
| . | Methidathion | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 16752-77-5 | Methomy | Winter 2015 | | | 1 | 0.1 | | 0.025 | I | | | | | | | 1500 | n | 21000 | n | | | | | 500 | n | | 0.11 | |
| 16752-77-5 | Methomy | Spring 2015 | | | 1 | 0.1 | | 0.025 | I | | | | | | | 1600 | n | 21000 | n | | | | | 500 | n | | 0.11 | |
| . | Methomy | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 72-43-5 | Methoxychlo | Winter 2015 | | | 1 | 0.1 | | 0.005 | I | | | | | | | 310 | n | 4100 | n | | | | | 37 | n | 40 | 2 | 2.2 |
| 72-43-5 | Methoxychlo | Spring 2015 | | | 1 | 0.1 | | 0.005 | I | | | | | | | 320 | n | 4100 | n | | | | | 37 | n | 40 | 2 | 2.2 |
| . | Methoxychlo | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 110-49-6 | Methoxyethanol Acetate, 2 | Winter 2015 | | | 1 | 0.1 | | 0.008 | P | 0.001 | P | | | | | 490 | n | 6600 | n | 1 | n | 4.4 | n | 160 | n | | 0.033 | |
| 110-49-6 | Methoxyethanol Acetate, 2 | Spring 2015 | V | | 1 | | 115000 | 0.008 | P | 0.001 | P | | | | | 110 | n | 510 | n | 1 | n | 4.4 | n | 2.1 | n | | 0.00042 | |
| . | Methoxyethanol Acetate, 2 | Change Effect | X. | | | | | | | | | | | | | -380 | | -6090 | | | | | | -157.9 | | | -0.03258 | |
| 109-86-4 | Methoxyethanol, 2 | Winter 2015 | | | 1 | 0.1 | | 0.005 | P | 0.02 | I | | | | | 310 | n | 4100 | n | 21 | n | 88 | n | 100 | n | | 0.02 | |
| 109-86-4 | Methoxyethanol, 2 | Spring 2015 | V | | 1 | | 106000 | 0.005 | P | 0.02 | I | | | | | 330 | n | 3500 | n | 21 | n | 88 | n | 29 | n | | 0.0059 | |
| . | Methoxyethanol, 2 | Change Effect | X. | | | | | | | | | | | | | 20 | | -600 | | | | | | -71 | | | -0.0141 | |
| 60-34-4 | Methyl Hydrazine | Winter 2015 | | | 1 | 0.1 | | 0.001 | P | 0.00002 | X | | | 0.001 | X | 62 | n | 820 | n | 0.0028 | c** | 0.012 | c** | 20 | n | | 0.0045 | |
| 60-34-4 | Methyl Hydrazine | Spring 2015 | V | | 1 | | 180000 | 0.001 | P | 0.00002 | X | | | 0.001 | X | 0.44 | c** | 1.9 | c** | 0.0028 | c** | 0.012 | c** | 0.0056 | c** | | 0.0000013 | |
| . | Methyl Hydrazine | Change Effect | X. | | | | | | | | | | | | | -61.56 | XXX | -818.1 | XXX | | | | | -19.9944 | XXX | | -0.0044987 | |
| 624-83-9 | Methyl Isocyanate | Winter 2015 | V | | 1 | 0.1 | 16700 | | | 0.001 | C | | | | | 4.6 | n | 19 | n | 1 | n | 4.4 | n | 2.1 | n | | 0.00059 | |
| 624-83-9 | Methyl Isocyanate | Spring 2015 | V | | 1 | | 16700 | | | 0.001 | C | | | | | 4.6 | n | 19 | n | 1 | n | 4.4 | n | 2.1 | n | | 0.00059 | |
| . | Methyl Isocyanate | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 298-00-0 | Methyl Parathion | Winter 2015 | | | 1 | 0.1 | | 0.00025 | I | | | | | | | 15 | n | 210 | n | | | | | 4.5 | n | | 0.0074 | |
| 298-00-0 | Methyl Parathion | Spring 2015 | | | 1 | 0.1 | | 0.00025 | I | | | | | | | 16 | n | 210 | n | | | | | 4.5 | n | | 0.0074 | |
| . | Methyl Parathion | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 993-13-5 | Methyl Phosphonic Acid | Winter 2015 | | | 1 | 0.1 | | 0.06 | X | | | | | | | 3700 | n | 49000 | n | | | | | 1200 | n | | 0.24 | |
| 993-13-5 | Methyl Phosphonic Acid | Spring 2015 | | | 1 | 0.1 | | 0.06 | X | | | | | | | 3800 | n | 49000 | n | | | | | 1200 | n | | 0.24 | |
| . | Methyl Phosphonic Acid | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 25013-15-4 | Methyl Styrene (Mixed Isomers | Winter 2015 | V | | 1 | | 393 | 0.006 | H | 0.04 | H | | | | | 230 | n | 1500 | ns | 42 | n | 180 | n | 38 | n | | 0.062 | |
| 25013-15-4 | Methyl Styrene (Mixed Isomers | Spring 2015 | V | | 1 | | 393 | 0.006 | H | 0.04 | H | | | | | 240 | n | 1600 | ns | 42 | n | 180 | n | 38 | n | | 0.062 | |
| . | Methyl Styrene (Mixed Isomers | Change Effect | | | | | | | | | | | | | | 10 | | 100 | | | | | | | | | | |
| 66-27-3 | Methyl methanesulfonate | Winter 2015 | | | 1 | 0.1 | | | | | | 0.099 | C | 0.000028 | C | 5.4 | c | 23 | c | 0.1 | c | 0.44 | c | 0.79 | c | | 0.00016 | |
| 66-27-3 | Methyl methanesulfonate | Spring 2015 | | | 1 | 0.1 | | | | | | 0.099 | C | 0.000028 | C | 5.5 | c | 23 | c | 0.1 | c | 0.44 | c | 0.79 | c | | 0.00016 | |
| . | Methyl methanesulfonate | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 615-45-2 | Methyl-1,4-benzenediamine dihydrochloride, : | Winter 2015 | | | 1 | 0.1 | | 0.0003 | X | | | | | | | 18 | n | 250 | n | | | | | 6 | n | | 0.0036 | |
| 615-45-2 | Methyl-1,4-benzenediamine dihydrochloride, : | Spring 2015 | | | 1 | 0.1 | | 0.0003 | X | | | | | | | 19 | n | 250 | n | | | | | 6 | n | | 0.0036 | |
| . | Methyl-1,4-benzenediamine dihydrochloride, : | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 99-55-8 | Methyl-5-Nitroaniline, 2 | Winter 2015 | | | 1 | 0.1 | | 0.02 | X | | | 0.009 | P | | | 59 | c* | 260 | c* | | | | | 8.1 | c* | | 0.0045 | |
| 99-55-8 | Methyl-5-Nitroaniline, 2 | Spring 2015 | | | 1 | 0.1 | | 0.02 | X | | | 0.009 | P | | | 60 | c* | 260 | c* | | | | | 8.1 | c* | | 0.0045 | |
| . | Methyl-5-Nitroaniline, 2 | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 70-25-7 | Methyl-N-nitro-N-nitrosoguanidine, N | Winter 2015 | | | 1 | 0.1 | | | | | | 8.3 | C | 0.0024 | C | 0.064 | c | 0.28 | c | 0.0012 | c | 0.0051 | c | 0.0094 | c | | 0.0000032 | |
| 70-25-7 | Methyl-N-nitro-N-nitrosoguanidine, N | Spring 2015 | | | 1 | 0.1 | | | | | | 8.3 | C | 0.0024 | C | 0.065 | c | 0.28 | c | 0.0012 | c | 0.0051 | c | 0.0094 | c | | 0.0000032 | |
| . | Methyl-N-nitro-N-nitrosoguanidine, N | Change Effect | | | | | | | | | | | | | | 0.001 | | | | | | | | | | | | |
| 636-21-5 | Methylaniline Hydrochloride, 2 | Winter 2015 | | | 1 | 0.1 | | | | | | 0.13 | C | 0.000037 | C | 4.1 | c | 18 | c | 0.076 | c | 0.33 | c | 0.57 | c | | 0.00025 | |
| 636-21-5 | Methylaniline Hydrochloride, 2 | Spring 2015 | | | 1 | 0.1 | | | | | | 0.13 | C | 0.000037 | C | 4.2 | c | 18 | c | 0.076 | c | 0.33 | c | 0.6 | c | | 0.00026 | |
| . | Methylaniline Hydrochloride, 2 | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | 0.03 | | | | |
| 124-58-3 | Methylarsonic acid | Winter 2015 | | | 1 | 0.1 | | 0.01 | A | | | | | | | 620 | n | 8200 | n | | | | | 200 | n | | | |

| CAS | Chemica | Type of Observatior | v o c | mutagen | GIABS | ABS | Csat (mg/kg) | RfDo (mg/kg-day) | k e y_2 | RfCi (mg/m3) | k e y_3 | SFO (mg/kg-day)$^{-1}$ | k e y | IUR (ug/m3)$^{-1}$ | k e y_1 | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key_1 | Residen Air (ug/m$^3$) | key_2 | Industria Air (ug/m$^3$) | key_3 | Tapwater (ug/L) | key_4 | MCL (ug/L) | Risk-based SSL (mg/kg) | MCL-based SSL (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 124-58-3 | Methylarsonic acic | Spring 2015 | | | 1 | 0.1 | | 0.01 | A | | | | | | | 630 | n | 8200 | n | | | | | 200 | n | | | |
| . | Methylarsonic acic | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 74612-12-7 | Methylbenzene,1-4-diamine monohydrochloride, 2 | Winter 2015 | | | 1 | 0.1 | | 0.0002 | X | | | | | | | 12 | n | 160 | n | | | | | 4 | n | | | |
| 74612-12-7 | Methylbenzene,1-4-diamine monohydrochloride, 2 | Spring 2015 | | | 1 | 0.1 | | 0.0002 | X | | | | | | | 13 | n | 160 | n | | | | | 4 | n | | | |
| . | Methylbenzene,1-4-diamine monohydrochloride, 2 | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 615-50-9 | Methylbenzene-1,4-diamine sulfate, 2 | Winter 2015 | | | 1 | 0.1 | | 0.0003 | X | | | 0.1 | X | | | 5.3 | c** | 23 | c* | | | | | 0.78 | c** | | | |
| 615-50-9 | Methylbenzene-1,4-diamine sulfate, 2 | Spring 2015 | | | 1 | 0.1 | | 0.0003 | X | | | 0.1 | X | | | 5.4 | c** | 23 | c* | | | | | 0.78 | c** | | | |
| . | Methylbenzene-1,4-diamine sulfate, 2 | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 75-09-2 | Methylene Chlorid | Winter 2015 | V | M | 1 | | 3320 | 0.006 | I | 0.6 | I | 0.002 | I | 0.00000001 | I | 57 | c** | 1000 | c** | 100 | c** | 1200 | c** | 11 | c** | 5 | 0.0029 | 0.0013 |
| 75-09-2 | Methylene Chlorid | Spring 2015 | V | M | 1 | | 3320 | 0.006 | I | 0.6 | I | 0.002 | I | 0.00000001 | I | 57 | c** | 1000 | c** | 100 | c** | 1200 | c** | 12 | c** | 5 | 0.0031 | 0.0013 |
| . | Methylene Chlorid | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | 0.0002 | |
| 101-77-9 | Methylenebisbenzenamine, 4,4 | Winter 2015 | | | 1 | 0.1 | | | | 0.02 | C | 1.6 | C | 0.00046 | C | 0.33 | c | 1.4 | c | 0.0061 | c | 0.027 | c | 0.047 | c | | 0.00021 | |
| 101-77-9 | Methylenebisbenzenamine, 4,4 | Spring 2015 | | | 1 | 0.1 | | | | 0.02 | C | 1.6 | C | 0.00046 | C | 0.34 | c | 1.4 | c | 0.0061 | c | 0.027 | c | 0.047 | c | | 0.00021 | |
| . | Methylenebisbenzenamine, 4,4 | Change Effect | | | | | | | | | | | | | | 0.01 | | | | | | | | | | | | |
| 51218-45-2 | Metolachlo | Winter 2015 | | | 1 | 0.1 | | 0.15 | I | | | | | | | 9200 | n | 120000 | nm | | | | | 2700 | n | | 3.2 | |
| 51218-45-2 | Metolachlo | Spring 2015 | | | 1 | 0.1 | | 0.15 | I | | | | | | | 9500 | n | 120000 | nm | | | | | 2700 | n | | 3.2 | |
| . | Metolachlo | Change Effect | | | | | | | | | | | | | | 300 | | | | | | | | | | | | |
| 21087-64-9 | Metribuzin | Winter 2015 | | | 1 | 0.1 | | 0.025 | I | | | | | | | 1500 | n | 21000 | n | | | | | 490 | n | | 0.15 | |
| 21087-64-9 | Metribuzin | Spring 2015 | | | 1 | 0.1 | | 0.025 | I | | | | | | | 1600 | n | 21000 | n | | | | | 490 | n | | 0.15 | |
| . | Metribuzin | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 8012-95-1 | Mineral oils | Winter 2015 | V | | 1 | 0.1 | 0.342 | 3 | P | | | | | | | 180000 | nms | 2500000 | nms | | | | | 60000 | n | | 2400 | |
| 8012-95-1 | Mineral oils | Spring 2015 | V | | 1 | | 0.342 | 3 | P | | | | | | | 230000 | nms | 3500000 | nms | | | | | 60000 | n | | 2400 | |
| . | Mineral oils | Change Effect | | | | | | | | | | | | | | 50000 | | 1000000 | | | | | | | | | | |
| 2385-85-5 | Mirex | Winter 2015 | | | 1 | 0.1 | | 0.0002 | I | | | 18 | C | 0.0051 | C | 0.03 | c | 0.13 | c | 0.00055 | c | 0.0024 | c | 0.0043 | c | | 0.0031 | |
| 2385-85-5 | Mirex | Spring 2015 | V | | 1 | | | 0.0002 | I | | | 18 | C | 0.0051 | C | 0.036 | c | 0.17 | c | 0.00055 | c | 0.0024 | c | 0.00088 | c | | 0.00063 | |
| . | Mirex | Change Effect | X. | | | | | | | | | | | | | 0.006 | | 0.04 | | | | | | -0.00342 | | | -0.00247 | |
| 2212-67-1 | Molinate | Winter 2015 | | | 1 | 0.1 | | 0.002 | I | | | | | | | 120 | n | 1600 | n | | | | | 30 | n | | 0.017 | |
| 2212-67-1 | Molinate | Spring 2015 | | | 1 | 0.1 | | 0.002 | I | | | | | | | 130 | n | 1600 | n | | | | | 30 | n | | 0.017 | |
| . | Molinate | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 100-61-8 | Monomethylanilin | Winter 2015 | | | 1 | 0.1 | | 0.002 | P | | | | | | | 120 | n | 1600 | n | | | | | 38 | n | | 0.014 | |
| 100-61-8 | Monomethylanilin | Spring 2015 | | | 1 | 0.1 | | 0.002 | P | | | | | | | 130 | n | 1600 | n | | | | | 38 | n | | 0.014 | |
| . | Monomethylanilin | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 74-31-7 | N,N'-Diphenyl-1,4-benzenediamin | Winter 2015 | | | 1 | 0.1 | | 0.0003 | X | | | | | | | 18 | n | 250 | n | | | | | 3.6 | n | | 0.37 | |
| 74-31-7 | N,N'-Diphenyl-1,4-benzenediamin | Spring 2015 | | | 1 | 0.1 | | 0.0003 | X | | | | | | | 19 | n | 250 | n | | | | | 3.6 | n | | 0.37 | |
| . | N,N'-Diphenyl-1,4-benzenediamin | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 300-76-5 | Naled | Winter 2015 | | | 1 | 0.1 | | 0.002 | I | | | | | | | 120 | n | 1600 | n | | | | | 40 | n | | 0.018 | |
| 300-76-5 | Naled | Spring 2015 | V | | 1 | | | 0.002 | I | | | | | | | 160 | n | 2300 | n | | | | | 40 | n | | 0.018 | |
| . | Naled | Change Effect | X. | | | | | | | | | | | | | 40 | | 700 | | | | | | | | | | |
| 15299-99-7 | Napropamide | Winter 2015 | | | 1 | 0.1 | | 0.1 | I | | | | | | | 6200 | n | 82000 | n | | | | | 1600 | n | | 11 | |
| 15299-99-7 | Napropamide | Spring 2015 | | | 1 | 0.1 | | 0.1 | I | | | | | | | 6300 | n | 82000 | n | | | | | 1600 | n | | 11 | |
| . | Napropamide | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 373-02-4 | Nickel Acetate | Winter 2015 | | | 0.04 | | | 0.011 | C | 0.000014 | C | | | 0.00026 | C | 820 | n | 11000 | n | 0.011 | c** | 0.047 | c** | 200 | n | | | |
| 373-02-4 | Nickel Acetate | Spring 2015 | | | 1 | 0.1 | | 0.011 | C | 0.000014 | C | | | 0.00026 | C | 670 | n | 8100 | n | 0.011 | c** | 0.047 | c** | 220 | n | | | |
| . | Nickel Acetate | Change Effect | | | 0.96 | | | | | | | | | | | -150 | | -2900 | | | | | | 20 | | | | |
| 3333-67-3 | Nickel Carbonate | Winter 2015 | | | 0.04 | | | 0.011 | C | 0.000014 | C | | | 0.00026 | C | 820 | n | 11000 | n | 0.011 | c** | 0.047 | c** | 200 | n | | | |
| 3333-67-3 | Nickel Carbonate | Spring 2015 | | | 1 | 0.1 | | 0.011 | C | 0.000014 | C | | | 0.00026 | C | 670 | n | 8100 | n | 0.011 | c** | 0.047 | c** | 220 | n | | | |
| . | Nickel Carbonate | Change Effect | | | 0.96 | | | | | | | | | | | -150 | | -2900 | | | | | | 20 | | | | |
| 13463-39-3 | Nickel Carbony | Winter 2015 | | | 0.04 | | | 0.011 | C | 0.000014 | C | | | 0.00026 | C | 820 | n | 11000 | n | 0.011 | c** | 0.047 | c** | 200 | n | | | |
| 13463-39-3 | Nickel Carbony | Spring 2015 | V | | 1 | | | 0.011 | C | 0.000014 | C | | | 0.00026 | C | 820 | n | 11000 | n | 0.011 | c** | 0.047 | c** | 0.022 | c** | | | |
| . | Nickel Carbony | Change Effect | X. | | 0.96 | | | | | | | | | | | | | | | | | | | -199.978 | XXX | | | |
| 1271-28-9 | Nickelocene | Winter 2015 | | | 0.04 | | | 0.011 | C | 0.000014 | C | | | 0.00026 | C | 820 | n | 11000 | n | 0.011 | c** | 0.047 | c** | 200 | n | | | |
| 1271-28-9 | Nickelocene | Spring 2015 | | | 1 | 0.1 | | 0.011 | C | 0.000014 | C | | | 0.00026 | C | 670 | n | 8100 | n | 0.011 | c** | 0.047 | c** | 220 | n | | | |
| . | Nickelocene | Change Effect | | | 0.96 | | | | | | | | | | | -150 | | -2900 | | | | | | 20 | | | | |
| 88-74-4 | Nitroaniline, 2 | Winter 2015 | | | 1 | 0.1 | | 0.01 | X | 0.00005 | X | | | | | 610 | n | 8000 | n | 0.052 | n | 0.22 | n | 190 | n | | 0.08 | |
| 88-74-4 | Nitroaniline, 2 | Spring 2015 | | | 1 | 0.1 | | 0.01 | X | 0.00005 | X | | | | | 630 | n | 8000 | n | 0.052 | n | 0.22 | n | 190 | n | | 0.08 | |
| . | Nitroaniline, 2 | Change Effect | | | | | | | | | | | | | | 20 | | | | | | | | | | | | |
| 100-01-6 | Nitroaniline, 4 | Winter 2015 | | | 1 | 0.1 | | 0.004 | P | 0.006 | P | 0.02 | P | | | 27 | c** | 120 | c* | 6.3 | n | 26 | n | 3.8 | c* | | 0.0016 | |
| 100-01-6 | Nitroaniline, 4 | Spring 2015 | | | 1 | 0.1 | | 0.004 | P | 0.006 | P | 0.02 | P | | | 27 | c** | 110 | c* | 6.3 | n | 26 | n | 3.8 | c* | | 0.0016 | |
| . | Nitroaniline, 4 | Change Effect | | | | | | | | | | | | | | | | -10 | | | | | | | | | | |
| 9004-70-0 | Nitrocellulose | Winter 2015 | | | 1 | 0.1 | | 3000 | P | | | | | | | 180000000 | nm | 2500000000 | nm | | | | | 60000000 | n | | 13000 | |
| 9004-70-0 | Nitrocellulose | Spring 2015 | | | 1 | 0.1 | | 3000 | P | | | | | | | 190000000 | nm | 2500000000 | nm | | | | | 60000000 | n | | 13000 | |
| . | Nitrocellulose | Change Effect | | | | | | | | | | | | | | 10000000 | | | | | | | | | | | | |
| 67-20-9 | Nitrofurantoin | Winter 2015 | | | 1 | 0.1 | | 0.07 | H | | | | | | | 4300 | n | 58000 | n | | | | | 1400 | n | | 0.61 | |
| 67-20-9 | Nitrofurantoin | Spring 2015 | | | 1 | 0.1 | | 0.07 | H | | | | | | | 4400 | n | 57000 | n | | | | | 1400 | n | | 0.61 | |
| . | Nitrofurantoin | Change Effect | | | | | | | | | | | | | | 100 | | -1000 | | | | | | | | | | |
| 59-87-0 | Nitrofurazone | Winter 2015 | | | 1 | 0.1 | | | | | | 1.3 | C | 0.00037 | C | 0.41 | c | 1.8 | c | 0.0076 | c | 0.033 | c | 0.06 | c | | 0.000054 | |
| 59-87-0 | Nitrofurazone | Spring 2015 | | | 1 | 0.1 | | | | | | 1.3 | C | 0.00037 | C | 0.42 | c | 1.8 | c | 0.0076 | c | 0.033 | c | 0.06 | c | | 0.000054 | |
| . | Nitrofurazone | Change Effect | | | | | | | | | | | | | | 0.01 | | | | | | | | | | | | |
| 55-63-0 | Nitroglycerin | Winter 2015 | | | 1 | 0.1 | | 0.0001 | P | | | 0.017 | P | | | 6.2 | n | 82 | n | | | | | 2 | n | | 0.00085 | |
| 55-63-0 | Nitroglycerin | Spring 2015 | | | 1 | 0.1 | | 0.0001 | P | | | 0.017 | P | | | 6.3 | n | 82 | n | | | | | 2 | n | | 0.00085 | |
| . | Nitroglycerin | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 556-88-7 | Nitroguanidine | Winter 2015 | | | 1 | 0.1 | | 0.1 | I | | | | | | | 6200 | n | 82000 | n | | | | | 2000 | n | | 0.48 | |
| 556-88-7 | Nitroguanidine | Spring 2015 | | | 1 | 0.1 | | 0.1 | I | | | | | | | 6300 | n | 82000 | n | | | | | 2000 | n | | 0.48 | |
| . | Nitroguanidine | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 759-73-9 | Nitroso-N-ethylurea, N | Winter 2015 | | M | 1 | 0.1 | | | | | | 27 | C | 0.0077 | C | 0.0044 | c | 0.086 | c | 0.00013 | c | 0.0016 | c | 0.00092 | c | | 0.00000022 | |
| 759-73-9 | Nitroso-N-ethylurea, N | Spring 2015 | | M | 1 | 0.1 | | | | | | 27 | C | 0.0077 | C | 0.0045 | c | 0.085 | c | 0.00013 | c | 0.0016 | c | 0.00092 | c | | 0.00000022 | |
| . | Nitroso-N-ethylurea, N | Change Effect | | | | | | | | | | | | | | | | -0.001 | | | | | | | | | | |
| 924-16-3 | Nitroso-di-N-butylamine, N | Winter 2015 | V | | 1 | | | | | | | 5.4 | I | 0.0016 | I | 0.094 | c | 0.43 | c | 0.0018 | c | 0.0077 | c | 0.0027 | c | | 0.0000055 | |
| 924-16-3 | Nitroso-di-N-butylamine, N | Spring 2015 | V | | 1 | | | | | | | 5.4 | I | 0.0016 | I | 0.099 | c | 0.46 | c | 0.0018 | c | 0.0077 | c | 0.0027 | c | | 0.0000055 | |
| . | Nitroso-di-N-butylamine, N | Change Effect | | | | | | | | | | | | | | 0.005 | | 0.03 | | | | | | | | | | |
| 621-64-7 | Nitroso-di-N-propylamine, N | Winter 2015 | | | 1 | 0.1 | | | | | | 7 | I | 0.002 | C | 0.076 | c | 0.33 | c | 0.0014 | c | 0.0061 | c | 0.011 | c | | 0.0000081 | |
| 621-64-7 | Nitroso-di-N-propylamine, N | Spring 2015 | | | 1 | 0.1 | | | | | | 7 | I | 0.002 | C | 0.078 | c | 0.33 | c | 0.0014 | c | 0.0061 | c | 0.011 | c | | 0.0000081 | |
| . | Nitroso-di-N-propylamine, N | Change Effect | | | | | | | | | | | | | | 0.002 | | | | | | | | | | | | |
| 62-75-9 | Nitrosodimethylamine, N | Winter 2015 | | M | 1 | 0.1 | | 0.000008 | P | 0.00004 | X | 51 | I | 0.014 | I | 0.0023 | c | 0.045 | c | 0.000072 | c | 0.00088 | c | 0.00049 | c | | 0.00000012 | |
| 62-75-9 | Nitrosodimethylamine, N | Spring 2015 | V | M | 1 | | 237000 | 0.000008 | P | 0.00004 | X | 51 | I | 0.014 | I | 0.002 | c | 0.034 | c | 0.000072 | c | 0.00088 | c | 0.00045 | c | | 0.00000011 | |
| . | Nitrosodimethylamine, N | Change Effect | X. | | | | | | | | | | | | | -0.0003 | | -0.011 | | | | | | | | | | |
| 10595-95-6 | Nitrosomethylethylamine, N | Winter 2015 | | | 1 | 0.1 | | | | | | 22 | I | 0.0063 | C | 0.024 | c | 0.1 | c | 0.0045 | c | 0.0019 | c | 0.0035 | c | | 0.000001 | |
| 10595-95-6 | Nitrosomethylethylamine, N | Spring 2015 | V | | 1 | | 108000 | | | | | 22 | I | 0.0063 | C | 0.02 | c | 0.091 | c | 0.00045 | c | 0.0019 | c | 0.00071 | c | | 0.0000002 | |
| . | Nitrosomethylethylamine, N | Change Effect | X. | | | | | | | | | | | | | -0.004 | | -0.009 | | | | | | -0.00279 | | | | |
| 59-89-2 | Nitrosomorpholine [N- | Winter 2015 | | | 1 | 0.1 | | | | | | 6.7 | C | 0.0019 | C | 0.079 | c | 0.34 | c | 0.0015 | c | 0.0065 | c | 0.012 | c | | 0.0000028 | |
| 59-89-2 | Nitrosomorpholine [N- | Spring 2015 | | | 1 | 0.1 | | | | | | 6.7 | C | 0.0019 | C | 0.081 | c | 0.34 | c | 0.0015 | c | 0.0065 | c | 0.012 | c | | 0.0000028 | |
| . | Nitrosomorpholine [N- | Change Effect | | | | | | | | | | | | | | 0.002 | | | | | | | | | | | | |
| 100-75-4 | Nitrosopiperidine [N- | Winter 2015 | | | 1 | 0.1 | | | | | | 9.4 | C | 0.0027 | C | 0.057 | c | 0.25 | c | 0.001 | c | 0.0045 | c | 0.0082 | c | | 0.0000044 | |
| 100-75-4 | Nitrosopiperidine [N- | Spring 2015 | | | 1 | 0.1 | | | | | | 9.4 | C | 0.0027 | C | 0.058 | c | 0.24 | c | 0.001 | c | 0.0045 | c | 0.0082 | c | | 0.0000044 | |
| . | Nitrosopiperidine [N- | Change Effect | | | | | | | | | | | | | | 0.001 | | -0.01 | | | | | | | | | | |
| 930-55-2 | Nitrosopyrrolidine, N | Winter 2015 | | | 1 | 0.1 | | | | | | 2.1 | I | 0.00061 | I | 0.25 | c | 1.1 | c | 0.0046 | c | 0.02 | c | 0.037 | c | | 0.000014 | |
| 930-55-2 | Nitrosopyrrolidine, N | Spring 2015 | | | 1 | 0.1 | | | | | | 2.1 | I | 0.00061 | I | 0.26 | c | 1.1 | c | 0.0046 | c | 0.02 | c | 0.037 | c | | 0.000014 | |
| . | Nitrosopyrrolidine, N | Change Effect | | | | | | | | | | | | | | 0.01 | | | | | | | | | | | | |
| 99-08-1 | Nitrotoluene, m | Winter 2015 | | | 1 | 0.1 | | 0.0001 | X | | | | | | | 6.2 | n | 82 | n | | | | | 1.7 | n | | 0.0016 | |
| 99-08-1 | Nitrotoluene, m | Spring 2015 | | | 1 | 0.1 | | 0.0001 | X | | | | | | | 6.3 | n | 82 | n | | | | | 1.7 | n | | 0.0016 | |
| . | Nitrotoluene, m | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 99-99-0 | Nitrotoluene, p | Winter 2015 | | | 1 | 0.1 | | 0.004 | P | | | 0.016 | P | | | 33 | c** | 140 | c* | | | | | 4.2 | c* | | 0.0039 | |
| 99-99-0 | Nitrotoluene, p | Spring 2015 | | | 1 | 0.1 | | 0.004 | P | | | 0.016 | P | | | 34 | c** | 140 | c* | | | | | 4.2 | c* | | 0.0039 | |
| . | Nitrotoluene, p | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 85509-19-9 | Nustar | Winter 2015 | | | 1 | 0.1 | | 0.0007 | I | | | | | | | 43 | n | 580 | n | | | | | 11 | n | | 1.8 | |
| 85509-19-9 | Nustar | Spring 2015 | | | 1 | 0.1 | | 0.0007 | I | | | | | | | 44 | n | 570 | n | | | | | 11 | n | | 1.8 | |
| . | Nustar | Change Effect | | | | | | | | | | | | | | 1 | | -10 | | | | | | | | | | |
| 32536-52-0 | Octabromodiphenyl Ethe | Winter 2015 | | | 1 | 0.1 | | 0.003 | I | | | | | | | 180 | n | 2500 | n | | | | | 60 | n | | 12 | |
| 32536-52-0 | Octabromodiphenyl Ethe | Spring 2015 | | | 1 | 0.1 | | 0.003 | I | | | | | | | 190 | n | 2500 | n | | | | | 60 | n | | 12 | |
| . | Octabromodiphenyl Ethe | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 2691-41-0 | Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX | Winter 2015 | | | 1 | 0.006 | | 0.05 | I | | | | | | | 3800 | n | 57000 | n | | | | | 1000 | n | | 1.3 | |
| 2691-41-0 | Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX | Spring 2015 | | | 1 | 0.006 | | 0.05 | I | | | | | | | 3900 | n | 57000 | n | | | | | 1000 | n | | 1.3 | |

| CAS | Chemica | Type of Observatior | v o c | mutagen | GIABS | ABS | Csat (mg/kg) | RfDo (mg/kg-day) | k e y_2 | RfCi (mg/m3) | k e y_3 | SFO (mg/kg-day)$^{-1}$ | k e y | IUR (ug/m3)$^{-1}$ | k e y_1 | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key_1 | Residen Air (ug/m$^3$) | key_2 | Industria Air (ug/m$^3$) | key_3 | Tapwater (ug/L) | key_4 | MCL (ug/L) | Risk-based SSL (mg/kg) | MCL-based SSL (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| . | Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HM | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 152-16-9 | Octamethylpyrophosphoramide | Winter 2015 | | | 1 | 0.1 | | 0.002 | H | | | | | | | 120 | n | 1600 | n | | | | | 40 | n | | 0.0096 | |
| 152-16-9 | Octamethylpyrophosphoramide | Spring 2015 | | | 1 | 0.1 | | 0.002 | H | | | | | | | 130 | n | 1600 | n | | | | | 40 | n | | 0.0096 | |
| . | Octamethylpyrophosphoramide | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 19044-88-3 | Oryzalin | Winter 2015 | | | 1 | 0.1 | | 0.05 | I | | | | | | | 3100 | n | 41000 | n | | | | | 810 | n | | 1.5 | |
| 19044-88-3 | Oryzalin | Spring 2015 | | | 1 | 0.1 | | 0.05 | I | | | | | | | 3200 | n | 41000 | n | | | | | 810 | n | | 1.5 | |
| . | Oryzalin | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 19666-30-9 | Oxadiazon | Winter 2015 | | | 1 | 0.1 | | 0.005 | I | | | | | | | 310 | n | 4100 | n | | | | | 47 | n | | 0.48 | |
| 19666-30-9 | Oxadiazon | Spring 2015 | | | 1 | 0.1 | | 0.005 | I | | | | | | | 320 | n | 4100 | n | | | | | 47 | n | | 0.48 | |
| . | Oxadiazon | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 23135-22-0 | Oxamyl | Winter 2015 | | | 1 | 0.1 | | 0.025 | I | | | | | | | 1500 | n | 21000 | n | | | | | 500 | n | 200 | 0.11 | 0.044 |
| 23135-22-0 | Oxamyl | Spring 2015 | | | 1 | 0.1 | | 0.025 | I | | | | | | | 1600 | n | 21000 | n | | | | | 500 | n | 200 | 0.11 | 0.044 |
| . | Oxamyl | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 76738-62-0 | Paclobutrazol | Winter 2015 | | | 1 | 0.1 | | 0.013 | I | | | | | | | 800 | n | 11000 | n | | | | | 230 | n | | 0.46 | |
| 76738-62-0 | Paclobutrazol | Spring 2015 | | | 1 | 0.1 | | 0.013 | I | | | | | | | 820 | n | 11000 | n | | | | | 230 | n | | 0.46 | |
| . | Paclobutrazol | Change Effect | | | | | | | | | | | | | | 20 | | | | | | | | | | | | |
| 56-38-2 | Parathion | Winter 2015 | | | 1 | 0.1 | | 0.006 | H | | | | | | | 370 | n | 4900 | n | | | | | 86 | n | | 0.43 | |
| 56-38-2 | Parathion | Spring 2015 | | | 1 | 0.1 | | 0.006 | H | | | | | | | 380 | n | 4900 | n | | | | | 86 | n | | 0.43 | |
| . | Parathion | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 1114-71-2 | Pebulate | Winter 2015 | | | 1 | 0.1 | | 0.05 | H | | | | | | | 3100 | n | 41000 | n | | | | | 560 | n | | 0.45 | |
| 1114-71-2 | Pebulate | Spring 2015 | V | | 1 | | | 0.05 | H | | | | | | | 3900 | n | 58000 | n | | | | | 560 | n | | 0.45 | |
| . | Pebulate | Change Effect | X. | | | | | | | | | | | | | 800 | | 17000 | | | | | | | | | | |
| 32534-81-9 | Pentabromodiphenyl Ethe | Winter 2015 | | | 1 | 0.1 | | 0.002 | I | | | | | | | 120 | n | 1600 | n | | | | | 40 | n | | 1.7 | |
| 32534-81-9 | Pentabromodiphenyl Ethe | Spring 2015 | | | 1 | 0.1 | | 0.002 | I | | | | | | | 130 | n | 1600 | n | | | | | 40 | n | | 1.7 | |
| . | Pentabromodiphenyl Ethe | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 60348-60-9 | Pentabromodiphenyl ether, 2,2',4,4',5,- (BDE-99 | Winter 2015 | | | 1 | 0.1 | | 0.0001 | I | | | | | | | 6.2 | n | 82 | n | | | | | 2 | n | | 0.087 | |
| 60348-60-9 | Pentabromodiphenyl ether, 2,2',4,4',5,- (BDE-99 | Spring 2015 | | | 1 | 0.1 | | 0.0001 | I | | | | | | | 6.3 | n | 82 | n | | | | | 2 | n | | 0.087 | |
| . | Pentabromodiphenyl ether, 2,2',4,4',5,- (BDE-99 | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 608-93-5 | Pentachlorobenzene | Winter 2015 | | | 1 | 0.1 | | 0.0008 | I | | | | | | | 49 | n | 660 | n | | | | | 3.2 | n | | 0.024 | |
| 608-93-5 | Pentachlorobenzene | Spring 2015 | V | | 1 | | | 0.0008 | I | | | | | | | 63 | n | 930 | n | | | | | 3.2 | n | | 0.024 | |
| . | Pentachlorobenzene | Change Effect | X. | | | | | | | | | | | | | 14 | | 270 | | | | | | | | | | |
| 76-01-7 | Pentachloroethane | Winter 2015 | | | 1 | 0.1 | | | | | | 0.09 | P | | | 5.9 | c | 26 | c | | | | | 0.64 | c | | 0.00031 | |
| 76-01-7 | Pentachloroethane | Spring 2015 | V | | 1 | | 447 | | | | | 0.09 | P | | | 7.7 | c | 36 | c | | | | | 0.64 | c | | 0.00031 | |
| . | Pentachloroethane | Change Effect | X. | | | | | | | | | | | | | 1.8 | | 10 | | | | | | | | | | |
| 82-68-8 | Pentachloronitrobenzene | Winter 2015 | | | 1 | 0.1 | | 0.003 | I | | | 0.26 | H | | | 2 | c* | 8.9 | c | | | | | 0.12 | c | | 0.0014 | |
| 82-68-8 | Pentachloronitrobenzene | Spring 2015 | V | | 1 | | | 0.003 | I | | | 0.26 | H | | | 2.7 | c* | 13 | c | | | | | 0.12 | c | | 0.0014 | |
| . | Pentachloronitrobenzene | Change Effect | X. | | | | | | | | | | | | | 0.7 | | 4.1 | | | | | | | | | | |
| 87-86-5 | Pentachlorophenol | Winter 2015 | | | 1 | 0.25 | | 0.005 | I | | | 0.4 | I | 0.0000051 | C | 0.99 | c | 4 | c | 0.55 | c | 2.4 | c | 0.04 | c | 1 | 0.0004 | 0.01 |
| 87-86-5 | Pentachlorophenol | Spring 2015 | | | 1 | 0.25 | | 0.005 | I | | | 0.4 | I | 0.0000051 | C | 1 | c | 4 | c | 0.55 | c | 2.4 | c | 0.04 | c | 1 | 0.0004 | 0.01 |
| . | Pentachlorophenol | Change Effect | | | | | | | | | | | | | | 0.01 | | | | | | | | | | | | |
| 78-11-5 | Pentaerythritol tetranitrate (PETN | Winter 2015 | | | 1 | 0.1 | | 0.002 | P | | | 0.004 | X | | | 120 | n | 580 | c** | | | | | 19 | c** | | 0.028 | |
| 78-11-5 | Pentaerythritol tetranitrate (PETN | Spring 2015 | | | 1 | 0.1 | | 0.002 | P | | | 0.004 | X | | | 130 | n | 570 | c** | | | | | 19 | c** | | 0.028 | |
| . | Pentaerythritol tetranitrate (PETN | Change Effect | | | | | | | | | | | | | | 10 | | -10 | | | | | | | | | | |
| 375-73-5 | Perfluorobutane Sulfonate | Winter 2015 | | | 1 | 0.1 | | 0.02 | P | | | | | | | 1200 | n | 16000 | n | | | | | 380 | n | | 0.21 | |
| 375-73-5 | Perfluorobutane Sulfonate | Spring 2015 | V | | 1 | | | 0.02 | P | | | | | | | 1600 | n | 23000 | n | | | | | 380 | n | | 0.21 | |
| . | Perfluorobutane Sulfonate | Change Effect | X. | | | | | | | | | | | | | 400 | | 7000 | | | | | | | | | | |
| 52645-53-1 | Permethrin | Winter 2015 | | | 1 | 0.1 | | 0.05 | I | | | | | | | 3100 | n | 41000 | n | | | | | 1000 | n | | 240 | |
| 52645-53-1 | Permethrin | Spring 2015 | | | 1 | 0.1 | | 0.05 | I | | | | | | | 3200 | n | 41000 | n | | | | | 1000 | n | | 240 | |
| . | Permethrin | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 62-44-2 | Phenacetin | Winter 2015 | | | 1 | 0.1 | | | | | | 0.0022 | C | 0.00000063 | C | 240 | c | 1000 | c | 4.5 | c | 19 | c | 34 | c | | 0.0097 | |
| 62-44-2 | Phenacetin | Spring 2015 | | | 1 | 0.1 | | | | | | 0.0022 | C | 0.00000063 | C | 250 | c | 1000 | c | 4.5 | c | 19 | c | 34 | c | | 0.0097 | |
| . | Phenacetin | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 13684-63-4 | Phenmedipham | Winter 2015 | | | 1 | 0.1 | | 0.25 | I | | | | | | | 15000 | n | 210000 | nm | | | | | 4000 | n | | 21 | |
| 13684-63-4 | Phenmedipham | Spring 2015 | | | 1 | 0.1 | | 0.25 | I | | | | | | | 16000 | n | 210000 | nm | | | | | 4000 | n | | 21 | |
| . | Phenmedipham | Change Effect | | | | | | | | | | | | | | 1000 | | | | | | | | | | | | |
| 108-95-2 | Phenol | Winter 2015 | | | 1 | 0.1 | | 0.3 | I | 0.2 | C | | | | | 18000 | n | 250000 | nm | 210 | n | 880 | n | 5800 | n | | 3.3 | |
| 108-95-2 | Phenol | Spring 2015 | | | 1 | 0.1 | | 0.3 | I | 0.2 | C | | | | | 19000 | n | 250000 | nm | 210 | n | 880 | n | 5800 | n | | 3.3 | |
| . | Phenol | Change Effect | | | | | | | | | | | | | | 1000 | | | | | | | | | | | | |
| 92-84-2 | Phenothiazine | Winter 2015 | | | 1 | 0.1 | | 0.0005 | X | | | | | | | 31 | n | 410 | n | | | | | 4.3 | n | | 0.014 | |
| 92-84-2 | Phenothiazine | Spring 2015 | | | 1 | 0.1 | | 0.0005 | X | | | | | | | 32 | n | 410 | n | | | | | 4.3 | n | | 0.014 | |
| . | Phenothiazine | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 108-45-2 | Phenylenediamine, m- | Winter 2015 | | | 1 | 0.1 | | 0.006 | I | | | | | | | 370 | n | 4900 | n | | | | | 120 | n | | 0.032 | |
| 108-45-2 | Phenylenediamine, m- | Spring 2015 | | | 1 | 0.1 | | 0.006 | I | | | | | | | 380 | n | 4900 | n | | | | | 120 | n | | 0.032 | |
| . | Phenylenediamine, m- | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 95-54-5 | Phenylenediamine, o- | Winter 2015 | | | 1 | 0.1 | | | | | | 0.047 | H | | | 11 | c | 49 | c | | | | | 1.6 | c | | 0.00044 | |
| 95-54-5 | Phenylenediamine, o- | Spring 2015 | | | 1 | 0.1 | | | | | | 0.047 | H | | | 12 | c | 49 | c | | | | | 1.6 | c | | 0.00044 | |
| . | Phenylenediamine, o- | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 90-43-7 | Phenylphenol, 2- | Winter 2015 | | | 1 | 0.1 | | | | | | 0.0019 | H | | | 270 | c | 1200 | c | | | | | 30 | c | | 0.4 | |
| 90-43-7 | Phenylphenol, 2- | Spring 2015 | | | 1 | 0.1 | | | | | | 0.0019 | H | | | 280 | c | 1200 | c | | | | | 30 | c | | 0.4 | |
| . | Phenylphenol, 2- | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 298-02-2 | Phorate | Winter 2015 | | | 1 | 0.1 | | 0.0002 | H | | | | | | | 12 | n | 160 | n | | | | | 3 | n | | 0.0034 | |
| 298-02-2 | Phorate | Spring 2015 | | | 1 | 0.1 | | 0.0002 | H | | | | | | | 13 | n | 160 | n | | | | | 3 | n | | 0.0034 | |
| . | Phorate | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 732-11-6 | Phosmet | Winter 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1200 | n | 16000 | n | | | | | 370 | n | | 0.082 | |
| 732-11-6 | Phosmet | Spring 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1300 | n | 16000 | n | | | | | 370 | n | | 0.082 | |
| . | Phosmet | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 7803-51-2 | Phosphine | Winter 2015 | | | 1 | | | 0.0003 | I | 0.0003 | I | | | | | 23 | n | 350 | n | 0.31 | n | 1.3 | n | 6 | n | | | |
| 7803-51-2 | Phosphine | Spring 2015 | V | | 1 | | | 0.0003 | I | 0.0003 | I | | | | | 23 | n | 350 | n | 0.31 | n | 1.3 | n | 0.57 | n | | | |
| . | Phosphine | Change Effect | X. | | | | | | | | | | | | | | | | | | | | | -5.43 | | | | |
| 7723-14-0 | Phosphorus, White | Winter 2015 | | | 1 | | | 0.00002 | I | | | | | | | 1.6 | n | 23 | n | | | | | 0.4 | n | | 0.0015 | |
| 7723-14-0 | Phosphorus, White | Spring 2015 | V | | 1 | | | 0.00002 | I | | | | | | | 1.6 | n | 23 | n | | | | | 0.4 | n | | 0.0015 | |
| . | Phosphorus, White | Change Effect | X. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1918-02-1 | Picloram | Winter 2015 | | | 1 | 0.1 | | 0.07 | I | | | | | | | 4300 | n | 58000 | n | | | | | 1400 | n | 500 | 0.38 | 0.14 |
| 1918-02-1 | Picloram | Spring 2015 | | | 1 | 0.1 | | 0.07 | I | | | | | | | 4400 | n | 57000 | n | | | | | 1400 | n | 500 | 0.38 | 0.14 |
| . | Picloram | Change Effect | | | | | | | | | | | | | | 100 | | -1000 | | | | | | | | | | |
| 96-91-3 | Picramic Acid (2-Amino-4,6-dinitropheno | Winter 2015 | | | 1 | 0.1 | | 0.0001 | X | | | | | | | 6.2 | n | 82 | n | | | | | 2 | n | | 0.0013 | |
| 96-91-3 | Picramic Acid (2-Amino-4,6-dinitropheno | Spring 2015 | | | 1 | 0.1 | | 0.0001 | X | | | | | | | 6.3 | n | 82 | n | | | | | 2 | n | | 0.0013 | |
| . | Picramic Acid (2-Amino-4,6-dinitropheno | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 29232-93-7 | Pirimiphos, Methy | Winter 2015 | | | 1 | 0.1 | | 0.01 | I | | | | | | | 620 | n | 8200 | n | | | | | 120 | n | | 0.12 | |
| 29232-93-7 | Pirimiphos, Methy | Spring 2015 | | | 1 | 0.1 | | 0.01 | I | | | | | | | 630 | n | 8200 | n | | | | | 120 | n | | 0.12 | |
| . | Pirimiphos, Methy | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 29420-49-3 | Potassium Perfluorobutane Sulfonate | Winter 2015 | | | 1 | 0.1 | | 0.02 | P | | | | | | | 1200 | n | 16000 | n | | | | | 400 | n | | | |
| 29420-49-3 | Potassium Perfluorobutane Sulfonate | Spring 2015 | | | 1 | 0.1 | | 0.02 | P | | | | | | | 1300 | n | 16000 | n | | | | | 400 | n | | | |
| . | Potassium Perfluorobutane Sulfonate | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 26399-36-0 | Profluralin | Winter 2015 | | | 1 | 0.1 | | 0.006 | H | | | | | | | 370 | n | 4900 | n | | | | | 26 | n | | 1.6 | |
| 26399-36-0 | Profluralin | Spring 2015 | V | | 1 | | | 0.006 | H | | | | | | | 470 | n | 7000 | n | | | | | 26 | n | | 1.6 | |
| . | Profluralin | Change Effect | X. | | | | | | | | | | | | | 100 | | 2100 | | | | | | | | | | |
| 1610-18-0 | Prometon | Winter 2015 | | | 1 | 0.1 | | 0.015 | I | | | | | | | 920 | n | 12000 | n | | | | | 250 | n | | 0.12 | |
| 1610-18-0 | Prometon | Spring 2015 | | | 1 | 0.1 | | 0.015 | I | | | | | | | 950 | n | 12000 | n | | | | | 250 | n | | 0.12 | |
| . | Prometon | Change Effect | | | | | | | | | | | | | | 30 | | | | | | | | | | | | |
| 1918-16-7 | Propachlor | Winter 2015 | | | 1 | 0.1 | | 0.013 | I | | | | | | | 800 | n | 11000 | n | | | | | 250 | n | | 0.15 | |
| 1918-16-7 | Propachlor | Spring 2015 | | | 1 | 0.1 | | 0.013 | I | | | | | | | 820 | n | 11000 | n | | | | | 250 | n | | 0.15 | |
| . | Propachlor | Change Effect | | | | | | | | | | | | | | 20 | | | | | | | | | | | | |
| 709-98-8 | Propanil | Winter 2015 | | | 1 | 0.1 | | 0.005 | I | | | | | | | 310 | n | 4100 | n | | | | | 82 | n | | 0.045 | |
| 709-98-8 | Propanil | Spring 2015 | | | 1 | 0.1 | | 0.005 | I | | | | | | | 320 | n | 4100 | n | | | | | 82 | n | | 0.045 | |
| . | Propanil | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 2312-35-8 | Propargite | Winter 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1200 | n | 16000 | n | | | | | 160 | n | | 12 | |
| 2312-35-8 | Propargite | Spring 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1300 | n | 16000 | n | | | | | 160 | n | | 12 | |
| . | Propargite | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 107-19-7 | Propargyl Alcoho | Winter 2015 | | | 1 | 0.1 | | 0.002 | I | | | | | | | 120 | n | 1600 | n | | | | | 40 | n | | 0.0081 | |
| 107-19-7 | Propargyl Alcoho | Spring 2015 | V | | 1 | | 111000 | 0.002 | I | | | | | | | 160 | n | 2300 | n | | | | | 40 | n | | 0.0081 | |
| . | Propargyl Alcoho | Change Effect | X. | | | | | | | | | | | | | 40 | | 700 | | | | | | | | | | |

| CAS | Chemica | Type of Observatior | v o c | mutagen | GIABS | ABS | Csat (mg/kg) | RfDo (mg/kg-day) | k e y_2 | RfCi (mg/m3) | k e y_3 | SFO (mg/kg-day)$^{-1}$ | k e y | IUR (ug/m3)$^{-1}$ | k e y_1 | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key_1 | Resident Air (ug/m$^3$) | key_2 | Industria Air (ug/m$^3$) | key_3 | Tapwater (ug/L) | key_4 | MCL (ug/L) | Risk-based SSL (mg/kg) | MCL-based SSL (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 139-40-2 | Propazine | Winter 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1200 | n | 16000 | n | | | | | 340 | n | | 0.3 | |
| 139-40-2 | Propazine | Spring 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1300 | n | 16000 | n | | | | | 340 | n | | 0.3 | |
| . | Propazine | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 122-42-9 | Propham | Winter 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1200 | n | 16000 | n | | | | | 350 | n | | 0.22 | |
| 122-42-9 | Propham | Spring 2015 | | | 1 | 0.1 | | 0.02 | I | | | | | | | 1300 | n | 16000 | n | | | | | 350 | n | | 0.22 | |
| . | Propham | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 60207-90-1 | Propiconazole | Winter 2015 | | | 1 | 0.1 | | 0.013 | I | | | | | | | 800 | n | 11000 | n | | | | | 210 | n | | 0.69 | |
| 60207-90-1 | Propiconazole | Spring 2015 | | | 1 | 0.1 | | 0.013 | I | | | | | | | 820 | n | 11000 | n | | | | | 210 | n | | 0.69 | |
| . | Propiconazole | Change Effect | | | | | | | | | | | | | | 20 | | | | | | | | | | | | |
| 103-65-1 | Propyl benzene | Winter 2015 | V | | 1 | 0.1 | 264 | 0.1 | X | 1 | X | | | | | 3300 | ns | 22000 | ns | 1000 | n | 4400 | n | 660 | n | | 1.2 | |
| 103-65-1 | Propyl benzene | Spring 2015 | V | | 1 | | 264 | 0.1 | X | 1 | X | | | | | 3800 | ns | 24000 | ns | 1000 | n | 4400 | n | 660 | n | | 1.2 | |
| . | Propyl benzene | Change Effect | | | | | | | | | | | | | | 500 | | 2000 | | | | | | | | | | |
| 115-07-1 | Propylene | Winter 2015 | V | | 1 | 0.1 | 349 | | | 3 | C | | | | | 2200 | ns | 9300 | ns | 3100 | n | 13000 | n | 6300 | n | | 6 | |
| 115-07-1 | Propylene | Spring 2015 | V | | 1 | | 349 | | | 3 | C | | | | | 2200 | ns | 9300 | ns | 3100 | n | 13000 | n | 6300 | n | | 6 | |
| . | Propylene | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 57-55-6 | Propylene Glyco | Winter 2015 | | | 1 | 0.1 | | 20 | P | | | | | | | 1200000 | nm | 16000000 | nm | | | | | 400000 | n | | 81 | |
| 57-55-6 | Propylene Glyco | Spring 2015 | | | 1 | 0.1 | | 20 | P | | | | | | | 1300000 | nm | 16000000 | nm | | | | | 400000 | n | | 81 | |
| . | Propylene Glyco | Change Effect | | | | | | | | | | | | | | 100000 | | | | | | | | | | | | |
| 1569-02-4 | Propylene Glycol Monoethyl Ethe | Winter 2015 | | | 1 | 0.1 | | 0.7 | H | | | | | | | 43000 | n | 580000 | nm | | | | | 14000 | n | | 2.8 | |
| 1569-02-4 | Propylene Glycol Monoethyl Ethe | Spring 2015 | V | | 1 | | 85200 | 0.7 | H | | | | | | | 55000 | n | 820000 | nms | | | | | 14000 | n | | 2.8 | |
| . | Propylene Glycol Monoethyl Ethe | Change Effect | X. | | | | | | | | | | | | | 12000 | | 240000 | X. | | | | | | | | | |
| 107-98-2 | Propylene Glycol Monomethyl Ethe | Winter 2015 | | | 1 | 0.1 | | 0.7 | H | 2 | I | | | | | 43000 | n | 580000 | nm | 2100 | n | 8800 | n | 14000 | n | | 2.8 | |
| 107-98-2 | Propylene Glycol Monomethyl Ethe | Spring 2015 | V | | 1 | | 106000 | 0.7 | H | 2 | I | | | | | 41000 | n | 370000 | nms | 2100 | n | 8800 | n | 3200 | n | | 0.65 | |
| . | Propylene Glycol Monomethyl Ethe | Change Effect | X. | | | | | | | | | | | | | -2000 | | -210000 | X. | | | | | -10800 | | | -2.15 | |
| 81335-77-5 | Pursuit | Winter 2015 | | | 1 | 0.1 | | 0.25 | I | | | | | | | 15000 | n | 210000 | nm | | | | | 4700 | n | | 4.1 | |
| 81335-77-5 | Pursuit | Spring 2015 | | | 1 | 0.1 | | 0.25 | I | | | | | | | 16000 | n | 210000 | nm | | | | | 4700 | n | | 4.1 | |
| . | Pursuit | Change Effect | | | | | | | | | | | | | | 1000 | | | | | | | | | | | | |
| 51630-58-1 | Pydrin | Winter 2015 | | | 1 | 0.1 | | 0.025 | I | | | | | | | 1500 | n | 21000 | n | | | | | 500 | n | | 320 | |
| 51630-58-1 | Pydrin | Spring 2015 | | | 1 | 0.1 | | 0.025 | I | | | | | | | 1600 | n | 21000 | n | | | | | 500 | n | | 320 | |
| . | Pydrin | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 13593-03-8 | Quinalphos | Winter 2015 | | | 1 | 0.1 | | 0.0005 | I | | | | | | | 31 | n | 410 | n | | | | | 5.1 | n | | 0.043 | |
| 13593-03-8 | Quinalphos | Spring 2015 | | | 1 | 0.1 | | 0.0005 | I | | | | | | | 32 | n | 410 | n | | | | | 5.1 | n | | 0.043 | |
| . | Quinalphos | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 10453-86-8 | Resmethrin | Winter 2015 | | | 1 | 0.1 | | 0.03 | I | | | | | | | 1800 | n | 25000 | n | | | | | 67 | n | | 42 | |
| 10453-86-8 | Resmethrin | Spring 2015 | | | 1 | 0.1 | | 0.03 | I | | | | | | | 1900 | n | 25000 | n | | | | | 67 | n | | 42 | |
| . | Resmethrin | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 299-84-3 | Ronnel | Winter 2015 | | | 1 | 0.1 | | 0.05 | H | | | | | | | 3100 | n | 41000 | n | | | | | 410 | n | | 3.7 | |
| 299-84-3 | Ronnel | Spring 2015 | V | | 1 | | | 0.05 | H | | | | | | | 3900 | n | 58000 | n | | | | | 410 | n | | 3.7 | |
| . | Ronnel | Change Effect | X. | | | | | | | | | | | | | 800 | | 17000 | | | | | | | | | | |
| 94-59-7 | Safrole | Winter 2015 | | M | 1 | 0.1 | | | | | | 0.22 | C | 0.000063 | C | 0.54 | c | 10 | c | 0.016 | c | 0.19 | c | 0.095 | c | | 0.000059 | |
| 94-59-7 | Safrole | Spring 2015 | | M | 1 | 0.1 | | | | | | 0.22 | C | 0.000063 | C | 0.55 | c | 10 | c | 0.016 | c | 0.19 | c | 0.095 | c | | 0.000059 | |
| . | Safrole | Change Effect | | | | | | | | | | | | | | 0.01 | | | | | | | | | | | | |
| 78587-05-0 | Savey | Winter 2015 | | | 1 | 0.1 | | 0.025 | I | | | | | | | 1500 | n | 21000 | n | | | | | 110 | n | | 0.5 | |
| 78587-05-0 | Savey | Spring 2015 | | | 1 | 0.1 | | 0.025 | I | | | | | | | 1600 | n | 21000 | n | | | | | 110 | n | | 0.5 | |
| . | Savey | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 74051-80-2 | Sethoxydim | Winter 2015 | | | 1 | 0.1 | | 0.09 | I | | | | | | | 5500 | n | 74000 | n | | | | | 1000 | n | | 9.3 | |
| 74051-80-2 | Sethoxydim | Spring 2015 | | | 1 | 0.1 | | 0.09 | I | | | | | | | 5700 | n | 74000 | n | | | | | 1000 | n | | 9.3 | |
| . | Sethoxydim | Change Effect | | | | | | | | | | | | | | 200 | | | | | | | | | | | | |
| 122-34-9 | Simazine | Winter 2015 | | | 1 | 0.1 | | 0.005 | I | | | 0.12 | H | | | 4.4 | c* | 19 | c | | | | | 0.61 | c | 4 | 0.0003 | 0.002 |
| 122-34-9 | Simazine | Spring 2015 | | | 1 | 0.1 | | 0.005 | I | | | 0.12 | H | | | 4.5 | c* | 19 | c | | | | | 0.61 | c | 4 | 0.0003 | 0.002 |
| . | Simazine | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 62476-59-9 | Sodium Acifluorfen | Winter 2015 | | | 1 | 0.1 | | 0.013 | I | | | | | | | 800 | n | 11000 | n | | | | | 260 | n | | 2.1 | |
| 62476-59-9 | Sodium Acifluorfen | Spring 2015 | | | 1 | 0.1 | | 0.013 | I | | | | | | | 820 | n | 11000 | n | | | | | 260 | n | | 2.1 | |
| . | Sodium Acifluorfen | Change Effect | | | | | | | | | | | | | | 20 | | | | | | | | | | | | |
| 148-18-5 | Sodium Diethyldithiocarbamate | Winter 2015 | | | 1 | 0.1 | | 0.03 | I | | | 0.27 | H | | | 2 | c | 8.6 | c | | | | | 0.29 | c | | | |
| 148-18-5 | Sodium Diethyldithiocarbamate | Spring 2015 | | | 1 | 0.1 | | 0.03 | I | | | 0.27 | H | | | 2 | c | 8.5 | c | | | | | 0.29 | c | | | |
| . | Sodium Diethyldithiocarbamate | Change Effect | | | | | | | | | | | | | | | | -0.1 | | | | | | | | | | |
| 62-74-8 | Sodium Fluoroacetate | Winter 2015 | | | 1 | 0.1 | | 0.00002 | I | | | | | | | 1.2 | n | 16 | n | | | | | 0.4 | n | | 0.000081 | |
| 62-74-8 | Sodium Fluoroacetate | Spring 2015 | | | 1 | 0.1 | | 0.00002 | I | | | | | | | 1.3 | n | 16 | n | | | | | 0.4 | n | | 0.000081 | |
| . | Sodium Fluoroacetate | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 961-11-5 | Stirofos (Tetrachlorovinphos | Winter 2015 | | | 1 | 0.1 | | 0.03 | I | | | 0.024 | H | | | 22 | c* | 96 | c | | | | | 2.8 | c | | 0.0081 | |
| 961-11-5 | Stirofos (Tetrachlorovinphos | Spring 2015 | | | 1 | 0.1 | | 0.03 | I | | | 0.024 | H | | | 23 | c* | 96 | c | | | | | 2.8 | c | | 0.0081 | |
| . | Stirofos (Tetrachlorovinphos | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 57-24-9 | Strychnine | Winter 2015 | | | 1 | 0.1 | | 0.0003 | I | | | | | | | 18 | n | 250 | n | | | | | 5.9 | n | | 0.065 | |
| 57-24-9 | Strychnine | Spring 2015 | | | 1 | 0.1 | | 0.0003 | I | | | | | | | 19 | n | 250 | n | | | | | 5.9 | n | | 0.065 | |
| . | Strychnine | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| NA | Styrene-Acrylonitrile (SAN) Trime | Winter 2015 | | | 1 | 0.1 | | 0.003 | P | | | | | | | 180 | n | 2500 | n | | | | | 60 | n | | | |
| NA | Styrene-Acrylonitrile (SAN) Trime | Spring 2015 | | | 1 | 0.1 | | 0.003 | P | | | | | | | 190 | n | 2500 | n | | | | | 48 | n | | | |
| . | Styrene-Acrylonitrile (SAN) Trime | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | -12 | | | | |
| 126-33-0 | Sulfolane | Winter 2015 | | | 1 | 0.1 | | 0.001 | P | 0.002 | X | | | | | 62 | n | 820 | n | 2.1 | n | 8.8 | n | 20 | n | | 0.0044 | |
| 126-33-0 | Sulfolane | Spring 2015 | | | 1 | 0.1 | | 0.001 | P | 0.002 | X | | | | | 63 | n | 820 | n | 2.1 | n | 8.8 | n | 20 | n | | 0.0044 | |
| . | Sulfolane | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 80-07-9 | Sulfonylbis(4-chlorobenzene), 1,1' | Winter 2015 | | | 1 | 0.1 | | 0.0008 | P | | | | | | | 49 | n | 660 | n | | | | | 11 | n | | 0.065 | |
| 80-07-9 | Sulfonylbis(4-chlorobenzene), 1,1' | Spring 2015 | | | 1 | 0.1 | | 0.0008 | P | | | | | | | 51 | n | 660 | n | | | | | 11 | n | | 0.065 | |
| . | Sulfonylbis(4-chlorobenzene), 1,1' | Change Effect | | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| 7446-11-9 | Sulfur Trioxide | Winter 2015 | | | 1 | | | | | 0.001 | C | | | | | 1400000 | nm | 6000000 | nm | 1 | n | 4.4 | n | | | | | |
| 7446-11-9 | Sulfur Trioxide | Spring 2015 | V | | 1 | | | | | 0.001 | C | | | | | 1400000 | nm | 6000000 | nm | 1 | n | 4.4 | n | 2.1 | n | | | |
| . | Sulfur Trioxide | Change Effect | X. | | | | | | | | | | | | | | | | | | | | | X. | | | | |
| 88671-89-0 | Systhane | Winter 2015 | | | 1 | 0.1 | | 0.025 | I | | | | | | | 1500 | n | 21000 | n | | | | | 450 | n | | 5.6 | |
| 88671-89-0 | Systhane | Spring 2015 | | | 1 | 0.1 | | 0.025 | I | | | | | | | 1600 | n | 21000 | n | | | | | 450 | n | | 5.6 | |
| . | Systhane | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 21564-17-0 | TCMTB | Winter 2015 | | | 1 | 0.1 | | 0.03 | H | | | | | | | 1800 | n | 25000 | n | | | | | 480 | n | | 3.3 | |
| 21564-17-0 | TCMTB | Spring 2015 | | | 1 | 0.1 | | 0.03 | H | | | | | | | 1900 | n | 25000 | n | | | | | 480 | n | | 3.3 | |
| . | TCMTB | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 34014-18-1 | Tebuthiuron | Winter 2015 | | | 1 | 0.1 | | 0.07 | I | | | | | | | 4300 | n | 58000 | n | | | | | 1400 | n | | 0.39 | |
| 34014-18-1 | Tebuthiuron | Spring 2015 | | | 1 | 0.1 | | 0.07 | I | | | | | | | 4400 | n | 57000 | n | | | | | 1400 | n | | 0.39 | |
| . | Tebuthiuron | Change Effect | | | | | | | | | | | | | | 100 | | -1000 | | | | | | | | | | |
| 3383-96-8 | Temephos | Winter 2015 | | | 1 | 0.1 | | 0.02 | H | | | | | | | 1200 | n | 16000 | n | | | | | 400 | n | | 76 | |
| 3383-96-8 | Temephos | Spring 2015 | | | 1 | 0.1 | | 0.02 | H | | | | | | | 1300 | n | 16000 | n | | | | | 400 | n | | 76 | |
| . | Temephos | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 5902-51-2 | Terbacil | Winter 2015 | | | 1 | 0.1 | | 0.013 | I | | | | | | | 800 | n | 11000 | n | | | | | 250 | n | | 0.075 | |
| 5902-51-2 | Terbacil | Spring 2015 | | | 1 | 0.1 | | 0.013 | I | | | | | | | 820 | n | 11000 | n | | | | | 250 | n | | 0.075 | |
| . | Terbacil | Change Effect | | | | | | | | | | | | | | 20 | | | | | | | | | | | | |
| 13071-79-9 | Terbufos | Winter 2015 | | | 1 | 0.1 | | 0.000025 | H | | | | | | | 1.5 | n | 21 | n | | | | | 0.24 | n | | 0.00052 | |
| 13071-79-9 | Terbufos | Spring 2015 | V | | 1 | | 30.9 | 0.000025 | H | | | | | | | 2 | n | 29 | n | | | | | 0.24 | n | | 0.00052 | |
| . | Terbufos | Change Effect | X. | | | | | | | | | | | | | 0.5 | | 8 | | | | | | | | | | |
| 886-50-0 | Terbutryn | Winter 2015 | | | 1 | 0.1 | | 0.001 | I | | | | | | | 62 | n | 820 | n | | | | | 13 | n | | 0.019 | |
| 886-50-0 | Terbutryn | Spring 2015 | | | 1 | 0.1 | | 0.001 | I | | | | | | | 63 | n | 820 | n | | | | | 13 | n | | 0.019 | |
| . | Terbutryn | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 5436-43-1 | Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47 | Winter 2015 | | | 1 | 0.1 | | 0.0001 | I | | | | | | | 6.2 | n | 82 | n | | | | | 2 | n | | 0.053 | |
| 5436-43-1 | Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47 | Spring 2015 | | | 1 | 0.1 | | 0.0001 | I | | | | | | | 6.3 | n | 82 | n | | | | | 2 | n | | 0.053 | |
| . | Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47 | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 95-94-3 | Tetrachlorobenzene, 1,2,4,5 | Winter 2015 | | | 1 | 0.1 | | 0.0003 | I | | | | | | | 18 | n | 250 | n | | | | | 1.7 | n | | 0.0079 | |
| 95-94-3 | Tetrachlorobenzene, 1,2,4,5 | Spring 2015 | V | | 1 | | | 0.0003 | I | | | | | | | 23 | n | 350 | n | | | | | 1.7 | n | | 0.0079 | |
| . | Tetrachlorobenzene, 1,2,4,5 | Change Effect | X. | | | | | | | | | | | | | 5 | | 100 | | | | | | | | | | |
| 58-90-2 | Tetrachlorophenol, 2,3,4,6 | Winter 2015 | | | 1 | 0.1 | | 0.03 | I | | | | | | | 1800 | n | 25000 | n | | | | | 240 | n | | 1.5 | |
| 58-90-2 | Tetrachlorophenol, 2,3,4,6 | Spring 2015 | | | 1 | 0.1 | | 0.03 | I | | | | | | | 1900 | n | 25000 | n | | | | | 240 | n | | 1.5 | |
| . | Tetrachlorophenol, 2,3,4,6 | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 5216-25-1 | Tetrachlorotoluene, p- alpha, alpha, alpha | Winter 2015 | | | 1 | 0.1 | | | | | | 20 | H | | | 0.027 | c | 0.12 | c | | | | | 0.0013 | c | | 0.0000044 | |
| 5216-25-1 | Tetrachlorotoluene, p- alpha, alpha, alpha | Spring 2015 | V | | 1 | | | | | | | 20 | H | | | 0.035 | c | 0.16 | c | | | | | 0.0013 | c | | 0.0000044 | |
| . | Tetrachlorotoluene, p- alpha, alpha, alpha | Change Effect | X. | | | | | | | | | | | | | 0.008 | | 0.04 | | | | | | | | | | |
| 3689-24-5 | Tetraethyl Dithiopyrophosphat | Winter 2015 | | | 1 | 0.1 | | 0.0005 | I | | | | | | | 31 | n | 410 | n | | | | | 7.1 | n | | 0.0052 | |

| CAS | Chemica | Type of Observatior | v o c | mutagen | GIABS | ABS | Csat (mg/kg) | RfDo (mg/kg-day) | k e y_2 | RfCi (mg/m3) | k e y_3 | SFO (mg/kg-day)$^{-1}$ | k e y | IUR (ug/m3)$^{-1}$ | k e y_1 | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key_1 | Residen Air (ug/m$^3$) | key_2 | Industria Air (ug/m$^3$) | key_3 | Tapwater (ug/L) | key_4 | MCL (ug/L) | Risk-based SSL (mg/kg) | MCL-based SSL (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3689-24-5 | Tetraethyl Dithiopyrophosphat | Spring 2015 | | | 1 | 0.1 | | 0.0005 I | | | | | | | | 32 n | | 410 n | | | | | | 7.1 n | | | 0.0052 | |
| . | Tetraethyl Dithiopyrophosphat | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 479-45-8 | Tetryl (Trinitrophenylmethylnitramine | Winter 2015 | | | 1 | 0.1 | | 0.002 P | | | | | | | | 120 n | | 1600 n | | | | | | 39 n | | | 0.37 | |
| 479-45-8 | Tetryl (Trinitrophenylmethylnitramine | Spring 2015 | | | 1 | 0.0007 | | 0.002 P | | | | | | | | 160 n | | 2300 n | | | | | | 39 n | | | 0.37 | |
| . | Tetryl (Trinitrophenylmethylnitramine | Change Effect | | | | -0.099 | | | | | | | | | | 40 | | 700 | | | | | | | | | | |
| 563-68-8 | Thallium Acetate | Winter 2015 | | | 1 | | | 0.000006 X | | | | | | | | 0.47 n | | 7 n | | | | | | 0.12 n | | | | |
| 563-68-8 | Thallium Acetate | Spring 2015 | V | | 1 | 0.1 | | 0.000006 X | | | | | | | | 0.38 n | | 4.9 n | | | | | | 0.12 n | | | | |
| . | Thallium Acetate | Change Effect | X. | | | | | | | | | | | | | -0.09 | | -2.1 | | | | | | | | | | |
| 6533-73-9 | Thallium Carbonate | Winter 2015 | | | 1 | | | 0.00002 X | | | | | | | | 1.6 n | | 23 n | | | | | | 0.4 n | | | | |
| 6533-73-9 | Thallium Carbonate | Spring 2015 | | | 1 | 0.1 | | 0.00002 X | | | | | | | | 1.3 n | | 16 n | | | | | | 0.4 n | | | | |
| . | Thallium Carbonate | Change Effect | | | | | | | | | | | | | | -0.3 | | -7 | | | | | | | | | | |
| 28249-77-6 | Thiobencarb | Winter 2015 | | | 1 | 0.1 | | 0.01 I | | | | | | | | 620 n | | 8200 n | | | | | | 160 n | | | 0.55 | |
| 28249-77-6 | Thiobencarb | Spring 2015 | | | 1 | 0.1 | | 0.01 I | | | | | | | | 630 n | | 8200 n | | | | | | 160 n | | | 0.55 | |
| . | Thiobencarb | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 39196-18-4 | Thiofanox | Winter 2015 | | | 1 | 0.1 | | 0.0003 H | | | | | | | | 18 n | | 250 n | | | | | | 5.3 n | | | 0.0018 | |
| 39196-18-4 | Thiofanox | Spring 2015 | | | 1 | 0.1 | | 0.0003 H | | | | | | | | 19 n | | 250 n | | | | | | 5.3 n | | | 0.0018 | |
| . | Thiofanox | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 23564-05-8 | Thiophanate, Methy | Winter 2015 | | | 1 | 0.1 | | 0.08 I | | | | | | | | 4900 n | | 66000 n | | | | | | 1600 n | | | 1.4 | |
| 23564-05-8 | Thiophanate, Methy | Spring 2015 | | | 1 | 0.1 | | 0.08 I | | | | | | | | 5100 n | | 66000 n | | | | | | 1600 n | | | 1.4 | |
| . | Thiophanate, Methy | Change Effect | | | | | | | | | | | | | | 200 | | | | | | | | | | | | |
| 137-26-8 | Thiram | Winter 2015 | | | 1 | 0.1 | | 0.005 I | | | | | | | | 310 n | | 4100 n | | | | | | 98 n | | | 0.14 | |
| 137-26-8 | Thiram | Spring 2015 | | | 1 | 0.1 | | 0.005 I | | | | | | | | 320 n | | 4100 n | | | | | | 98 n | | | 0.14 | |
| . | Thiram | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 7550-45-0 | Titanium Tetrachloride | Winter 2015 | | | 1 | | | | | 0.0001 A | | | | | | 140000 nm | | 600000 nm | | 0.1 n | | 0.44 n | | | | | | |
| 7550-45-0 | Titanium Tetrachloride | Spring 2015 | V | | 1 | | | | | 0.0001 A | | | | | | 140000 nm | | 600000 nm | | 0.1 n | | 0.44 n | | 0.21 n | | | | |
| . | Titanium Tetrachloride | Change Effect | X. | | | | | | | | | | | | | | | | | | | | | | X. | | | |
| 8001-35-2 | Toxaphene | Winter 2015 | | | 1 | 0.1 | | | | | | 1.1 I | | 0.00032 I | | 0.48 c | | 2.1 c | | 0.0088 c | | 0.038 c | | 0.015 c | 3 | | 0.0024 | 0.46 |
| 8001-35-2 | Toxaphene | Spring 2015 | | | 1 | 0.1 | | | | | | 1.1 I | | 0.00032 I | | 0.49 c | | 2.1 c | | 0.0088 c | | 0.038 c | | 0.015 c | 3 | | 0.0024 | 0.46 |
| . | Toxaphene | Change Effect | | | | | | | | | | | | | | 0.01 | | | | | | | | | | | | |
| 66841-25-6 | Tralomethrin | Winter 2015 | | | 1 | 0.1 | | 0.0075 I | | | | | | | | 460 n | | 6200 n | | | | | | 150 n | | | 58 | |
| 66841-25-6 | Tralomethrin | Spring 2015 | | | 1 | 0.1 | | 0.0075 I | | | | | | | | 470 n | | 6200 n | | | | | | 150 n | | | 58 | |
| . | Tralomethrin | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 688-73-3 | Tri-n-butyltin | Winter 2015 | | | 1 | 0.1 | | 0.0003 A | | | | | | | | 18 n | | 250 n | | | | | | 3.7 n | | | 0.082 | |
| 688-73-3 | Tri-n-butyltin | Spring 2015 | V | | 1 | | | 0.0003 A | | | | | | | | 23 n | | 350 n | | | | | | 3.7 n | | | 0.082 | |
| . | Tri-n-butyltin | Change Effect | X. | | | | | | | | | | | | | 5 | | 100 | | | | | | | | | | |
| 102-76-1 | Triacetin | Winter 2015 | | | 1 | 0.1 | | 80 X | | | | | | | | 4900000 nm | | 66000000 nm | | | | | | 1600000 n | | | 450 | |
| 102-76-1 | Triacetin | Spring 2015 | | | 1 | 0.1 | | 80 X | | | | | | | | 5100000 nm | | 66000000 nm | | | | | | 1600000 n | | | 450 | |
| . | Triacetin | Change Effect | | | | | | | | | | | | | | 200000 | | | | | | | | | | | | |
| 2303-17-5 | Triallate | Winter 2015 | | | 1 | 0.1 | | 0.013 I | | | | | | | | 800 n | | 11000 n | | | | | | 120 n | | | 0.26 | |
| 2303-17-5 | Triallate | Spring 2015 | V | | 1 | | | 0.013 I | | | | | | | | 1000 n | | 15000 n | | | | | | 120 n | | | 0.26 | |
| . | Triallate | Change Effect | X. | | | | | | | | | | | | | 200 | | 4000 | | | | | | | | | | |
| 82097-50-5 | Triasulfuron | Winter 2015 | | | 1 | 0.1 | | 0.01 I | | | | | | | | 620 n | | 8200 n | | | | | | 200 n | | | 0.21 | |
| 82097-50-5 | Triasulfuron | Spring 2015 | | | 1 | 0.1 | | 0.01 I | | | | | | | | 630 n | | 8200 n | | | | | | 200 n | | | 0.21 | |
| . | Triasulfuron | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 615-54-3 | Tribromobenzene, 1,2,4- | Winter 2015 | | | 1 | 0.1 | | 0.005 I | | | | | | | | 310 n | | 4100 n | | | | | | 45 n | | | 0.064 | |
| 615-54-3 | Tribromobenzene, 1,2,4- | Spring 2015 | V | | 1 | | | 0.005 I | | | | | | | | 390 n | | 5800 n | | | | | | 45 n | | | 0.064 | |
| . | Tribromobenzene, 1,2,4- | Change Effect | X. | | | | | | | | | | | | | 80 | | 1700 | | | | | | | | | | |
| 126-73-8 | Tributyl Phosphate | Winter 2015 | | | 1 | 0.1 | | 0.01 P | | | | 0.009 P | | | | 59 c* | | 260 c* | | | | | | 5.1 c* | | | 0.025 | |
| 126-73-8 | Tributyl Phosphate | Spring 2015 | | | 1 | 0.1 | | 0.01 P | | | | 0.009 P | | | | 60 c* | | 260 c* | | | | | | 5.1 c* | | | 0.025 | |
| . | Tributyl Phosphate | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| NA | Tributyltin Compounds | Winter 2015 | | | 1 | 0.1 | | 0.0003 P | | | | | | | | 18 n | | 250 n | | | | | | 6 n | | | | |
| NA | Tributyltin Compounds | Spring 2015 | | | 1 | 0.1 | | 0.0003 P | | | | | | | | 19 n | | 250 n | | | | | | 6 n | | | | |
| . | Tributyltin Compounds | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 56-35-9 | Tributyltin Oxide | Winter 2015 | | | 1 | 0.1 | | 0.0003 I | | | | | | | | 18 n | | 250 n | | | | | | 5.7 n | | | 290 | |
| 56-35-9 | Tributyltin Oxide | Spring 2015 | | | 1 | 0.1 | | 0.0003 I | | | | | | | | 19 n | | 250 n | | | | | | 5.7 n | | | 290 | |
| . | Tributyltin Oxide | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 76-03-9 | Trichloroacetic Acic | Winter 2015 | | | 1 | 0.1 | | 0.02 I | | | | 0.07 I | | | | 7.6 c | | 33 c | | | | | | 1.1 c | 60 | | 0.00022 | 0.012 |
| 76-03-9 | Trichloroacetic Acic | Spring 2015 | | | 1 | 0.1 | | 0.02 I | | | | 0.07 I | | | | 7.8 c | | 33 c | | | | | | 1.1 c | 60 | | 0.00022 | 0.012 |
| . | Trichloroacetic Acic | Change Effect | | | | | | | | | | | | | | 0.2 | | | | | | | | | | | | |
| 33663-50-2 | Trichloroaniline HCl, 2,4,6 | Winter 2015 | | | 1 | 0.1 | | | | | | 0.029 H | | | | 18 c | | 80 c | | | | | | 2.7 c | | | 0.0074 | |
| 33663-50-2 | Trichloroaniline HCl, 2,4,6 | Spring 2015 | | | 1 | 0.1 | | | | | | 0.029 H | | | | 19 c | | 79 c | | | | | | 2.7 c | | | 0.0074 | |
| . | Trichloroaniline HCl, 2,4,6 | Change Effect | | | | | | | | | | | | | | 1 | | -1 | | | | | | | | | | |
| 634-93-5 | Trichloroaniline, 2,4,6 | Winter 2015 | | | 1 | 0.1 | | 0.00003 X | | | | 0.007 X | | | | 1.8 n | | 25 n | | | | | | 0.4 n | | | 0.0036 | |
| 634-93-5 | Trichloroaniline, 2,4,6 | Spring 2015 | | | 1 | 0.1 | | 0.00003 X | | | | 0.007 X | | | | 1.9 n | | 25 n | | | | | | 0.4 n | | | 0.0036 | |
| . | Trichloroaniline, 2,4,6 | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 87-61-6 | Trichlorobenzene, 1,2,3 | Winter 2015 | V | | 1 | 0.1 | | 0.0008 X | | | | | | | | 49 n | | 660 n | | | | | | 7 n | | | 0.021 | |
| 87-61-6 | Trichlorobenzene, 1,2,3 | Spring 2015 | V | | 1 | | | 0.0008 X | | | | | | | | 63 n | | 930 n | | | | | | 7 n | | | 0.021 | |
| . | Trichlorobenzene, 1,2,3 | Change Effect | | | | | | | | | | | | | | 14 | | 270 | | | | | | | | | | |
| 95-95-4 | Trichlorophenol, 2,4,5 | Winter 2015 | | | 1 | 0.1 | | 0.1 I | | | | | | | | 6200 n | | 82000 n | | | | | | 1200 n | | | 4.4 | |
| 95-95-4 | Trichlorophenol, 2,4,5 | Spring 2015 | | | 1 | 0.1 | | 0.1 I | | | | | | | | 6300 n | | 82000 n | | | | | | 1200 n | | | 4.4 | |
| . | Trichlorophenol, 2,4,5 | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 88-06-2 | Trichlorophenol, 2,4,6 | Winter 2015 | | | 1 | 0.1 | | 0.001 P | | | | 0.011 I | | 0.0000031 I | | 48 c** | | 210 c** | | 0.91 c | | 4 c | | 4 c** | | | 0.015 | |
| 88-06-2 | Trichlorophenol, 2,4,6 | Spring 2015 | | | 1 | 0.1 | | 0.001 P | | | | 0.011 I | | 0.0000031 I | | 49 c** | | 210 c** | | 0.91 c | | 4 c | | 4 c** | | | 0.015 | |
| . | Trichlorophenol, 2,4,6 | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 93-76-5 | Trichlorophenoxyacetic Acid, 2,4,5 | Winter 2015 | | | 1 | 0.1 | | 0.01 I | | | | | | | | 620 n | | 8200 n | | | | | | 160 n | | | 0.067 | |
| 93-76-5 | Trichlorophenoxyacetic Acid, 2,4,5 | Spring 2015 | | | 1 | 0.1 | | 0.01 I | | | | | | | | 630 n | | 8200 n | | | | | | 160 n | | | 0.067 | |
| . | Trichlorophenoxyacetic Acid, 2,4,5 | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 93-72-1 | Trichlorophenoxypropionic acid, -2,4, | Winter 2015 | | | 1 | 0.1 | | 0.008 I | | | | | | | | 490 n | | 6600 n | | | | | | 110 n | 50 | | 0.061 | 0.028 |
| 93-72-1 | Trichlorophenoxypropionic acid, -2,4, | Spring 2015 | | | 1 | 0.1 | | 0.008 I | | | | | | | | 510 n | | 6600 n | | | | | | 110 n | 50 | | 0.061 | 0.028 |
| . | Trichlorophenoxypropionic acid, -2,4, | Change Effect | | | | | | | | | | | | | | 20 | | | | | | | | | | | | |
| 1330-78-5 | Tricresyl Phosphate (TCP) | Winter 2015 | | | 1 | 0.1 | | 0.02 A | | | | | | | | 1200 n | | 16000 n | | | | | | 160 n | | | 15 | |
| 1330-78-5 | Tricresyl Phosphate (TCP) | Spring 2015 | | | 1 | 0.1 | | 0.02 A | | | | | | | | 1300 n | | 16000 n | | | | | | 160 n | | | 15 | |
| . | Tricresyl Phosphate (TCP) | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 58138-08-2 | Tridiphane | Winter 2015 | | | 1 | 0.1 | | 0.003 I | | | | | | | | 180 n | | 2500 n | | | | | | 18 n | | | 0.13 | |
| 58138-08-2 | Tridiphane | Spring 2015 | | | 1 | 0.1 | | 0.003 I | | | | | | | | 190 n | | 2500 n | | | | | | 18 n | | | 0.13 | |
| . | Tridiphane | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 112-27-6 | Triethylene Glyco | Winter 2015 | | | 1 | 0.1 | | 2 P | | | | | | | | 120000 nm | | 1600000 nm | | | | | | 40000 n | | | 8.8 | |
| 112-27-6 | Triethylene Glyco | Spring 2015 | | | 1 | 0.1 | | 2 P | | | | | | | | 130000 nm | | 1600000 nm | | | | | | 40000 n | | | 8.8 | |
| . | Triethylene Glyco | Change Effect | | | | | | | | | | | | | | 10000 | | | | | | | | | | | | |
| 1582-09-8 | Trifluralin | Winter 2015 | | | 1 | 0.1 | | 0.0075 I | | | | 0.0077 I | | | | 69 c** | | 300 c* | | | | | | 2.5 c* | | | 0.082 | |
| 1582-09-8 | Trifluralin | Spring 2015 | V | | 1 | | | 0.0075 I | | | | 0.0077 I | | | | 90 c** | | 420 c* | | | | | | 2.5 c* | | | 0.082 | |
| . | Trifluralin | Change Effect | X. | | | | | | | | | | | | | 21 | | 120 | | | | | | | | | | |
| 512-56-1 | Trimethyl Phosphate | Winter 2015 | | | 1 | 0.1 | | 0.01 P | | | | 0.02 P | | | | 27 c* | | 120 c* | | | | | | 3.9 c* | | | 0.00086 | |
| 512-56-1 | Trimethyl Phosphate | Spring 2015 | | | 1 | 0.1 | | 0.01 P | | | | 0.02 P | | | | 27 c* | | 110 c* | | | | | | 3.9 c* | | | 0.00086 | |
| . | Trimethyl Phosphate | Change Effect | | | | | | | | | | | | | | -10 | | | | | | | | | | | | |
| 791-28-6 | Triphenylphosphine Oxide | Winter 2015 | | | 1 | 0.1 | | 0.02 P | | | | | | | | 1200 n | | 16000 n | | | | | | 360 n | | | 1.5 | |
| 791-28-6 | Triphenylphosphine Oxide | Spring 2015 | | | 1 | 0.1 | | 0.02 P | | | | | | | | 1300 n | | 16000 n | | | | | | 360 n | | | 1.5 | |
| . | Triphenylphosphine Oxide | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 13674-87-8 | Tris(1,3-Dichloro-2-propyl) Phosphate | Winter 2015 | | | 1 | 0.1 | | 0.02 A | | | | | | | | 1200 n | | 16000 n | | | | | | 360 n | | | 8 | |
| 13674-87-8 | Tris(1,3-Dichloro-2-propyl) Phosphate | Spring 2015 | | | 1 | 0.1 | | 0.02 A | | | | | | | | 1300 n | | 16000 n | | | | | | 360 n | | | 8 | |
| . | Tris(1,3-Dichloro-2-propyl) Phosphate | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 13674-84-5 | Tris(1-chloro-2-propyl)phosphate | Winter 2015 | | | 1 | 0.1 | | 0.01 X | | | | | | | | 620 n | | 8200 n | | | | | | 190 n | | | 0.65 | |
| 13674-84-5 | Tris(1-chloro-2-propyl)phosphate | Spring 2015 | | | 1 | 0.1 | | 0.01 X | | | | | | | | 630 n | | 8200 n | | | | | | 190 n | | | 0.65 | |
| . | Tris(1-chloro-2-propyl)phosphate | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 126-72-7 | Tris(2,3-dibromopropyl)phosphate | Spring 2015 | V | | 1 | | 467 | | | | | 2.3 C | | 0.00066 C | | 0.28 c | | 1.3 c | | 0.0043 c | | 0.019 c | | 0.0068 c | | | 0.00013 | |
| 115-96-8 | Tris(2-chloroethyl)phosphate | Winter 2015 | | | 1 | 0.1 | | 0.007 P | | | | 0.02 P | | | | 27 c* | | 120 c* | | | | | | 3.8 c* | | | 0.0038 | |
| 115-96-8 | Tris(2-chloroethyl)phosphate | Spring 2015 | | | 1 | 0.1 | | 0.007 P | | | | 0.02 P | | | | 27 c* | | 110 c* | | | | | | 3.8 c* | | | 0.0038 | |
| . | Tris(2-chloroethyl)phosphate | Change Effect | | | | | | | | | | | | | | -10 | | | | | | | | | | | | |
| 1929-77-7 | Vernolate | Winter 2015 | | | 1 | 0.1 | | 0.001 I | | | | | | | | 62 n | | 820 n | | | | | | 11 n | | | 0.0089 | |
| 1929-77-7 | Vernolate | Spring 2015 | V | | 1 | | | 0.001 I | | | | | | | | 78 n | | 1200 n | | | | | | 11 n | | | 0.0089 | |
| . | Vernolate | Change Effect | X. | | | | | | | | | | | | | 16 | | 380 | | | | | | | | | | |
| 50471-44-8 | Vinclozolin | Winter 2015 | | | 1 | 0.1 | | 0.025 I | | | | | | | | 1500 n | | 21000 n | | | | | | 440 n | | | 0.34 | |

| CAS | Chemica | Type of Observatior | v o c | mutager | GIABS | ABS | Csat (mg/kg) | RfDo (mg/kg-day) | k e y_2 | RfCi (mg/m3) | k e y_3 | SFO (mg/kg-day)$^{-1}$ | k e y | IUR (ug/m3)$^{-1}$ | k e y_1 | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key_1 | Resident Air (ug/m$^3$) | key_2 | Industria Air (ug/m$^3$) | key_3 | Tapwater (ug/L) | key_4 | MCL (ug/L) | Risk-based SSL (mg/kg) | MCL-based SSL (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50471-44-8 | Vinclozolin | Spring 2015 | | | 1 | 0.1 | | 0.025 | I | | | | | | | 1600 | n | 21000 | n | | | | | 440 | n | | 0.34 | |
| . | Vinclozolin | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 81-81-2 | Warfarin | Winter 2015 | | | 1 | 0.1 | | 0.0003 | I | | | | | | | 18 | n | 250 | n | | | | | 5.6 | n | | 0.0059 | |
| 81-81-2 | Warfarin | Spring 2015 | | | 1 | 0.1 | | 0.0003 | I | | | | | | | 19 | n | 250 | n | | | | | 5.6 | n | | 0.0059 | |
| . | Warfarin | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 1330-20-7 | Xylenes | Winter 2015 | V | | 1 | | 258 | 0.2 | I | 0.1 | I | | | | | 580 | ns | 2500 | ns | 100 | n | 440 | n | 190 | n | 10000 | 0.19 | 9.8 |
| 1330-20-7 | Xylenes | Spring 2015 | V | | 1 | | 258 | 0.2 | I | 0.1 | I | | | | | 650 | ns | 2800 | ns | 100 | n | 440 | n | 190 | n | 10000 | 0.19 | 9.8 |
| . | Xylenes | Change Effect | | | | | | | | | | | | | | 70 | | 300 | | | | | | | | | | |
| 12122-67-7 | Zineb | Winter 2015 | | | 1 | 0.1 | | 0.05 | I | | | | | | | 3100 | n | 41000 | n | | | | | 990 | n | | 2.9 | |
| 12122-67-7 | Zineb | Spring 2015 | | | 1 | 0.1 | | 0.05 | I | | | | | | | 3200 | n | 41000 | n | | | | | 990 | n | | 2.9 | |
| . | Zineb | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 83-32-9 | ~Acenaphthene | Winter 2015 | V | | 1 | 0.13 | | 0.06 | I | | | | | | | 3500 | n | 45000 | n | | | | | 530 | n | | 5.5 | |
| 83-32-9 | ~Acenaphthene | Spring 2015 | V | | 1 | 0.13 | | 0.06 | I | | | | | | | 3600 | n | 45000 | n | | | | | 530 | n | | 5.5 | |
| . | ~Acenaphthene | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 120-12-7 | ~Anthracene | Winter 2015 | V | | 1 | 0.13 | | 0.3 | I | | | | | | | 17000 | n | 230000 | nm | | | | | 1800 | n | | 58 | |
| 120-12-7 | ~Anthracene | Spring 2015 | V | | 1 | 0.13 | | 0.3 | I | | | | | | | 18000 | n | 230000 | nm | | | | | 1800 | n | | 58 | |
| . | ~Anthracene | Change Effect | | | | | | | | | | | | | | 1000 | | | | | | | | | | | | |
| 12674-11-2 | ~Aroclor 1016 | Winter 2015 | | | 1 | 0.14 | | 0.00007 | I | | | 0.07 | S | 0.00002 | S | 4 | n | 30 | c** | 0.14 | c | 0.61 | c | 1.1 | c** | | 0.11 | |
| 12674-11-2 | ~Aroclor 1016 | Spring 2015 | V | | 1 | 0.14 | | 0.00007 | I | | | 0.07 | S | 0.00002 | S | 4.1 | n | 27 | c** | 0.14 | c | 0.61 | c | 0.22 | c** | | 0.021 | |
| . | ~Aroclor 1016 | Change Effect | X. | | | | | | | | | | | | | 0.1 | | -3 | | | | | | -0.88 | | | -0.089 | |
| 11104-28-2 | ~Aroclor 1221 | Winter 2015 | V | | 1 | 0.14 | 757 | | | | | 2 | S | 0.00057 | S | 0.15 | c | 0.66 | c | 0.0049 | c | 0.021 | c | 0.0046 | c | | 0.000079 | |
| 11104-28-2 | ~Aroclor 1221 | Spring 2015 | V | | 1 | 0.14 | | | | | | 2 | S | 0.00057 | S | 0.17 | c | 0.72 | c | 0.0049 | c | 0.021 | c | 0.0046 | c | | 0.000079 | |
| . | ~Aroclor 1221 | Change Effect | | | | | | | | | | | | | | 0.02 | | 0.06 | | | | | | | | | | |
| 11141-16-5 | ~Aroclor 1232 | Winter 2015 | V | | 1 | 0.14 | 73.2 | | | | | 2 | S | 0.00057 | S | 0.15 | c | 0.66 | c | 0.0049 | c | 0.021 | c | 0.0046 | c | | 0.000079 | |
| 11141-16-5 | ~Aroclor 1232 | Spring 2015 | V | | 1 | 0.14 | | | | | | 2 | S | 0.00057 | S | 0.17 | c | 0.72 | c | 0.0049 | c | 0.021 | c | 0.0046 | c | | 0.000079 | |
| . | ~Aroclor 1232 | Change Effect | | | | | | | | | | | | | | 0.02 | | 0.06 | | | | | | | | | | |
| 53469-21-9 | ~Aroclor 1242 | Winter 2015 | | | 1 | 0.14 | | | | | | 2 | S | 0.00057 | S | 0.24 | c | 1 | c | 0.0049 | c | 0.021 | c | 0.039 | c | | 0.0061 | |
| 53469-21-9 | ~Aroclor 1242 | Spring 2015 | V | | 1 | 0.14 | | | | | | 2 | S | 0.00057 | S | 0.23 | c | 0.97 | c | 0.0049 | c | 0.021 | c | 0.0078 | c | | 0.0012 | |
| . | ~Aroclor 1242 | Change Effect | X. | | | | | | | | | | | | | -0.01 | | -0.03 | | | | | | -0.0312 | | | -0.0049 | |
| 12672-29-6 | ~Aroclor 1248 | Winter 2015 | | | 1 | 0.14 | | | | | | 2 | S | 0.00057 | S | 0.24 | c | 1 | c | 0.0049 | c | 0.021 | c | 0.039 | c | | 0.006 | |
| 12672-29-6 | ~Aroclor 1248 | Spring 2015 | V | | 1 | 0.14 | | | | | | 2 | S | 0.00057 | S | 0.23 | c | 0.94 | c | 0.0049 | c | 0.021 | c | 0.0078 | c | | 0.0012 | |
| . | ~Aroclor 1248 | Change Effect | X. | | | | | | | | | | | | | -0.01 | | -0.06 | | | | | | -0.0312 | | | -0.0048 | |
| 11097-69-1 | ~Aroclor 1254 | Winter 2015 | | | 1 | 0.14 | | 0.00002 | I | | | 2 | S | 0.00057 | S | 0.24 | c** | 1 | c* | 0.0049 | c | 0.021 | c | 0.039 | c* | | 0.01 | |
| 11097-69-1 | ~Aroclor 1254 | Spring 2015 | V | | 1 | 0.14 | | 0.00002 | I | | | 2 | S | 0.00057 | S | 0.24 | c** | 0.97 | c* | 0.0049 | c | 0.021 | c | 0.0078 | c* | | 0.002 | |
| . | ~Aroclor 1254 | Change Effect | X. | | | | | | | | | | | | | | | -0.03 | | | | | | -0.0312 | | | -0.008 | |
| 11096-82-5 | ~Aroclor 1260 | Winter 2015 | | | 1 | 0.14 | | | | | | 2 | S | 0.00057 | S | 0.24 | c | 1 | c | 0.0049 | c | 0.021 | c | 0.039 | c | | 0.027 | |
| 11096-82-5 | ~Aroclor 1260 | Spring 2015 | V | | 1 | 0.14 | | | | | | 2 | S | 0.00057 | S | 0.24 | c | 0.99 | c | 0.0049 | c | 0.021 | c | 0.0078 | c | | 0.0055 | |
| . | ~Aroclor 1260 | Change Effect | X. | | | | | | | | | | | | | | | -0.01 | | | | | | -0.0312 | | | -0.0215 | |
| 11126-42-4 | ~Aroclor 5460 | Winter 2015 | | | 1 | 0.1 | | 0.0006 | X | | | | | | | 37 | n | 490 | n | | | | | 12 | n | | 2 | |
| 11126-42-4 | ~Aroclor 5460 | Spring 2015 | V | | 1 | 0.14 | | 0.0006 | X | | | | | | | 35 | n | 440 | n | | | | | 12 | n | | 2 | |
| . | ~Aroclor 5460 | Change Effect | X. | | | 0.04 | | | | | | | | | | -2 | | -50 | | | | | | | | | | |
| 56-55-3 | ~Benz[a]anthracene | Winter 2015 | | M | 1 | 0.13 | | | | | | 0.73 | E | 0.00011 | C | 0.15 | c | 2.9 | c | 0.0092 | c | 0.11 | c | 0.034 | c | | 0.012 | |
| 56-55-3 | ~Benz[a]anthracene | Spring 2015 | V | M | 1 | 0.13 | | | | | | 0.73 | E | 0.00011 | C | 0.16 | c | 2.9 | c | 0.0092 | c | 0.11 | c | 0.033 | c | | 0.012 | |
| . | ~Benz[a]anthracene | Change Effect | X. | | | | | | | | | | | | | 0.01 | | | | | | | | -0.001 | | | | |
| 205-82-3 | ~Benzo(j)fluoranthene | Winter 2015 | | | 1 | 0.13 | | | | | | 1.2 | C | 0.00011 | C | 0.41 | c | 1.8 | c | 0.026 | c | 0.11 | c | 0.065 | c | | 0.078 | |
| 205-82-3 | ~Benzo(j)fluoranthene | Spring 2015 | | | 1 | 0.13 | | | | | | 1.2 | C | 0.00011 | C | 0.42 | c | 1.8 | c | 0.026 | c | 0.11 | c | 0.065 | c | | 0.078 | |
| . | ~Benzo(j)fluoranthene | Change Effect | | | | | | | | | | | | | | 0.01 | | | | | | | | | | | | |
| 50-32-8 | ~Benzo[a]pyrene | Winter 2015 | | M | 1 | 0.13 | | | | | | 7.3 | I | 0.0011 | C | 0.015 | c | 0.29 | c | 0.00092 | c | 0.011 | c | 0.0034 | c | 0.2 | 0.004 | 0.24 |
| 50-32-8 | ~Benzo[a]pyrene | Spring 2015 | | M | 1 | 0.13 | | | | | | 7.3 | I | 0.0011 | C | 0.016 | c | 0.29 | c | 0.00092 | c | 0.011 | c | 0.0034 | c | 0.2 | 0.004 | 0.24 |
| . | ~Benzo[a]pyrene | Change Effect | | | | | | | | | | | | | | 0.001 | | | | | | | | | | | | |
| 205-99-2 | ~Benzo[b]fluoranthene | Winter 2015 | | M | 1 | 0.13 | | | | | | 0.73 | E | 0.00011 | C | 0.15 | c | 2.9 | c | 0.0092 | c | 0.11 | c | 0.034 | c | | 0.041 | |
| 205-99-2 | ~Benzo[b]fluoranthene | Spring 2015 | | M | 1 | 0.13 | | | | | | 0.73 | E | 0.00011 | C | 0.16 | c | 2.9 | c | 0.0092 | c | 0.11 | c | 0.034 | c | | 0.041 | |
| . | ~Benzo[b]fluoranthene | Change Effect | | | | | | | | | | | | | | 0.01 | | | | | | | | | | | | |
| 207-08-9 | ~Benzo[k]fluoranthene | Winter 2015 | | M | 1 | 0.13 | | | | | | 0.073 | E | 0.00011 | C | 1.5 | c | 29 | c | 0.0092 | c | 0.11 | c | 0.34 | c | | 0.4 | |
| 207-08-9 | ~Benzo[k]fluoranthene | Spring 2015 | | M | 1 | 0.13 | | | | | | 0.073 | E | 0.00011 | C | 1.6 | c | 29 | c | 0.0092 | c | 0.11 | c | 0.34 | c | | 0.4 | |
| . | ~Benzo[k]fluoranthene | Change Effect | | | | | | | | | | | | | | 0.1 | | | | | | | | | | | | |
| 117-81-7 | ~Bis(2-ethylhexyl)phthalate | Winter 2015 | | | 1 | 0.1 | | 0.02 | I | | | 0.014 | I | 0.0000024 | C | 38 | c* | 160 | c | 1.2 | c | 5.1 | c | 5.6 | c* | 6 | 1.3 | 1.4 |
| 117-81-7 | ~Bis(2-ethylhexyl)phthalate | Spring 2015 | | | 1 | 0.1 | | 0.02 | I | | | 0.014 | I | 0.0000024 | C | 39 | c* | 160 | c | 1.2 | c | 5.1 | c | 5.6 | c* | 6 | 1.3 | 1.4 |
| . | ~Bis(2-ethylhexyl)phthalate | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 85-70-1 | ~Butylphthalyl Butylglycolate | Winter 2015 | | | 1 | 0.1 | | 1 | I | | | | | | | 62000 | n | 820000 | nm | | | | | 13000 | n | | 300 | |
| 85-70-1 | ~Butylphthalyl Butylglycolate | Spring 2015 | | | 1 | 0.1 | | 1 | I | | | | | | | 63000 | n | 820000 | nm | | | | | 13000 | n | | 300 | |
| . | ~Butylphthalyl Butylglycolate | Change Effect | | | | | | | | | | | | | | 1000 | | | | | | | | | | | | |
| 91-58-7 | ~Chloronaphthalene, Beta | Winter 2015 | V | | 1 | | | 0.08 | I | | | | | | | 6300 | n | 93000 | n | | | | | 750 | n | | 3.8 | |
| 91-58-7 | ~Chloronaphthalene, Beta | Spring 2015 | V | | 1 | 0.13 | | 0.08 | I | | | | | | | 4800 | n | 60000 | n | | | | | 750 | n | | 3.8 | |
| . | ~Chloronaphthalene, Beta | Change Effect | | | | | | | | | | | | | | -1500 | | -33000 | | | | | | | | | | |
| 218-01-9 | ~Chrysene | Winter 2015 | | M | 1 | 0.13 | | | | | | 0.0073 | E | 0.000011 | C | 15 | c | 290 | c | 0.092 | c | 1.1 | c | 3.4 | c | | 1.2 | |
| 218-01-9 | ~Chrysene | Spring 2015 | | M | 1 | 0.13 | | | | | | 0.0073 | E | 0.000011 | C | 16 | c | 290 | c | 0.092 | c | 1.1 | c | 3.4 | c | | 1.2 | |
| . | ~Chrysene | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 57-12-5 | ~Cyanide (CN-) | Winter 2015 | V | | 1 | | 10000000 | 0.0006 | I | 0.0008 | S | | | | | 21 | n | 130 | n | 0.83 | n | 3.5 | n | 1.5 | n | 200 | 0.015 | 2 |
| 57-12-5 | ~Cyanide (CN-) | Spring 2015 | V | | 1 | | 972000 | 0.0006 | I | 0.0008 | S | | | | | 2.7 | n | 12 | n | 0.83 | n | 3.5 | n | 1.5 | n | 200 | 0.015 | 2 |
| . | ~Cyanide (CN-) | Change Effect | | | | | -9028000 | | | | | | | | | -18.3 | | -118 | | | | | | | | | | |
| 53-70-3 | ~Dibenz[a,h]anthracene | Winter 2015 | | M | 1 | 0.13 | | | | | | 7.3 | E | 0.0012 | C | 0.015 | c | 0.29 | c | 0.00084 | c | 0.01 | c | 0.0034 | c | | 0.013 | |
| 53-70-3 | ~Dibenz[a,h]anthracene | Spring 2015 | | M | 1 | 0.13 | | | | | | 7.3 | E | 0.0012 | C | 0.016 | c | 0.29 | c | 0.00084 | c | 0.01 | c | 0.0034 | c | | 0.013 | |
| . | ~Dibenz[a,h]anthracene | Change Effect | | | | | | | | | | | | | | 0.001 | | | | | | | | | | | | |
| 192-65-4 | ~Dibenzo(a,e)pyrene | Winter 2015 | | | 1 | 0.13 | | | | | | 12 | C | 0.0011 | C | 0.041 | c | 0.18 | c | 0.0026 | c | 0.011 | c | 0.0065 | c | | 0.084 | |
| 192-65-4 | ~Dibenzo(a,e)pyrene | Spring 2015 | | | 1 | 0.13 | | | | | | 12 | C | 0.0011 | C | 0.042 | c | 0.18 | c | 0.0026 | c | 0.011 | c | 0.0065 | c | | 0.084 | |
| . | ~Dibenzo(a,e)pyrene | Change Effect | | | | | | | | | | | | | | 0.001 | | | | | | | | | | | | |
| 132-64-9 | ~Dibenzofuran | Winter 2015 | V | | 1 | 0.03 | | 0.001 | X | | | | | | | 72 | n | 1000 | n | | | | | 7.9 | n | | 0.15 | |
| 132-64-9 | ~Dibenzofuran | Spring 2015 | V | | 1 | 0.03 | | 0.001 | X | | | | | | | 73 | n | 1000 | n | | | | | 7.9 | n | | 0.15 | |
| . | ~Dibenzofuran | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 84-74-2 | ~Dibutyl Phthalate | Winter 2015 | | | 1 | 0.1 | | 0.1 | I | | | | | | | 6200 | n | 82000 | n | | | | | 900 | n | | 2.3 | |
| 84-74-2 | ~Dibutyl Phthalate | Spring 2015 | | | 1 | 0.1 | | 0.1 | I | | | | | | | 6300 | n | 82000 | n | | | | | 900 | n | | 2.3 | |
| . | ~Dibutyl Phthalate | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 84-66-2 | ~Diethyl Phthalate | Winter 2015 | | | 1 | 0.1 | | 0.8 | I | | | | | | | 49000 | n | 660000 | nm | | | | | 15000 | n | | 6.1 | |
| 84-66-2 | ~Diethyl Phthalate | Spring 2015 | | | 1 | 0.1 | | 0.8 | I | | | | | | | 51000 | n | 660000 | nm | | | | | 15000 | n | | 6.1 | |
| . | ~Diethyl Phthalate | Change Effect | | | | | | | | | | | | | | 2000 | | | | | | | | | | | | |
| 57-97-6 | ~Dimethylbenz(a)anthracene, 7,12 | Winter 2015 | | M | 1 | 0.13 | | | | | | 250 | C | 0.071 | C | 0.00045 | c | 0.0085 | c | 0.000014 | c | 0.00017 | c | 0.0001 | c | | 0.000099 | |
| 57-97-6 | ~Dimethylbenz(a)anthracene, 7,12 | Spring 2015 | | M | 1 | 0.13 | | | | | | 250 | C | 0.071 | C | 0.00046 | c | 0.0084 | c | 0.000014 | c | 0.00017 | c | 0.0001 | c | | 0.000099 | |
| . | ~Dimethylbenz(a)anthracene, 7,12 | Change Effect | | | | | | | | | | | | | | | | -0.0001 | | | | | | | | | | |
| 206-44-0 | ~Fluoranthene | Winter 2015 | | | 1 | 0.13 | | 0.04 | I | | | | | | | 2300 | n | 30000 | n | | | | | 800 | n | | 89 | |
| 206-44-0 | ~Fluoranthene | Spring 2015 | | | 1 | 0.13 | | 0.04 | I | | | | | | | 2400 | n | 30000 | n | | | | | 800 | n | | 89 | |
| . | ~Fluoranthene | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 86-73-7 | ~Fluorene | Winter 2015 | V | | 1 | 0.13 | | 0.04 | I | | | | | | | 2300 | n | 30000 | n | | | | | 290 | n | | 5.4 | |
| 86-73-7 | ~Fluorene | Spring 2015 | V | | 1 | 0.13 | | 0.04 | I | | | | | | | 2400 | n | 30000 | n | | | | | 290 | n | | 5.4 | |
| . | ~Fluorene | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 110-00-9 | ~Furan | Winter 2015 | V | | 1 | 0.03 | 6220 | 0.001 | I | | | | | | | 72 | n | 1000 | n | | | | | 19 | n | | 0.0073 | |
| 110-00-9 | ~Furan | Spring 2015 | V | | 1 | 0.03 | 6220 | 0.001 | I | | | | | | | 73 | n | 1000 | n | | | | | 19 | n | | 0.0073 | |
| . | ~Furan | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 39635-31-9 | ~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189 | Winter 2015 | | | 1 | 0.14 | | 0.000023 | E | 0.0013 | E | 3.9 | E | 0.0011 | E | 0.12 | c* | 0.53 | c* | 0.0025 | c | 0.011 | c | 0.02 | c* | | 0.014 | |
| 39635-31-9 | ~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189 | Spring 2015 | V | | 1 | 0.14 | | 0.000023 | E | 0.0013 | E | 3.9 | E | 0.0011 | E | 0.12 | c* | 0.51 | c* | 0.0025 | c | 0.011 | c | 0.004 | c | | 0.0028 | |
| . | ~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189 | Change Effect | X. | | | | | | | | | | | | | | | -0.02 | | | | | | -0.016 | .X | | -0.0112 | |
| 52663-72-6 | ~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167 | Winter 2015 | | | 1 | 0.14 | | 0.000023 | E | 0.0013 | E | 3.9 | E | 0.0011 | E | 0.12 | c* | 0.53 | c* | 0.0025 | c | 0.011 | c | 0.02 | c* | | 0.0084 | |
| 52663-72-6 | ~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167 | Spring 2015 | V | | 1 | 0.14 | | 0.000023 | E | 0.0013 | E | 3.9 | E | 0.0011 | E | 0.12 | c* | 0.51 | c* | 0.0025 | c | 0.011 | c | 0.004 | c | | 0.0017 | |
| . | ~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167 | Change Effect | X. | | | | | | | | | | | | | | | -0.02 | | | | | | -0.016 | .X | | -0.0067 | |
| 69782-90-7 | ~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157 | Winter 2015 | | | 1 | 0.14 | | 0.000023 | E | 0.0013 | E | 3.9 | E | 0.0011 | E | 0.12 | c* | 0.53 | c* | 0.0025 | c | 0.011 | c | 0.02 | c* | | 0.0085 | |
| 69782-90-7 | ~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157 | Spring 2015 | V | | 1 | 0.14 | | 0.000023 | E | 0.0013 | E | 3.9 | E | 0.0011 | E | 0.12 | c* | 0.51 | c* | 0.0025 | c | 0.011 | c | 0.004 | c | | 0.0017 | |
| . | ~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157 | Change Effect | X. | | | | | | | | | | | | | | | -0.02 | | | | | | -0.016 | .X | | -0.0068 | |
| 38380-08-4 | ~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156 | Winter 2015 | | | 1 | 0.14 | | 0.000023 | E | 0.0013 | E | 3.9 | E | 0.0011 | E | 0.12 | c* | 0.53 | c* | 0.0025 | c | 0.011 | c | 0.02 | c* | | 0.0085 | |
| 38380-08-4 | ~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156 | Spring 2015 | V | | 1 | 0.14 | | 0.000023 | E | 0.0013 | E | 3.9 | E | 0.0011 | E | 0.12 | c* | 0.51 | c* | 0.0025 | c | 0.011 | c | 0.004 | c | | 0.0017 | |
| . | ~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156 | Change Effect | X. | | | | | | | | | | | | | | | -0.02 | | | | | | -0.016 | .X | | -0.0068 | |
| 32774-16-6 | ~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169 | Winter 2015 | | | 1 | 0.14 | | 0.000000023 | E | 0.0000013 | E | 3900 | E | 1.1 | E | 0.00012 | c* | 0.00053 | c* | 0.0000025 | c | 0.000011 | c | 0.00002 | c* | | 0.0000084 | |
| 32774-16-6 | ~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169 | Spring 2015 | V | | 1 | 0.14 | | 0.000000023 | E | 0.0000013 | E | 3900 | E | 1.1 | E | 0.00012 | c* | 0.00051 | c* | 0.0000025 | c | 0.000011 | c | 0.000004 | c | | 0.0000017 | |

| CAS | Chemica | Type of Observatior | v o c | mutagen | GIABS | ABS | Csat (mg/kg) | RfDo (mg/kg-day) | k e y_2 | RfCi (mg/m3) | k e y_3 | SFO (mg/kg-day)$^{-1}$ | k e y | IUR (ug/m3)$^{-1}$ | k e y_1 | Resident Soil (mg/kg) | key | Industrial Soil (mg/kg) | key_1 | Residen Air (ug/m$^3$) | key_2 | Industria Air (ug/m$^3$) | key_3 | Tapwater (ug/L) | key_4 | MCL (ug/L) | Risk-based SSL (mg/kg) | MCL-based SSL (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| . | ~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169 | Change Effect | X. | | | | | | | | | | | | | | | | | | | | | | X | | | |
| 193-39-5 | ~Indeno[1,2,3-cd]pyrene | Winter 2015 | | M | 1 | 0.13 | | | | | | 0.73 | E | 0.00011 | C | 0.15 | c | 2.9 | c | 0.0092 | c | 0.11 | c | 0.034 | c | | 0.24 | |
| 193-39-5 | ~Indeno[1,2,3-cd]pyrene | Spring 2015 | | M | 1 | 0.13 | | | | | | 0.73 | E | 0.00011 | C | 0.16 | c | 2.9 | c | 0.0092 | c | 0.11 | c | 0.034 | c | | 0.13 | |
| . | ~Indeno[1,2,3-cd]pyrene | Change Effect | | | | | | | | | | | | | | 0.01 | | | | | | | | | | | -0.11 | |
| 7439-92-1 | ~Lead and Compounds | Winter 2015 | | | 1 | | | | | | | | | | | 400 | L | 800 | L | 0.15 | L | | | 15 | L | 15 | | 14 |
| 7439-92-1 | ~Lead and Compounds | Spring 2015 | | | 1 | | | | | | | | | | | 400 | | 800 | L | 0.15 | L | | | 15 | L | 15 | | 14 |
| . | ~Lead and Compounds | Change Effect | | | | | | | | | | | | | | X. | | | | | | | | | | | | |
| 1335-32-6 | ~Lead subacetate | Winter 2015 | | | 1 | 0.1 | | | | | | 0.0085 | C | 0.000012 | C | 63 | c | 270 | c | 0.23 | c | 1 | c | 9.2 | c | | | |
| 1335-32-6 | ~Lead subacetate | Spring 2015 | | | 1 | 0.1 | | | | | | 0.0085 | C | 0.000012 | C | 64 | c | 270 | c | 0.23 | c | 1 | c | 9.2 | c | | | |
| . | ~Lead subacetate | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 90-12-0 | ~Methylnaphthalene, 1 | Winter 2015 | V | | 1 | 0.13 | | 0.07 | A | | | 0.029 | P | | | 17 | c | 73 | c | | | | | 1.1 | c | | 0.0058 | |
| 90-12-0 | ~Methylnaphthalene, 1 | Spring 2015 | V | | 1 | 0.13 | | 0.07 | A | | | 0.029 | P | | | 18 | c | 73 | c | | | | | 1.1 | c | | 0.0058 | |
| . | ~Methylnaphthalene, 1 | Change Effect | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| 91-57-6 | ~Methylnaphthalene, 2 | Winter 2015 | V | | 1 | 0.13 | | 0.004 | I | | | | | | | 230 | n | 3000 | n | | | | | 36 | n | | 0.19 | |
| 91-57-6 | ~Methylnaphthalene, 2 | Spring 2015 | V | | 1 | 0.13 | | 0.004 | I | | | | | | | 240 | n | 3000 | n | | | | | 36 | n | | 0.19 | |
| . | ~Methylnaphthalene, 2 | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 57835-92-4 | ~Nitropyrene, 4- | Winter 2015 | | | 1 | 0.13 | | | | | | 1.2 | C | 0.00011 | C | 0.41 | c | 1.8 | c | 0.026 | c | 0.11 | c | 0.019 | c | | 0.0032 | |
| 57835-92-4 | ~Nitropyrene, 4- | Spring 2015 | | | 1 | 0.13 | | | | | | 1.2 | C | 0.00011 | C | 0.42 | c | 1.8 | c | 0.026 | c | 0.11 | c | 0.019 | c | | 0.0032 | |
| . | ~Nitropyrene, 4- | Change Effect | | | | | | | | | | | | | | 0.01 | | | | | | | | | | | | |
| 117-84-0 | ~Octyl Phthalate, di-N- | Winter 2015 | | | 1 | 0.1 | | 0.01 | P | | | | | | | 620 | n | 8200 | n | | | | | 200 | n | | 57 | |
| 117-84-0 | ~Octyl Phthalate, di-N- | Spring 2015 | | | 1 | 0.1 | | 0.01 | P | | | | | | | 630 | n | 8200 | n | | | | | 200 | n | | 57 | |
| . | ~Octyl Phthalate, di-N- | Change Effect | | | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 65510-44-3 | ~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123 | Winter 2015 | | | 1 | 0.14 | | 0.000023 | E | 0.0013 | E | 3.9 | E | 0.0011 | E | 0.12 | c* | 0.53 | c* | 0.0025 | c | 0.011 | c | 0.02 | c* | | 0.0052 | |
| 65510-44-3 | ~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123 | Spring 2015 | V | | 1 | 0.14 | | 0.000023 | E | 0.0013 | E | 3.9 | E | 0.0011 | E | 0.12 | c* | 0.5 | c* | 0.0025 | c | 0.011 | c | 0.004 | c | | 0.001 | |
| . | ~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123 | Change Effect | X. | | | | | | | | | | | | | | | -0.03 | | | | | | -0.016 | X | | -0.0042 | |
| 31508-00-6 | ~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118 | Winter 2015 | | | 1 | 0.14 | | 0.000023 | E | 0.0013 | E | 3.9 | E | 0.0011 | E | 0.12 | c* | 0.53 | c* | 0.0025 | c | 0.011 | c | 0.02 | c* | | 0.0051 | |
| 31508-00-6 | ~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118 | Spring 2015 | V | | 1 | 0.14 | | 0.000023 | E | 0.0013 | E | 3.9 | E | 0.0011 | E | 0.12 | c* | 0.5 | c* | 0.0025 | c | 0.011 | c | 0.004 | c | | 0.001 | |
| . | ~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118 | Change Effect | X. | | | | | | | | | | | | | | | -0.03 | | | | | | -0.016 | X | | -0.0041 | |
| 32598-14-4 | ~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105 | Winter 2015 | | | 1 | 0.14 | | 0.000023 | E | 0.0013 | E | 3.9 | E | 0.0011 | E | 0.12 | c* | 0.53 | c* | 0.0025 | c | 0.011 | c | 0.02 | c* | | 0.0052 | |
| 32598-14-4 | ~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105 | Spring 2015 | V | | 1 | 0.14 | | 0.000023 | E | 0.0013 | E | 3.9 | E | 0.0011 | E | 0.12 | c* | 0.5 | c* | 0.0025 | c | 0.011 | c | 0.004 | c | | 0.001 | |
| . | ~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105 | Change Effect | X. | | | | | | | | | | | | | | | -0.03 | | | | | | -0.016 | X | | -0.0042 | |
| 74472-37-0 | ~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114 | Winter 2015 | | | 1 | 0.14 | | 0.000023 | E | 0.0013 | E | 3.9 | E | 0.0011 | E | 0.12 | c* | 0.53 | c* | 0.0025 | c | 0.011 | c | 0.02 | c* | | 0.0052 | |
| 74472-37-0 | ~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114 | Spring 2015 | V | | 1 | 0.14 | | 0.000023 | E | 0.0013 | E | 3.9 | E | 0.0011 | E | 0.12 | c* | 0.5 | c* | 0.0025 | c | 0.011 | c | 0.004 | c | | 0.001 | |
| . | ~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114 | Change Effect | X. | | | | | | | | | | | | | | | -0.03 | | | | | | -0.016 | X | | -0.0042 | |
| 57465-28-8 | ~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126 | Winter 2015 | | | 1 | 0.14 | | 0.000000007 | E | 0.0000004 | E | 13000 | E | 3.8 | E | 0.000037 | c* | 0.00016 | c* | 0.00000074 | c | 0.0000032 | c | 0.000006 | c* | | 0.0000015 | |
| 57465-28-8 | ~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126 | Spring 2015 | V | | 1 | 0.14 | | 0.000000007 | E | 0.0000004 | E | 13000 | E | 3.8 | E | 0.000037 | c* | 0.00015 | c* | 0.00000074 | c | 0.0000032 | c | 0.0000012 | c | | 0.0000003 | |
| . | ~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126 | Change Effect | X. | | | | | | | | | | | | | | | | | | | | | | X | | | |
| 62-38-4 | ~Phenylmercuric Acetate | Winter 2015 | | | 1 | 0.1 | | 0.00008 | I | | | | | | | 4.9 | n | 66 | n | | | | | 1.6 | n | | 0.0005 | |
| 62-38-4 | ~Phenylmercuric Acetate | Spring 2015 | | | 1 | 0.1 | | 0.00008 | I | | | | | | | 5.1 | n | 66 | n | | | | | 1.6 | n | | 0.0005 | |
| . | ~Phenylmercuric Acetate | Change Effect | | | | | | | | | | | | | | 0.2 | | | | | | | | | | | | |
| 100-21-0 | ~Phthalic Acid, P- | Winter 2015 | | | 1 | 0.1 | | 1 | H | | | | | | | 62000 | n | 820000 | nm | | | | | 19000 | n | | 6.8 | |
| 100-21-0 | ~Phthalic Acid, P- | Spring 2015 | | | 1 | 0.1 | | 1 | H | | | | | | | 63000 | n | 820000 | nm | | | | | 19000 | n | | 6.8 | |
| . | ~Phthalic Acid, P- | Change Effect | | | | | | | | | | | | | | 1000 | | | | | | | | | | | | |
| 85-44-9 | ~Phthalic Anhydride | Winter 2015 | | | 1 | 0.1 | | 2 | I | 0.02 | C | | | | | 120000 | nm | 1600000 | nm | 21 | n | 88 | n | 39000 | n | | 8.5 | |
| 85-44-9 | ~Phthalic Anhydride | Spring 2015 | | | 1 | 0.1 | | 2 | I | 0.02 | C | | | | | 130000 | nm | 1600000 | nm | 21 | n | 88 | n | 39000 | n | | 8.5 | |
| . | ~Phthalic Anhydride | Change Effect | | | | | | | | | | | | | | 10000 | | | | | | | | | | | | |
| 1336-36-3 | ~Polychlorinated Biphenyls (high risk | Winter 2015 | | | 1 | 0.14 | | | | | | 2 | I | 0.00057 | I | 0.24 | c | 1 | c | 0.0049 | c | 0.021 | c | | | | | |
| 1336-36-3 | ~Polychlorinated Biphenyls (high risk | Spring 2015 | V | | 1 | 0.14 | | | | | | 2 | I | 0.00057 | I | 0.23 | c | 0.97 | c | 0.0049 | c | 0.021 | c | | | | | |
| . | ~Polychlorinated Biphenyls (high risk | Change Effect | X. | | | | | | | | | | | | | -0.01 | | -0.03 | | | | | | | | | | |
| 1336-36-3 | ~Polychlorinated Biphenyls (low risk | Winter 2015 | | | 1 | 0.14 | | | | | | 0.4 | I | 0.0001 | I | | | | | 0.028 | c | 0.12 | c | 0.19 | c | 0.5 | 0.03 | 0.078 |
| 1336-36-3 | ~Polychlorinated Biphenyls (low risk | Spring 2015 | V | | 1 | 0.14 | | | | | | 0.4 | I | 0.0001 | I | | | | | 0.028 | c | 0.12 | c | 0.044 | c | 0.5 | 0.0068 | 0.078 |
| . | ~Polychlorinated Biphenyls (low risk | Change Effect | X. | | | | | | | | | | | | | | | | | | | | | -0.146 | | | -0.0232 | |
| 1336-36-3 | ~Polychlorinated Biphenyls (lowest risk | Winter 2015 | | | 1 | 0.14 | | | | | | 0.07 | I | 0.00002 | I | | | | | 0.14 | c | 0.61 | c | | | | | |
| 1336-36-3 | ~Polychlorinated Biphenyls (lowest risk | Spring 2015 | V | | 1 | 0.14 | | | | | | 0.07 | I | 0.00002 | I | | | | | 0.14 | c | 0.61 | c | | | | | |
| . | ~Polychlorinated Biphenyls (lowest risk | Change Effect | X. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 129-00-0 | ~Pyrene | Winter 2015 | V | | 1 | 0.13 | | 0.03 | I | | | | | | | 1700 | n | 23000 | n | | | | | 120 | n | | 13 | |
| 129-00-0 | ~Pyrene | Spring 2015 | V | | 1 | 0.13 | | 0.03 | I | | | | | | | 1800 | n | 23000 | n | | | | | 120 | n | | 13 | |
| . | ~Pyrene | Change Effect | | | | | | | | | | | | | | 100 | | | | | | | | | | | | |
| 1746-01-6 | ~TCDD, 2,3,7,8- | Winter 2015 | | | 1 | 0.03 | | 7E-10 | I | 0.00000004 | C | 130000 | C | 38 | C | 0.0000045 | c* | 0.000022 | c* | 0.000000074 | c | 0.0000003 2 | c | 0.0000006 | c* | 0.00003 | 0.0000003 | 0.000015 |
| 1746-01-6 | ~TCDD, 2,3,7,8- | Spring 2015 | V | | 1 | 0.03 | | 7E-10 | I | 0.00000004 | C | 130000 | C | 38 | C | 0.0000048 | c* | 0.000022 | c* | 0.000000074 | c | 0.0000003 2 | c | 0.0000001 2 | c | 0.00003 | 0.000000059 | 0.000015 |
| . | ~TCDD, 2,3,7,8- | Change Effect | X. | | | | | | | | | | | | | | | | | | | | | | X | | | |
| 32598-13-3 | ~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77 | Winter 2015 | | | 1 | 0.14 | | 0.000007 | E | 0.0004 | E | 13 | E | 0.0038 | E | 0.037 | c* | 0.16 | c* | 0.00074 | c | 0.0032 | c | 0.006 | c* | | 0.00094 | |
| 32598-13-3 | ~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77 | Spring 2015 | | | 1 | 0.14 | | 0.000007 | E | 0.0004 | E | 13 | E | 0.0038 | E | 0.038 | c* | 0.16 | c* | 0.00074 | c | 0.0032 | c | 0.006 | c* | | 0.00094 | |
| . | ~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77 | Change Effect | | | | | | | | | | | | | | 0.001 | | | | | | | | | | | | |
| 70362-50-4 | ~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81 | Winter 2015 | | | 1 | 0.14 | | 0.0000023 | E | 0.00013 | E | 39 | E | 0.011 | E | 0.012 | c* | 0.053 | c* | 0.00025 | c | 0.0011 | c | 0.002 | c* | | 0.00031 | |
| 70362-50-4 | ~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81 | Spring 2015 | V | | 1 | 0.14 | | 0.0000023 | E | 0.00013 | E | 39 | E | 0.011 | E | 0.012 | c* | 0.049 | c* | 0.00025 | c | 0.0011 | c | 0.0004 | c | | 0.000062 | |
| . | ~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81 | Change Effect | X. | | | | | | | | | | | | | | | -0.004 | | | | | | -0.0016 | X | | -0.000248 | |
| 78-00-2 | ~Tetraethyl Lead | Winter 2015 | | | 1 | 0.1 | | 0.0000001 | I | | | | | | | 0.0062 | n | 0.082 | n | | | | | 0.0013 | n | | 0.0000047 | |
| 78-00-2 | ~Tetraethyl Lead | Spring 2015 | V | | 1 | | 2.43 | 0.0000001 | I | | | | | | | 0.0078 | n | 0.12 | n | | | | | 0.0013 | n | | 0.0000047 | |
| . | ~Tetraethyl Lead | Change Effect | X. | | | | | | | | | | | | | 0.0016 | | 0.038 | | | | | | | | | | |
| 463-56-9 | ~Thiocyanic Acid | Winter 2015 | | | 1 | | | 0.0002 | X | | | | | | | 16 | n | 230 | n | | | | | 4 | n | | | |
| 463-56-9 | ~Thiocyanic Acid | Spring 2015 | V | | 1 | | | 0.0002 | X | | | | | | | 16 | n | 230 | n | | | | | 4 | n | | | |
| . | ~Thiocyanic Acid | Change Effect | X. | | | | | | | | | | | | | | | | | | | | | | | | | |