**Acute Health-Protective Screening Levels**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Analyte | CAS | HBSL  (ppb) | HBSL Name | Organization |
| 1,1,1-Trichloroethane | 71-55-6 | 12500 | Acute REL | OEHHA |
| 1,2,4-Trimethylbenzene | 95-63-6 | 490 | Acute REL | OEHHA |
| 1,3,5-Trimethylbenzene | 108-67-8 | 490 | Acute REL | OEHHA |
| 1,3-Butadiene | 106-99-0 | 297 | Acute REL | OEHHA |
| 1,4-Dioxane | 123-91-1 | 800 | Acute REL | OEHHA |
| 2-Butanone (MEK) | 78-93-3 | 4500 | Acute REL | OEHHA |
| Acrolein | 107-02-8 | 1.1 | Acute REL | OEHHA |
| Benzene | 71-43-2 | 8 | Acute REL | OEHHA |
| Benzyl Chloride | 100-44-7 | 46 | Acute REL | OEHHA |
| Bromomethane | 74-83-9 | 1000 | Acute REL | OEHHA |
| Carbon Disulfide | 75-15-0 | 2000 | Acute REL | OEHHA |
| Carbon Tetrachloride | 56-23-5 | 300 | Acute REL | OEHHA |
| Chloroform | 67-66-3 | 30 | Acute REL | OEHHA |
| Isopropyl alcohol | 67-63-0 | 1300 | Acute REL | OEHHA |
| Methylene chloride | 75-09-2 | 4000 | Acute REL | OEHHA |
| Styrene | 100-42-5 | 5100 | Acute REL | OEHHA |
| Tetrachloroethylene (PCE) | 127-18-4 | 2900 | Acute REL | OEHHA |
| Toluene | 108-88-3 | 1300 | Acute REL | OEHHA |
| Vinyl chloride | 75-01-4 | 72000 | Acute REL | OEHHA |
| Xylenes, Total | 1330-20-7 | 5000 | Acute REL | OEHHA |
| Carbon Disulfide | 75-15-0 | 2000 | Acute REL | OEHHA |
| Hydrogen Sulfide | 7783-06-4 | 30 | Acute REL | OEHHA |
| Carbonyl sulfide | 463-58-1 | 270 | Acute REL | OEHHA |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 10 | Short-Term AMCV | TCEQ |
| 1,1,2-Trichloroethane | 79-00-5 | 100 | Short-Term AMCV | TCEQ |
| 1,1-Dichloroethane | 75-34-3 | 1000 | Short-Term AMCV | TCEQ |
| 1,1-Dichloroethylene | 75-35-4 | 180 | Short-Term AMCV | TCEQ |
| 1,2-Dibromoethane (EDB) | 106-93-4 | 66 | Short-Term AMCV | TCEQ |
| 1,2-Dichloroethane | 107-06-2 | 540 | Short-Term AMCV | TCEQ |
| 1,2-Dichloropropane | 78-87-5 | 100 | Short-Term AMCV | TCEQ |
| 1-Ethyl-4-methyl benzene | 622-96-8 | 250 | Short-Term AMCV | TCEQ |
| 2-Hexanone (MBK) | 591-78-6 | 10 | Short-Term AMCV | TCEQ |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | 200 | Short-Term AMCV | TCEQ |
| Acetone | 67-64-1 | 11000 | Short-Term AMCV | TCEQ |
| Chlorobenzene | 108-90-7 | 100 | Short-Term AMCV | TCEQ |
| Chloromethane | 74-87-3 | 500 | Short-Term AMCV | TCEQ |
| cis-1,3-Dichloropropene | 10061-01-5 | 9.9 | Short-Term AMCV | TCEQ |
| Cyclohexane | 110-82-7 | 1000 | Short-Term AMCV | TCEQ |
| Dichlorodifluoromethane | 75-71-8 | 10000 | Short-Term AMCV | TCEQ |
| Ethyl acetate | 141-78-6 | 4000 | Short-Term AMCV | TCEQ |
| Ethylbenzene | 100-41-4 | 20000 | Short-Term AMCV | TCEQ |
| Heptane | 142-82-5 | 8300 | Short-Term AMCV | TCEQ |
| Hexane | 110-54-3 | 5400 | Short-Term AMCV | TCEQ |
| Isooctane | 540-84-1 | 4100 | Short-Term AMCV | TCEQ |
| Isopropylbenzene | 98-82-8 | 510 | Short-Term AMCV | TCEQ |
| m+p-Xylenes | 179601-23-1 | 1700 | Short-Term AMCV | TCEQ |
| Methyl-t-butyl ether (MTBE) | 1634-04-4 | 500 | Short-Term AMCV | TCEQ |
| Naphthalene | 91-20-3 | 95 | Short-Term AMCV | TCEQ |
| n-Butane (C4) | 106-97-8 | 92000 | Short-Term AMCV | TCEQ |
| n-Nonane (C9) | 111-84-2 | 3000 | Short-Term AMCV | TCEQ |
| n-Propylbenzene | 103-65-1 | 510 | Short-Term AMCV | TCEQ |
| o-Xylene | 95-47-6 | 1700 | Short-Term AMCV | TCEQ |
| n-Pentane (C5) | 109-66-0 | 68000 | Short-Term AMCV | TCEQ |
| Propylene | 115-07-1 | Simple Asphyxiant | Short-Term AMCV | TCEQ |
| TBA | 75-65-0 | 4900 | Short-Term AMCV | TCEQ |
| trans-1,3-Dichloropropene | 10061-02-6 | 9.9 | Short-Term AMCV | TCEQ |
| Trichloroethylene | 79-01-6 | 100 | Short-Term AMCV | TCEQ |
| Trichlorofluoromethane | 75-69-4 | 10000 | Short-Term AMCV | TCEQ |
| 1,4-Dichlorobenzene | 106-46-7 | 30000 | PAC-1 | No Technical Basis |
| Chloroethane | 75-00-3 | 300000 | PAC-1 | No Technical Basis |
| trans-1,2-Dichloroethylene | 156-60-5 | 280000 | AEGL-1 | USEPA |
| Vinyl acetate | 108-05-4 | 6700 | AEGL-1 | USEPA |
| 1,1-Difluoroethane | 75-37-6 | 10000000 | ERPG-1 | AIHA |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | 1500 | TEEL-1 | DOE |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1 | 1250000 | TEEL-1 | DOE |
| 1,2,4-Trichlorobenzene | 120-82-1 | 450 | PAC-1 | No Technical Basis |
| 1,2-Dichlorobenzene | 95-50-1 | 50000 | PAC-1 | No Technical Basis |
| 1,2-Dichlorotetrafluoroethane | 76-14-2 | 3000000 | PAC-1 | No Technical Basis |
| 1,3-Dichlorobenzene | 541-73-1 | 6000 | PAC-1 | No Technical Basis |
| 2-Chlorotoluene | 95-49-8 | 75000 | PAC-1 | No Technical Basis |
| Allyl chloride | 107-05-1 | 2800 | AEGL-1 | USEPA |
| Bromodichloromethane | 75-27-4 | 190 | TEEL-1 | DOE |
| Bromoform | 75-25-2 | 1500 | PAC-1 | No Technical Basis |
| cis-1,2-Dichloroethylene | 156-59-2 | 140000 | AEGL-1 | USEPA |
| Dibromochloromethane | 124-48-1 | 130 | PAC-1 | No Technical Basis |
| Ethanol | 64-17-5 | 1800000 | ERPG-1 | AIHA |
| Hexachlorobutadiene | 87-68-3 | 1000 | ERPG-1 | AIHA |
| Methyl methacrylate | 80-62-6 | 17000 | AEGL-1 | USEPA |
| Tetrahydrofuran | 109-99-9 | 100000 | ERPG-1 | AIHA |
| Vinyl bromide | 593-60-2 | 39000 | TEEL-1 | DOE |
| 1-Propanethiol | 107-03-9 | 45 | PAC-1 | No Technical Basis |
| Dimethyl sulfide | 75-18-3 | 500 | ERPG-1 | AIHA |
| Ethyl mercaptan | 75-08-1 | 1000 | AEGL-1 | USEPA |
| Methyl mercaptan | 74-93-1 | 5 | ERPG-1 | AIHA |
| Dimethyl disulfide | 624-92-0 | 10 | ERPG-1 | AIHA |
| 2-Propanethiol | 75-33-2 | NE | NE | NE |

**Chronic Health-Protective Screening Levels**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Analyte | CAS | HBSL (ppb) | HBSL Name | Organization |
| 1,1,1-Trichloroethane | 71-55-6 | 200 | Chronic REL | OEHHA |
| 1,1-Dichloroethylene | 75-35-4 | 20 | Chronic REL | OEHHA |
| 1,2,4-Trimethylbenzene | 95-63-6 | 1 | Chronic REL | OEHHA |
| 1,2-Dibromoethane (EDB) | 106-93-4 | 0.1 | Chronic REL | OEHHA |
| 1,2-Dichloroethane | 107-06-2 | 100 | Chronic REL | OEHHA |
| 1,3,5-Trimethylbenzene | 108-67-8 | 1 | Chronic REL | OEHHA |
| 1,3-Butadiene | 106-99-0 | 1 | Chronic REL | OEHHA |
| 1,4-Dichlorobenzene | 106-46-7 | 100 | Chronic REL | OEHHA |
| 1,4-Dioxane | 123-91-1 | 800 | Chronic REL | OEHHA |
| Acrolein | 107-02-8 | 0.15 | Chronic REL | OEHHA |
| Benzene | 71-43-2 | 1 | Chronic REL | OEHHA |
| Bromomethane | 74-83-9 | 1 | Chronic REL | OEHHA |
| Carbon Disulfide | 75-15-0 | 300 | Chronic REL | OEHHA |
| Carbon Tetrachloride | 56-23-5 | 6 | Chronic REL | OEHHA |
| Chlorobenzene | 108-90-7 | 300 | Chronic REL | OEHHA |
| Chloroethane | 75-00-3 | 10000 | Chronic REL | OEHHA |
| Chloroform | 67-66-3 | 50 | Chronic REL | OEHHA |
| Ethylbenzene | 100-41-4 | 400 | Chronic REL | OEHHA |
| Hexane | 110-54-3 | 2000 | Chronic REL | OEHHA |
| Isopropyl alcohol | 67-63-0 | 3000 | Chronic REL | OEHHA |
| Methylene chloride | 75-09-2 | 100 | Chronic REL | OEHHA |
| Methyl-t-butyl ether (MTBE) | 1634-04-4 | 2000 | Chronic REL | OEHHA |
| Naphthalene | 91-20-3 | 2 | Chronic REL | OEHHA |
| Propylene | 115-07-1 | 2000 | Chronic REL | OEHHA |
| Styrene | 100-42-5 | 200 | Chronic REL | OEHHA |
| Tetrachloroethylene (PCE) | 127-18-4 | 5 | Chronic REL | OEHHA |
| Toluene | 108-88-3 | 110 | Chronic REL | OEHHA |
| Trichloroethylene | 79-01-6 | 100 | Chronic REL | OEHHA |
| Vinyl acetate | 108-05-4 | 50 | Chronic REL | OEHHA |
| Xylenes, Total | 1330-20-7 | 200 | Chronic REL | OEHHA |
| Carbon Disulfide | 75-15-0 | 300 | Chronic REL | OEHHA |
| Hydrogen Sulfide | 7783-06-4 | 8 | Chronic REL | OEHHA |
| Carbonyl sulfide | 463-58-1 | 4 | Chronic REL | OEHHA |
| 1,1-Difluoroethane | 75-37-6 | 14810.00 | IRIS RfC | USEPA |
| 1,2-Dichloropropane | 78-87-5 | 0.87 | IRIS RfC | USEPA |
| 2-Butanone (MEK) | 78-93-3 | 1695.33 | IRIS RfC | USEPA |
| 2-Hexanone (MBK) | 591-78-6 | 7.32 | IRIS RfC | USEPA |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | 732.33 | IRIS RfC | USEPA |
| Allyl chloride | 107-05-1 | 0.32 | IRIS RfC | USEPA |
| Chloromethane | 74-87-3 | 43.58 | IRIS RfC | USEPA |
| Cyclohexane | 110-82-7 | 1743.11 | IRIS RfC | USEPA |
| Isopropylbenzene | 98-82-8 | 81.37 | IRIS RfC | USEPA |
| Methyl methacrylate | 80-62-6 | 170.94 | IRIS RfC | USEPA |
| TBA | 75-65-0 | 1649.35 | IRIS RfC | USEPA |
| Tetrahydrofuran | 109-99-9 | 678.13 | IRIS RfC | USEPA |
| Vinyl bromide | 593-60-2 | 0.69 | IRIS RfC | USEPA |
| Vinyl chloride | 75-01-4 | 39.12 | IRIS RfC | USEPA |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1 | 652.45 | PPRTV RfC | USEPA |
| 1,2,4-Trichlorobenzene | 120-82-1 | 0.27 | PPRTV RfC | USEPA |
| Benzyl Chloride | 100-44-7 | 0.19 | PPRTV RfC | USEPA |
| cis-1,2-Dichloroethylene | 156-59-2 | 10.09 | PPRTV RfC | USEPA |
| Ethyl acetate | 141-78-6 | 19.42 | PPRTV RfC | USEPA |
| Heptane | 142-82-5 | 97.60 | PPRTV RfC | USEPA |
| n-Nonane (C9) | 111-84-2 | 3.81 | PPRTV RfC | USEPA |
| n-Pentane (C5) | 109-66-0 | 338.88 | PPRTV RfC | USEPA |
| trans-1,2-Dichloroethylene | 156-60-5 | 10.09 | PPRTV RfC | USEPA |
| o-Xylene | 95-47-6 | 50 | Chronic MRL | ATSDR |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1 | Long-Term AMCV | TCEQ |
| 1,1,2-Trichloroethane | 79-00-5 | 10 | Long-Term AMCV | TCEQ |
| 1,1-Dichloroethane | 75-34-3 | 100 | Long-Term AMCV | TCEQ |
| 1-Ethyl-4-methyl benzene | 622-96-8 | 25 | Long-Term AMCV | TCEQ |
| Acetone | 67-64-1 | 6700 | Long-Term AMCV | TCEQ |
| cis-1,3-Dichloropropene | 10061-01-5 | 0.99 | Long-Term AMCV | TCEQ |
| Dichlorodifluoromethane | 75-71-8 | 1000 | Long-Term AMCV | TCEQ |
| Isooctane | 540-84-1 | 380 | Long-Term AMCV | TCEQ |
| m+p-Xylenes | 179601-23-1 | 140 | Long-Term AMCV | TCEQ |
| n-Butane (C4) | 106-97-8 | 10000 | Long-Term AMCV | TCEQ |
| n-Propylbenzene | 103-65-1 | 51 | Long-Term AMCV | TCEQ |
| trans-1,3-Dichloropropene | 10061-02-6 | 0.99 | Long-Term AMCV | TCEQ |
| Trichlorofluoromethane | 75-69-4 | 1000 | Long-Term AMCV | TCEQ |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | NE | NE | NE |
| 1,2-Dichlorobenzene | 95-50-1 | NE | NE | NE |
| 1,2-Dichlorotetrafluoroethane | 76-14-2 | NE | NE | NE |
| 1,3-Dichlorobenzene | 541-73-1 | NE | NE | NE |
| 2-Chlorotoluene | 95-49-8 | NE | NE | NE |
| Bromodichloromethane | 75-27-4 | NE | NE | NE |
| Bromoform | 75-25-2 | NE | NE | NE |
| Dibromochloromethane | 124-48-1 | NE | NE | NE |
| Ethanol | 64-17-5 | NE | NE | NE |
| Hexachlorobutadiene | 87-68-3 | NE | NE | NE |
| 1-Propanethiol | 107-03-9 | NE | NE | NE |
| 2-Propanethiol | 75-33-2 | NE | NE | NE |
| Dimethyl sulfide | 75-18-3 | NE | NE | NE |
| Ethyl mercaptan | 75-08-1 | NE | NE | NE |
| Methyl mercaptan | 74-93-1 | NE | NE | NE |
| Dimethyl disulfide | 624-92-0 | NE | NE | NE |