# IRIS Chemical Search

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| Chemical Name | CASRN | Guideline Year | WOE Characterization |
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| Acenaphthene | 83-32-9 | 1986 | A (Human carcinogen) |
| Acetaldehyde | 75-07-0 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Acrylamide | 79-06-1 | 2005 | Likely to be carcinogenic to humans |
| Acrylonitrile | 107-13-1 | 1986 | B1 (Probable human carcinogen - based on limited evidence of carcinogenicity in humans) |
| Aldrin | 309-00-2 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Aniline | 62-53-3 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Aramite | 140-57-8 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Arsenic, inorganic | 7440-38-2 | 1986 | A (Human carcinogen) |
| Asbestos | 1332-21-4 | 1986 | A (Human carcinogen) |
| Azobenzene | 103-33-3 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Benz[a]anthracene | 56-55-3 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Benzene | 71-43-2 | 1986 | A (Human carcinogen) |
| Benzene | 71-43-2 | 1996 | Known/likely human carcinogen |
| Benzidine | 92-87-5 | 1986 | A (Human carcinogen) |
| Benzo[a]pyrene (BaP) | 50-32-8 | 2005 | Carcinogenic to humans |
| Benzo[b]fluoranthene | 205-99-2 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Benzo[k]fluoranthene | 207-08-9 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Benzotrichloride | 98-07-7 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Benzyl chloride | 100-44-7 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Beryllium and compounds | 7440-41-7 | 1996 | Known/likely human carcinogen |

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| Beryllium and compounds | 7440-41-7 | 1986 | B1 (Probable human carcinogen - based on limited evidence of carcinogenicity in humans) |
| Bis(chloroethyl)ether (BCEE) | 111-44-4 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Bis(chloromethyl)ether (BCME) | 542-88-1 | 1986 | A (Human carcinogen) |
| Bromate | 15541-45-4 | 1996 | Known/likely human carcinogen |
| Bromate | 15541-45-4 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Bromodichloromethane | 75-27-4 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Bromoform | 75-25-2 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| 1,3-Butadiene | 106-99-0 | 1999 | Carcinogenic to humans |
| Cadmium | 7440-43-9 | 1986 | B1 (Probable human carcinogen - based on limited evidence of carcinogenicity in humans) |
| Carbon tetrachloride | 56-23-5 | 2005 | Likely to be carcinogenic to humans |
| Chlordane (Technical) | 12789-03-6 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Chlordane (Technical) | 12789-03-6 | 1996 | Known/likely human carcinogen |
| Chlordecone (Kepone) | 143-50-0 | 2005 | Likely to be carcinogenic to humans |
| Chloroform | 67-66-3 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Chloroform | 67-66-3 | 1999 | Likely to be carcinogenic to humans |
| Chloromethyl methyl ether (CMME) | 107-30-2 | 1986 | A (Human carcinogen) |
| Chloroprene | 126-99-8 | 2005 | Likely to be carcinogenic to humans |
| Chromium(VI) | 18540-29-9 | 1986 | A (Human carcinogen) |
| Chromium(VI) | 18540-29-9 | 1996 | Known/likely human carcinogen |
| Chrysene | 218-01-9 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Coke oven emissions | | 1986 | A (Human carcinogen) |
| Creosote | 8001-58-9 | 1986 | B1 (Probable human carcinogen - based on limited evidence of carcinogenicity in humans) |
| Di (2-ethylhexyl)phthalate (DEHP) | 117-81-7 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Dibenz[a,h]anthracene | 53-70-3 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| 1,2-Dibromoethane | 106-93-4 | 1999 | Likely to be carcinogenic to humans |

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| Dichloroacetic acid | 79-43-6 | 1999 | Likely to be carcinogenic to humans |
| 3,3'-Dichlorobenzidine | 91-94-1 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| p,p'-Dichlorodiphenyl dichloroethane (DDD) | 72-54-8 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| p,p'-Dichlorodiphenyldichloroethylene (DDE) | 72-55-9 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| p,p'-Dichlorodiphenyltrichloroethane (DDT) | 50-29-3 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| 1,2-Dichloroethane | 107-06-2 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Dichloromethane | 75-09-2 | 2005 | Likely to be carcinogenic to humans |
| 1,3-Dichloropropene | 542-75-6 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| 1,3-Dichloropropene | 542-75-6 | 1996 | Known/likely human carcinogen |
| Dichlorvos | 62-73-7 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Dieldrin | 60-57-1 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Diesel engine exhaust | | 1999 | Likely to be carcinogenic to humans |
| Dimethyl sulfate | 77-78-1 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| 2,4-/2,6-Dinitrotoluene mixture | | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| 1,4-Dioxane | 123-91-1 | 2005 | Likely to be carcinogenic to humans |
| 1,2-Diphenylhydrazine | 122-66-7 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Epichlorohydrin | 106-89-8 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Ethylene oxide | 75-21-8 | 2005 | Carcinogenic to humans |
| Formaldehyde | 50-00-0 | 1986 | B1 (Probable human carcinogen - based on limited evidence of carcinogenicity in humans) |
| Furmecyclox | 60568-05-0 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |

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| Glycidaldehyde | 765-34-4 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Heptachlor | 76-44-8 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Heptachlor epoxide | 1024-57-3 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Hexachlorobenzene | 118-74-1 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| alpha-Hexachlorocyclohexane (alpha-HCH) | 319-84-6 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| technical Hexachlorocyclohexane (t-HCH) | 608-73-1 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Hexachlorodibenzo-p-dioxin (HxCDD), mixture of 1,2,3,6,7,8-HxCDD and 1,2,3,7,8,9-HxCDD | 57653-85-7 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Hexachloroethane | 67-72-1 | 2005 | Likely to be carcinogenic to humans |
| Hydrazine/Hydrazine sulfate | 302-01-2 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Indeno[1,2,3-cd]pyrene | 193-39-5 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Lead and compounds (inorganic) | 7439-92-1 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Libby Amphibole asbestos | | 2005 | Carcinogenic to humans |
| 4,4'-Methylene bis(N,N'-dimethyl)aniline | 101-61-1 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Nickel carbonyl | 13463-39-3 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Nickel refinery dust | | 1986 | A (Human carcinogen) |
| Nickel subsulfide | 12035-72-2 | 1986 | A (Human carcinogen) |
| Nitrobenzene | 98-95-3 | 2005 | Likely to be carcinogenic to humans |
| N-Nitroso-N-methylethylamine | 10595-95-6 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| N-Nitroso-di-n-butylamine | 924-16-3 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |

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| N-Nitrosodi-N-propylamine | 621-64-7 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| N-Nitrosodiethanolamine | 1116-54-7 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| N-Nitrosodiethylamine | 55-18-5 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| N-Nitrosodimethylamine | 62-75-9 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| N-Nitrosodiphenylamine | 86-30-6 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| N-Nitrosopyrrolidine | 930-55-2 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Pentachlorophenol | 87-86-5 | 2005 | Likely to be carcinogenic to humans |
| Polychlorinated biphenyls (PCBs) | 1336-36-3 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Propylene oxide | 75-56-9 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Quinoline | 91-22-5 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Quinoline | 91-22-5 | 1996 | Known/likely human carcinogen |
| Refractory ceramic fibers | | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Selenium sulfide | 7446-34-6 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 2005 | Likely to be carcinogenic to humans |
| Tetrachloroethylene | 127-18-4 | 2005 | Likely to be carcinogenic to humans |
| Toxaphene | 8001-35-2 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| Trichloroethylene | 79-01-6 | 2005 | Carcinogenic to humans |
| 2,4,6-Trichlorophenol | 88-06-2 | 1986 | B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals) |
| 1,2,3-Trichloropropane | 96-18-4 | 2005 | Likely to be carcinogenic to humans |
| Vinyl chloride | 75-01-4 | 1986 | A (Human carcinogen) |
| Vinyl chloride | 75-01-4 | 1996 | Known/likely human carcinogen |