

CERTIFIED TO ISO 9001 & AS9100
CAGE CODE: 7AWJ9

Proposition 65 Non-Use Declaration

Sept 13, 2019

Elmet Technologies LLC certifies that all Elmet products comply with the guidelines of Proposition 65. No substances identified within the guidelines of Proposition 65 are present, nor intentionally added, to the processes used in the manufacture of Elmet products. These products include, but are not limited to, molybdenum and tungsten, including doped and alloyed variants thereof, in the forms of powder, rod, wire, plate, sheet, foil, studs, filaments and assembled components.



Digitally signed by
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STATE OF CALIFORNIA
 ENVIRONMENTAL PROTECTION AGENCY
 OFFICE OF ENVIRONMENTAL HEALTH HAZARD ASSESSMENT
 SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986

CHEMICALS KNOWN TO THE STATE TO CAUSE CANCER OR REPRODUCTIVE TOXICITY
 September 13, 2019

The Safe Drinking Water and Toxic Enforcement Act of 1986 requires that the Governor revise and republish at least once per year the list of chemicals known to the State to cause cancer or reproductive toxicity. The identification number indicated in the following list is the Chemical Abstracts Service (CAS) Registry Number. No CAS number is given when several substances are presented as a single listing. The date refers to the initial appearance of the chemical on the list. For easy reference, chemicals which are shown underlined are newly added. Chemicals or endpoints shown in ~~strikeout~~ were placed on the Proposition 65 list on the date noted, and have subsequently been removed.

| <u>Chemical</u> | <u>Type of Toxicity</u> | <u>CAS No.</u> | <u>Date Listed</u> |
|---|-----------------------------|---------------------|----------------------------|
| A-alpha-C (2-Amino-9H-pyrido [2,3-b]indole) | Cancer | 26148-68-5 | January 1, 1990 |
| Abiraterone acetate | developmental, female, male | 154229-18-2 | April 8, 2016 |
| Acetaldehyde | cancer | 75-07-0 | April 1, 1988 |
| Acetamide | cancer | 60-35-5 | January 1, 1990 |
| Acetazolamide | developmental | 59-66-5 | August 20, 1999 |
| Acetochlor | cancer | 34256-82-1 | January 1, 1989 |
| Acetohydroxamic acid | developmental | 546-88-3 | April 1, 1990 |
| 2-Acetylaminofluorene | cancer | 53-96-3 | July 1, 1987 |
| Acifluorfen sodium | cancer | 62476-59-9 | January 1, 1990 |
| Acrylamide | cancer | 79-06-1 | January 1, 1990 |
| Acrylamide | developmental, male | 79-06-1 | February 25, 2011 |
| Acrylonitrile | cancer | 107-13-1 | July 1, 1987 |
| Actinomycin D | cancer | 50-76-0 | October 1, 1989 |
| Actinomycin D | developmental | 50-76-0 | October 1, 1992 |
| AF-2;[2-(2-furyl)-3-(5-nitro-2-furyl)] acrylamide | cancer | 3688-53-7 | July 1, 1987 |
| Aflatoxins | cancer | --- | January 1, 1988 |
| Alachlor | cancer | 15972-60-8 | January 1, 1989 |
| Alcoholic beverages | cancer | --- | April 29, 2011 |
| Alcoholic beverages, when associated with alcohol abuse | cancer | --- | July 1, 1988 |
| Aldrin | cancer | 309-00-2 | July 1, 1988 |
| All-trans retinoic acid | developmental | 302-79-4 | January 1, 1989 |
| <u>Allyl chloride, Delisted October 29, 1999</u> | cancer | 107-05-1 | January 1, 1990 |
| Aloe Vera, non-decolorized whole leaf extract | cancer | --- | December 4, 2015 |
| Alprazolam | developmental | 28981-97-7 | July 1, 1990 |
| Altretamine | developmental, male | 645-05-6 | August 20, 1999 |
| Amantadine hydrochloride | developmental | 665-66-7 | February 27, 2001 |
| Amikacin sulfate | developmental | 39831-55-5 | July 1, 1990 |
| 2-Aminoanthraquinone | cancer | 117-79-3 | October 1, 1989 |
| p-Aminoazobenzene | cancer | 60-09-3 | January 1, 1990 |
| o-Aminoazotoluene | cancer | 97-56-3 | July 1, 1987 |

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|---|--------------------------------------|---------------------------------|--|
| 4-Aminobiphenyl (4-amino-diphenyl) | cancer | 92-67-1 | February 27, 1987 |
| 2-Amino-4-chlorophenol | cancer | 95-85-2 | September 13, 2019 |
| 1-Amino-2,4-dibromo-anthraquinone | cancer | 81-49-2 | August 26, 1997 |
| 3-Amino-9-ethylcarbazole hydrochloride | cancer | 6109-97-3 | July 1, 1989 |
| 2-Aminofluorene | cancer | 153-78-6 | January 29, 1999 |
| Aminoglutethimide | developmental | 125-84-8 | July 1, 1990 |
| Aminoglycosides | developmental | --- | October 1, 1992 |
| 1-Amino-2-methylantraquinone | cancer | 82-28-0 | October 1, 1989 |
| 2-Amino-5-(5-nitro-2-furyl)-1,3,4-thiadiazole | cancer | 712-68-5 | July 1, 1987 |
| 4-Amino-2-nitrophenol | cancer | 119-34-6 | January 29, 1999 |
| Aminopterin | developmental, female | 54-62-6 | July 1, 1987 |
| Amiodarone hydrochloride | developmental, female, male | 19774-82-4 | August 26, 1997 |
| Amitraz | developmental | 33089-61-1 | March 30, 1999 |
| Amitrole | cancer | 61-82-5 | July 1, 1987 |
| Amoxapine | developmental | 14028-44-5 | May 15, 1998 |
| Amsacrine | cancer | 51264-14-3 | August 7, 2009 |
| <u>tert Amyl methyl ether, Delisted December 13, 2013</u> | <u>developmental</u> | <u>994-05-8</u> | <u>December 18, 2009</u> |
| Anabolic steroids | female, male | --- | April 1, 1990 |
| Analgesic mixtures containing phenacetin | cancer | --- | February 27, 1987 |
| Androstenedione | cancer | 63-05-8 | May 3, 2011 |
| Angiotensin converting enzyme (ACE) inhibitors | developmental | --- | October 1, 1992 |
| Aniline | cancer | 62-53-3 | January 1, 1990 |
| Aniline hydrochloride | cancer | 142-04-1 | May 15, 1998 |
| o-Anisidine | cancer | 90-04-0 | July 1, 1987 |
| o-Anisidine hydrochloride | cancer | 134-29-2 | July 1, 1987 |
| Anisindione | developmental | 117-37-3 | October 1, 1992 |
| Anthraquinone | cancer | 84-65-1 | September 28, 2007 |
| Antimony oxide (Antimony trioxide) | cancer | 1309-64-4 | October 1, 1990 |
| Aramite | cancer | 140-57-8 | July 1, 1987 |
| Areca nut | cancer | --- | February 3, 2006 |
| Aristolochic acids | cancer | --- | July 9, 2004 |
| Arsenic (inorganic arsenic compounds) | cancer | -- | February 27, 1987 |
| Arsenic (inorganic oxides) | developmental | --- | May 1, 1997 |
| Asbestos | cancer | 1332-21-4 | February 27, 1987 |
| Aspirin (NOTE: It is especially important not to use aspirin during the last three months of pregnancy, unless specifically directed to do so by a physician because it may cause problems in the unborn child or complications during delivery.) | developmental, female | 50-78-2 | July 1, 1990 |
| Atenolol | developmental | 29122-68-7 | August 26, 1997 |
| Atrazine | developmental, female | 1912-24-9 | July 15, 2016 |
| Auramine | cancer | 492-80-8 | July 1, 1987 |
| Auranofin | developmental | 34031-32-8 | January 29, 1999 |
| Avermectin B1 (Abamectin) | developmental | 71751-41-2 | December 3, 2010 |
| Azacitidine | cancer | 320-67-2 | January 1, 1992 |
| Azaserine | cancer | 115-02-6 | July 1, 1987 |

| <u>Chemical</u> | <u>Type of Toxicity</u> | <u>CAS No.</u> | <u>Date Listed</u> |
|--|-------------------------------|-------------------------|--------------------------------|
| Azathioprine | cancer | 446-86-6 | February 27, 1987 |
| Azathioprine | developmental | 446-86-6 | September 1, 1996 |
| Azobenzene | cancer | 103-33-3 | January 1, 1990 |
| Barbiturates | developmental | --- | October 1, 1992 |
| Beclomethasone dipropionate | developmental | 5534-09-8 | May 15, 1998 |
| Benomyl | developmental, male | 17804-35-2 | July 1, 1991 |
| Benthiavalicarb-isopropyl | cancer | 177406-68-7 | July 1, 2008 |
| Benz[a]anthracene | cancer | 56-55-3 | July 1, 1987 |
| Benzene | cancer | 71-43-2 | February 27, 1987 |
| Benzene | developmental, male | 71-43-2 | December 26, 1997 |
| Benzidine [and its salts] | cancer | 92-87-5 | February 27, 1987 |
| Benzidine-based dyes | cancer | --- | October 1, 1992 |
| Benzodiazepines | developmental | --- | October 1, 1992 |
| Benzo[b]fluoranthene | cancer | 205-99-2 | July 1, 1987 |
| Benzo[j]fluoranthene | cancer | 205-82-3 | July 1, 1987 |
| Benzo[k]fluoranthene | cancer | 207-08-9 | July 1, 1987 |
| Benzofuran | cancer | 271-89-6 | October 1, 1990 |
| Benzophenone | cancer | 119-61-9 | June 22, 2012 |
| Benzo[a]pyrene | cancer | 50-32-8 | July 1, 1987 |
| Benzotrichloride | cancer | 98-07-7 | July 1, 1987 |
| Benzphetamine hydrochloride | developmental | 5411-22-3 | April 1, 1990 |
| Benzyl chloride | cancer | 100-44-7 | January 1, 1990 |
| Benzyl violet 4B | cancer | 1694-09-3 | July 1, 1987 |
| Beryllium and beryllium compounds | cancer | --- | October 1, 1987 |
| Betel quid with tobacco | cancer | --- | January 1, 1990 |
| Betel quid without tobacco | cancer | --- | February 3, 2006 |
| Bevacizumab | developmental, female | 216974-75-3 | March 8, 2019 |
| 2,2-Bis(bromomethyl)-1,3-propanediol | cancer | 3296-90-0 | May 1, 1996 |
| Bis(2-chloroethyl)ether | cancer | 111-44-4 | April 1, 1988 |
| N,N-Bis(2-chloroethyl)-2-naphthylamine (Chlornapazine) | cancer | 494-03-1 | February 27, 1987 |
| Bischloroethyl nitrosourea (BCNU) (Carmustine) | cancer | 154-93-8 | July 1, 1987 |
| Bischloroethyl nitrosourea (BCNU) (Carmustine) | developmental | 154-93-8 | July 1, 1990 |
| Bis(chloromethyl)ether | cancer | 542-88-1 | February 27, 1987 |
| Bis(2-chloro-1-methylethyl)ether, technical grade | cancer | --- | October 29, 1999 |
| Bisphenol A (BPA) | female | 80-05-7 | May 11, 2015 |
| Bisphenol A (BPA), Delisted April 19, 2013 | developmental | 80-05-7 | April 11, 2013 |
| Bitumens, extracts of steam-refined and air refined | cancer | --- | January 1, 1990 |
| Bracken fern | cancer | --- | January 1, 1990 |
| Bromacil lithium salt | developmental | 53404-19-6 | May 18, 1999 |
| Bromacil lithium salt | male | 53404-19-6 | January 17, 2003 |
| Bromate | cancer | 15541-45-4 | May 31, 2002 |
| Bromochloroacetic acid | cancer | 5589-96-8 | April 6, 2010 |
| Bromodichloroacetic acid | cancer | 71133-14-7 | July 29, 2016 |
| Bromodichloromethane | cancer | 75-27-4 | January 1, 1990 |
| Bromoethane | cancer | 74-96-4 | December 22, 2000 |
| Bromoform | cancer | 75-25-2 | April 1, 1991 |
| 1-Bromopropane (1-BP) | cancer | 106-94-5 | August 5, 2016 |

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|--|-----------------------------|----------------------|----------------------------|
| 1-Bromopropane (1-BP) | developmental, female, male | 106-94-5 | December 7, 2004 |
| 2-Bromopropane (2-BP) | female, male | 75-26-3 | May 31, 2005 |
| Bromoxynil | developmental | 1689-84-5 | October 1, 1990 |
| Bromoxynil octanoate | developmental | 1689-99-2 | May 18, 1999 |
| Butabarbital sodium | developmental | 143-81-7 | October 1, 1992 |
| 1,3-Butadiene | cancer | 106-99-0 | April 1, 1988 |
| 1,3-Butadiene | developmental, female, male | 106-99-0 | April 16, 2004 |
| 1,4-Butanediol dimethanesulfonate (Busulfan) | cancer | 55-98-1 | February 27, 1987 |
| 1,4-Butanediol dimethanesulfonate (Busulfan) | developmental | 55-98-1 | January 1, 1989 |
| Butylated hydroxyanisole | cancer | 25013-16-5 | January 1, 1990 |
| Butyl benzyl phthalate (BBP) | developmental | 85-68-7 | December 2, 2005 |
| n-Butyl glycidyl ether , Delisted April 4, 2014 | male | 2426-08-6 | August 7, 2009 |
| beta-Butyrolactone | cancer | 3068-88-0 | July 1, 1987 |
| Cacodylic acid | cancer | 75-60-5 | May 1, 1996 |
| Cadmium | developmental, male | --- | May 1, 1997 |
| Cadmium and cadmium compounds | cancer | --- | October 1, 1987 |
| Caffeic acid | cancer | 331-39-5 | October 1, 1994 |
| Captafol | cancer | 2425-06-1 | October 1, 1988 |
| Captan | cancer | 133-06-2 | January 1, 1990 |
| Carbamazepine | developmental | 298-46-4 | January 29, 1999 |
| Carbaryl | cancer | 63-25-2 | February 5, 2010 |
| Carbaryl | developmental, female, male | 63-25-2 | August 7, 2009 |
| Carbazole | cancer | 86-74-8 | May 1, 1996 |
| Carbon black (airborne, unbound particles of respirable size) | cancer | 1333-86-4 | February 21, 2003 |
| Carbon-black extracts | cancer | --- | January 1, 1990 |
| Carbon disulfide | developmental, female, male | 75-15-0 | July 1, 1989 |
| Carbon monoxide | developmental | 630-08-0 | July 1, 1989 |
| Carbon tetrachloride | cancer | 56-23-5 | October 1, 1987 |
| Carboplatin | developmental | 41575-94-4 | July 1, 1990 |
| N-Carboxymethyl-N-nitrosourea | cancer | 60391-92-6 | January 25, 2002 |
| Catechol | cancer | 120-80-9 | July 15, 2003 |
| Ceramic fibers (airborne particles of respirable size) | cancer | --- | July 1, 1990 |
| Certain combined chemotherapy for lymphomas | cancer | --- | February 27, 1987 |
| Chenodiol | developmental | 474-25-9 | April 1, 1990 |
| Chloral | cancer | 75-87-6 | September 13, 2013 |
| Chloral hydrate | cancer | 302-17-0 | September 13, 2013 |
| Chlorambucil | cancer | 305-03-3 | February 27, 1987 |
| Chlorambucil | developmental | 305-03-3 | January 1, 1989 |
| Chloramphenicol , Delisted January 4, 2013 | cancer | 56-75-7 | October 1, 1989 |
| Chloramphenicol sodium succinate | cancer | 982-57-0 | September 27, 2013 |
| Chlorcyclizine hydrochloride | developmental | 1620-21-9 | July 1, 1987 |
| Chlordane | cancer | 57-74-9 | July 1, 1988 |
| Chlordecone (Kepone) | cancer | 143-50-0 | January 1, 1988 |
| Chlordecone (Kepone) | developmental | 143-50-0 | January 1, 1989 |

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|--|--|---------------------------|----------------------------|
| Chlordiazepoxide | developmental | 58-25-3 | January 1, 1992 |
| Chlordiazepoxide hydrochloride | developmental | 438-41-5 | January 1, 1992 |
| Chlordimeform | cancer | 6164-98-3 | January 1, 1989 |
| Chlorendic acid | cancer | 115-28-6 | July 1, 1989 |
| Chlorinated paraffins (Average chain length, C12; approximately 60 percent chlorine by weight) | cancer | 108171-26-2 | July 1, 1989 |
| <i>p</i> -Chloroaniline | cancer | 106-47-8 | October 1, 1994 |
| <i>p</i> -Chloroaniline hydrochloride | cancer | 20265-96-7 | May 15, 1998 |
| Chlorodibromomethane, Delisted October 29, 1999 | cancer | 124-48-1 | January 1, 1990 |
| Chloroethane (Ethyl chloride) | cancer | 75-00-3 | July 1, 1990 |
| 1-(2-Chloroethyl)-3-cyclohexyl-1-nitrosourea (CCNU) (Lomustine) | cancer | 13010-47-4 | January 1, 1988 |
| 1-(2-Chloroethyl)-3-cyclohexyl-1-nitrosourea (CCNU) Lomustine) | developmental | 13010-47-4 | July 1, 1990 |
| 1-(2-Chloroethyl)-3-(4-methyl-cyclohexyl) -1-nitrosourea (Methyl-CCNU) | cancer | 13909-09-6 | October 1, 1988 |
| Chloroform | cancer | 67-66-3 | October 1, 1987 |
| Chloroform | developmental | 67-66-3 | August 7, 2009 |
| Chloromethyl methyl ether (technical grade) | cancer | 107-30-2 | February 27, 1987 |
| 3-Chloro-2-methylpropene | cancer | 563-47-3 | July 1, 1989 |
| 1-Chloro-4-nitrobenzene | cancer | 100-00-5 | October 29, 1999 |
| 2-Chloronitrobenzene | cancer | 88-73-3 | September 13, 2019 |
| 4-Chloro- <i>o</i> -phenylenediamine | cancer | 95-83-0 | January 1, 1988 |
| Chloroprene | cancer | 126-99-8 | June 2, 2000 |
| 2-Chloropropionic acid | male | 598-78-7 | August 7, 2009 |
| Chlorothalonil | cancer | 1897-45-6 | January 1, 1989 |
| <i>p</i> -Chloro- <i>o</i> -toluidine | cancer | 95-69-2 | January 1, 1990 |
| <i>p</i> -Chloro- <i>o</i> -toluidine, strong acid salts of | cancer | --- | May 15, 1998 |
| 5-Chloro- <i>o</i> -toluidine and its strong acid salts | cancer | --- | October 24, 1997 |
| Chlorotrianisene | cancer | 569-57-3 | September 1, 1996 |
| <i>p</i> -chloro- α,α,α -trifluorotoluene (<i>para</i> -Chlorobenzotrifluoride, PCBTF) | cancer | 98-56-6 | June 28, 2019 |
| Chlorozotocin | cancer | 54749-90-5 | January 1, 1992 |
| Chlorpyrifos | developmental | 2921-88-2 | December 15, 2017 |
| Chlorsulfuron, Delisted June 6, 2014 | developmental, female, male | 64902-72-3 | May 14, 1999 |
| Chromium (hexavalent compounds) | cancer | --- | February 27, 1987 |
| Chromium (hexavalent compounds) | developmental, female, male | --- | December 19, 2008 |
| Chrysene | cancer | 218-01-9 | January 1, 1990 |
| C.I. Acid Red 114 | cancer | 6459-94-5 | July 1, 1992 |
| C.I. Basic Red 9 monohydrochloride | cancer | 569-61-9 | July 1, 1989 |
| C.I. Direct Blue 15 | cancer | 2429-74-5 | August 26, 1997 |
| C.I. Direct Blue 218 | cancer | 28407-37-6 | August 26, 1997 |
| C.I. Disperse Yellow 3 | cancer | 2832-40-8 | February 8, 2013 |
| C.I. Solvent Yellow 14 | cancer | 842-07-9 | May 15, 1998 |
| Ciclosporin (Cyclosporin A; Cyclosporine) | cancer | 59865-13-3; 79217-60-0 | January 1, 1992 |

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|---|-------------------------------------|--------------------------|----------------------------------|
| Cidofovir | cancer, developmental, female, male | 113852-37-2 | January 29, 1999 |
| Cinnamyl anthranilate | cancer | 87-29-6 | July 1, 1989 |
| Cisplatin | cancer | 15663-27-1 | October 1, 1988 |
| Citrus Red No. 2 | cancer | 6358-53-8 | October 1, 1989 |
| Cladribine | developmental | 4291-63-8 | September 1, 1996 |
| Clarithromycin | developmental | 81103-11-9 | May 1, 1997 |
| Clobetasol propionate | developmental, female | 25122-46-7 | May 15, 1998 |
| Clofibrate | cancer | 637-07-0 | September 1, 1996 |
| Clomiphene citrate | cancer | 50-41-9 | May 24, 2013 |
| Clomiphene citrate | developmental | 50-41-9 | April 1, 1990 |
| Clorazepate dipotassium | developmental | 57109-90-7 | October 1, 1992 |
| CMNP (pyrazachlor) | cancer | 6814-58-0 | August 25, 2015 |
| Cobalt metal powder | cancer | 7440-48-4 | July 1, 1992 |
| Cobalt [II] oxide | cancer | 1307-96-6 | July 1, 1992 |
| Cobalt sulfate | cancer | 10124-43-3 | May 20, 2005 |
| Cobalt sulfate heptahydrate | cancer | 10026-24-1 | June 2, 2000 |
| Cocaine | developmental, female | 50-36-2 | July 1, 1989 |
| Coconut oil diethanolamine condensate (cocamide diethanolamine) | cancer | --- | June 22, 2012 |
| Codeine phosphate | developmental | 52-28-8 | May 15, 1998 |
| Coke oven emissions | cancer | --- | February 27, 1987 |
| Colchicine | developmental, male | 64-86-8 | October 1, 1992 |
| Conjugated estrogens | cancer | --- | February 27, 1987 |
| Conjugated estrogens | developmental | --- | April 1, 1990 |
| Creosotes | cancer | --- | October 1, 1988 |
| p-Cresidine | cancer | 120-71-8 | January 1, 1988 |
| Cumene | cancer | 98-82-8 | April 6, 2010 |
| Cupferron | cancer | 135-20-6 | January 1, 1988 |
| Cyanazine | developmental | 21725-46-2 | April 1, 1990 |
| Cycasin | cancer | 14901-08-7 | January 1, 1988 |
| Cycloate | developmental | 1134-23-2 | March 19, 1999 |
| Cyclohexanol, Delisted January 25, 2002 | male | 108-93-0 | November 6, 1998 |
| Cycloheximide | developmental | 66-81-9 | January 1, 1989 |
| Cyclopenta[cd]pyrene | cancer | 27208-37-3 | April 29, 2011 |
| Cyclophosphamide (anhydrous) | cancer | 50-18-0 | February 27, 1987 |
| Cyclophosphamide (anhydrous) | developmental, female, male | 50-18-0 | January 1, 1989 |
| Cyclophosphamide (hydrated) | cancer | 6055-19-2 | February 27, 1987 |
| Cyclophosphamide (hydrated) | developmental, female, male | 6055-19-2 | January 1, 1989 |
| Cyhexatin | developmental | 13121-70-5 | January 1, 1989 |
| Cytarabine | developmental | 147-94-4 | January 1, 1989 |
| Cytembena | cancer | 21739-91-3 | May 15, 1998 |
| D&C Orange No. 17 | cancer | 3468-63-1 | July 1, 1990 |
| D&C Red No. 8 | cancer | 2092-56-0 | October 1, 1990 |
| D&C Red No. 9 | cancer | 5160-02-1 | July 1, 1990 |
| D&C Red No. 19 | cancer | 81-88-9 | July 1, 1990 |
| Dacarbazine | cancer | 4342-03-4 | January 1, 1988 |
| Dacarbazine | developmental | 4342-03-4 | January 29, 1999 |
| Daminozide | cancer | 1596-84-5 | January 1, 1990 |
| Danazol | developmental | 17230-88-5 | April 1, 1990 |

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|--|-----------------------------|----------------|---------------------------------|
| Dantron (Chrysazin; 1,8-Dihydroxyanthraquinone) | cancer | 117-10-2 | January 1, 1992 |
| Daunomycin | cancer | 20830-81-3 | January 1, 1988 |
| Daunorubicin hydrochloride | developmental | 23541-50-6 | July 1, 1990 |
| 2,4-D butyric acid | developmental, male | 94-82-6 | June 18, 1999 |
| DDD (Dichlorodiphenyl-dichloroethane) | cancer | 72-54-8 | January 1, 1989 |
| DDE (Dichlorodiphenyldichloroethylene) | cancer | 72-55-9 | January 1, 1989 |
| DDT (Dichlorodiphenyltrichloroethane) | cancer | 50-29-3 | October 1, 1987 |
| o,p'-DDT | developmental, female, male | 789-02-6 | May 15, 1998 |
| p,p'-DDT | developmental, female, male | 50-29-3 | May 15, 1998 |
| DDVP (Dichlorvos) | cancer | 62-73-7 | January 1, 1989 |
| Demeclocycline hydrochloride (internal use) | developmental | 64-73-3 | January 1, 1992 |
| Des-ethyl atrazine (DEA) | developmental, female | 6190-65-4 | July 15, 2016 |
| Des-isopropyl atrazine (DIA) | developmental, female | 1007-28-9 | July 15, 2016 |
| N,N'-Diacetylbenzidine | cancer | 613-35-4 | October 1, 1989 |
| 2,4-Diaminoanisole | cancer | 615-05-4 | October 1, 1990 |
| 2,4-Diaminoanisole sulfate | cancer | 39156-41-7 | January 1, 1988 |
| 2,4-Diamino-6-chloro-s-triazine (DACT) | developmental, female | 3397-62-4 | July 15, 2016 |
| 4,4'-Diaminodiphenyl ether (4,4'-Oxydianiline) | cancer | 101-80-4 | January 1, 1988 |
| 2,4-Diaminotoluene | cancer | 95-80-7 | January 1, 1988 |
| Diaminotoluene (mixed), Delisted November 20, 2015 | cancer | --- | January 1, 1990 |
| Diazepam | developmental | 439-14-5 | January 1, 1992 |
| Diazoaminobenzene | cancer | 136-35-6 | May 20, 2005 |
| Diazoxide | developmental | 364-98-7 | February 27, 2001 |
| Dibenz[a,h]acridine | cancer | 226-36-8 | January 1, 1988 |
| Dibenz[a,j]acridine | cancer | 224-42-0 | January 1, 1988 |
| Dibenzanthracenes | cancer | --- | December 26, 2014 |
| Dibenz[a,c]anthracene | cancer | 215-58-7 | December 26, 2014 |
| Dibenz[a,h]anthracene | cancer | 53-70-3 | January 1, 1988 |
| Dibenz[a,j]anthracene | cancer | 224-41-9 | December 26, 2014 |
| 7H-Dibenzo[c,g]carbazole | cancer | 194-59-2 | January 1, 1988 |
| Dibenzo[a,e]pyrene | cancer | 192-65-4 | January 1, 1988 |
| Dibenzo[a,h]pyrene | cancer | 189-64-0 | January 1, 1988 |
| Dibenzo[a,i]pyrene | cancer | 189-55-9 | January 1, 1988 |
| Dibenzo[a,l]pyrene | cancer | 191-30-0 | January 1, 1988 |
| Dibromoacetic acid | cancer | 631-64-1 | June 17, 2008 |
| Dibromoacetonitrile | cancer | 3252-43-5 | May 3, 2011 |
| 1,2-Dibromo-3-chloropropane (DBCP) | cancer | 96-12-8 | July 1, 1987 |
| 1,2-Dibromo-3-chloropropane (DBCP) | male | 96-12-8 | February 27, 1987 |
| 2,3-Dibromo-1-propanol | cancer | 96-13-9 | October 1, 1994 |
| Di-n-butyl phthalate (DBP) | developmental, female, male | 84-74-2 | December 2, 2005 |
| Dichloroacetic acid | cancer | 79-43-6 | May 1, 1996 |
| Dichloroacetic acid | developmental, male | 79-43-6 | August 7, 2009 |
| p-Dichlorobenzene | cancer | 106-46-7 | January 1, 1989 |

| <u>Chemical</u> | <u>Type of Toxicity</u> | <u>CAS No.</u> | <u>Date Listed</u> |
|---|-------------------------|---------------------------|---------------------------------|
| 3,3'-Dichlorobenzidine | cancer | 91-94-1 | October 1, 1987 |
| 3,3'-Dichlorobenzidine dihydrochloride | cancer | 612-83-9 | May 15, 1998 |
| 1,1-Dichloro-2,2-bis(<i>p</i> -chlorophenyl)ethylene (DDE) | developmental, male | 72-55-9 | March 30, 2010 |
| 1,4-Dichloro-2-butene | cancer | 764-41-0 | January 1, 1990 |
| 3,3'-Dichloro-4,4'-diaminodiphenyl ether | cancer | 28434-86-8 | January 1, 1988 |
| 1,1-Dichloroethane | cancer | 75-34-3 | January 1, 1990 |
| Dichloromethane (Methylene chloride) | cancer | 75-09-2 | April 1, 1988 |
| 1,4-Dichloro-2-nitrobenzene | cancer | 89-61-2 | September 13, 2019 |
| 2,4-Dichloro-1-nitrobenzene | cancer | 611-06-3 | September 13, 2019 |
| Dichlorophene | developmental | 97-23-4 | April 27, 1999 |
| 1,2-Dichloropropane | cancer | 78-87-5 | January 1, 1990 |
| 1,3-Dichloro-2-propanol (1,3-DCP) | cancer | 96-23-1 | October 8, 2010 |
| 1,3-Dichloropropene | cancer | 542-75-6 | January 1, 1989 |
| Dichlorophenamide | developmental | 120-97-8 | February 27, 2001 |
| Diclofop-methyl | cancer | 51338-27-3 | April 6, 2010 |
| Diclofop methyl | developmental | 51338-27-3 | March 5, 1999 |
| Dicumarol | developmental | 66-76-2 | October 1, 1992 |
| Dieldrin | cancer | 60-57-1 | July 1, 1988 |
| Dienestrol, Delisted January 4, 2013 | cancer | 84-17-3 | January 1, 1990 |
| Diepoxybutane | cancer | 1464-53-5 | January 1, 1988 |
| Diesel engine exhaust | cancer | --- | October 1, 1990 |
| Diethanolamine | cancer | 111-42-2 | June 22, 2012 |
| Di(2-ethylhexyl)phthalate (DEHP) | cancer | 117-81-7 | January 1, 1988 |
| Di(2-ethylhexyl)phthalate (DEHP) | developmental, male | 117-81-7 | October 24, 2003 |
| 1,2-Diethylhydrazine | cancer | 1615-80-1 | January 1, 1988 |
| Diethylstilbestrol (DES) | cancer | 56-53-1 | February 27, 1987 |
| Diethylstilbestrol (DES) | developmental | 56-53-1 | July 1, 1987 |
| Diethyl sulfate | cancer | 64-67-5 | January 1, 1988 |
| Diflunisal | developmental, female | 22494-42-4 | January 29, 1999 |
| Diglycidyl ether, Delisted April 4, 2014 | male | 2238-07-5 | August 7, 2009 |
| Diglycidyl resorcinol ether (DGRE) | cancer | 101-90-6 | July 1, 1989 |
| Di- <i>n</i> -hexyl phthalate (DnHP) | female, male | 84-75-3 | December 2, 2005 |
| Dihydroergotamine mesylate | developmental | 6190-39-2 | May 1, 1997 |
| Dihydrosafrole | cancer | 94-58-6 | January 1, 1988 |
| Di-isodecyl phthalate (DIDP) | developmental | 68515-49-1/26761-40-0 | April 20, 2007 |
| Diisononyl phthalate (DINP) | cancer | --- | December 20, 2013 |
| Diisopropyl sulfate | cancer | 2973-10-6 | April 1, 1993 |
| Diltiazem hydrochloride | developmental | 33286-22-5 | February 27, 2001 |
| 3,3'-Dimethoxybenzidine (<i>o</i> -Dianisidine) | cancer | 119-90-4 | January 1, 1988 |
| 3,3'-Dimethoxybenzidine dihydrochloride | cancer | 20325-40-0 | October 1, 1990 |
| 3,3'-Dimethoxybenzidine-based dyes metabolized to 3,3'-dimethoxybenzidine | cancer | --- | June 11, 2004 |
| N,N-Dimethylacetamide | cancer | 127-19-5 | September 13, 2019 |
| N,N-Dimethylacetamide | developmental, male | 127-19-5 | May 21, 2010 |
| 4-Dimethylaminoazobenzene | cancer | 60-11-7 | January 1, 1988 |

| <u>Chemical</u> | <u>Type of Toxicity</u> | <u>CAS No.</u> | <u>Date Listed</u> |
|---|-------------------------|----------------|--------------------|
| <i>trans</i> -2-[(Dimethylamino)methyl-imino]-5-[2-(5-nitro-2-furyl)vinyl]-1,3,4-oxadiazole | cancer | 55738-54-0 | January 1, 1988 |
| 7,12-Dimethylbenz(a)anthracene | cancer | 57-97-6 | January 1, 1990 |
| 3,3'-Dimethylbenzidine (ortho-Tolidine) | cancer | 119-93-7 | January 1, 1988 |
| 3,3'-Dimethylbenzidine-based dyes metabolized to 3,3'-dimethylbenzidine | cancer | --- | June 11, 2004 |
| 3,3'-Dimethylbenzidine dihydrochloride | cancer | 612-82-8 | April 1, 1992 |
| Dimethylcarbamoyl chloride | cancer | 79-44-7 | January 1, 1988 |
| N,N-Dimethylformamide | cancer | 68-12-2 | October 27, 2017 |
| 1,1-Dimethylhydrazine (UDMH) | cancer | 57-14-7 | October 1, 1989 |
| 1,2-Dimethylhydrazine | cancer | 540-73-8 | January 1, 1988 |
| 2,6-Dimethyl-N-nitrosomorpholine (DMNM) | cancer | 1456-28-6 | February 8, 2013 |
| Dimethyl sulfate | cancer | 77-78-1 | January 1, 1988 |
| N,N-Dimethyl- <i>p</i> -toluidine | cancer | 99-97-8 | May 2, 2014 |
| Dimethylvinylchloride | cancer | 513-37-1 | July 1, 1989 |
| <i>m</i> -Dinitrobenzene | male | 99-65-0 | July 1, 1990 |
| <i>o</i> -Dinitrobenzene | male | 528-29-0 | July 1, 1990 |
| <i>p</i> -Dinitrobenzene | male | 100-25-4 | July 1, 1990 |
| 3,7-Dinitrofluoranthene | cancer | 105735-71-5 | August 26, 1997 |
| 3,9-Dinitrofluoranthene | cancer | 22506-53-2 | August 26, 1997 |
| 1,3-Dinitropyrene | cancer | 75321-20-9 | November 2, 2012 |
| 1,6-Dinitropyrene | cancer | 42397-64-8 | October 1, 1990 |
| 1,8-Dinitropyrene | cancer | 42397-65-9 | October 1, 1990 |
| Dinitrotoluene (technical grade) | female, male | --- | August 20, 1999 |
| 2,4-Dinitrotoluene | cancer | 121-14-2 | July 1, 1988 |
| 2,4-Dinitrotoluene | male | 121-14-2 | August 20, 1999 |
| 2,6-Dinitrotoluene | cancer | 606-20-2 | July 1, 1995 |
| 2,6-Dinitrotoluene | male | 606-20-2 | August 20, 1999 |
| Dinitrotoluene mixture, 2,4-/2,6- | cancer | --- | May 1, 1996 |
| Dinocap | developmental | 39300-45-3 | April 1, 1990 |
| Dinoseb | developmental, male | 88-85-7 | January 1, 1989 |
| Di- <i>n</i> -propyl isocinchomeronate (MGK Repellent 326) | cancer | 136-45-8 | May 1, 1996 |
| 1,4-Dioxane | cancer | 123-91-1 | January 1, 1988 |
| Diphenylhydantoin (Phenytoin) | cancer | 57-41-0 | January 1, 1988 |
| Diphenylhydantoin (Phenytoin) | developmental | 57-41-0 | July 1, 1987 |
| Diphenylhydantoin (Phenytoin), sodium salt | cancer | 630-93-3 | January 1, 1988 |
| Direct Black 38 (technical grade) | cancer | 1937-37-7 | January 1, 1988 |
| Direct Blue 6 (technical grade) | cancer | 2602-46-2 | January 1, 1988 |
| Direct Brown 95 (technical grade) | cancer | 16071-86-6 | October 1, 1988 |
| Disodium cyanodithioimido-carbonate | developmental | 138-93-2 | March 30, 1999 |
| Disperse Blue 1 | cancer | 2475-45-8 | October 1, 1990 |
| Diuron | cancer | 330-54-1 | May 31, 2002 |
| Doxorubicin hydrochloride (Adriamycin) | cancer | 25316-40-9 | July 1, 1987 |
| Doxorubicin hydrochloride (Adriamycin) | developmental, male | 25316-40-9 | January 29, 1999 |
| Doxycycline (internal use) | developmental | 564-25-0 | July 1, 1990 |
| Doxycycline calcium (internal use) | developmental | 94088-85-4 | January 1, 1992 |

| <u>Chemical</u> | <u>Type of Toxicity</u> | <u>CAS No.</u> | <u>Date Listed</u> |
|---|--------------------------------------|--|---|
| Doxycycline hyclate (internal use) | developmental | 24390-14-5 | October 1, 1991 |
| Doxycycline monohydrate (internal use) | developmental | 17086-28-1 | October 1, 1991 |
| <u>2,4-DP (dichloroprop), Delisted January 25, 2002</u> | <u>developmental</u> | <u>120-36-5</u> | <u>April 27, 1999</u> |
| Emissions from combustion of coal | cancer | --- | August 7, 2013 |
| Emissions from high-temperature unrefined rapeseed oil | cancer | --- | January 3, 2014 |
| Endrin | developmental | 72-20-8 | May 15, 1998 |
| Environmental tobacco smoke (ETS) | developmental | --- | June 9, 2006 |
| Epichlorohydrin | cancer | 106-89-8 | October 1, 1987 |
| Epichlorohydrin | male | 106-89-8 | September 1, 1996 |
| Epoxiconazole | cancer | 135319-73-2 | April 15, 2011 |
| Ergotamine tartrate | developmental | 379-79-3 | April 1, 1990 |
| Erionite | cancer | 12510-42-8/66733-21-9 | October 1, 1988 |
| Estradiol 17B | cancer | 50-28-2 | January 1, 1988 |
| Estragole | cancer | 140-67-0 | October 29, 1999 |
| Estrogens, steroidal | cancer | --- | August 19, 2005 |
| Estrogen-progestogen (combined) used as menopausal therapy | cancer | --- | November 4, 2011 |
| Estrone | cancer | 53-16-7 | January 1, 1988 |
| Estropipate | cancer, developmental | 7280-37-7 | August 26, 1997 |
| Ethinylestradiol | cancer | 57-63-6 | January 1, 1988 |
| Ethionamide | developmental | 536-33-4 | August 26, 1997 |
| Ethoprop | cancer | 13194-48-4 | February 27, 2001 |
| Ethyl acrylate | cancer | 140-88-5 | July 1, 1989 |
| Ethyl alcohol in alcoholic beverages | developmental | --- | October 1, 1987 |
| Ethylbenzene | cancer | 100-41-4 | June 11, 2004 |
| <u>Ethyl tert butyl ether, Delisted December 13, 2013</u> | <u>male</u> | <u>637-92-3</u> | <u>December 18, 2009</u> |
| Ethyl dipropylthiocarbamate | developmental | 759-94-4 | April 27, 1999 |
| Ethyl-4,4'-dichlorobenzilate | cancer | 510-15-6 | January 1, 1990 |
| Ethylene dibromide | cancer | 106-93-4 | July 1, 1987 |
| Ethylene dibromide | developmental, male | 106-93-4 | May 15, 1998 |
| Ethylene dichloride (1,2-Dichloroethane) | cancer | 107-06-2 | October 1, 1987 |
| Ethylene glycol (ingested) | developmental | 107-21-1 | June 19, 2015 |
| Ethylene glycol monoethyl ether | developmental, male | 110-80-5 | January 1, 1989 |
| Ethylene glycol monoethyl ether acetate | developmental, male | 111-15-9 | January 1, 1993 |
| Ethylene glycol monomethyl ether | developmental, male | 109-86-4 | January 1, 1989 |
| Ethylene glycol monomethyl ether acetate | developmental, male | 110-49-6 | January 1, 1993 |
| Ethyleneimine (Aziridine) | cancer | 151-56-4 | January 1, 1988 |
| Ethylene oxide | cancer | 75-21-8 | July 1, 1987 |
| Ethylene oxide | female | 75-21-8 | February 27, 1987 |
| Ethylene oxide | developmental, male | 75-21-8 | August 7, 2009 |
| Ethylene thiourea | cancer | 96-45-7 | January 1, 1988 |
| Ethylene thiourea | developmental | 96-45-7 | January 1, 1993 |
| <u>2-Ethylhexanoic acid, Delisted December 13, 2013</u> | <u>developmental</u> | <u>149-57-5</u> | <u>August 7, 2009</u> |
| Ethyl methanesulfonate | cancer | 62-50-0 | January 1, 1988 |
| Etodolac | developmental, female | 41340-25-4 | August 20, 1999 |

| <u>Chemical</u> | <u>Type of Toxicity</u> | <u>CAS No.</u> | <u>Date Listed</u> |
|---|--------------------------------|----------------|--------------------|
| Etoposide | cancer | 33419-42-0 | November 4, 2011 |
| Etoposide | developmental | 33419-42-0 | July 1, 1990 |
| Etoposide in combination with cisplatin and bleomycin | cancer | --- | November 4, 2011 |
| Etretinate | developmental | 54350-48-0 | July 1, 1987 |
| Fenoxaprop ethyl | developmental | 66441-23-4 | March 26, 1999 |
| Fenoxycarb | cancer | 72490-01-8 | June 2, 2000 |
| Filgrastim | developmental | 121181-53-1 | February 27, 2001 |
| Fluazifop butyl | developmental | 69806-50-4 | November 6, 1998 |
| Flunisolide | developmental, female | 3385-03-3 | May 15, 1998 |
| Fluorouracil | developmental | 51-21-8 | January 1, 1989 |
| Fluoxymesterone | developmental | 76-43-7 | April 1, 1990 |
| Flurazepam hydrochloride | developmental | 1172-18-5 | October 1, 1992 |
| Flurbiprofen | developmental, female | 5104-49-4 | August 20, 1999 |
| Flutamide | developmental | 13311-84-7 | July 1, 1990 |
| Fluticasone propionate | developmental | 80474-14-2 | May 15, 1998 |
| Fluvalinate | developmental | 69409-94-5 | November 6, 1998 |
| Folpet | cancer | 133-07-3 | January 1, 1989 |
| Formaldehyde (gas) | cancer | 50-00-0 | January 1, 1988 |
| 2-(2-Formylhydrazino)-4-(5-nitro-2- furyl)thiazole | cancer | 3570-75-0 | January 1, 1988 |
| Fumonisin B ₁ | cancer | 116355-83-0 | November 14, 2003 |
| Furan | cancer | 110-00-9 | October 1, 1993 |
| Furazolidone | cancer | 67-45-8 | January 1, 1990 |
| Furfuryl alcohol | cancer | 98-00-0 | September 30, 2016 |
| Furmecyclox | cancer | 60568-05-0 | January 1, 1990 |
| Fusarin C | cancer | 79748-81-5 | July 1, 1995 |
| Gallium arsenide | cancer | 1303-00-0 | August 1, 2008 |
| Ganciclovir | cancer, developmental, male | 82410-32-0 | August 26, 1997 |
| Ganciclovir sodium | developmental, male | 107910-75-8 | August 26, 1997 |
| Gasoline engine exhaust (condensates/extracts) | cancer | --- | October 1, 1990 |
| Gemfibrozil | cancer | 25812-30-0 | December 22, 2000 |
| Gemfibrozil | female, male | 25812-30-0 | August 20, 1999 |
| Gentian violet (Crystal violet) | cancer | 548-62-9 | November 23, 2018 |
| Glass wool fibers (inhalable and biopersistent) | cancer | --- | July 1, 1990 |
| Glu-P-1 (2-Amino-6-methyldipyrido [1,2- a:3',2'-d]imidazole) | cancer | 67730-11-4 | January 1, 1990 |
| Glu-P-2 (2-Aminodipyrido [1,2- a:3',2'-d]imidazole) | cancer | 67730-10-3 | January 1, 1990 |
| Glycidaldehyde | cancer | 765-34-4 | January 1, 1988 |
| Glycidol | cancer | 556-52-5 | July 1, 1990 |
| Glyphosate | cancer | 1071-83-6 | July 7, 2017 |
| Goldenseal root powder | cancer | --- | December 4, 2015 |
| Goserelin acetate | developmental, female, male | 65807-02-5 | August 26, 1997 |
| Griseofulvin | cancer | 126-07-8 | January 1, 1990 |
| Gyromitrin (Acetaldehyde methylformylhydrazone) | cancer | 16568-02-8 | January 1, 1988 |
| Halazepam | developmental | 23092-17-3 | July 1, 1990 |
| Halobetasol propionate | developmental | 66852-54-8 | August 20, 1999 |

| <u>Chemical</u> | <u>Type of Toxicity</u> | <u>CAS No.</u> | <u>Date Listed</u> |
|---|-------------------------|-----------------------------|---------------------------------|
| Haloperidol | developmental, female | 52-86-8 | January 29, 1999 |
| Halothane | developmental | 151-67-7 | September 1, 1996 |
| HC Blue 1 | cancer | 2784-94-3 | July 1, 1989 |
| Heptachlor | cancer | 76-44-8 | July 1, 1988 |
| Heptachlor | developmental | 76-44-8 | August 20, 1999 |
| Heptachlor epoxide | cancer | 1024-57-3 | July 1, 1988 |
| Herbal remedies containing plant species of the genus <i>Aristolochia</i> | cancer | --- | July 9, 2004 |
| Hexachlorobenzene | cancer | 118-74-1 | October 1, 1987 |
| Hexachlorobenzene | developmental | 118-74-1 | January 1, 1989 |
| Hexachlorobutadiene | cancer | 87-68-3 | May 3, 2011 |
| Hexachlorocyclohexane (technical grade) | cancer | --- | October 1, 1987 |
| Hexachlorodibenzodioxin | cancer | 34465-46-8 | April 1, 1988 |
| Hexachloroethane | cancer | 67-72-1 | July 1, 1990 |
| 2,4-Hexadienal (89% trans, trans isomer; 11% cis, trans isomer) | cancer | --- | March 4, 2005 |
| Hexafluoroacetone | developmental, male | 684-16-2 | August 1, 2008 |
| Hexamethylphosphoramide | cancer | 680-31-9 | January 1, 1988 |
| Hexamethylphosphoramide | male | 680-31-9 | October 1, 1994 |
| <i>n</i> -Hexane | male | 110-54-3 | December 15, 2017 |
| 2,5-Hexanedione | male | 110-13-4 | December 4, 2015 |
| Histrelin acetate | developmental | --- | May 15, 1998 |
| Hydramethylnon | developmental, male | 67485-29-4 | March 5, 1999 |
| Hydrazine | cancer | 302-01-2 | January 1, 1988 |
| Hydrazine sulfate | cancer | 10034-93-2 | January 1, 1988 |
| Hydrazobenzene (1,2-Diphenylhydrazine) | cancer | 122-66-7 | January 1, 1988 |
| Hydrogen cyanide (HCN) and cyanide salts (CN salts) | male | --- | July 5, 2013 |
| 1-Hydroxyanthraquinone | cancer | 129-43-1 | May 27, 2005 |
| Hydroxyurea | developmental | 127-07-1 | May 1, 1997 |
| Idarubicin hydrochloride | developmental, male | 57852-57-0 | August 20, 1999 |
| Ifosfamide | developmental | 3778-73-2 | July 1, 1990 |
| Iodine-131 | developmental | 10043-66-0 | January 1, 1989 |
| Imazalil | cancer | 35554-44-0 | May 20, 2011 |
| Indeno[1,2,3-cd]pyrene | cancer | 193-39-5 | January 1, 1988 |
| Indium phosphide | cancer | 22398-80-7 | February 27, 2001 |
| IQ (2-Amino-3-methylimidazo [4,5-f] quinoline) | cancer | 76180-96-6 | April 1, 1990 |
| Iprodione | cancer | 36734-19-7 | May 1, 1996 |
| Iprovalicarb | cancer | 140923-17-7/ 140923-25-7 | June 1, 2007 |
| Iron dextran complex | cancer | 9004-66-4 | January 1, 1988 |
| Isobutyl nitrite | cancer | 542-56-3 | May 1, 1996 |
| Isoprene | cancer | 78-79-5 | May 1, 1996 |
| Isopyrazam | cancer | 881685-58-1 | July 24, 2012 |
| Isosafrole, Delisted December 8, 2006 | cancer | 120-58-1 | October 1, 1989 |
| Isotretinoin | developmental | 4759-48-2 | July 1, 1987 |
| Isoxaflutole | cancer | 141112-29-0 | December 22, 2000 |
| Kresoxim-methyl | cancer | 143390-89-0 | February 3, 2012 |
| Lactofen | cancer | 77501-63-4 | January 1, 1989 |

| <u>Chemical</u> | <u>Type of Toxicity</u> | <u>CAS No.</u> | <u>Date Listed</u> |
|--|-----------------------------|----------------|--------------------|
| Lasiocarpine | cancer | 303-34-4 | April 1, 1988 |
| Lead | developmental, female, male | --- | February 27, 1987 |
| Lead and lead compounds | cancer | --- | October 1, 1992 |
| Lead acetate | cancer | 301-04-2 | January 1, 1988 |
| Lead phosphate | cancer | 7446-27-7 | April 1, 1988 |
| Lead subacetate | cancer | 1335-32-6 | October 1, 1989 |
| Leather dust | cancer | --- | April 29, 2011 |
| Leuprolide acetate | developmental, female, male | 74381-53-6 | August 26, 1997 |
| Levodopa | developmental | 59-92-7 | January 29, 1999 |
| Levonorgestrel implants | female | 797-63-7 | May 15, 1998 |
| Lindane and other hexachloro-cyclohexane isomers | cancer | --- | October 1, 1989 |
| Linuron | developmental | 330-55-2 | March 19, 1999 |
| Lithium carbonate | developmental | 554-13-2 | January 1, 1991 |
| Lithium citrate | developmental | 919-16-4 | January 1, 1991 |
| Lorazepam | developmental | 846-49-1 | July 1, 1990 |
| Lovastatin | developmental | 75330-75-5 | October 1, 1992 |
| Lynestrenol | cancer | 52-76-6 | February 27, 2001 |
| Malathion | cancer | 121-75-5 | May 20, 2016 |
| Malonaldehyde, sodium salt | cancer | 24382-04-5 | May 3, 2011 |
| Mancozeb | cancer | 8018-01-7 | January 1, 1990 |
| Maneb | cancer | 12427-38-2 | January 1, 1990 |
| Marijuana smoke | cancer | --- | June 19, 2009 |
| Me-A-alpha-C (2-Amino-3-methyl-9H-pyrido[2,3-b]indole) | cancer | 68006-83-7 | January 1, 1990 |
| Mebendazole | developmental | 31431-39-7 | August 20, 1999 |
| Medroxyprogesterone acetate | cancer | 71-58-9 | January 1, 1990 |
| Medroxyprogesterone acetate | developmental | 71-58-9 | April 1, 1990 |
| Megestrol acetate | cancer | 595-33-5 | March 28, 2014 |
| Megestrol acetate | developmental | 595-33-5 | January 1, 1991 |
| MelQ (2-Amino-3,4-dimethylimidazo[4,5-f]quinoline) | cancer | 77094-11-2 | October 1, 1994 |
| MelQx (2-Amino-3,8-dimethylimidazo[4,5-f]quinoxaline) | cancer | 77500-04-0 | October 1, 1994 |
| Melphalan | cancer | 148-82-3 | February 27, 1987 |
| Melphalan | developmental | 148-82-3 | July 1, 1990 |
| Menotropins | developmental | 9002-68-0 | April 1, 1990 |
| Mepaniprym | cancer | 110235-47-7 | July 1, 2008 |
| Meproamate | developmental | 57-53-4 | January 1, 1992 |
| 2-Mercaptobenzothiazole | cancer | 149-30-4 | October 27, 2017 |
| Mercaptopurine | developmental | 6112-76-1 | July 1, 1990 |
| Mercury and mercury compounds | developmental | --- | July 1, 1990 |
| Merphalan | cancer | 531-76-0 | April 1, 1988 |
| Mestranol | cancer | 72-33-3 | April 1, 1988 |
| Metam potassium | cancer | 137-41-7 | December 31, 2010 |
| Methacycline hydrochloride | developmental | 3963-95-9 | January 1, 1991 |
| Metham sodium | cancer | 137-42-8 | November 6, 1998 |
| Metham sodium | developmental | 137-42-8 | May 15, 1998 |
| Methanol | developmental | 67-56-1 | March 16, 2012 |
| Methazole | developmental | 20354-26-1 | December 1, 1999 |
| Methimazole | developmental | 60-56-0 | July 1, 1990 |
| Methotrexate | developmental | 59-05-2 | January 1, 1989 |

| <u>Chemical</u> | <u>Type of Toxicity</u> | <u>CAS No.</u> | <u>Date Listed</u> |
|---|-------------------------------|--------------------------|-----------------------------------|
| Methotrexate sodium | developmental | 15475-56-6 | April 1, 1990 |
| 5-Methoxypsoralen with ultraviolet A therapy | cancer | 484-20-8 | October 1, 1988 |
| 8-Methoxypsoralen with ultraviolet A therapy | cancer | 298-81-7 | February 27, 1987 |
| 2-Methylaziridine (Propyleneimine) | cancer | 75-55-8 | January 1, 1988 |
| Methylazoxymethanol | cancer | 590-96-5 | April 1, 1988 |
| Methylazoxymethanol acetate | cancer | 592-62-1 | April 1, 1988 |
| Methyl bromide, as a structural fumigant | developmental | 74-83-9 | January 1, 1993 |
| Methyl carbamate | cancer | 598-55-0 | May 15, 1998 |
| Methyl chloride | developmental | 74-87-3 | March 10, 2000 |
| Methyl chloride | male | 74-87-3 | August 7, 2009 |
| 3-Methylcholanthrene | cancer | 56-49-5 | January 1, 1990 |
| 5-Methylchrysene | cancer | 3697-24-3 | April 1, 1988 |
| 4,4'-Methylene bis(2-chloroaniline) | cancer | 101-14-4 | July 1, 1987 |
| 4,4'-Methylene bis(N,N-dimethyl) benzenamine | cancer | 101-61-1 | October 1, 1989 |
| 4,4'-Methylene bis(2-methylaniline) | cancer | 838-88-0 | April 1, 1988 |
| 4,4'-Methylenedianiline | cancer | 101-77-9 | January 1, 1988 |
| 4,4'-Methylenedianiline dihydrochloride | cancer | 13552-44-8 | January 1, 1988 |
| Methyleugenol | cancer | 93-15-2 | November 16, 2001 |
| Methylhydrazine and its salts | cancer | --- | July 1, 1992 |
| 2-Methylimidazole | cancer | 693-98-1 | June 22, 2012 |
| 4-Methylimidazole | cancer | 822-36-6 | January 7, 2011 |
| Methyl iodide | cancer | 74-88-4 | April 1, 1988 |
| Methyl isobutyl ketone | cancer | 108-10-1 | November 4, 2011 |
| Methyl isobutyl ketone (MIBK) | developmental | 108-10-1 | March 28, 2014 |
| Methyl isocyanate (MIC) | developmental, female | 624-83-9 | November 12, 2010 |
| Methyl isopropyl ketone, Delisted April 4, 2014 | developmental | 563-80-4 | February 17, 2012 |
| Methyl mercury | developmental | --- | July 1, 1987 |
| Methylmercury compounds | cancer | --- | May 1, 1996 |
| Methyl methanesulfonate | cancer | 66-27-3 | April 1, 1988 |
| Methyl-n-butyl ketone | male | 591-78-6 | August 7, 2009 |
| Methyl-n-butyl ketone | developmental | 591-78-6 | December 4, 2015 |
| 2-Methyl-1-nitroanthraquinone (of uncertain purity) | cancer | 129-15-7 | April 1, 1988 |
| N-Methyl-N'-nitro-N-nitrosoguanidine | cancer | 70-25-7 | April 1, 1988 |
| N-Methylolacrylamide | cancer | 924-42-5 | July 1, 1990 |
| N-Methylpyrrolidone | developmental | 872-50-4 | June 15, 2001 |
| α-Methyl styrene (alpha-Methylstyrene) | cancer | 98-83-9 | November 2, 2012 |
| α-Methyl styrene, Delisted April 4, 2014 | female | 98-83-9 | July 29, 2011 |
| Methyltestosterone | developmental | 58-18-4 | April 1, 1990 |
| Methylthiouracil | cancer | 56-04-2 | October 1, 1989 |
| Metiram | cancer | 9006-42-2 | January 1, 1990 |
| Metiram | developmental | 9006-42-2 | March 30, 1999 |
| Metronidazole | cancer | 443-48-1 | January 1, 1988 |
| Michler's ketone | cancer | 90-94-8 | January 1, 1988 |
| Midazolam hydrochloride | developmental | 59467-96-8 | July 1, 1990 |
| Minocycline hydrochloride (internal use) | developmental | 13614-98-7 | January 1, 1992 |

| <u>Chemical</u> | <u>Type of Toxicity</u> | <u>CAS No.</u> | <u>Date Listed</u> |
|--|--------------------------------|---------------------------|--------------------|
| Mirex | cancer | 2385-85-5 | January 1, 1988 |
| Misoprostol | developmental | 59122-46-2 | April 1, 1990 |
| Mitomycin C | cancer | 50-07-7 | April 1, 1988 |
| Mitoxantrone hydrochloride | cancer | 70476-82-3 | January 23, 2015 |
| Mitoxantrone hydrochloride | developmental | 70476-82-3 | July 1, 1990 |
| Molinate | developmental, female, male | 2212-67-1 | December 11, 2009 |
| MON 4660 (dichloroacetyl-1-oxa-4-azaspiro(4,5)-decane) | cancer | 71526-07-3 | March 22, 2011 |
| MON 13900 (furilazole) | cancer | 121776-33-8 | March 22, 2011 |
| 3-Monochloropropane-1,2-diol (3-MCPD) | cancer | 96-24-2 | October 8, 2010 |
| Monocrotaline | cancer | 315-22-0 | April 1, 1988 |
| MOPP (vincristine-prednisone-nitrogen mustard-procarbazine mixture) | cancer | 113803-47-7 | November 4, 2011 |
| 5-(Morpholinomethyl)-3-[(5-nitrofurfuryl-idene)-amino]-2-oxazolidinone | cancer | 139-91-3 | April 1, 1988 |
| Mustard Gas | cancer | 505-60-2 | February 27, 1987 |
| MX (3-chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone) | cancer | 77439-76-0 | December 22, 2000 |
| Myclobutanil | developmental, male | 88671-89-0 | April 16, 1999 |
| beta-Myrcene | cancer | 123-35-3 | March 27, 2015 |
| Nabam | developmental | 142-59-6 | March 30, 1999 |
| Nafarelin acetate | developmental | 86220-42-0 | April 1, 1990 |
| Nafenopin | cancer | 3771-19-5 | April 1, 1988 |
| Nalidixic acid | cancer | 389-08-2 | May 15, 1998 |
| Naphthalene | cancer | 91-20-3 | April 19, 2002 |
| 1-Naphthylamine | cancer | 134-32-7 | October 1, 1989 |
| 2-Naphthylamine | cancer | 91-59-8 | February 27, 1987 |
| Neomycin sulfate (internal use) | developmental | 1405-10-3 | October 1, 1992 |
| Netilmicin sulfate | developmental | 56391-57-2 | July 1, 1990 |
| Nickel (Metallic) | cancer | 7440-02-0 | October 1, 1989 |
| Nickel acetate | cancer | 373-02-4 | October 1, 1989 |
| Nickel carbonate | cancer | 3333-67-3 | October 1, 1989 |
| Nickel carbonyl | cancer | 13463-39-3 | October 1, 1987 |
| Nickel carbonyl | developmental | 13463-39-3 | September 1, 1996 |
| Nickel compounds | cancer | --- | May 7, 2004 |
| Nickel (soluble compounds) | developmental, male | --- | October 26, 2018 |
| Nickel hydroxide | cancer | 12054-48-7; 12125-56-3 | October 1, 1989 |
| Nickelocene | cancer | 1271-28-9 | October 1, 1989 |
| Nickel oxide | cancer | 1313-99-1 | October 1, 1989 |
| Nickel refinery dust from the pyrometallurgical process | cancer | --- | October 1, 1987 |
| Nickel subsulfide | cancer | 12035-72-2 | October 1, 1987 |
| Nicotine | developmental | 54-11-5 | April 1, 1990 |
| Nifedipine | developmental, female, male | 21829-25-4 | January 29, 1999 |
| Nimodipine | developmental | 66085-59-4 | April 24, 2001 |
| Niridazole | cancer | 61-57-4 | April 1, 1988 |
| Nitrapyrin | cancer | 1929-82-4 | October 5, 2005 |
| Nitrapyrin | developmental | 1929-82-4 | March 30, 1999 |
| Nitrilotriacetic acid | cancer | 139-13-9 | January 1, 1988 |

| <u>Chemical</u> | <u>Type of Toxicity</u> | <u>CAS No.</u> | <u>Date Listed</u> |
|--|-------------------------|--------------------|----------------------------|
| Nitrilotriacetic acid, trisodium salt monohydrate | cancer | 18662-53-8 | April 1, 1989 |
| 5-Nitroacenaphthene | cancer | 602-87-9 | April 1, 1988 |
| 5-Nitro-<i>o</i>-anisidine, Delisted December 8, 2006 | cancer | 99-59-2 | October 1, 1989 |
| <i>o</i> -Nitroanisole | cancer | 91-23-6 | October 1, 1992 |
| <i>para</i> -Nitroanisole | cancer | 100-17-4 | September 13, 2019 |
| Nitrobenzene | cancer | 98-95-3 | August 26, 1997 |
| Nitrobenzene | male | 98-95-3 | March 30, 2010 |
| 4-Nitrobiphenyl | cancer | 92-93-3 | April 1, 1988 |
| 6-Nitrochrysene | cancer | 7496-02-8 | October 1, 1990 |
| Nitrofen (technical grade) | cancer | 1836-75-5 | January 1, 1988 |
| 2-Nitrofluorene | cancer | 607-57-8 | October 1, 1990 |
| Nitrofurantoin | male | 67-20-9 | April 1, 1991 |
| Nitrofurazone | cancer | 59-87-0 | January 1, 1990 |
| 1-[(5-Nitrofurfurylidene)-amino]-2-imidazolidinone | cancer | 555-84-0 | April 1, 1988 |
| N-[4-(5-Nitro-2-furyl)-2-thiazolyl]acetamide | cancer | 531-82-8 | April 1, 1988 |
| Nitrogen mustard (Mechlorethamine) | cancer | 51-75-2 | January 1, 1988 |
| Nitrogen mustard (Mechlorethamine) | developmental | 51-75-2 | January 1, 1989 |
| Nitrogen mustard hydrochloride (Mechlorethamine hydrochloride) | cancer | 55-86-7 | April 1, 1988 |
| Nitrogen mustard hydrochloride (Mechlorethamine hydrochloride) | developmental | 55-86-7 | July 1, 1990 |
| Nitrogen mustard N-oxide | cancer | 126-85-2 | April 1, 1988 |
| Nitrogen mustard N-oxide hydrochloride | cancer | 302-70-5 | April 1, 1988 |
| Nitromethane | cancer | 75-52-5 | May 1, 1997 |
| 2-Nitropropane | cancer | 79-46-9 | January 1, 1988 |
| 1-Nitropyrene | cancer | 5522-43-0 | October 1, 1990 |
| 4-Nitropyrene | cancer | 57835-92-4 | October 1, 1990 |
| N-Nitrosodi- <i>n</i> -butylamine | cancer | 924-16-3 | October 1, 1987 |
| N-Nitrosodiethanolamine | cancer | 1116-54-7 | January 1, 1988 |
| N-Nitrosodiethylamine | cancer | 55-18-5 | October 1, 1987 |
| N-Nitrosodimethylamine | cancer | 62-75-9 | October 1, 1987 |
| <i>p</i> -Nitrosodiphenylamine | cancer | 156-10-5 | January 1, 1988 |
| N-Nitrosodiphenylamine | cancer | 86-30-6 | April 1, 1988 |
| N-Nitrosodi- <i>n</i> -propylamine | cancer | 621-64-7 | January 1, 1988 |
| N-Nitroso-N-ethylurea | cancer | 759-73-9 | October 1, 1987 |
| N-Nitrosohexamethyleneimine | cancer | 932-83-2 | November 23, 2018 |
| 3-(N-Nitrosomethylamino)-propionitrile | cancer | 60153-49-3 | April 1, 1990 |
| 4-(N-Nitrosomethylamino)-1-(3-pyridyl)1-butanone | cancer | 64091-91-4 | April 1, 1990 |
| N-Nitrosomethyl- <i>n</i> -butylamine | cancer | 7068-83-9 | December 26, 2014 |
| N-Nitrosomethyl- <i>n</i> -decylamine | cancer | 75881-22-0 | December 26, 2014 |
| N-Nitrosomethyl- <i>n</i> -dodecylamine | cancer | 55090-44-3 | December 26, 2014 |
| N-Nitrosomethylethylamine | cancer | 10595-95-6 | October 1, 1989 |
| N-Nitrosomethyl- <i>n</i> -heptylamine | cancer | 16338-99-1 | December 26, 2014 |
| N-Nitrosomethyl- <i>n</i> -hexylamine | cancer | 28538-70-7 | December 26, 2014 |
| N-Nitrosomethyl- <i>n</i> -nonylamine | cancer | 75881-19-5 | December 26, 2014 |
| N-Nitrosomethyl- <i>n</i> -octylamine | cancer | 34423-54-6 | December 26, 2014 |
| N-Nitrosomethyl- <i>n</i> -pentylamine | cancer | 13256-07-0 | December 26, 2014 |

| <u>Chemical</u> | <u>Type of Toxicity</u> | <u>CAS No.</u> | <u>Date Listed</u> |
|---|--------------------------------|-------------------------|--------------------------------|
| N-Nitrosomethyl- <i>n</i> -propylamine | cancer | 924-46-9 | December 26, 2014 |
| N-Nitrosomethyl- <i>n</i> -tetradecylamine | cancer | 75881-20-8 | December 26, 2014 |
| N-Nitrosomethyl- <i>n</i> -undecylamine | cancer | 68107-26-6 | December 26, 2014 |
| N-Nitroso-N-methylurea | cancer | 684-93-5 | October 1, 1987 |
| N-Nitroso-N-methylurethane | cancer | 615-53-2 | April 1, 1988 |
| N-Nitrosomethylvinylamine | cancer | 4549-40-0 | January 1, 1988 |
| N-Nitrosomorpholine | cancer | 59-89-2 | January 1, 1988 |
| N-Nitrosornicotine | cancer | 16543-55-8 | January 1, 1988 |
| N-Nitrosopiperidine | cancer | 100-75-4 | January 1, 1988 |
| N-Nitrosopyrrolidine | cancer | 930-55-2 | October 1, 1987 |
| N-Nitrososarcosine | cancer | 13256-22-9 | January 1, 1988 |
| <i>o</i> -Nitrotoluene | cancer | 88-72-2 | May 15, 1998 |
| Nitrous oxide | developmental, female | 10024-97-2 | August 1, 2008 |
| Norethisterone (Norethindrone) | cancer | 68-22-4 | October 1, 1989 |
| Norethisterone (Norethindrone) | developmental | 68-22-4 | April 1, 1990 |
| Norethisterone acetate (Norethindrone acetate) | developmental | 51-98-9 | October 1, 1991 |
| Norethisterone (Norethindrone) /Ethinyl estradiol | developmental | 68-22-4 / 57- 63-6 | April 1, 1990 |
| Norethisterone(Norethindrone)/ Mestranol | developmental | 68-22-4 / 72- 33-3 | April 1, 1990 |
| Norethynodrel | cancer | 68-23-5 | February 27, 2001 |
| Norgestrel | developmental | 6533-00-2 | April 1, 1990 |
| Ochratoxin A | cancer | 303-47-9 | July 1, 1990 |
| Oil Orange SS | cancer | 2646-17-5 | April 1, 1988 |
| Oral contraceptives, combined | cancer | --- | October 1, 1989 |
| Oral contraceptives, sequential | cancer | --- | October 1, 1989 |
| Oryzalin | cancer | 19044-88-3 | September 12, 2008 |
| Oxadiazon | cancer | 19666-30-9 | July 1, 1991 |
| Oxadiazon | developmental | 19666-30-9 | May 15, 1998 |
| Oxazepam | cancer | 604-75-1 | October 1, 1994 |
| Oxazepam | developmental | 604-75-1 | October 1, 1992 |
| p,p'-Oxybis(benzenesulfonyl hydrazide) , Delisted December 13, 2013 | developmental | 80-51-3 | August 7, 2009 |
| Oxydemeton methyl | female, male | 301-12-2 | November 6, 1998 |
| Oxymetholone | cancer | 434-07-1 | January 1, 1988 |
| Oxymetholone | developmental | 434-07-1 | May 1, 1997 |
| Oxytetracycline (internal use) | developmental | 79-57-2 | January 1, 1991 |
| Oxytetracycline hydrochloride (internal use) | developmental | 2058-46-0 | October 1, 1991 |
| Oxythioquinox (Chinomethionat) | cancer | 2439-01-2 | August 20, 1999 |
| Oxythioquinox (Chinomethionat) | developmental | 2439-01-2 | November 6, 1998 |
| Paclitaxel | developmental, female, male | 33069-62-4 | August 26, 1997 |
| Palygorskite fibers (> 5µm in length) | cancer | 12174-11-7 | December 28, 1999 |
| Panfuran S | cancer | 794-93-4 | January 1, 1988 |
| Paramethadione | developmental | 115-67-3 | July 1, 1990 |
| Parathion | cancer | 56-38-2 | May 20, 2016 |
| Penicillamine | developmental | 52-67-5 | January 1, 1991 |
| Pentabromodiphenyl ether mixture [DE-71 (technical grade)] | cancer | --- | July 7, 2017 |
| Pentachlorophenol | cancer | 87-86-5 | January 1, 1990 |

| <u>Chemical</u> | <u>Type of Toxicity</u> | <u>CAS No.</u> | <u>Date Listed</u> |
|--|-------------------------|---------------------|---------------------------|
| Pentachlorophenol and by-products of its synthesis (complex mixture) | cancer | --- | October 21, 2016 |
| Pentobarbital sodium | developmental | 57-33-0 | July 1, 1990 |
| Pentosan polysulfate sodium | cancer | --- | April 18, 2014 |
| Pentostatin | developmental | 53910-25-1 | September 1, 1996 |
| Perfluorooctane sulfonate (PFOS) | developmental | 1763-23-1 | November 10, 2017 |
| Perfluorooctanoic acid (PFOA) | developmental | 335-67-1 | November 10, 2017 |
| Pertuzumab | developmental | 380610-27-5 | January 27, 2017 |
| Phenacemide | developmental | 63-98-9 | July 1, 1990 |
| Phenacetin | cancer | 62-44-2 | October 1, 1989 |
| Phenazopyridine | cancer | 94-78-0 | January 1, 1988 |
| Phenazopyridine hydrochloride | cancer | 136-40-3 | January 1, 1988 |
| Phenesterin | cancer | 3546-10-9 | July 1, 1989 |
| Phenobarbital | cancer | 50-06-6 | January 1, 1990 |
| Phenolphthalein | cancer | 77-09-8 | May 15, 1998 |
| Phenoxybenzamine | cancer | 59-96-1 | April 1, 1988 |
| Phenoxybenzamine hydrochloride | cancer | 63-92-3 | April 1, 1988 |
| Phenprocoumon | developmental | 435-97-2 | October 1, 1992 |
| <i>o</i> -Phenylenediamine and its salts | cancer | 95-54-5 | May 15, 1998 |
| Phenyl glycidyl ether | cancer | 122-60-1 | October 1, 1990 |
| Phenyl glycidyl ether, Delisted April 4, 2014 | male | 122-60-1 | August 7, 2009 |
| Phenylhydrazine and its salts | cancer | --- | July 1, 1992 |
| <i>o</i> -Phenylphenate, sodium | cancer | 132-27-4 | January 1, 1990 |
| <i>o</i> -Phenylphenol | cancer | 90-43-7 | August 4, 2000 |
| Phenylphosphine | developmental | 638-21-1 | August 7, 2009 |
| PhiP(2-Amino-1-methyl-6-phenylimidazol[4,5-b]pyridine) | cancer | 105650-23-5 | October 1, 1994 |
| Pimozide | developmental, female | 2062-78-4 | August 20, 1999 |
| Pioglitazone | cancer | 111025-46-8 | April 18, 2014 |
| Pipobroman | developmental | 54-91-1 | July 1, 1990 |
| Pirimicarb | cancer | 23103-98-2 | July 1, 2008 |
| Plicamycin | developmental | 18378-89-7 | April 1, 1990 |
| Polybrominated biphenyls | cancer | --- | January 1, 1988 |
| Polybrominated biphenyls | developmental | --- | October 1, 1994 |
| Polychlorinated biphenyls | cancer | --- | October 1, 1989 |
| Polychlorinated biphenyls | developmental | --- | January 1, 1991 |
| Polychlorinated biphenyls (containing 60 or more percent chlorine by molecular weight) | cancer | --- | January 1, 1988 |
| Polychlorinated dibenzo- <i>p</i> -dioxins | cancer | --- | October 1, 1992 |
| Polychlorinated dibenzofurans | cancer | --- | October 1, 1992 |
| Polygeenan | cancer | 53973-98-1 | January 1, 1988 |
| Ponceau MX | cancer | 3761-53-3 | April 1, 1988 |
| Ponceau 3R | cancer | 3564-09-8 | April 1, 1988 |
| Potassium bromate | cancer | 7758-01-2 | January 1, 1990 |
| Potassium dimethyldithiocarbamate | developmental | 128-03-0 | March 30 1999 |
| Pravastatin sodium | developmental | 81131-70-6 | March 3, 2000 |
| Prednisolone sodium phosphate | developmental | 125-02-0 | August 20, 1999 |
| Primidone | cancer | 125-33-7 | August 20, 1999 |
| Procarbazine | cancer | 671-16-9 | January 1, 1988 |
| Procarbazine hydrochloride | cancer | 366-70-1 | January 1, 1988 |
| Procarbazine hydrochloride | developmental | 366-70-1 | July 1, 1990 |
| Procymidone | cancer | 32809-16-8 | October 1, 1994 |
| Progesterone | cancer | 57-83-0 | January 1, 1988 |
| Pronamide | cancer | 23950-58-5 | May 1, 1996 |

| <u>Chemical</u> | <u>Type of Toxicity</u> | <u>CAS No.</u> | <u>Date Listed</u> |
|--|-------------------------|--------------------------|---------------------------------|
| Propachlor | cancer | 1918-16-7 | February 27, 2001 |
| 1,3-Propane sultone | cancer | 1120-71-4 | January 1, 1988 |
| Propargite | cancer | 2312-35-8 | October 1, 1994 |
| Propargite | developmental | 2312-35-8 | June 15, 1999 |
| Propazine | developmental, female | 139-40-2 | July 15, 2016 |
| beta-Propiolactone | cancer | 57-57-8 | January 1, 1988 |
| Propoxur | cancer | 114-26-1 | August 11, 2006 |
| Propylene glycol mono- <i>t</i> -butyl ether | cancer | 57018-52-7 | June 11, 2004 |
| Propylene oxide | cancer | 75-56-9 | October 1, 1988 |
| Propylthiouracil | cancer | 51-52-5 | January 1, 1988 |
| Propylthiouracil | developmental | 51-52-5 | July 1, 1990 |
| Pulegone | cancer | 89-82-7 | April 18, 2014 |
| Pymetrozine | cancer | 123312-89-0 | March 22, 2011 |
| Pyridine | cancer | 110-86-1 | May 17, 2002 |
| Pyrimethamine | developmental | 58-14-0 | January 29, 1999 |
| Quazepam | developmental | 36735-22-5 | August 26, 1997 |
| Quinoline and its strong acid salts | cancer | --- | October 24, 1997 |
| Quizalofop-ethyl | male | 76578-14-8 | December 24, 1999 |
| Radionuclides | cancer | --- | July 1, 1989 |
| Reserpine | cancer | 50-55-5 | October 1, 1989 |
| Residual (heavy) fuel oils | cancer | --- | October 1, 1990 |
| Resmethrin | cancer | 10453-86-8 | July 1, 2008 |
| Resmethrin | developmental | 10453-86-8 | November 6, 1998 |
| Retinol/retinyl esters, when in daily dosages in excess of 10,000 IU, or 3,000 retinol equivalents. (NOTE: Retinol/retinyl esters are required and essential for maintenance of normal reproductive function. The recommended daily level during pregnancy is 8,000 IU.) | developmental | --- | July 1, 1989 |
| Ribavirin | developmental | 36791-04-5 | April 1, 1990 |
| Ribavirin | male | 36791-04-5 | February 27, 2001 |
| Riddelliine | cancer | 23246-96-0 | December 3, 2004 |
| Rifampin | developmental, female | 13292-46-1 | February 27, 2001 |
| Saccharin, Delisted April 6, 2001 | cancer | 81-07-2 | October 1, 1989 |
| Saccharin, sodium, Delisted January 17, 2003 | cancer | 128-44-9 | January 1, 1988 |
| Safrole | cancer | 94-59-7 | January 1, 1988 |
| Salted fish, Chinese-style | cancer | --- | April 29, 2011 |
| Secobarbital sodium | developmental | 309-43-3 | October 1, 1992 |
| Sedaxane | cancer | 874967-67-6 | July 1, 2016 |
| Selenium sulfide | cancer | 7446-34-6 | October 1, 1989 |
| Sermorelin acetate | developmental | --- | August 20, 1999 |
| Shale-oils | cancer | 68308-34-9 | April 1, 1990 |
| Silica, crystalline (airborne particles of respirable size) | cancer | --- | October 1, 1988 |
| Simazine | developmental, female | 122-34-9 | July 15, 2016 |
| Sodium dimethyldithiocarbamate | developmental | 128-04-1 | March 30 1999 |
| Sodium fluoroacetate | male | 62-74-8 | November 6, 1998 |

| <u>Chemical</u> | <u>Type of Toxicity</u> | <u>CAS No.</u> | <u>Date Listed</u> |
|---|-----------------------------|----------------|--------------------|
| Soots, tars, and mineral oils(untreated and mildly treated oils and used engine oils) | cancer | --- | February 27, 1987 |
| Spirodiclofen | cancer | 148477-71-8 | October 8, 2010 |
| Spironolactone | cancer | 52-01-7 | May 1, 1997 |
| Stanozolol | cancer | 10418-03-8 | May 1, 1997 |
| Sterigmatocystin | cancer | 10048-13-2 | April 1, 1988 |
| Streptomycin sulfate | developmental | 3810-74-0 | January 1, 1991 |
| Streptozocin (streptozotocin) | developmental, female, male | 18883-66-4 | August 20, 1999 |
| Streptozotocin (streptozocin) | cancer | 18883-66-4 | January 1, 1988 |
| Strong inorganic acid mists containing sulfuric acid | cancer | --- | March 14, 2003 |
| Styrene | cancer | 100-42-5 | April 22, 2016 |
| Styrene oxide | cancer | 96-09-3 | October 1, 1988 |
| Sulfallate | cancer | 95-06-7 | January 1, 1988 |
| Sulfasalazine (Salicylazosulfapyridine) | cancer | 599-79-1 | May 15, 1998 |
| Sulfasalazine (Salicylazosulfapyridine) | male | 599-79-1 | January 29, 1999 |
| Sulfur dioxide | developmental | 7446-09-5 | July 29, 2011 |
| Sulindac | developmental, female | 38194-50-2 | January 29, 1999 |
| Talc containing asbestiform fibers | cancer | --- | April 1, 1990 |
| Tamoxifen and its salts | cancer | 10540-29-1 | September 1, 1996 |
| Tamoxifen citrate | developmental | 54965-24-1 | July 1, 1990 |
| Temazepam | developmental | 846-50-4 | April 1, 1990 |
| Teniposide | developmental | 29767-20-2 | September 1, 1996 |
| Terbacil | developmental | 5902-51-2 | May 18, 1999 |
| Teriparatide | cancer | 52232-67-4 | August 14, 2015 |
| Terrazole | cancer | 2593-15-9 | October 1, 1994 |
| Testosterone and its esters | cancer | 58-22-0 | April 1, 1988 |
| Testosterone cypionate | developmental | 58-20-8 | October 1, 1991 |
| Testosterone enanthate | developmental | 315-37-7 | April 1, 1990 |
| Tetrabromobisphenol A | cancer | 79-94-7 | October 27, 2017 |
| 3,3',4,4'-Tetrachloroazobenzene | cancer | 14047-09-7 | July 24, 2012 |
| 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) | cancer | 1746-01-6 | January 1, 1988 |
| 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) | developmental | 1746-01-6 | April 1, 1991 |
| 1,1,1,2-Tetrachloroethane | cancer | 630-20-6 | September 13, 2013 |
| 1,1,2,2-Tetrachloroethane | cancer | 79-34-5 | July 1, 1990 |
| Tetrachloroethylene (Perchloroethylene) | cancer | 127-18-4 | April 1, 1988 |
| p-a,a,a-Tetrachlorotoluene | cancer | 5216-25-1 | January 1, 1990 |
| Tetrachlorvinphos | cancer | 22248-79-9 | May 20, 2016 |
| Tetracycline (internal use) | developmental | 60-54-8 | October 1, 1991 |
| Tetracyclines (internal use) | developmental | --- | October 1, 1992 |
| Tetracycline hydrochloride (internal use) | developmental | 64-75-5 | January 1, 1991 |
| Tetrafluoroethylene | cancer | 116-14-3 | May 1, 1997 |
| Tetranitromethane | cancer | 509-14-8 | July 1, 1990 |
| Thalidomide | developmental | 50-35-1 | July 1, 1987 |
| Thioacetamide | cancer | 62-55-5 | January 1, 1988 |
| 4,4'-Thiodianiline | cancer | 139-65-1 | April 1, 1988 |

| <u>Chemical</u> | <u>Type of Toxicity</u> | <u>CAS No.</u> | <u>Date Listed</u> |
|---|-----------------------------|----------------------|----------------------------|
| Thiodicarb | cancer | 59669-26-0 | August 20, 1999 |
| Thioguanine | developmental | 154-42-7 | July 1, 1990 |
| Thiophanate methyl | female, male | 23564-05-8 | May 18, 1999 |
| Thiouracil | cancer | 141-90-2 | June 11, 2004 |
| Thiourea | cancer | 62-56-6 | January 1, 1988 |
| Thorium dioxide | cancer | 1314-20-1 | February 27, 1987 |
| Titanium dioxide (airborne, unbound particles of respirable size) | cancer | --- | September 2, 2011 |
| Tobacco, oral use of smokeless products | cancer | --- | April 1, 1988 |
| Tobacco smoke | cancer | --- | April 1, 1988 |
| Tobacco smoke (primary) | developmental, female, male | --- | April 1, 1988 |
| Tobramycin sulfate | developmental | 49842-07-1 | July 1, 1990 |
| Toluene | developmental | 108-88-3 | January 1, 1991 |
| | female | 108-88-3 | August 7, 2009 |
| Toluene diisocyanate | cancer | 26471-62-5 | October 1, 1989 |
| o-Toluidine | cancer | 95-53-4 | January 1, 1988 |
| o-Toluidine hydrochloride | cancer | 636-21-5 | January 1, 1988 |
| para-Toluidine, Delisted October 29, 1999 | cancer | 106-49-0 | January 1, 1990 |
| Topiramate | developmental | 97240-79-4 | November 27, 2015 |
| Toxaphene (Polychlorinated camphenes) | cancer | 8001-35-2 | January 1, 1988 |
| Toxins derived from <i>Fusarium</i> Moniliforme (<i>Fusarium verticillioides</i>) | cancer | --- | August 7, 2009 |
| Treosulfan | cancer | 299-75-2 | February 27, 1987 |
| Triadimefon | developmental, female, male | 43121-43-3 | March 30, 1999 |
| Triamterene | cancer | 396-01-0 | April 18, 2014 |
| Triazolam | developmental | 28911-01-5 | April 1, 1990 |
| S,S,S-Tributyl phosphorotrithioate (Tribufos, DEF) | cancer | 78-48-8 | February 25, 2011 |
| Tributyltin methacrylate | developmental | 2155-70-6 | December 1, 1999 |
| Trichlormethine (Trimustine hydrochloride) | cancer | 817-09-4 | January 1, 1992 |
| Trichloroacetic acid | cancer | 76-03-9 | September 13, 2013 |
| Trichloroethylene | cancer | 79-01-6 | April 1, 1988 |
| Trichloroethylene | developmental, male | 79-01-6 | January 31, 2014 |
| 2,4,6-Trichlorophenol | cancer | 88-06-2 | January 1, 1988 |
| 1,2,3-Trichloropropane | cancer | 96-18-4 | October 1, 1992 |
| Trientine hydrochloride | developmental | 38260-01-4 | February 27, 2001 |
| Triforine | developmental | 26644-46-2 | June 18, 1999 |
| 1,3,5-Triglycidyl-s-triazinetriene, Delisted December 13, 2013 | male | 2451-62-9 | August 7, 2009 |
| Trilostane | developmental | 13647-35-3 | April 1, 1990 |
| Trimethadione | developmental | 127-48-0 | January 1, 1991 |
| 2,4,5-Trimethylaniline and its strong acid salts | cancer | --- | October 24, 1997 |
| Trimethyl phosphate | cancer | 512-56-1 | May 1, 1996 |
| Trimetrexate glucuronate | developmental | 82952-64-5 | August 26, 1997 |
| TRIM® VX | cancer | --- | May 25, 2018 |
| 2,4,6-Trinitrotoluene (TNT) | cancer | 118-96-7 | December 19, 2008 |
| Triphenyltin hydroxide | cancer | 76-87-9 | July 1, 1992 |
| Triphenyltin hydroxide | developmental | 76-87-9 | March 18, 2002 |

| <u>Chemical</u> | <u>Type of Toxicity</u> | <u>CAS No.</u> | <u>Date Listed</u> |
|--|-------------------------------|--------------------|----------------------------|
| Tris(aziridinyl)-p-benzoquinone (Triaziquone), Delisted December 8, 2006 | cancer | 68-76-8 | October 1, 1989 |
| Tris(1-aziridinyl)phosphine sulfide (Thiotepa) | cancer | 52-24-4 | January 1, 1988 |
| Tris(2-chloroethyl) phosphate | cancer | 115-96-8 | April 1, 1992 |
| Tris(2,3-dibromopropyl)phosphate | cancer | 126-72-7 | January 1, 1988 |
| Tris(1,3-dichloro-2-propyl) phosphate (TDCPP) | cancer | 13674-87-8 | October 28, 2011 |
| Trp-P-1 (Tryptophan-P-1) | cancer | 62450-06-0 | April 1, 1988 |
| Trp-P-2 (Tryptophan-P-2) | cancer | 62450-07-1 | April 1, 1988 |
| Unleaded gasoline (wholly vaporized) | cancer | --- | April 1, 1988 |
| Uracil mustard | cancer | 66-75-1 | April 1, 1988 |
| Uracil mustard | developmental, female, male | 66-75-1 | January 1, 1992 |
| Urethane (Ethyl carbamate) | cancer | 51-79-6 | January 1, 1988 |
| Urethane (Ethyl carbamate) | developmental | 51-79-6 | October 1, 1994 |
| Urofollitropin | developmental | 97048-13-0 | April 1, 1990 |
| Valproate (Valproic acid) | developmental | 99-66-1 | July 1, 1987 |
| Vanadium pentoxide (orthorhombic crystalline form) | cancer | 1314-62-1 | February 11, 2005 |
| Vinblastine sulfate | developmental | 143-67-9 | July 1, 1990 |
| Vinclozolin | cancer | 50471-44-8 | August 20, 1999 |
| Vinclozolin | developmental | 50471-44-8 | May 15, 1998 |
| Vincristine sulfate | developmental | 2068-78-2 | July 1, 1990 |
| Vinyl bromide | cancer | 593-60-2 | October 1, 1988 |
| Vinyl chloride | cancer | 75-01-4 | February 27, 1987 |
| 4-Vinylcyclohexene | cancer | 100-40-3 | May 1, 1996 |
| 4-Vinyl-cyclohexene | female, male | 100-40-3 | August 7, 2009 |
| 4-Vinyl-1-cyclohexene diepoxide (Vinyl cyclohexene dioxide) | cancer | 106-87-6 | July 1, 1990 |
| Vinyl cyclohexene dioxide (4-Vinyl-1-cyclohexene diepoxide) | female, male | 106-87-6 | August 1, 2008 |
| Vinyl fluoride | cancer | 75-02-5 | May 1, 1997 |
| Vinylidene chloride (1,1-Dichloroethylene) | cancer | 75-35-4 | December 29, 2017 |
| Vinyl trichloride (1,1,2-Trichloroethane) | cancer | 79-00-5 | October 1, 1990 |
| Vismodegib | developmental, female, male | 879085-55-9 | January 27, 2017 |
| Warfarin | developmental | 81-81-2 | July 1, 1987 |
| Wood dust | cancer | --- | December 18, 2009 |
| 2,6-Xylidine (2,6-Dimethylaniline) | cancer | 87-62-7 | January 1, 1991 |
| Zalcitabine | cancer | 7481-89-2 | August 7, 2009 |
| Zidovudine (AZT) | cancer | 30516-87-1 | December 18, 2009 |
| Zileuton | cancer, developmental, female | 111406-87-2 | December 22, 2000 |

[Zineb, Delisted October 29, 1999](#)
Date: September 13, 2019

Chemical

Type of Toxicity

CAS No.

Date Listed