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 December 31, 2021

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

Chemical 4-Aminobiphenyl (4-amino-diphenyl) 2-Amino-4-chlorophenol 1-Amino-2,4-dibromo- anthraquinone	Type of Toxicity cancer cancer cancer	<u>CAS No.</u> 92-67-1 95-85-2 81-49-2	<u>Date Listed</u> February 27, 1987 September 13, 2019 August 26, 1997
3-Amino-9-ethylcarbazole hydrochloride	cancer	6109-97-3	July 1, 1989
2-Aminofluorene Aminoglutethimide Aminoglycosides 1-Amino-2-methylanthraquinone 2-Amino-5-(5-nitro-2-furyl)-1,3,4- thiadiazole	cancer developmental developmental cancer cancer	153-78-6 125-84-8 82-28-0 712-68-5	January 29, 1999 July 1, 1990 October 1, 1992 October 1, 1989 July 1, 1987
4-Amino-2-nitrophenol Aminopterin Amiodarone hydrochloride	cancer developmental, female developmental, female, male	119-34-6 54-62-6 19774-82-4	January 29, 1999 July 1, 1987 August 26, 1997
Amitraz Amitrole Amoxapine Amsacrine tert-Amyl methyl ether, Delisted	developmental cancer developmental cancer developmental	33089-61-1 61-82-5 14028-44-5 51264-14-3 994-05-8	March 30, 1999 July 1, 1987 May 15, 1998 August 7, 2009 December 18, 2009
December 13, 2013 Anabolic steroids Analgesic mixtures containing phenacetin	female, male cancer		April 1, 1990 February 27, 1987
Androstenedione Angiotensin converting enzyme	cancer developmental	63-05-8 	May 3, 2011 October 1, 1992
(ACE) inhibitors Aniline Aniline hydrochloride o-Anisidine o-Anisidine hydrochloride Anisindione Anthraquinone Antimony oxide (Antimony trioxide) Aramite Areca nut Aristolochic acids Arsenic (inorganic arsenic compounds)	cancer cancer cancer cancer developmental cancer cancer cancer cancer cancer cancer cancer cancer	62-53-3 142-04-1 90-04-0 134-29-2 117-37-3 84-65-1 1309-64-4 140-57-8	January 1, 1990 May 15, 1998 July 1, 1987 July 1, 1987 October 1, 1992 September 28, 2007 October 1, 1990 July 1, 1987 February 3, 2006 July 9, 2004 February 27, 1987
Arsenic (inorganic oxides) Asbestos 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 cancer developmental, female	 1332-21-4 50-78-2	May 1, 1997 February 27, 1987 July 1, 1990
Atenolol Atrazine Auramine Auranofin Avermectin B1 (Abamectin) Azacitidine Azaserine	developmental developmental, female cancer developmental developmental cancer cancer	29122-68-7 1912-24-9 492-80-8 34031-32-8 71751-41-2 320-67-2 115-02-6	August 26, 1997 July 15, 2016 July 1, 1987 January 29, 1999 December 3, 2010 January 1, 1992 July 1, 1987

Chemical Azathioprine Azathioprine Azobenzene	Type of Toxicity cancer developmental cancer	CAS No. 446-86-6 446-86-6 103-33-3	Date Listed February 27, 1987 September 1, 1996 January 1, 1990
Barbiturates Beclomethasone dipropionate Benomyl Benthiavalicarb-isopropyl Benz[a]anthracene Benzene Benzene Benzidine [and its salts] Benzidine-based dyes Benzodiazepines Benzo[b]fluoranthene Benzo[j]fluoranthene Benzo[k]fluoranthene Benzofuran Benzophenone Benzofuran Benzophetamine hydrochloride Benzyl chloride Benzyl violet 4B Beryllium and beryllium compounds Betel quid with tobacco Betel quid without tobacco Bevacizumab 2,2-Bis(bromomethyl)-1,3-	developmental developmental, male cancer cancer cancer developmental, male cancer developmental cancer developmental cancer developmental cancer cancer developmental cancer	5534-09-8 17804-35-2 177406-68-7 56-55-3 71-43-2 92-87-5 205-99-2 205-82-3 207-08-9 271-89-6 119-61-9 50-32-8 98-07-7 5411-22-3 100-44-7 1694-09-3 216974-75-3 3296-90-0	October 1, 1992 May 15, 1998 July 1, 1991 July 1, 2008 July 1, 1987 February 27, 1987 December 26, 1997 February 27, 1987 October 1, 1992 October 1, 1992 July 1, 1987 July 1, 1987 July 1, 1987 October 1, 1990 June 22, 2012 July 1, 1987 July 1, 1987 April 1, 1990 January 1, 1990 July 1, 1987 October 1, 1987 January 1, 1990 February 3, 2006 March 8, 2019 May 1, 1996
propanediol Bis(2-chloroethyl)ether N,N-Bis(2-chloroethyl)-2-	cancer cancer	111-44-4 494-03-1	April 1, 1988 February 27, 1987
naphthylamine (Chlornapazine) 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 Bis(2-chloro-1-methylethyl)ether, technical grade	cancer cancer	542-88-1 	February 27, 1987 October 29, 1999
Bisphenol A (BPA) Bisphenol A (BPA) Bitumens, extracts of steam-refined and air refined	female developmental cancer	80-05-7 80-05-7 	May 11, 2015 December 18, 2020 January 1, 1990
Bracken fern Bromacil lithium salt Bromacil lithium salt Bromate Bromochloroacetic acid Bromodichloroacetic acid Bromodichloromethane Bromoethane Bromoform 1-Bromopropane (1-BP) 1-Bromopropane (1-BP)	cancer developmental male cancer cancer cancer cancer cancer cancer cancer cancer developmental, female, male	53404-19-6 53404-19-6 15541-45-4 5589-96-8 71133-14-7 75-27-4 74-96-4 75-25-2 106-94-5 106-94-5	January 1, 1990 May 18, 1999 January 17, 2003 May 31, 2002 April 6, 2010 July 29, 2016 January 1, 1990 December 22, 2000 April 1, 1991 August 5, 2016 December 7, 2004

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Chemical	Type of Toxicity	CAS No.	<u>Date Listed</u>
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
	•	106-99-0	
1,3-Butadiene	cancer		April 1, 1988
1,3-Butadiene	developmental, female,	106-99-0	April 16, 2004
	male		
1,4-Butanediol dimethanesulfonate	cancer	55-98-1	February 27, 1987
(Busulfan)			
1,4-Butanediol dimethanesulfonate	developmental	55-98-1	January 1, 1989
(Busulfan)			
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	male	2426-08-6	August 7, 2009
4, 2014			, tagaer ,
beta-Butyrolactone	cancer	3068-88-0	July 1, 1987
Bota Batyrolactorio	carroor	0000 00 0	odly 1, 1001
Cacodylic acid	cancer	75-60-5	May 1, 1996
Cadmium	developmental, male		May 1, 1997
	•		
Cadmium and cadmium compounds	cancer	224 20 5	October 1, 1987
Caffeic acid	cancer	331-39-5	October 1, 1994
Cannabis (marijuana) smoke	developmental		January 3, 2020
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,	63-25-2	August 7, 2009
•	male		3
Carbazole	cancer	86-74-8	May 1, 1996
Carbon black (airborne, unbound	cancer	1333-86-4	February 21, 2003
particles of respirable size)		1000 00 1	. ob. da. y 2., 2000
Carbon-black extracts	cancer		January 1, 1990
Carbon disulfide	developmental, female,	75-15-0	July 1, 1989
Carbon distille	male	13-13-0	July 1, 1909
Carbon manavida		630-08-0	July 1 1000
Carbon monoxide	developmental		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	cancer		July 1, 1990
respirable size)			
Certain combined chemotherapy for	cancer		February 27, 1987
lymphomas			
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	cancer	56-75-7	October 1, 1989
4, 2013	Carroor	00 10 1	2010201 1, 1000
Chloramphenicol sodium succinate	cancer	982-57-0	September 27, 2013
		1620-21-9	July 1, 1987
Chlorcyclizine hydrochloride Chlordane	developmental		
	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
Chlordiazepoxide	developmental	58-25-3	January 1, 1992

Chemical Chlordiazepoxide hydrochloride Chlordimeform Chlorendic acid Chlorinated paraffins (Average chain length, C12; approximately	Type of Toxicity developmental cancer cancer cancer	CAS No. 438-41-5 6164-98-3 115-28-6 108171-26-2	Date Listed January 1, 1992 January 1, 1989 July 1, 1989 July 1, 1989
60 percent chlorine by weight) p-Chloroaniline p-Chloroaniline hydrochloride Chlorodibromomethane, Delisted October 29, 1999	cancer cancer cancer	106-47-8 20265-96-7 124-48-1	October 1, 1994 May 15, 1998 January 1, 1990
Chloroethane (Ethyl chloride) 1-(2-Chloroethyl)-3-cyclohexyl-1- nitrosourea (CCNU) (Lomustine)	cancer cancer	75-00-3 13010-47-4	July 1, 1990 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 Chloroform Chloromethyl methyl ether	cancer developmental cancer	67-66-3 67-66-3 107-30-2	October 1, 1987 August 7, 2009 February 27, 1987
(technical grade) 3-Chloro-2-methylpropene 1-Chloro-4-nitrobenzene 2-Chloronitrobenzene 4-Chloro-o-phenylenediamine Chloroprene 2-Chloropropionic acid Chlorothalonil p-Chloro-o-toluidine p-Chloro-o-toluidine, strong acid salts of	cancer cancer cancer cancer cancer male cancer cancer cancer cancer	563-47-3 100-00-5 88-73-3 95-83-0 126-99-8 598-78-7 1897-45-6 95-69-2	July 1, 1989 October 29, 1999 September 13, 2019 January 1, 1988 June 2, 2000 August 7, 2009 January 1, 1989 January 1, 1990 May 15, 1998
5-Chloro- <i>o</i> -toluidine and its strong acid salts Chlorotrianisene <i>p</i> -chloro- <i>α</i> , <i>α</i> , <i>α</i> -trifluorotoluene (<i>para</i> -Chlorobenzotrifluoride, PCBTF)	cancer cancer cancer	 569-57-3 98-56-6	October 24, 1997 September 1, 1996 June 28, 2019
Chlorozotocin Chlorpyrifos Chlorsulfuron, Delisted June 6, 2014	cancer developmental developmental, female, male	54749-90-5 2921-88-2 64902-72-3	January 1, 1992 December 15, 2017 May 14, 1999
Chromium (hexavalent compounds) Chromium (hexavalent compounds)	cancer developmental, female,		February 27, 1987 December 19, 2008
Chrysene C.I. Acid Red 114 C.I. Basic Red 9 monohydrochloride C.I. Direct Blue 15 C.I. Direct Blue 218 C.I. Disperse Yellow 3 C.I. Solvent Yellow 14 Ciclosporin (Cyclosporin A; Cyclosporine) Cidofovir	male cancer male	218-01-9 6459-94-5 569-61-9 2429-74-5 28407-37-6 2832-40-8 842-07-9 59865-13-3; 79217-60-0 113852-37-2	January 1, 1990 July 1, 1992 July 1, 1989 August 26, 1997 August 26, 1997 February 8, 2013 May 15, 1998 January 1, 1992 January 29, 1999

Chemical Cinnamyl anthranilate Cisplatin Citrus Red No. 2 Cladribine Clarithromycin Clobetasol propionate Clofibrate Clomiphene citrate Clomiphene citrate Clorazepate dipotassium CMNP (pyrazachlor) Cobalt metal powder Cobalt [II] oxide Cobalt sulfate Cocaine Coconut oil diethanolamine condensate (cocamide	Type of Toxicity cancer cancer cancer developmental developmental, female cancer cancer developmental developmental developmental cancer	CAS No. 87-29-6 15663-27-1 6358-53-8 4291-63-8 81103-11-9 25122-46-7 637-07-0 50-41-9 50-41-9 57109-90-7 6814-58-0 7440-48-4 1307-96-6 10124-43-3 10026-24-1 50-36-2	Date Listed July 1, 1989 October 1, 1988 October 1, 1989 September 1, 1996 May 1, 1997 May 15, 1998 September 1, 1996 May 24, 2013 April 1, 1990 October 1, 1992 August 25, 2015 July 1, 1992 July 1, 1992 July 1, 1992 May 20, 2005 June 2, 2000 July 1, 1989 June 22, 2012
diethanolamine) Codeine phosphate Coke oven emissions Colchicine Conjugated estrogens Conjugated estrogens Creosotes p-Cresidine Cumene Cupferron Cyanazine Cycasin Cycloate Cyclohexanol, Delisted January 25, 2002	developmental cancer developmental, male cancer developmental cancer cancer cancer cancer developmental cancer developmental cancer developmental male	52-28-8 64-86-8 120-71-8 98-82-8 135-20-6 21725-46-2 14901-08-7 1134-23-2 108-93-0	May 15, 1998 February 27, 1987 October 1, 1992 February 27, 1987 April 1, 1990 October 1, 1988 January 1, 1988 April 6, 2010 January 1, 1988 April 1, 1990 January 1, 1988 March 19, 1999 November 6, 1998
Cycloheximide Cyclopenta[cd]pyrene Cyclophosphamide (anhydrous) Cyclophosphamide (anhydrous)	developmental cancer cancer developmental, female, male	66-81-9 27208-37-3 50-18-0 50-18-0	January 1, 1989 April 29, 2011 February 27, 1987 January 1, 1989
Cyclophosphamide (hydrated) Cyclophosphamide (hydrated) Cyhexatin	cancer developmental, female, male developmental	6055-19-2 6055-19-2 13121-70-5	February 27, 1987 January 1, 1989 January 1, 1989
Cytarabine Cytembena	developmental cancer	147-94-4 21739-91-3	January 1, 1989 May 15, 1998
D&C Orange No. 17 D&C Red No. 8 D&C Red No. 9 D&C Red No. 19 Dacarbazine Dacarbazine Daminozide Danazol Dantron (Chrysazin; 1,8- Dihydroxyanthraquinone) Daunomycin	cancer cancer cancer cancer cancer cancer developmental cancer developmental cancer	3468-63-1 2092-56-0 5160-02-1 81-88-9 4342-03-4 4342-03-4 1596-84-5 17230-88-5 117-10-2	July 1, 1990 October 1, 1990 July 1, 1990 July 1, 1990 January 1, 1988 January 29, 1999 January 1, 1990 April 1, 1990 January 1, 1992
Daulioniyon	cancer	20030-0 I-3	January I, 1900

Chaminal	Type of Taxiaity	CACNo	Data Listad
<u>Chemical</u> Daunorubicin hydrochloride	<u>Type of Toxicity</u> developmental	<u>CAS No.</u> 23541-50-6	<u>Date Listed</u> July 1, 1990
2,4-D butyric acid	developmental , male	94-82-6	June 18, 1999
DDD (Dichlorodiphenyl-	cancer	72-54-8	January 1, 1989
dichloroethane)	Caricei	12-04-0	January 1, 1909
DDE (Dichlorodi-	cancer	72-55-9	January 1, 1989
phenyldichloroethylene)	Carloci	72 00 0	dandary 1, 1000
DDT (Dichlorodi-	cancer	50-29-3	October 1 , 1987
phenyltrichloroethane)	3411331	00 20 0	
o,p'-DDT	developmental, female,	789-02-6	May 15, 1998
-,p	male		
p,p'-DDT	developmental, female,	50-29-3	May 15, 1998
F7F	male		, ,
DDVP (Dichlorvos)	cancer	62-73-7	January 1, 1989
Demeclocycline hydrochloride	developmental	64-73-3	January 1, 1992
(internal use)			· · · · · · · · · · · · · · · · · · ·
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	developmental, female	3397-62-4	July 15, 2016
(DACT)	,		· · · · · · · · · · · · · · · · · · ·
4,4'-Diaminodiphenyl ether (4,4'-	cancer	101-80-4	January 1, 1988
Oxydianiline)			,
2,4-Ďiaminotoluene	cancer	95-80-7	January 1, 1988
Diaminotoluene (mixed) , <u>Delisted</u>	cancer		January 1, 1990
November 20, 2015			, ,
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	cancer	96-12-8	July 1, 1987
(DBCP)			•
1,2-Dibromo-3-chloropropane	male	96-12-8	February 27, 1987
(DBCP)			•
2,3-Dibromo-1-propanol	cancer	96-13-9	October 1, 1994
Di- <i>n</i> -butyl phthalate (DBP)	developmental, female,	84-74-2	December 2, 2005
. , , ,	male		·
Dichloroacetic acid	cancer	79-43-6	May 1, 1996
Dichloroacetic acid	developmental, male	79-43-6	August 7, 2009
<i>p</i> -Dichlorobenzene	cancer	106-46-7	January 1, 1989
3,3'-Dichlorobenzidine	cancer	91-94-1	October 1, 1987
3,3'-Dichlorobenzidine	cancer	612-83-9	May 15, 1998
dihydrochloride			-

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<u>Chemical</u>	Type of Toxicity	CAS No.	Date Listed
1,1-Dichloro-2,2-bis(<i>p</i> -	developmental, male	72-55-9	March 30, 2010
chlorophenyl)ethylene (DDE)			
1,4-Dichloro-2-butene	cancer	764-41-0	January 1, 1990
3,3'-Dichloro-4,4'-diaminodiphenyl	cancer	28434-86-8	January 1, 1988
ether			
1,1-Dichloroethane	cancer	75-34-3	January 1, 1990
Dichloromethane (Methylene	cancer	75-09-2	April 1, 1988
chloride)			•
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
Dichlorphenamide	developmental	120-97-8	February 27, 2001
Diclofop-methyl	cancer	51338-27-3	April 6, 2010
Diclorop methyl	developmental	51338-27-3	March 5, 1999
Dicumarol		66-76-2	October 1, 1992
Dieldrin	developmental	60-57-1	
	cancer	84-17-3	July 1, 1988
Dienestrol, Delisted January 4, 2013	cancer		January 1, 1990
Diepoxybutane	cancer	1464-53-5	January 1, 1988
Diesel engine exhaust	cancer	444 40 0	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,	male	2238-07-5	August 7, 2009
2014			
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-	April 20, 2007
		1/26761-40-0	
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 (o-	cancer	119-90-4	January 1, 1988
Dianisidine)			•
3,3'-Dimethoxybenzidine	cancer	20325-40-0	October 1, 1990
dihydrochloride			,
3,3'-Dimethoxybenzidine-based	cancer		June 11, 2004
dyes metabolized to 3,3'-			,
dimethoxybenzidine			
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
trans-2-[(Dimethylamino)methyl-	cancer	55738-54-0	January 1, 1988
imino]-5-[2-(5-nitro-2-furyl)vinyl]-	2 2 10 0 1	20.000.0	
1,3,4-oxadiazole			
7,12-Dimethylbenz(a)anthracene	cancer	57-97-6	January 1, 1990
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Chemical 2.2' Dimethylbanzidina (artha	Type of Toxicity	<u>CAS No.</u> 119-93-7	Date Listed
3,3'-Dimethylbenzidine (ortho-	cancer	119-93-7	January 1, 1988
Tolidine)	concor		luna 11 2004
3,3'-Dimethylbenzidine-based dyes	cancer		June 11, 2004
metabolized to 3,3'-			
dimethylbenzidine		040.00.0	A!! 4 4000
3,3'-Dimethylbenzidine	cancer	612-82-8	April 1, 1992
dihydrochloride		70 44 7	
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	cancer	1456-28-6	February 8, 2013
(DMNM)			
Dimethyl sulfate	cancer	77-78-1	January 1, 1988
<i>N,N</i> -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
o-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	cancer	136-45-8	May 1, 1996
(MGK Repellent 326)	carioei	100 40 0	Way 1, 1000
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 57-41-0	July 1, 1987
Diphenylhydantoin (Phenytoin),	cancer	630-93-3	January 1, 1988
sodium salt	cancer	000-00-0	bandary 1, 1500
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-	developmental	138-93-2	March 30, 1999
carbonate	developmental	100-30-2	March 50, 1999
Disperse Blue 1	cancer	2475-45-8	October 1, 1990
Disperse blue 1 Diuron	cancer	330-54-1	May 31, 2002
	cancer	25316-40-9	July 1, 1987
Doxorubicin hydrochloride	cancer	25510-40-9	July 1, 1907
(Adriamycin)	dovolopmental male	25216 40 0	January 20, 1000
Doxorubicin hydrochloride	developmental, male	25316-40-9	January 29, 1999
(Adriamycin)	dovoloppoptol	EGA OE O	July 4, 4000
Doxycycline (internal use)	developmental	564-25-0	July 1, 1990
Doxycycline calcium (internal use)	developmental	94088-85-4	January 1, 1992
Doxycycline hyclate (internal use)	developmental	24390-14-5	October 1, 1991
Doxycycline monohydrate (internal	developmental	17086-28-1	October 1, 1991
use)			

<u>Chemical</u> 2,4-DP (dichloroprop), <u>Delisted</u> January 25, 2002	Type of Toxicity developmental	<u>CAS No.</u> 120-36-5	Date Listed April 27, 1999
Emissions from combustion of coal Emissions from high-temperature unrefined rapeseed oil	cancer cancer	 	August 7, 2013 January 3, 2014
Endrin Environmental tobacco smoke (ETS)	developmental developmental	72-20-8 	May 15, 1998 June 9, 2006
Epichlorohydrin Epichlorohydrin Epoxiconazole Ergotamine tartrate Erionite	cancer male cancer developmental cancer	106-89-8 106-89-8 135319-73-2 379-79-3 12510-42- 8/66733-21-9	October 1, 1987 September 1, 1996 April 15, 2011 April 1, 1990 October 1, 1988
Estradiol 17B Estragole Estrogens, steroidal Estrogen-progestogen (combined) used as menopausal therapy	cancer cancer cancer cancer	50-28-2 140-67-0 	January 1, 1988 October 29, 1999 August 19, 2005 November 4, 2011
Estrone Estropipate Ethinylestradiol Ethionamide Ethoprop Ethyl acrylate Ethyl alcohol in alcoholic beverages Ethyl-tert-butyl ether, Delisted December 13, 2013	cancer cancer, developmental cancer developmental cancer cancer developmental cancer male	53-16-7 7280-37-7 57-63-6 536-33-4 13194-48-4 140-88-5 100-41-4 637-92-3	January 1, 1988 August 26, 1997 January 1, 1988 August 26, 1997 February 27, 2001 July 1, 1989 October 1, 1987 June 11, 2004 December 18, 2009
Ethyl dipropylthiocarbamate Ethyl-4,4'-dichlorobenzilate Ethylene dibromide Ethylene dibromide Ethylene dichloride (1,2- Dichloroethane)	developmental cancer cancer developmental, male cancer	759-94-4 510-15-6 106-93-4 106-93-4 107-06-2	April 27, 1999 January 1, 1990 July 1, 1987 May 15, 1998 October 1, 1987
Ethylene glycol (ingested) Ethylene glycol monoethyl ether Ethylene glycol monoethyl ether	developmental developmental, male developmental, male	107-21-1 110-80-5 111-15-9	June 19, 2015 January 1, 1989 January 1, 1993
acetate Ethylene glycol monomethyl ether Ethylene glycol monomethyl ether acetate	developmental, male developmental, male	109-86-4 110-49-6	January 1, 1989 January 1, 1993
Ethyleneimine (Aziridine) Ethylene oxide Ethylene oxide Ethylene oxide Ethylene thiourea Ethylene thiourea 2-Ethylhexanoic acid, Delisted	cancer cancer female developmental, male cancer developmental developmental	151-56-4 75-21-8 75-21-8 75-21-8 96-45-7 96-45-7 149-57-5	January 1, 1988 July 1, 1987 February 27, 1987 August 7, 2009 January 1, 1988 January 1, 1993 August 7, 2009
December 13, 2013 2-Ethylhexyl acrylate Ethyl methanesulfonate Etodolac Etoposide Etoposide	cancer cancer developmental, female cancer developmental	103-11-7 62-50-0 41340-25-4 33419-42-0 33419-42-0	December 17, 2021 January 1, 1988 August 20, 1999 November 4, 2011 July 1, 1990

<u>Chemical</u> Etoposide in combination with	Type of Toxicity cancer	CAS No.	<u>Date Listed</u> November 4, 2011
cisplatin and bleomycin Etretinate	developmental	54350-48-0	July 1, 1987
Fenoxaprop ethyl Fenoxycarb Filgrastim Fluazifop butyl Flunisolide Fluorouracil Fluoxymesterone Flurazepam hydrochloride Flurbiprofen Flutamide Fluticasone propionate Fluvalinate Folpet Formaldehyde (gas) 2-(2-Formylhydrazino)-4-(5-nitro-2-furyl)thiazole	developmental cancer developmental developmental, female developmental developmental developmental developmental developmental developmental developmental developmental developmental cancer cancer cancer	66441-23-4 72490-01-8 121181-53-1 69806-50-4 3385-03-3 51-21-8 76-43-7 1172-18-5 5104-49-4 13311-84-7 80474-14-2 69409-94-5 133-07-3 50-00-0 3570-75-0	March 26, 1999 June 2, 2000 February 27, 2001 November 6, 1998 May 15, 1998 January 1, 1989 April 1, 1990 October 1, 1992 August 20, 1999 July 1, 1990 May 15, 1998 November 6, 1998 January 1, 1989 January 1, 1988 January 1, 1988 January 1, 1988
Fumonisin B ₁ Furan Furazolidone Furfuryl alcohol Furmecyclox Fusarin C	cancer cancer cancer cancer cancer cancer	116355-83-0 110-00-9 67-45-8 98-00-0 60568-05-0 79748-81-5	November 14, 2003 October 1, 1993 January 1, 1990 September 30, 2016 January 1, 1990 July 1, 1995
Gallium arsenide Ganciclovir	cancer cancer, developmental, male	1303-00-0 82410-32-0	August 1, 2008 August 26, 1997
Ganciclovir sodium Gasoline engine exhaust (condensates/extracts)	developmental, male cancer	107910-75-8 	August 26, 1997 October 1, 1990
Gemfibrozil Gemfibrozil Gentian violet (Crystal violet) Glass wool fibers (inhalable and biopersistent)	cancer female, male cancer cancer	25812-30-0 25812-30-0 548-62-9	December 22, 2000 August 20, 1999 November 23, 2018 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 Glycidol Glyphosate Goldenseal root powder Goserelin acetate	cancer cancer cancer cancer developmental, female,	765-34-4 556-52-5 1071-83-6 65807-02-5	January 1, 1988 July 1, 1990 July 7, 2017 December 4, 2015 August 26, 1997
Griseofulvin Gyromitrin (Acetaldehyde methylformylhydrazone)	male cancer cancer	126-07-8 16568-02-8	January 1, 1990 January 1, 1988
Halazepam Halobetasol propionate Haloperidol Halothane	developmental developmental developmental, female developmental	23092-17-3 66852-54-8 52-86-8 151-67-7	July 1, 1990 August 20, 1999 January 29, 1999 September 1, 1996

Chemical HC Blue 1 Heptachlor Heptachlor Heptachlor epoxide Herbal remedies containing plant species of the genus <i>Aristolochia</i>	Type of Toxicity cancer cancer developmental cancer cancer	<u>CAS No.</u> 2784-94-3 76-44-8 76-44-8 1024-57-3	Date Listed July 1, 1989 July 1, 1988 August 20, 1999 July 1, 1988 July 9, 2004
Hexachlorobenzene Hexachlorobenzene Hexachlorobutadiene Hexachlorocyclohexane (technical grade)	cancer developmental cancer cancer	118-74-1 118-74-1 87-68-3 	October 1, 1987 January 1, 1989 May 3, 2011 October 1, 1987
Hexachlorodibenzodioxin Hexachloroethane 2,4-Hexadienal (89% trans, trans isomer; 11% cis, trans isomer)	cancer cancer cancer	34465-46-8 67-72-1 	April 1, 1988 July 1, 1990 March 4, 2005
Hexafluoroacetone Hexamethylphosphoramide Hexamethylphosphoramide n-Hexane 2,5-Hexanedione Histrelin acetate Hydramethylnon Hydrazine Hydrazine sulfate Hydrazobenzene (1,2- Diphenylhydrazine)	developmental, male cancer male male male developmental developmental, male cancer cancer cancer	684-16-2 680-31-9 680-31-9 110-54-3 110-13-4 67485-29-4 302-01-2 10034-93-2 122-66-7	August 1, 2008 January 1, 1988 October 1, 1994 December 15, 2017 December 4, 2015 May 15, 1998 March 5, 1999 January 1, 1988 January 1, 1988 January 1, 1988
Hydrogen cyanide (HCN) and cyanide salts (CN salts)	male		July 5, 2013
1-Hydroxyanthraquinone Hydroxyurea	cancer developmental	129-43-1 127-07-1	May 27, 2005 May 1, 1997
Idarubicin hydrochloride Ifosfamide Iodine-131 Imazalil Indeno[1,2,3-cd]pyrene Indium phosphide Indium tin oxide IQ (2-Amino-3-methylimidazo [4,5-f] quinoline)	developmental, male developmental developmental cancer cancer cancer cancer cancer cancer cancer	57852-57-0 3778-73-2 10043-66-0 35554-44-0 193-39-5 22398-80-7 50926-11-9 76180-96-6	August 20, 1999 July 1, 1990 January 1, 1989 May 20, 2011 January 1, 1988 February 27, 2001 March 19, 2021 April 1, 1990
Iprodione Iprovalicarb	cancer cancer	36734-19-7 140923-17-7/ 140923-25-7	May 1, 1996 June 1, 2007
Iron dextran complex Isobutyl nitrite Isoprene Isopyrazam Isosafrole, Delisted December 8, 2006	cancer cancer cancer cancer	9004-66-4 542-56-3 78-79-5 881685-58-1 120-58-1	January 1, 1988 May 1, 1996 May 1, 1996 July 24, 2012 October 1, 1989
Isotretinoin Isoxaflutole	developmental cancer	4759-48-2 141112-29-0	July 1, 1987 December 22, 2000
Kresoxim-methyl	cancer	143390-89-0	February 3, 2012
Lactofen Lasiocarpine	cancer cancer	77501-63-4 303-34-4	January 1, 1989 April 1, 1988

<u>Chemical</u> Lead	Type of Toxicity developmental, female,	CAS No.	<u>Date Listed</u> February 27, 1987
Load and load compounds	male		October 1 1002
Lead and lead compounds	cancer	204 04 2	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	74004 50 0	April 29, 2011
Leuprolide acetate	developmental, female,	74381-53-6	August 26, 1997
	male	50.00.7	
Levodopa	developmental	59-92-7	January 29, 1999
Levonorgestrel implants	female	797-63-7	May 15, 1998
Lindane and other hexachloro-	cancer		October 1, 1989
cyclohexane isomers		000 55 0	M 1 40 4000
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
Waldullon	Garroon	121 70 0	Way 20, 2010
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-Á-alpha-C (2-Amino-3-methyl-	cancer	68006-83-7	January 1, 1990
9H-pyrido[2,3-b]indole)			,
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
MeIQ (2-Amino-3,4-dimethyl-	cancer	77094-11-2	October 1, 1994
imidazo[4,5-f]quinoline)			- ,
MelQx (2-Amino-3,8-dimethyl-	cancer	77500-04-0	October 1, 1994
imidazo[4,5-f]quinoxaline)			- ,
Melphalan	cancer	148-82-3	February 27, 1987
Melphalan	developmental	148-82-3	July 1, 1990
Menotropins	developmental	9002-68-0	April 1, 1990
Mepanipyrim	cancer	110235-47-7	July 1, 2008
Meprobamate	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
Methotrexate sodium	developmental	15475-56-6	April 1, 1990
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Chemical	Type of Toxicity	CAS No.	Date Listed
5-Methoxypsoralen with ultraviolet	cancer	484-20-8	October 1, 1988
A therapy			
8-Methoxypsoralen with ultraviolet	cancer	298-81-7	February 27, 1987
A therapy			,
Methyl acrylate	cancer	96-33-3	December 17, 2021
2-Methylaziridine (Propyleneimine)	cancer	75-55-8	January 1, 1988
		590-96-5	April 1, 1988
Methylazoxymethanol	cancer		
Methylazoxymethanol acetate	cancer	592-62-1	April 1, 1988
Methyl bromide, as a structural	developmental	74-83-9	January 1, 1993
fumigant			
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)	cancer	101-61-1	October 1, 1989
	Caricei	101-01-1	October 1, 1909
benzenamine		000 00 0	A := ::! 4 4000
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	cancer	13552-44-8	January 1, 1988
dihydrochloride			
Methyleugenol	cancer	93-15-2	November 16, 2001
Methylhydrazine and its salts	cancer		July 1, 1992
2-Meťhylimidazole	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
		108-10-1	
Methyl isobutyl ketone (MIBK)	developmental		March 28, 2014
Methyl isocyanate (MIC)	developmental, female	624-83-9	November 12, 2010
Methyl isopropyl ketone, <u>Delisted</u>	developmental	563-80-4	February 17, 2012
April 4, 2014			
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	cancer	129-15-7	April 1, 1988
uncertain purity)	cance.	120 10 1	7.p 1, 1000
N-Methyl-N'-nitro-N-	cancer	70-25-7	April 1, 1988
nitrosoguanidine	carioci	10-20-1	7 (prii 1, 1900
	oonoor	924-42-5	July 1 1000
N-Methylolacrylamide	cancer		July 1, 1990
N-Methylpyrrolidone	developmental	872-50-4	June 15, 2001
α-Methyl styrene (alpha-	cancar		November 2, 2012
Methylstyrene)	cancer	98-83-9	140 (01111001 2, 2012
α-Methyl styrene , <u>Delisted April 4</u> ,			•
	female	98-83-9	July 29, 2011
<u>2014</u>			•
2014 Methyltestosterone			•
Methyltestosterone	female	98-83-9	July 29, 2011 April 1, 1990
Methyltestosterone Methylthiouracil	female developmental cancer	98-83-9 58-18-4 56-04-2	July 29, 2011 April 1, 1990 October 1, 1989
Methyltestosterone Methylthiouracil Metiram	female developmental cancer cancer	98-83-9 58-18-4 56-04-2 9006-42-2	July 29, 2011 April 1, 1990 October 1, 1989 January 1, 1990
Methyltestosterone Methylthiouracil Metiram Metiram	female developmental cancer cancer developmental	98-83-9 58-18-4 56-04-2 9006-42-2 9006-42-2	July 29, 2011 April 1, 1990 October 1, 1989 January 1, 1990 March 30, 1999
Methyltestosterone Methylthiouracil Metiram Metiram Metronidazole	female developmental cancer cancer developmental cancer	98-83-9 58-18-4 56-04-2 9006-42-2 9006-42-2 443-48-1	July 29, 2011 April 1, 1990 October 1, 1989 January 1, 1990 March 30, 1999 January 1, 1988
Methyltestosterone Methylthiouracil Metiram Metiram Metronidazole Michler's ketone	female developmental cancer cancer developmental cancer cancer cancer	98-83-9 58-18-4 56-04-2 9006-42-2 9006-42-2 443-48-1 90-94-8	July 29, 2011 April 1, 1990 October 1, 1989 January 1, 1990 March 30, 1999 January 1, 1988 January 1, 1988
Methyltestosterone Methylthiouracil Metiram Metiram Metronidazole Michler's ketone Midazolam hydrochloride	female developmental cancer cancer developmental cancer cancer developmental	98-83-9 58-18-4 56-04-2 9006-42-2 9006-42-2 443-48-1 90-94-8 59467-96-8	July 29, 2011 April 1, 1990 October 1, 1989 January 1, 1990 March 30, 1999 January 1, 1988 January 1, 1988 July 1, 1990
Methyltestosterone Methylthiouracil Metiram Metiram Metronidazole Michler's ketone Midazolam hydrochloride Minocycline hydrochloride (internal	female developmental cancer cancer developmental cancer cancer cancer	98-83-9 58-18-4 56-04-2 9006-42-2 9006-42-2 443-48-1 90-94-8	July 29, 2011 April 1, 1990 October 1, 1989 January 1, 1990 March 30, 1999 January 1, 1988 January 1, 1988
Methyltestosterone Methylthiouracil Metiram Metiram Metronidazole Michler's ketone Midazolam hydrochloride	female developmental cancer cancer developmental cancer cancer developmental	98-83-9 58-18-4 56-04-2 9006-42-2 9006-42-2 443-48-1 90-94-8 59467-96-8	July 29, 2011 April 1, 1990 October 1, 1989 January 1, 1990 March 30, 1999 January 1, 1988 January 1, 1988 July 1, 1990

Chemical Mirex Misoprostol Mitomycin C Mitoxantrone hydrochloride Mitoxantrone hydrochloride Molinate	Type of Toxicity cancer developmental cancer cancer developmental developmental, female, male	CAS No. 2385-85-5 59122-46-2 50-07-7 70476-82-3 70476-82-3 2212-67-1	Date Listed January 1, 1988 April 1, 1990 April 1, 1988 January 23, 2015 July 1, 1990 December 11, 2009
Molybdenum trioxide MON 4660 (dichloroacetyl-1- oxa-4- azaspiro(4,5)-decane)	cancer cancer	1313-27-5 71526-07-3	March 19, 2021 March 22, 2011
MON 13900 (furilazole) 3-Monochloropropane-1,2- diol (3- MCPD)	cancer cancer	121776-33-8 96-24-2	March 22, 2011 October 8, 2010
Monocrotaline MOPP (vincristine-prednisone- nitrogen mustard-procarbazine mixture)	cancer cancer	315-22-0 113803-47-7	April 1, 1988 November 4, 2011
5-(Morpholinomethyl)-3- [(5- nitrofurfuryl-idene)- amino]-2- oxazolidinone	cancer	139-91-3	April 1, 1988
Mustard Gas MX (3-chloro-4-(dichloromethyl) 5- hydroxy-2(5H)-furanone)	cancer cancer	505-60-2 77439-76-0	February 27, 1987 December 22, 2000
Myclobutanil beta-Myrcene	developmental, male cancer	88671-89-0 123-35-3	April 16, 1999 March 27, 2015
Nabam Nafarelin acetate Nafenopin Nalidixic acid Naphthalene 1-Naphthylamine 2-Naphthylamine Neomycin sulfate (internal use) Netilmicin sulfate Nickel (Metallic) Nickel acetate Nickel carbonate Nickel carbonyl Nickel carbonyl Nickel compounds Nickel (soluble compounds) Nickel hydroxide	developmental developmental cancer cancer cancer cancer developmental developmental cancer cancer cancer cancer developmental cancer cancer developmental cancer developmental cancer developmental cancer	142-59-6 86220-42-0 3771-19-5 389-08-2 91-20-3 134-32-7 91-59-8 1405-10-3 56391-57-2 7440-02-0 373-02-4 3333-67-3 13463-39-3 13463-39-3 12054-48-7; 12125-56-3	March 30, 1999 April 1, 1990 April 1, 1988 May 15, 1998 April 19, 2002 October 1, 1989 February 27, 1987 October 1, 1992 July 1, 1990 October 1, 1989 October 1, 1989 October 1, 1989 October 1, 1987 September 1, 1996 May 7, 2004 October 26, 2018 October 1, 1989
Nickelocene Nickel oxide Nickel refinery dust from the pyrometallurgical process	cancer cancer cancer	1271-28-9 1313-99-1 	October 1, 1989 October 1, 1989 October 1, 1987
Nickel subsulfide Nicotine Nifedipine	cancer developmental developmental, female,	12035-72-2 54-11-5 21829-25-4	October 1, 1987 April 1, 1990 January 29, 1999
Nimodipine Niridazole Nitrapyrin Nitrapyrin	male developmental cancer cancer developmental	66085-59-4 61-57-4 1929-82-4 1929-82-4	April 24, 2001 April 1, 1988 October 5, 2005 March 30, 1999

Chemical	Type of Toxicity	CAS No.	Date Listed
Nitrilotriacetic acid	cancer	139-13-9	January 1, 1988
Nitrilotriacetic acid, trisodium salt	cancer	18662-53-8	April 1, 1989
monohydrate			
5-Nitroacenaphthene	cancer	602-87-9	April 1, 1988
5-Nitro-o-anisidine, Delisted	cancer	99-59-2	October 1, 1989
<u>December 8, 2006</u> o-Nitroanisole	oonoor	91-23-6	October 1, 1992
<i>para</i> -Nitroanisole	cancer 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	59-87-0 555-84-0	January 1, 1990
1-[(5-Nitrofurfurylidene)-amino]- 2- imidazolidinone	cancer	355-64-0	April 1, 1988
N-[4-(5-Nitro-2-furyl)-2-thiazolyl]	cancer	531-82-8	April 1, 1988
acetamide	Garioon	001 02 0	, p ,
Nitrogen mustard	cancer	51-75-2	January 1, 1988
(Mechlorethamine)			,
Nitrogen mustard	developmental	51-75-2	January 1, 1989
(Mechlorethamine)		55.00.7	A 11.4 4000
Nitrogen mustard hydrochloride	cancer	55-86-7	April 1, 1988
(Mechlorethamine hydrochloride) Nitrogen mustard hydrochloride	developmental	55-86-7	July 1, 1990
(Mechlorethamine hydrochloride)	developmental	33-00-7	July 1, 1990
Nitrogen mustard N-oxide	cancer	126-85-2	April 1, 1988
Nitrogen mustard N-oxide	cancer	302-70-5	April 1, 1988
hydrochloride			•
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	57835-92-4 924-16-3	October 1, 1990
N-Nitrosodi- <i>n</i> -butylamine N-Nitrosodiethanolamine	cancer	924-10-3 1116-54-7	October 1, 1987 January 1, 1988
N-Nitrosodiethylamine	cancer 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)-	cancer	60153-49-3	April 1, 1990
propionitrile 4-(N-Nitrosomethylamino)-1-(3-	cancer	64091-91-4	April 1, 1990
pyridyl)1-butanone	cancer	04031-31-4	7 pm 1, 1550
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-n-hexylamine	cancer	28538-70-7 75991 10 5	December 26, 2014
N-Nitrosomethyl- <i>n</i> -nonylamine	cancer	75881-19-5 34423-54-6	December 26, 2014
N-Nitrosomethyl- <i>n</i> -octylamine	cancer	J442J-J4-0	December 26, 2014

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

<u>Chemical</u> Pentachlorophenol and by-products of its synthesis (complex mixture)	Type of Toxicity cancer	CAS No.	<u>Date Listed</u> October 21, 2016
Pentobarbital sodium	developmental	57-33-0	July 1, 1990
Pentosan polysulfate sodium Pentostatin	cancer developmental	 53910-25-1	April 18, 2014 September 1, 1996
Perfluorononanoic acid (PFNA) and	male		December 31, 2021
its salts Perfluorooctane sulfonate (PFOS)	developmental	1763-23-1	November 10, 2017
Perfluorooctane sulfonic acid	cancer		December 24, 2021
(PFOS) and its salts and transformation and degradation			
precursors		005 07 4	N 40 0047
Perfluorooctanoic acid (PFOA) Pertuzumab	developmental developmental	335-67-1 380610-27-5	November 10, 2017 January 27, 2017
Phenacemide	developmental	63-98-9	July 1, 1990
Phenacetin Phenazopyridine	cancer cancer	62-44-2 94-78-0	October 1, 1989 January 1, 1988
Phenazopyridine hydrochloride	cancer	136-40-3	January 1, 1988
Phenesterin	cancer	3546-10-9	July 1, 1989
Phenobarbital Phenolphthalein	cancer cancer	50-06-6 77-09-8	January 1, 1990 May 15, 1998
Phenoxybenzamine	cancer	59-96-1	April 1, 1988
Phenoxybenzamine hydrochloride Phenprocoumon	cancer developmental	63-92-3 435-97-2	April 1, 1988 October 1, 1992
o-Phenylenediamine and its salts	cancer	95-54-5	May 15, 1998
Phenyl glycidyl ether Deliated April	cancer	122-60-1 122-60-1	October 1, 1990
Phenyl glycidyl ether, Delisted April 4, 2014	male	122-00-1	August 7, 2009
Phenylhydrazine and its salts	cancer	400.07.4	July 1, 1992
o-Phenylphenate, sodium o-Phenylphenol	cancer cancer	132-27-4 90-43-7	January 1, 1990 August 4, 2000
Phenylphosphine	developmental male	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
Pioglitazone Pipobroman	cancer developmental	111025-46-8 54-91-1	Aprīl 18, 2014 July 1, 1990
Pioglitazone Pipobroman Pirimicarb Plicamycin	cancer developmental cancer developmental	111025-46-8	Aprīl 18, 2014 July 1, 1990 July 1, 2008 Aprīl 1, 1990
Pioglitazone Pipobroman Pirimicarb Plicamycin Polybrominated biphenyls	cancer developmental cancer developmental cancer	111025-46-8 54-91-1 23103-98-2 18378-89-7	Aprīl 18, 2014 July 1, 1990 July 1, 2008 Aprīl 1, 1990 January 1, 1988
Pioglitazone Pipobroman Pirimicarb Plicamycin	cancer developmental cancer developmental cancer developmental cancer	111025-46-8 54-91-1 23103-98-2 18378-89-7	Aprīl 18, 2014 July 1, 1990 July 1, 2008 Aprīl 1, 1990
Pioglitazone Pipobroman Pirimicarb Plicamycin Polybrominated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls	cancer developmental cancer developmental cancer developmental cancer developmental	111025-46-8 54-91-1 23103-98-2 18378-89-7 	April 18, 2014 July 1, 1990 July 1, 2008 April 1, 1990 January 1, 1988 October 1, 1994 October 1, 1989 January 1, 1991
Pioglitazone Pipobroman Pirimicarb Plicamycin Polybrominated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls (containing 60 or more percent	cancer developmental cancer developmental cancer developmental cancer	111025-46-8 54-91-1 23103-98-2 18378-89-7	April 18, 2014 July 1, 1990 July 1, 2008 April 1, 1990 January 1, 1988 October 1, 1994 October 1, 1989
Pioglitazone Pipobroman Pirimicarb Plicamycin Polybrominated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls (containing 60 or more percent chlorine by molecular weight) Polychlorinated dibenzo-p-dioxins	cancer developmental cancer developmental cancer developmental cancer developmental cancer developmental cancer	111025-46-8 54-91-1 23103-98-2 18378-89-7 	April 18, 2014 July 1, 1990 July 1, 2008 April 1, 1990 January 1, 1988 October 1, 1994 October 1, 1989 January 1, 1991 January 1, 1988 October 1, 1988
Pioglitazone Pipobroman Pirimicarb Plicamycin Polybrominated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls (containing 60 or more percent chlorine by molecular weight) Polychlorinated dibenzo-p-dioxins Polychlorinated dibenzofurans	cancer developmental cancer developmental cancer developmental cancer developmental cancer cancer	111025-46-8 54-91-1 23103-98-2 18378-89-7 	April 18, 2014 July 1, 1990 July 1, 2008 April 1, 1990 January 1, 1988 October 1, 1994 October 1, 1989 January 1, 1991 January 1, 1988 October 1, 1988 October 1, 1992 October 1, 1992
Pioglitazone Pipobroman Pirimicarb Plicamycin Polybrominated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls (containing 60 or more percent chlorine by molecular weight) Polychlorinated dibenzo-p-dioxins Polychlorinated dibenzofurans Polygeenan Ponceau MX	cancer developmental cancer developmental cancer developmental cancer developmental cancer developmental cancer	111025-46-8 54-91-1 23103-98-2 18378-89-7 53973-98-1 3761-53-3	April 18, 2014 July 1, 1990 July 1, 2008 April 1, 1990 January 1, 1988 October 1, 1994 October 1, 1991 January 1, 1988 October 1, 1988 October 1, 1992 January 1, 1988 April 1, 1988
Pioglitazone Pipobroman Pirimicarb Plicamycin Polybrominated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls (containing 60 or more percent chlorine by molecular weight) Polychlorinated dibenzo-p-dioxins Polychlorinated dibenzofurans Polygeenan Ponceau MX Ponceau 3R	cancer developmental cancer developmental cancer developmental cancer developmental cancer	111025-46-8 54-91-1 23103-98-2 18378-89-7 53973-98-1 3761-53-3 3564-09-8	April 18, 2014 July 1, 1990 July 1, 2008 April 1, 1990 January 1, 1988 October 1, 1994 October 1, 1991 January 1, 1988 October 1, 1988 October 1, 1992 October 1, 1992 January 1, 1988 April 1, 1988 April 1, 1988
Pioglitazone Pipobroman Pirimicarb Plicamycin Polybrominated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls (containing 60 or more percent chlorine by molecular weight) Polychlorinated dibenzo-p-dioxins Polychlorinated dibenzofurans Polygeenan Ponceau MX	cancer developmental cancer developmental cancer developmental cancer developmental cancer cancer cancer cancer cancer cancer cancer cancer	111025-46-8 54-91-1 23103-98-2 18378-89-7 53973-98-1 3761-53-3	April 18, 2014 July 1, 1990 July 1, 2008 April 1, 1990 January 1, 1988 October 1, 1994 October 1, 1991 January 1, 1988 October 1, 1988 October 1, 1992 January 1, 1988 April 1, 1988
Pioglitazone Pipobroman Pirimicarb Plicamycin Polybrominated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls (containing 60 or more percent chlorine by molecular weight) Polychlorinated dibenzo-p-dioxins Polychlorinated dibenzofurans Polygeenan Ponceau MX Ponceau 3R Potassium bromate Potassium dimethyldithiocarbamate Pravastatin sodium	cancer developmental cancer developmental cancer developmental cancer developmental cancer cancer cancer cancer cancer cancer cancer cancer developmental developmental developmental	111025-46-8 54-91-1 23103-98-2 18378-89-7 53973-98-1 3761-53-3 3564-09-8 7758-01-2 128-03-0 81131-70-6	April 18, 2014 July 1, 1990 July 1, 2008 April 1, 1990 January 1, 1988 October 1, 1994 October 1, 1991 January 1, 1988 October 1, 1992 October 1, 1992 January 1, 1988 April 1, 1988 April 1, 1988 January 1, 1990 March 30 1999 March 3, 2000
Pioglitazone Pipobroman Pirimicarb Plicamycin Polybrominated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls (containing 60 or more percent chlorine by molecular weight) Polychlorinated dibenzo-p-dioxins Polychlorinated dibenzofurans Polygeenan Ponceau MX Ponceau 3R Potassium bromate Potassium dimethyldithiocarbamate	cancer developmental cancer developmental cancer developmental cancer developmental cancer developmental	111025-46-8 54-91-1 23103-98-2 18378-89-7 53973-98-1 3761-53-3 3564-09-8 7758-01-2 128-03-0	April 18, 2014 July 1, 1990 July 1, 2008 April 1, 1990 January 1, 1988 October 1, 1994 October 1, 1991 January 1, 1988 October 1, 1988 October 1, 1992 October 1, 1992 January 1, 1988 April 1, 1988 April 1, 1988 January 1, 1990 March 30 1999

Chemical Procarbazine Procarbazine hydrochloride Procarbazine hydrochloride Procarbazine hydrochloride Procarbazine hydrochloride Procymidone Progesterone Pronamide Propachlor 1,3-Propane sultone Propargite Propargite Propargite Propazine beta-Propiolactone Propoxur Propylene glycol mono-t-butyl ether Propylene oxide Propylthiouracil Propylthiouracil Pulegone Pymetrozine Pyridine Pyrimethamine Quazepam	Type of Toxicity cancer cancer developmental cancer cancer cancer cancer cancer cancer developmental developmental, female cancer developmental cancer developmental cancer developmental cancer developmental	CAS No. 671-16-9 366-70-1 366-70-1 32809-16-8 57-83-0 23950-58-5 1918-16-7 1120-71-4 2312-35-8 2312-35-8 139-40-2 57-57-8 114-26-1 57018-52-7 75-56-9 51-52-5 89-82-7 123312-89-0 110-86-1 58-14-0	Date Listed January 1, 1988 January 1, 1988 July 1, 1990 October 1, 1994 January 1, 1988 May 1, 1996 February 27, 2001 January 1, 1988 October 1, 1994 June 15, 1999 July 15, 2016 January 1, 1988 August 11, 2006 June 11, 2004 October 1, 1988 January 1, 1988 January 1, 1988 January 1, 1988 July 1, 1990 April 18, 2014 March 22, 2011 May 17, 2002 January 29, 1999 August 26, 1997
Quinoline and its strong acid salts Quizalofop-ethyl	cancer male	76578-14-8	October 24, 1997 December 24, 1999
Radionuclides Reserpine Residual (heavy) fuel oils Resmethrin Resmethrin 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.)	cancer cancer cancer cancer developmental developmental	 50-55-5 10453-86-8 10453-86-8 	July 1, 1989 October 1, 1989 October 1, 1990 July 1, 2008 November 6, 1998 July 1, 1989
Ribavirin Ribavirin Riddelliine Rifampin	developmental male cancer developmental, female	36791-04-5 36791-04-5 23246-96-0 13292-46-1	April 1, 1990 February 27, 2001 December 3, 2004 February 27, 2001
Saccharin, Delisted April 6, 2001 Saccharin, sodium, Delisted January 17, 2003 Safrole Salted fish, Chinese-style Secobarbital sodium Sedaxane Selenium sulfide Sermorelin acetate Shale-oils	cancer cancer cancer cancer developmental cancer cancer developmental cancer developmental cancer	81-07-2 128-44-9 94-59-7 309-43-3 874967-67-6 7446-34-6 68308-34-9	October 1, 1989 January 1, 1988 January 1, 1988 April 29, 2011 October 1, 1992 July 1, 2016 October 1, 1989 August 20, 1999 April 1, 1990

<u>Chemical</u> Silica, crystalline (airborne particles	Type of Toxicity cancer	CAS No.	Date Listed October 1, 1988
of respirable size)	Caricei		October 1, 1900
Simazine Sodium dimethyldithiocarbamate Sodium fluoroacetate Soots, tars, and mineral oils(untreated and mildly treated	developmental, female developmental male cancer	122-34-9 128-04-1 62-74-8 	July 15, 2016 March 30 1999 November 6, 1998 February 27, 1987
oils and used engine oils) Spirodiclofen Spironolactone Stanozolol Sterigmatocystin Streptomycin sulfate Streptozocin (streptozotocin)	cancer cancer cancer cancer developmental developmental, female, male	148477-71-8 52-01-7 10418-03-8 10048-13-2 3810-74-0 18883-66-4	October 8, 2010 May 1, 1997 May 1, 1997 April 1, 1988 January 1, 1991 August 20, 1999
Streptozotocin (streptozocin) Strong inorganic acid mists	cancer cancer	18883-66-4 	January 1, 1988 March 14, 2003
containing sulfuric acid Styrene	cancer	100-42-5	April 22, 2016
Styrene oxide Sulfallate Sulfasalazine (Salicylazosulfapyridine)	cancer cancer cancer	96-09-3 95-06-7 599-79-1	October 1, 1988 January 1, 1988 May 15, 1998
Sulfasalazine (Salicylazosulfapyridine)	male	599-79-1	January 29, 1999
Sulfur dioxide Sulindac	developmental developmental, female	7446-09-5 38194-50-2	July 29, 2011 January 29, 1999
Talc containing asbestiform fibers Tamoxifen and its salts Tamoxifen citrate Temazepam Teniposide Terbacil Teriparatide Terrazole Testosterone and its esters Testosterone cypionate Testosterone enanthate Tetrabromobisphenol A 3,3',4,4'-Tetrachloroazobenzene 2,3,7,8-Tetrachlorodibenzo-p- dioxin (TCDD)	cancer cancer developmental developmental developmental developmental cancer cancer developmental developmental developmental cancer cancer cancer cancer cancer cancer	10540-29-1 54965-24-1 846-50-4 29767-20-2 5902-51-2 52232-67-4 2593-15-9 58-22-0 58-20-8 315-37-7 79-94-7 14047-09-7 1746-01-6	April 1, 1990 September 1, 1996 July 1, 1990 April 1, 1990 September 1, 1996 May 18, 1999 August 14, 2015 October 1, 1994 April 1, 1988 October 1, 1991 April 1, 1990 October 27, 2017 July 24, 2012 January 1, 1988
2,3,7,8-Tetrachlorodibenzo-p- dioxin (TCDD)	developmental	1746-01-6	April 1, 1991
1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene (Perchloroethylene)	cancer cancer cancer	630-20-6 79-34-5 127-18-4	September 13, 2013 July 1, 1990 April 1, 1988
p-a,a,a-Tetrachlorotoluene Tetrachlorvinphos Tetracycline (internal use) Tetracyclines (internal use) Tetracycline hydrochloride (internal use)	cancer cancer developmental developmental developmental	5216-25-1 22248-79-9 60-54-8 64-75-5	January 1, 1990 May 20, 2016 October 1, 1991 October 1, 1992 January 1, 1991

<u>Chemical</u> Tetrafluoroethylene Δ ⁹ -Tetrahydrocannabinol (Δ ⁹ -THC;	Type of Toxicity cancer developmental	<u>CAS No.</u> 116-14-3	Date Listed May 1, 1997 January 3, 2020
delta-9-THC) Tetrahydrofuran Tetranitromethane Thalidomide Thioacetamide 4,4'-Thiodianiline Thiodicarb Thioguanine Thiophanate methyl Thiouracil Thiourea Thorium dioxide Titanium dioxide (airborne, unbound	cancer cancer developmental cancer cancer cancer developmental female, male cancer cancer cancer cancer cancer cancer	109-99-9 509-14-8 50-35-1 62-55-5 139-65-1 59669-26-0 154-42-7 23564-05-8 141-90-2 62-56-6 1314-20-1	December 17, 2021 July 1, 1990 July 1, 1987 January 1, 1988 April 1, 1988 August 20, 1999 July 1, 1990 May 18, 1999 June 11, 2004 January 1, 1988 February 27, 1987 September 2, 2011
particles of respirable size) Tobacco, oral use of smokeless	cancer		April 1, 1988
products Tobacco smoke	cancer		April 1, 1988
Tobacco smoke (primary)	developmental, female, male	 49842-07-1	April 1, 1988
Tobramycin sulfate Toluene	developmental developmental female	108-88-3 108-88-3	July 1, 1990 January 1, 1991 August 7, 2009
Toluene diisocyanate o-Toluidine o-Toluidine hydrochloride para-Toluidine , <u>Delisted October</u> 29, 1999	cancer cancer cancer cancer	26471-62-5 95-53-4 636-21-5 106-49-0	October 1, 1989 January 1, 1988 January 1, 1988 January 1, 1990
Topiramate Toxaphene (Polychlorinated	developmental cancer	97240-79-4 8001-35-2	November 27, 2015 January 1, 1988
camphenes) Toxins derived from <i>Fusarium</i> Moniliforme (Fusarium verticillioides)	cancer		August 7, 2009
Treosulfan Triadimefon	cancer developmental, female, male	299-75-2 43121-43-3	February 27, 1987 March 30, 1999
Triamterene Triazolam S,S,S-Tributyl phosphorotrithioate (Tribufos, DEF)	cancer developmental cancer	396-01-0 28911-01-5 78-48-8	April 18, 2014 April 1, 1990 February 25, 2011
Tributyltin methacrylate Trichlormethine (Trimustine	developmental cancer	2155-70-6 817-09-4	December 1, 1999 January 1, 1992
hydrochloride) Trichloroacetic acid Trichloroethylene Trichloroethylene 2,4,6-Trichlorophenol 1,2,3-Trichloropropane Trientine hydrochloride Triforine 1,3,5-Triglycidyl-s-triazinetrione, Delisted December 13, 2013	cancer cancer developmental, male cancer cancer developmental developmental male	76-03-9 79-01-6 79-01-6 88-06-2 96-18-4 38260-01-4 26644-46-2 2451-62-9	September 13, 2013 April 1, 1988 January 31, 2014 January 1, 1988 October 1,1992 February 27, 2001 June 18, 1999 August 7, 2009
Trilostane Trimethadione	developmental developmental	13647-35-3 127-48-0	April 1, 1990 January 1, 1991

<u>Chemical</u>	Type of Toxicity	CAS No.	Date Listed
2,4,5-Trimethylaniline and its strong	cancer		October 24, 1997
acid salts			
Trimethylolpropane triacrylate,	cancer		December 17, 2021
technical grade			
Trimethyl phosphate	cancer	512-56-1	May 1, 1996
Trimetrexate glucoronate	developmental	82952-64-5	August 26, 1997
TRIM® VX	cancer		May 25, 2018
2,4,6-Trinitrotoluene (TNT)		118-96-7	December 19, 2008
	cancer		
Triphenyltin hydroxide	cancer	76-87-9	July 1, 1992
Triphenyltin hydroxide	developmental	76-87-9	March 18, 2002
Tris(aziridinyl)-p-benzoquinone	cancer	68-76-8	October 1, 1989
(Triaziquone), Delisted December			
<u>8, 2006</u>			
Tris(1-aziridinyl)phosphine sulfide	cancer	52-24-4	January 1, 1988
(Thiotepa)			
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)	cancer	13674-87-8	October 28, 2011
phosphate (TDCPP)	3333.		
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
Trypan blue (commercial grade)	cancer	72-57-1	October 1, 1989
rrypair blue (commercial grade)	Caricei	12-31-1	October 1, 1909
Unloaded gaseline (whelly	cancor		April 1, 1988
Unleaded gasoline (wholly	cancer		April 1, 1900
vaporized)	00000	CC 7E 1	Amril 1 1000
Uracil mustard	cancer	66-75-1	April 1, 1988
Uracil mustard	developmental, female,	66-75-1	January 1, 1992
	male		
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	cancer	1314-62-1	February 11, 2005
crystalline form)	3333.		: c.c. c.c. j : :, =ccc
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
Vinciozonii Vincristine sulfate		2068-78-2	
	developmental		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	cancer	106-87-6	July 1, 1990
(Vinyl cyclohexene dioxide)			
Vinyl cyclohexene dioxide (4-Vinyl-	female, male	106-87-6	August 1, 2008
1-cyclohexene diepoxide)			_
Vinyl fluoride	cancer	75-02-5	May 1, 1997
Vinylidene chloride (1,1-	cancer	75-35-4	December 29, 2017
Dichloroethylene)			•
Vinyl trichloride (1,1,2-	cancer	79-00-5	October 1, 1990
Trichloroethane)	cancer	1 3-00-0	October 1, 1990
	developmental famala	879085-55-9	January 27 2017
Vismodegib	developmental, female,	019005-33-9	January 27, 2017
	male		

<u>Chemical</u> Warfarin Wood dust	Type of Toxicity developmental cancer	<u>CAS No.</u> 81-81-2 	Date Listed July 1, 1987 December 18, 2009
2,6-Xylidine (2,6-Dimethylaniline)	cancer	87-62-7	January 1, 1991
Zalcitabine Zidovudine (AZT) Zileuton	cancer cancer cancer, developmental, female	7481-89-2 30516-87-1 111406-87-2	August 7, 2009 December 18, 2009 December 22, 2000