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 January 27, 2017

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.

Chemical	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 Acrylamide Acrylonitrile Actinomycin D AF-2;[2-(2-furyl)-3-(5-nitro-2-furyl)]	cancer cancer developmental cancer developmental cancer cancer developmental, male cancer cancer developmental cancer developmental cancer	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 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, when	cancer cancer cancer	 15972-60-8 	January 1, 1988 January 1, 1989 July 1, 1988
associated with alcohol abuse Aldrin All-trans retinoic acid Allyl chloride Delisted October 29, 1999	cancer developmental cancer	309-00-2 302-79-4 107-05-1	July 1, 1988 January 1, 1989 January 1, 1990
Aloe Vera, non-decolorized whole	cancer		December 4, 2015
leaf extract Alprazolam Altretamine Amantadine hydrochloride Amikacin sulfate 2-Aminoanthraquinone <i>p</i> -Aminoazobenzene <i>o</i> -Aminoazotoluene 4-Aminobiphenyl (4-amino-	developmental developmental, male developmental developmental cancer cancer cancer cancer	28981-97-7 645-05-6 665-66-7 39831-55-5 117-79-3 60-09-3 97-56-3 92-67-1	July 1, 1990 August 20, 1999 February 27, 2001 July 1, 1990 October 1, 1989 January 1, 1990 July 1, 1987 February 27, 1987

diphenyl)		04 40 0	1
1-Amino-2,4-dibromo-	cancer	81-49-2	August 26, 1997
anthraquinone	00000r	6100 07 2	lub/1 1000
3-Amino-9-ethylcarbazole	cancer	6109-97-3	July 1, 1989
hydrochloride		450 70 0	lanuar (20, 1000
2-Aminofluorene	cancer	153-78-6	January 29, 1999
Aminoglutethimide	developmental	125-84-8	July 1, 1990
Aminoglycosides	developmental	 82-28-0	October 1, 1992
1-Amino-2-methylanthraquinone	cancer	62-26-0 712-68-5	October 1, 1989
2-Amino-5-(5-nitro-2-furyl)-1,3,4-	cancer	/12-00-0	July 1, 1987
thiadiazole	oopoor	119-34-6	lonuon/20 1000
4-Amino-2-nitrophenol	cancer	54-62-6	January 29, 1999
Aminopterin	developmental, female	19774-82-4	July 1, 1987
Amiodarone hydrochloride	developmental, female, male	19/14-02-4	August 26, 1997
Amitraz		33089-61-1	March 30, 1999
Amitrole	developmental cancer	61-82-5	July 1, 1987
Amozapine	developmental	14028-44-5	May 15, 1998
Amsacrine	cancer	51264-14-3	August 7, 2009
tert-Amyl methyl ether	developmental	994-05-8	December 18, 2009
Delisted December 13, 2013	developmental	334-03-0	December 10, 2003
Anabolic steroids	female, male		April 1, 1990
Analgesic mixtures containing	cancer		February 27, 1987
phenacetin	earleer		
Androstenedione	cancer	63-05-8	May 3, 2011
Angiotensin converting enzyme	developmental		October 1, 1992
(ACE) inhibitors	aovolopinontai		
Aniline	cancer	62-53-3	January 1, 1990
Aniline hydrochloride	cancer	142-04-1	May 15, 1998
<i>o</i> -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	cancer		February 27, 1987
compounds)			,
Arsenic (inorganic oxides)	developmental		May 1, 1997
Asbestos	cancer	1332-21-4	February 27, 1987
Aspirin (NOTE: It is especially	developmental, female	50-78-2	July 1, 1990
important not to use aspirin	•		2 ·
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.)			
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
Azathioprine	cancer	446-86-6	February 27, 1987

Azathioprine Azobenzene	developmental cancer	446-86-6 103-33-3	September 1, 1996 January 1, 1990
Barbiturates Beclomethasone dipropionate Benomyl Benthiavalicarb-isopropyl Benz[a]anthracene Benzene Benzene Benzene Benzidine [and its salts] Benzidine-based dyes Benzodiazepines Benzo[b]fluoranthene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[k]fluoranthene Benzofuran Benzophenone Benzofuran Benzophenone Benzofurahene Benzotrichloride Benzyl chloride Benzyl violet 4B Beryllium and beryllium compounds Betel quid with tobacco	developmental developmental, male cancer cancer cancer developmental, male 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 	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 July 1, 1987 October 1, 1987 July 1, 1987 October 1, 1987 January 1, 1990 February 3, 2006
2,2-Bis(bromomethyl)-1,3- propanediol Bis(2 ablaraathyl)ethor	cancer	3296-90-0 111-44-4	May 1, 1996
Bis(2-chloroethyl)ether N,N-Bis(2-chloroethyl)-2- naphthylamine (Chlornapazine)	cancer cancer	494-03-1	April 1, 1988 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 Bis(2-chloro-1-methylethyl)ether,	cancer cancer	542-88-1 	February 27, 1987 October 29, 1999
technical grade Bisphenol A (BPA) Bisphenol A (BPA) Delisted April 19, 2013	female developmental	80-05-7 80-05-7	May 11, 2015 April 11, 2013
Bitumens, extracts of steam-refined	cancer		January 1, 1990
and air refined Bracken fern Bromacil lithium salt Bromacil lithium salt Bromoteloroacetic acid Bromodichloroacetic acid Bromodichloromethane Bromoethane Bromoform 1-Bromopropane (1-BP) 1-Bromopropane (2-BP)	cancer developmental male cancer cancer cancer cancer cancer cancer cancer developmental, female, male female, male	 53404-19-6 53404-19-6 15541-45-4 5589-96-8 71133-14-7 75-27-4 74-96-4 75-25-2 106-94-5 106-94-5 106-94-5	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 May 31, 2005

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Bromoxynil Bromoxynil octanoate Butabarbital sodium 1,3-Butadiene 1,3-Butadiene	developmental developmental developmental cancer developmental, female, male	1689-84-5 1689-99-2 143-81-7 106-99-0 106-99-0	October 1, 1990 May 18, 1999 October 1, 1992 April 1, 1988 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 Butyl benzyl phthalate (BBP) n-Butyl glycidyl ether Delisted April 4, 2014	cancer developmental male	25013-16-5 85-68-7 2426-08-6	January 1, 1990 December 2, 2005 August 7, 2009
beta-Butyrolactone	cancer	3068-88-0	July 1, 1987
Cacodylic acid Cadmium Cadmium and cadmium compounds	cancer developmental, male cancer	75-60-5 	May 1, 1996 May 1, 1997 October 1, 1987
Caffeic acid Captafol Captan Carbamazepine Carbaryl Carbaryl	cancer cancer cancer developmental cancer developmental, female,	331-39-5 2425-06-1 133-06-2 298-46-4 63-25-2 63-25-2	October 1, 1994 October 1, 1988 January 1, 1990 January 29, 1999 February 5, 2010 August 7, 2009
Carbazole Carbon black (airborne, unbound particles of respirable size)	male cancer cancer	86-74-8 1333-86-4	May 1, 1996 February 21, 2003
Carbon-black extracts Carbon disulfide	cancer developmental, female, male	 75-15-0	January 1, 1990 July 1, 1989
Carbon monoxide Carbon tetrachloride Carboplatin N-Carboxymethyl-N-nitrosourea Catechol Ceramic fibers (airborne particles	developmental cancer developmental cancer cancer cancer	630-08-0 56-23-5 41575-94-4 60391-92-6 120-80-9 	July 1, 1989 October 1, 1987 July 1, 1990 January 25, 2002 July 15, 2003 July 1, 1990
of respirable size) Certain combined chemotherapy for lymphomas	cancer		February 27, 1987
Chenodiol Chloral Chloral hydrate Chlorambucil Chlorambucil Chloramphenicol	developmental cancer cancer cancer developmental cancer	474-25-9 75-87-6 302-17-0 305-03-3 305-03-3 56-75-7	April 1, 1990 September 13, 2013 September 13, 2013 February 27, 1987 January 1, 1989 October 1, 1989
Delisted January 4, 2013 Chloramphenicol sodium succinate Chlorcyclizine hydrochloride Chlordane Chlordecone (Kepone) Chlordecone (Kepone) Chlordiazepoxide Chlordiazepoxide hydrochloride	cancer developmental cancer cancer developmental developmental developmental	982-57-0 1620-21-9 57-74-9 143-50-0 143-50-0 58-25-3 438-41-5	September 27, 2013 July 1, 1987 July 1, 1988 January 1, 1988 January 1, 1989 January 1, 1992 January 1, 1992

Chlordimeform	cancer	6164-98-3	January 1, 1989
Chlorendic acid	cancer	115-28-6	July 1, 1989
Chlorinated paraffins (Average	cancer	108171-26-2	July 1, 1989
chain length, C12; approximately			,
60 percent chlorine by weight)			
<i>p</i> -Chloroaniline	cancer	106-47-8	October 1, 1994
<i>p</i> -Chloroaniline hydrochloride	cancer	20265-96-7	May 15, 1998
Chlorodibromomethane	cancer	124-48-1	January 1, 1990
Delisted October 29, 1999 Chloroethane (Ethyl chloride)	cancer	75-00-3	July 1, 1990
1-(2-Chloroethyl)-3-cyclohexyl-	cancer	13010-47-4	January 1, 1988
1-nitrosourea (CCNU) (Lomustine)	Carloon		canaary 1, 1000
1-(2-Chloroethyl)-3-cyclohexyl-	developmental	13010-47-4	July 1, 1990
1-nitrosourea (CCNU) Lomustine)	-		_
1-(2-Chloroethyl)-3-(4-methyl-	cancer	13909-09-6	October 1, 1988
cyclohexyl) -1-nitrosourea			
(Methyl-CCNU) Chloroform	concor	67-66-3	October 1, 1987
Chloroform	cancer developmental	67-66-3	August 7, 2009
Chloromethyl methyl ether	cancer	107-30-2	February 27, 1987
(technical grade)			· · · · · · · · · · · · · · · · · · ·
3-Chloro-2-methylpropene	cancer	563-47-3	July 1, 1989
1-Chloro-4-nitrobenzene	cancer	100-00-5	October 29, 1999
4-Chloro-o-phenylenediamine	cancer	95-83-0	January 1, 1988
Chloroprene 2-Chloropropionic acid	cancer male	126-99-8 598-78-7	June 2, 2000 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	cancer		May 15, 1998
salts of			j
5-Chloro-o-toluidine and	cancer		October 24, 1997
its strong acid salts			0
Chlorotrianisene Chlorozotocin	cancer	569-57-3 54749-90-5	September 1, 1996 January 1, 1992
Chlorsulfuron	cancer developmental, female,	64902-72-3	May 14, 1992
Delisted June 6, 2014	male	04002720	May 14, 1000
Chromium (hexavalent compounds)	cancer		February 27, 1987
Chromium (hexavalent compounds)	developmental, female,		December 19, 2008
	male		
Chrysene	cancer	218-01-9	January 1, 1990
C.I. Acid Red 114 C.I. Basic Red 9	cancer	6459-94-5 569-61-9	July 1, 1992 July 1, 1989
monohydrochloride	cancer	509-01-9	July 1, 1909
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;	cancer	59865-13-3	January 1, 1992
Cyclosporine)	annear developmental	79217-60-0	Jonuary 20, 1000
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 Clomiphene citrate Clomiphene citrate Clorazepate dipotassium CMNP (pyrazachlor) Cobalt metal powder Cobalt [II] oxide Cobalt sulfate Cobalt sulfate heptahydrate Cocaine Coconut oil diethanolamine condensate (cocamide diethanolamine)	cancer cancer developmental developmental cancer cancer cancer cancer cancer developmental, female cancer	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	September 1, 1996 May 24, 2013 April 1, 1990 October 1, 1992 August 25, 2015 July 1, 1992 July 1, 1992 May 20, 2005 June 2, 2000 July 1, 1989 June 22, 2012
Codeine phosphate Coke oven emissions Colchicine Conjugated estrogens Conjugated estrogens Creosotes <i>p</i> -Cresidine Cumene Cupferron Cyanazine	developmental cancer developmental, male cancer developmental cancer cancer cancer cancer developmental	52-28-8 64-86-8 120-71-8 98-82-8 135-20-6 21725-46-2	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
Cycasin Cycloate Cyclohexanol <u>Delisted</u> January 25, 2002	cancer developmental male	14901-08-7 1134-23-2 108-93-0	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)	cancer developmental, female, male	6055-19-2 6055-19-2	February 27, 1987 January 1, 1989
Cyhexatin Cytarabine Cytembena	developmental developmental cancer	13121-70-5 147-94-4 21739-91-3	January 1, 1989 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 Daunorubicin hydrochloride 2,4-D butyric acid DDD (Dichlorodiphenyl- dichloroethane) DDE (Dichlorodi- phenyldichloroethylene)	cancer cancer cancer cancer developmental cancer developmental cancer cancer developmental developmental , male cancer 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 20830-81-3 23541-50-6 94-82-6 72-54-8 72-55-9	July 1, 1990 October 1, 1990 July 1, 1990 January 1, 1988 January 29, 1999 January 29, 1999 January 1, 1990 January 1, 1992 January 1, 1988 July 1, 1990 June 18, 1999 January 1, 1989 January 1, 1989

DDT (Dichlorodi-	cancer	50-29-3	October 1, 1987
phenyltrichloroethane)			
o,p'-DDT	developmental, female,	789-02-6	May 15, 1998
	male	50.00.0	May 15 1000
p,p'-DDT	developmental, female,	50-29-3	May 15, 1998
$DD \setminus D$ (Diablem (co))	male	62-73-7	lonuon (1 1090
DDVP (Dichlorvos) Demeclocycline hydrochloride	cancer developmental	64-73-3	January 1, 1989 January 1, 1992
(internal use)	developmental	04-73-3	January 1, 1992
Des-ethyl atrazine (DEA)	developmental, female	6190-65-4	July 15, 2016
Des-isopropyl atrazine (DLA)	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)	developmental, temale	0007 02 4	5diy 13, 2010
4,4'-Diaminodiphenyl ether	cancer	101-80-4	January 1, 1988
(4,4'-Oxydianiline)	Sanson		
2,4-Diaminotoluene	cancer	95-80-7	January 1, 1988
Diaminotoluene (mixed)	cancer		January 1, 1990
Delisted November 20, 2015	Sancor		
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
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		70 55 0	
1,1-Dichloro-2,2-bis(<i>p</i> -	developmental, male	72-55-9	March 30, 2010
chlorophenyl)ethylene (DDE)		704 44 0	lanuar (1, 1000
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 Dichloroothono	oopoor	75 24 2	lonuon (1 1000
1,1-Dichloroethane	cancer	75-34-3 75-09-2	January 1, 1990 April 1, 1988
Dichloromethane (Methylene chloride)	cancer	10-03-2	Apiii 1, 1900
Dichlorophene	developmental	97-23-4	April 27, 1999
Districtopriorio	actorphicitai	01 <u>2</u> 0 T	$npm \mathbf{z}i, 1000$
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1,2-Dichloropropane 1,3-Dichloro-2-propanol (1,3-DCP) 1,3-Dichloropropene Dichlorphenamide Diclofop-methyl Diclofop methyl Dicumarol Dieldrin <u>Dienestrol Delisted January 4, 2013</u> Diepoxybutane Diesel engine exhaust Diethanolamine Di(2-ethylhexyl)phthalate (DEHP) Di(2-ethylhexyl)phthalate (DEHP) 1,2-Diethylhydrazine Diethylstilbestrol (DES) Diethylstilbestrol (DES) Diethyl sulfate Diflunisal <u>Diglycidyl ether</u> <u>Delisted April 4, 2014</u> Diglycidyl resorcinol ether (DGRE)	cancer cancer cancer developmental cancer developmental cancer cancer cancer cancer cancer cancer cancer cancer cancer developmental, male cancer developmental cancer developmental cancer	78-87-5 $96-23-1$ $542-75-6$ $120-97-8$ $51338-27-3$ $66-76-2$ $60-57-1$ $84-17-3$ $1464-53-5$ $111-42-2$ $117-81-7$ $1615-80-1$ $56-53-1$ $56-53-1$ $56-53-1$ $56-53-1$ $64-67-5$ $22494-42-4$ $2238-07-5$ $101-90-6$	January 1, 1990 October 8, 2010 January 1, 1989 February 27, 2001 April 6, 2010 March 5, 1999 October 1, 1992 July 1, 1988 January 1, 1988 October 1, 1990 June 22, 2012 January 1, 1988 October 24, 2003 January 1, 1988 February 27, 1987 July 1, 1987 January 1, 1988 January 29, 1999 August 7, 2009
Di- <i>n</i> -hexyl phthalate (DnHP) Di- <i>n</i> -butyl phthalate (DBP)	female, male developmental, female, male	84-75-3 84-74-2	December 2, 2005 December 2, 2005
Dihydroergotamine mesylate Dihydrosafrole Di-isodecyl phthalate (DIDP)	developmental cancer developmental	6190-39-2 94-58-6 68515-49-1/ 26761-40-0	May 1, 1997 January 1, 1988 April 20, 2007
Diisononyl phthalate (DINP) Diisopropyl sulfate Diltiazem hydrochloride 3,3'-Dimethoxybenzidine (o-Dianisidine)	cancer cancer developmental cancer	2973-10-6 33286-22-5 119-90-4	December 20, 2013 April 1, 1993 February 27, 2001 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 4-Dimethylaminoazobenzene <i>trans</i> -2-[(Dimethylamino)methyl- imino]-5-[2-(5-nitro-2-furyl)vinyl]- 1,3,4-oxadiazole	developmental, male cancer cancer	127-19-5 60-11-7 55738-54-0	May 21, 2010 January 1, 1988 January 1, 1988
7,12-Dimethylbenz(a)anthracene 3,3'-Dimethylbenzidine (ortho-Tolidine)	cancer cancer	57-97-6 119-93-7	January 1, 1990 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 1,1-Dimethylhydrazine (UDMH) 1,2-Dimethylhydrazine 2,6-Dimethyl-N-nitrosomorpholine (DMNM)	cancer cancer cancer cancer	79-44-7 57-14-7 540-73-8 1456-28-6	January 1, 1988 October 1, 1989 January 1, 1988 February 8, 2013

Dimethyl sulfate <i>N,N</i> -Dimethyl- <i>p</i> -toluidine Dimethylvinylchloride <i>m</i> -Dinitrobenzene <i>p</i> -Dinitrobenzene <i>p</i> -Dinitrobenzene 3,7-Dinitrofluoranthene 3,9-Dinitrofluoranthene 3,9-Dinitrofluoranthene 1,3-Dinitropyrene 1,6-Dinitropyrene 1,8-Dinitropyrene Dinitrotoluene (technical grade) 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2,6-Dinitrotoluene 2,6-Dinitrotoluene Dinitrotoluene mixture, 2,4-/2,6- Dinocap Dinoseb Di- <i>n</i> -propyl isocinchomeronate (MGK Repellent 326) 1,4-Dioxane Diphenylhydantoin (Phenytoin) Diphenylhydantoin (Phenytoin)	cancer cancer male male male cancer cancer cancer cancer cancer cancer female, male cancer male cancer male cancer male cancer developmental developmental developmental cancer cancer cancer cancer developmental cancer	77-78-1 99-97-8 513-37-1 99-65-0 528-29-0 100-25-4 105735-71-5 22506-53-2 75321-20-9 42397-64-8 42397-65-9 121-14-2 121-14-2 606-20-2 606-20-2 606-20-2 606-20-2 606-20-2 138-85-7 136-45-8 123-91-1 57-41-0 57-41-0 630-93-3 1937-37-7 2602-46-2 16071-86-6 138-93-2 2475-45-8 330-54-1 25316-40-9	January 1, 1988 May 2, 2014 July 1, 1989 July 1, 1990 July 1, 1990 August 26, 1997 August 26, 1997 November 2, 2012 October 1, 1990 October 1, 1990 August 20, 1999 July 1, 1988 August 20, 1999 July 1, 1995 August 20, 1999 May 1, 1996 April 1, 1990 January 1, 1989 May 1, 1996 January 1, 1988 January 1, 1988 January 1, 1988 January 1, 1988 January 1, 1988 January 1, 1988 January 1, 1988 March 30, 1999 October 1, 1990 May 31, 2002 July 1, 1987
(Adriamycin) Doxorubicin hydrochloride (Adriamycin)	developmental, male	25316-40-9	January 29, 1999
Doxycycline (internal use) Doxycycline calcium (internal use) Doxycycline hyclate (internal use) Doxycycline monohydrate (internal use) 2,4-DP (dichloroprop) Delisted January 25, 2002	developmental developmental developmental developmental	564-25-0 94088-85-4 24390-14-5 17086-28-1 120-36-5	July 1, 1990 January 1, 1992 October 1, 1991 October 1, 1991 April 27, 1999
Emissions from combustion of coal Emissions from high-temperature	cancer cancer		August 7, 2013 January 3, 2014
unrefined rapeseed oil Endrin Environmental tobacco smoke	developmental developmental	72-20-8 	May 15, 1998 June 9, 2006
(ETS) 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/	October 1, 1987 September 1, 1996 April 15, 2011 April 1, 1990 October 1, 1988

		66733-21-9	
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)	cancer		November 4, 2011
used as menopausal therapy			
Estrone	cancer	53-16-7	January 1, 1988
Estropipate	cancer, developmental	7280-37-7	August 26, 1997
Ethanol in alcoholic beverages	cancer		April 29, 2011
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
Ethyl-tert-butyl ether	male	637-92-3	December 18, 2009
Delisted December 13, 2013			
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-	cancer	107-06-2	October 1, 1987
Dichloroethane)	cancer	101 00 2	
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	developmental, male	111-15-9	January 1, 1993
ether acetate	developmental, male		
Ethylene glycol monomethyl ether	developmental, male	109-86-4	January 1, 1989
Ethylene glycol monomethyl	developmental, male	110-49-6	January 1, 1993
ether acetate	developmental, male		
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
2-Ethylhexanoic acid	developmental	149-57-5	August 7, 2009
Delisted December 13, 2013	developmentai	140 01 0	August 7, 2005
Ethyl methanesulfonate	cancer	62-50-0	January 1, 1988
Etodolac	developmental, female	41340-25-4	August 20, 1999
Etoposide	cancer	33419-42-0	November 4, 2011
Etoposide	developmental	33419-42-0	July 1, 1990
Etoposide in combination with	cancer		November 4, 2011
cisplatin and bleomycin	Callee		November 4, 2011
Etretinate	developmental	54350-48-0	July 1, 1987
Litelinate	developmental	0-000-0	5diy 1, 1507
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
			ung 1, 1000

Fluticasone propionate Fluvalinate Folpet Formaldehyde (gas) 2-(2-Formylhydrazino)-4- (5-nitro-2-furyl)thiazole	developmental developmental cancer cancer cancer	80474-14-2 69409-94-5 133-07-3 50-00-0 3570-75-0	May 15, 1998 November 6, 1998 January 1, 1989 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 Glass wool fibers	cancer female, male cancer	25812-30-0 25812-30-0 	December 22, 2000 August 20, 1999 July 1, 1990
(inhalable and biopersistent) Glu-P-1 (2-Amino-6-methyldipyrido	cancer	67730-11-4	January 1, 1990
[1,2- a:3',2'-d]imidazole) Glu-P-2 (2-Aminodipyrido [1,2-a:3',2'-d]imidazole)	cancer	67730-10-3	January 1, 1990
Glycidaldehyde Glycidol Goldenseal root powder	cancer cancer cancer	765-34-4 556-52-5 	January 1, 1988 July 1, 1990 December 4, 2015
Goserelin acetate	developmental, female, male	65807-02-5	August 26, 1997
Griseofulvin Gyromitrin (Acetaldehyde methylformylhydrazone)	cancer cancer	126-07-8 16568-02-8	January 1, 1990 January 1, 1988
Halazepam Halobetasol propionate Haloperidol Halothane HC Blue 1 Heptachlor Heptachlor Heptachlor epoxide Herbal remedies containing plant species of the genus <i>Aristolochia</i>	developmental developmental developmental, female developmental cancer cancer developmental cancer cancer	23092-17-3 66852-54-8 52-86-8 151-67-7 2784-94-3 76-44-8 76-44-8 1024-57-3 	July 1, 1990 August 20, 1999 January 29, 1999 September 1, 1996 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	cancer cancer cancer	34465-46-8 67-72-1 	April 1, 1988 July 1, 1990 March 4, 2005

isomer; 11% cis, trans isomer)		684-16-2	August 1, 2008
Hexafluoroacetone Hexamethylphosphoramide	developmental, male cancer	680-31-9	August 1, 2008 January 1, 1988
Hexamethylphosphoramide	male	680-31-9	October 1, 1994
2,5-Hexanedione	male	110-13-4	December 4, 2015
Histrelin acetate	developmental		May 15, 1998
Hydramethylnon Hydrazine	developmental, male cancer	67485-29-4 302-01-2	March 5, 1999 January 1, 1988
Hydrazine sulfate	cancer	10034-93-2	January 1, 1988
Hydrazobenzene	cancer	122-66-7	January 1, 1988
(1,2-Diphenylhydrazine)	_		
Hydrogen cyanide (HCN) and	male		July 5, 2013
cyanide salts (CN salts) 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
lfosfamide	developmental	3778-73-2	July 1, 1990
lodine-131	developmental	10043-66-0	January 1, 1989
Imazalil Indeno[1,2,3-cd]pyrene	cancer cancer	35554-44-0 193-39-5	May 20, 2011 January 1, 1988
Indium phosphide	cancer	22398-80-7	February 27, 2001
IQ (2-Amino-3-methylimidazo	cancer	76180-96-6	April 1, 1990
[4,5-f] quinoline)		00704407	N (1000
Iprodione	cancer	36734-19-7 140923-17-7	May 1, 1996 June 1, 2007
lprovalicarb	cancer	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 Isosafrole <u>Delisted</u>	cancer cancer	881685-58-1 120-58-1	July 24, 2012 October 1, 1989
December 8, 2006	Cancer	120-00-1	
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
Lasiocarpine Lead	cancer developmental, female,	303-34-4	April 1, 1988 February 27, 1987
Leau	male		$February \mathbf{Z}^{T}, T90^{T}$
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 Leather dust	cancer	1335-32-6	October 1, 1989
Leuprolide acetate	cancer developmental, female,	 74381-53-6	April 29, 2011 August 26, 1997
	male	. 1001 00 0	, laguet 20, 1001
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
Cyclone Aane ISOINEIS			

Linuron Lithium carbonate Lithium citrate Lorazepam Lovastatin Lynestrenol	developmental developmental developmental developmental developmental cancer	330-55-2 554-13-2 919-16-4 846-49-1 75330-75-5 52-76-6	March 19, 1999 January 1, 1991 January 1, 1991 July 1, 1990 October 1, 1992 February 27, 2001
Malathion Malonaldehyde, sodium salt Mancozeb Maneb Marijuana smoke Me-A-alpha-C (2-Amino-3-methyl- 9H-pyrido[2,3-b]indole)	cancer cancer cancer cancer cancer cancer	121-75-5 24382-04-5 8018-01-7 12427-38-2 68006-83-7	May 20, 2016 May 3, 2011 January 1, 1990 January 1, 1990 June 19, 2009 January 1, 1990
Mebendazole Medroxyprogesterone acetate Medroxyprogesterone acetate Megestrol acetate Megestrol acetate MeIQ (2-Amino-3,4-dimethyl- imidazo[4,5-f]quinoline)	developmental cancer developmental cancer developmental cancer	31431-39-7 71-58-9 71-58-9 595-33-5 595-33-5 77094-11-2	August 20, 1999 January 1, 1990 April 1, 1990 March 28, 2014 January 1, 1991 October 1, 1994
MeIQx (2-Amino-3,8-dimethyl-	cancer	77500-04-0	October 1, 1994
imidazo[4,5-f]quinoxaline) Melphalan Melphalan Menotropins Mepanipyrim Meprobamate Mercaptopurine Mercury and mercury compounds Merphalan Mestranol Metam potassium Methacycline hydrochloride Metham sodium Metham sodium Metham sodium Methanol Methazole Methimazole Methotrexate Methotrexate sodium 5-Methoxypsoralen with ultraviolet A therapy	cancer developmental developmental developmental developmental developmental cancer cancer developmental developmental developmental developmental developmental developmental developmental developmental developmental developmental developmental developmental developmental developmental developmental developmental	148-82-3 148-82-3 9002-68-0 110235-47-7 57-53-4 6112-76-1 531-76-0 72-33-3 137-41-7 3963-95-9 137-42-8 67-56-1 20354-26-1 60-56-0 59-05-2 15475-56-6 484-20-8	February 27, 1987 July 1, 1990 April 1, 1990 July 1, 2008 January 1, 1992 July 1, 1990 July 1, 1990 April 1, 1988 April 1, 1988 December 31, 2010 January 1, 1991 November 6, 1998 May 15, 1998 March 16, 2012 December 1, 1999 July 1, 1990 January 1, 1989 April 1, 1990 October 1, 1988
8-Methoxypsoralen with ultraviolet A therapy	cancer	298-81-7	February 27, 1987
2-Methylaziridine (Propyleneimine) Methylazoxymethanol Methylazoxymethanol acetate Methyl bromide, as a structural	cancer cancer cancer developmental	75-55-8 590-96-5 592-62-1 74-83-9	January 1, 1988 April 1, 1988 April 1, 1988 January 1, 1993
fumigant Methyl carbamate Methyl chloride Methyl chloride 3-Methylcholanthrene 5-Methylchrysene 4,4'-Methylene bis(2-chloroaniline)	cancer developmental male cancer cancer cancer	598-55-0 74-87-3 74-87-3 56-49-5 3697-24-3 101-14-4	May 15, 1998 March 10, 2000 August 7, 2009 January 1, 1990 April 1, 1988 July 1, 1987

4,4'-Methylene bis(N,N-dimethyl)	cancer	101-61-1	October 1, 1989
benzenamine	00000r	000 00 0	April 1 1000
4,4'-Methylene bis(2-methylaniline) 4,4'-Methylenedianiline	cancer cancer	838-88-0 101-77-9	April 1, 1988 January 1, 1988
4,4'-Methylenedianiline	cancer	13552-44-8	January 1, 1988
dihydrochloride	eancer	10002-44-0	Sandary 1, 1900
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	developmental	563-80-4	February 17, 2012
Delisted 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
2 Mothul 1 mitro anthroquinana	developmental	100 15 7	December 4, 2015
2-Methyl-1-nitroanthraquinone	cancer	129-15-7	April 1, 1988
(of uncertain purity) N-Methyl-N'-nitro-N-	cancor	70-25-7	April 1 1088
nitrosoguanidine	cancer	10-23-1	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-	cancer	98-83-9	November 2, 2012
Methylstyrene)	Sanson		
α-Methyl styrene	female	98-83-9	July 29, 2011
Delisted April 4, 2014			
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	developmental	13614-98-7	January 1, 1992
(internal use)			
Mirex	cancer	2385-85-5	January 1, 1988
Misoprostol Mitomucin C	developmental	59122-46-2	April 1, 1990
Mitomycin C Mitoxantrone hydrochloride	cancer	50-07-7 70476-82-3	April 1, 1988 January 23, 2015
Mitoxantrone hydrochloride	cancer developmental	70476-82-3	July 1, 1990
Molinate	developmental, female,	2212-67-1	December 11, 2009
Monnate	male	2212-07-1	December 11, 2003
MON 4660 (dichloroacetyl-1-	cancer	71526-07-3	March 22, 2011
oxa-4-azaspiro(4,5)-decane)	Gancon	11020 01 0	Maron 22, 2011
MON 13900 (furilazole)	cancer	121776-33-8	March 22, 2011
3-Monochloropropane-1,2-	cancer	96-24-2	October 8, 2010
diol (3-MCPD)			
Monocrotaline	cancer	315-22-0	April 1, 1988
MOPP (vincristine-prednisone-	cancer	113803-47-7	November 4, 2011
nitrogen mustard-procarbazine			
mixture)			
5-(Morpholinomethyl)-3-	cancer	139-91-3	April 1, 1988
	1/	Droposition 65	List of Chamicals

[(5-nitrofurfuryl-idene)- amino]-2-oxazolidinone			
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	developmental developmental cancer cancer cancer cancer developmental developmental cancer cancer cancer cancer cancer developmental cancer cancer 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 	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, 1987 September 1, 1996 May 7, 2004
Nickel hydroxide	cancer	12054-48-7; 12125-56-3	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, male	12035-72-2 54-11-5 21829-25-4	October 1, 1987 April 1, 1990 January 29, 1999
Nimodipine Niridazole Nitrapyrin Nitrapyrin Nitrilotriacetic acid Nitrilotriacetic acid, trisodium salt monohydrate	developmental cancer cancer developmental cancer cancer	66085-59-4 61-57-4 1929-82-4 1929-82-4 139-13-9 18662-53-8	April 24, 2001 April 1, 1988 October 5, 2005 March 30, 1999 January 1, 1988 April 1, 1989
5-Nitroacenaphthene 5-Nitro-o-anisidine Delisted December 8, 2006	cancer cancer	602-87-9 99-59-2	April 1, 1988 October 1, 1989
o-Nitroanisole Nitrobenzene A-Nitrobiphenyl 6-Nitrochrysene Nitrofen (technical grade) 2-Nitrofluorene Nitrofurantoin Nitrofurazone 1-[(5-Nitrofurfurylidene)-amino]- 2-imidazolidinone	cancer cancer male cancer cancer cancer cancer male cancer cancer	91-23-6 98-95-3 92-93-3 7496-02-8 1836-75-5 607-57-8 67-20-9 59-87-0 555-84-0	October 1, 1992 August 26, 1997 March 30, 2010 April 1, 1988 October 1, 1990 January 1, 1988 October 1, 1990 April 1, 1991 January 1, 1990 April 1, 1988
N-[4-(5-Nitro-2-furyl)-2-thiazolyl] acetamide	cancer	531-82-8	April 1, 1988

Nitrogen mustard	cancer	51-75-2	January 1, 1988
(Mechlorethamine)	cancer	01-70-Z	January 1, 1900
Nitrogen mustard	developmental	51-75-2	January 1, 1989
(Mechlorethamine) Nitrogen mustard hydrochloride	cancer	55-86-7	April 1, 1988
(Mechlorethamine hydrochloride)			h.h. 4 4000
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	cancer	302-70-5	April 1, 1988
hydrochloride			
Nitromethane	cancer	75-52-5	May 1, 1997
2-Nitropropane	cancer	79-46-9 5522-43-0	January 1, 1988 October 1, 1990
1-Nitropyrene 4-Nitropyrene	cancer 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
3-(N-Nitrosomethylamino)-	cancer	60153-49-3	April 1, 1990
propionitrile 4-(N-Nitrosomethylamino)-1-	cancer	64091-91-4	April 1, 1990
(3-pyridyl)1-butanone	Calleer	0+031-31-4	Арії 1, 1990
N-Nitrosomethyl- <i>n</i> -butylamine	cancer	7068-83-9	December 26, 2014
N-Nitrosomethyl-n-decylamine	cancer	75881-22-0	December 26, 2014
N-Nitrosomethyl-n-dodecylamine	cancer	55090-44-3	December 26, 2014
N-Nitrosomethylethylamine	cancer	10595-95-6	October 1, 1989
N-Nitrosomethyl-n-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 13256-07-0	December 26, 2014
N-Nitrosomethyl- <i>n</i> -pentylamine N-Nitrosomethyl- <i>n</i> -propylamine	cancer cancer	924-46-9	December 26, 2014 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-Nitrosonornicotine	cancer	16543-55-8	January 1, 1988
N-Nitrosopiperidine N-Nitrosopyrrolidine	cancer	100-75-4 930-55-2	January 1, 1988 October 1, 1987
N-Nitrososarcosine	cancer cancer	13256-22-9	January 1, 1988
o-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	developmental	51-98-9	October 1, 1991
(Norethindrone acetate)	dovelopmental	60 00 1/	April 1 1000
Norethisterone (Norethindrone) /Ethinyl estradiol	developmental	68-22-4/ 57-63-6	April 1, 1990
Norethisterone	developmental	68-22-4/	April 1, 1990
(Norethindrone)/Mestranol		72-33-3	
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Norethynodrel Norgestrel	cancer developmental	68-23-5 6533-00-2	February 27, 2001 April 1, 1990
Ochratoxin A Oil Orange SS Oral contraceptives, combined Oral contraceptives, sequential Oryzalin Oxadiazon Oxadiazon Oxadiazon Oxazepam p,p'-Oxybis(benzenesulfonyl hydrazide) Delisted December 13, 2013	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	female, male cancer developmental 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
(internal use) 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 Pentachlorophenol Pentachlorophenol and by-products of its synthesis (complex mixture) Pentobarbital sodium Pentosan polysulfate sodium Pentostatin	cancer cancer developmental cancer developmental cancer cancer developmental cancer developmental	12174-11-7 794-93-4 115-67-3 56-38-2 52-67-5 87-86-5 57-33-0 53910-25-1	December 28, 1999 January 1, 1988 July 1, 1990 May 20, 2016 January 1, 1991 January 1, 1990 October 21, 2016 July 1, 1990 April 18, 2014 September 1, 1996
Pertuzumab Phenacemide Phenacetin Phenazopyridine Phenazopyridine hydrochloride Phenesterin Phenobarbital Phenolphthalein Phenoxybenzamine Phenoxybenzamine hydrochloride Phenprocoumon o-Phenylenediamine and its salts Phenyl glycidyl ether Phenyl glycidyl ether Phenyl glycidyl ether Phenyl glycidyl ether	developmental developmental cancer cancer cancer cancer cancer cancer cancer cancer developmental cancer cancer male	$\frac{380610-27-5}{63-98-9}$ $62-44-2$ $94-78-0$ $136-40-3$ $3546-10-9$ $50-06-6$ $77-09-8$ $59-96-1$ $63-92-3$ $435-97-2$ $95-54-5$ $122-60-1$ $\frac{122-60-1}{122-60-1}$	January 27, 2017 July 1, 1990 October 1, 1989 January 1, 1988 July 1, 1989 January 1, 1990 May 15, 1998 April 1, 1988 April 1, 1988 October 1, 1992 May 15, 1998 October 1, 1990 August 7, 2009
Phenylhydrazine and its salts <i>o</i> -Phenylphenate, sodium <i>o</i> -Phenylphenol	cancer cancer cancer	 132-27-4 90-43-7	July 1, 1992 January 1, 1990 August 4, 2000

Phenylphosphine	developmental male	638-21-1	August 7, 2009
PhiP(2-Amino-1-methyl-6-	cancer	105650-23-5	October 1, 1994
phenylimidazol[4,5-b]pyridine) Pimozide Pioglitazone Pipobroman Pirimicarb Plicamycin Polybrominated biphenyls Polybrominated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls Polychlorinated biphenyls (containing 60 or more percent	developmental, female cancer developmental cancer developmental cancer developmental cancer developmental cancer	2062-78-4 111025-46-8 54-91-1 23103-98-2 18378-89-7 	August 20, 1999 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
chlorine by molecular weight) Polychlorinated dibenzo- <i>p</i> -dioxins Polychlorinated dibenzofurans Polygeenan Ponceau MX Ponceau 3R Potassium bromate Potassium dimethyldithiocarbamate Pravastatin sodium Prednisolone sodium phosphate Primidone Procarbazine Procarbazine hydrochloride	cancer cancer cancer cancer cancer cancer developmental developmental developmental cancer cancer cancer	 53973-98-1 3761-53-3 3564-09-8 7758-01-2 128-03-0 81131-70-6 125-02-0 125-33-7 671-16-9 366-70-1	October 1, 1992 October 1, 1992 January 1, 1988 April 1, 1988 January 1, 1990 March 30 1999 March 3, 2000 August 20, 1999 August 20, 1999 January 1, 1988 January 1, 1988
Procarbazine hydrochloride Procymidone Progesterone Pronamide Propachlor 1,3-Propane sultone Propargite Propargite Propazine beta-Propiolactone Propoxur Propylene glycol mono- <i>t</i> -butyl ether Propylene oxide Propylthiouracil Propylthiouracil Propylthiouracil Pulegone Pymetrozine Pyridine Pyrimethamine	cancer developmental cancer cancer cancer cancer cancer cancer developmental developmental, female cancer	366-70-1 32809-16-8 57-83-0 23950-58-5 1918-16-7 1120-71-4 2312-35-8 2312-35-8 2312-35-8 139-40-2 57-57-8 114-26-1 57018-52-7 75-56-9 51-52-5 51-52-5 89-82-7 123312-89-0 110-86-1 58-14-0	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 July 1, 1990 April 18, 2014 March 22, 2011 May 17, 2002 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 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 programmer is 8,000 IU)	developmental developmental	10453-86-8 	November 6, 1998 July 1, 1989
during pregnancy is 8,000 IU.) 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 Secobarbital sodium	cancer developmental	 309-43-3	April 29, 2011 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
Soots, tars, and mineral oils	cancer		February 27, 1987
(untreated and mildly treated oils and used engine oils)			
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 Streptozocin (streptozotocin)	developmental developmental, female,	3810-74-0 18883-66-4	January 1, 1991 August 20, 1999
	male	10003-00-4	August 20, 1999
Streptozotocin (streptozocin)	cancer	18883-66-4	January 1, 1988
Strong inorganic acid mists	cancer		March 14, 2003
containing sulfuric acid		400 40 5	
Styrene Styrene oxide	cancer	100-42-5 96-09-3	April 22, 2016 October 1, 1988
Sulfallate	cancer cancer	95-06-7	January 1, 1988
Sulfasalazine	cancer	599-79-1	May 15, 1998
(Salicylazosulfapyridine)			
Sulfasalazine	male	599-79-1	January 29, 1999
(Salicylazosulfapyridine) Sulfur dioxide	dovelopmental	7446-09-5	Luby 20, 2011
Sulindac	developmental developmental, female	38194-50-2	July 29, 2011 January 29, 1999
		00107 00 Z	Sandary 20, 1000
Talc containing asbestiform fibers	cancer		April 1, 1990
Tamoxifen and its salts	cancer	10540-29-1	September 1, 1996
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	10	Proposition 65	ist of Chemicals

Tamoxifen citrate Temazepam Teniposide Terbacil Teriparatide Terrazole Testosterone and its esters Testosterone cypionate Testosterone enanthate 3,3',4,4'-Tetrachloroazobenzene 2,3,7,8-Tetrachlorodibenzo-p- dioxin (TCDD)	developmental developmental developmental cancer cancer cancer developmental developmental cancer cancer	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 14047-09-7 1746-01-6	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 July 24, 2012 January 1, 1988
2,3,7,8-TetrachÍorodibenzo-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
Tetrafluoroethylene Tetranitromethane Thalidomide Thioacetamide 4,4'-Thiodianiline Thiodicarb Thioguanine Thiophanate methyl Thiouracil Thiouracil Thorium dioxide Titanium dioxide (airborne, unbound particles of respirable size)	cancer cancer developmental cancer cancer developmental female, male cancer cancer cancer cancer cancer	116-14-3 509-14-8 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 	May 1, 1997 July 1, 1990 July 1, 1987 January 1, 1988 August 20, 1999 July 1, 1990 May 18, 1999 June 11, 2004 January 1, 1988 February 27, 1987 September 2, 2011
Tobacco, oral use of smokeless products	cancer		April 1, 1988
Tobacco smoke Tobacco smoke (primary)	cancer developmental, female, male		April 1, 1988 April 1, 1988
Tobramycin sulfate Toluene	developmental developmental female	49842-07-1 108-88-3 108-88-3	July 1, 1990 January 1, 1991 August 7, 2009
Toluene diisocyanate o-Toluidine o-Toluidine hydrochloride para-Toluidine <u>Delisted October 29, 1999</u>	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

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Treosulfan	cancer	299-75-2	February 27, 1987
Triadimefon	developmental, female,	43121-43-3	March 30, 1999
Trianatarana	male	200 01 0	
Triamterene	cancer	396-01-0	April 18, 2014
Triazolam	developmental	28911-01-5	April 1, 1990
S,S,S-Tributyl phosphorotrithioate	cancer	78-48-8	February 25, 2011
(Tribufos, DEF)	-level		December 4, 4000
Tributyltin methacrylate	developmental	2155-70-6	December 1, 1999
Trichlormethine (Trimustine	cancer	817-09-4	January 1, 1992
_hydrochloride)		70.00.0	0
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 Triforine	developmental	38260-01-4	February 27, 2001
	developmental male	26644-46-2 2451-62-9	June 18, 1999
1,3,5-Triglycidyl-s-triazinetrione	male	2431-02-3	August 7, 2009
<u>Delisted December 13, 2013</u> Trilostane	developmental	13647-35-3	April 1, 1990
Trimethadione	developmental	127-48-0	January 1, 1990
2,4,5-Trimethylaniline and	cancer	127-40-0	October 24, 1997
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
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
Tris(aziridinyl)-p-benzoquinone	cancer	68-76-8	October 1, 1989
(Triaziquone)	Carloon		
Delisted December 8, 2006			
Tris(1-aziridinyl)phosphine	cancer	52-24-4	January 1, 1988
sulfide (Thiotepa)			<u> </u>
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)			
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
Liploaded geoeline (whelly	000001		April 1 1088
Unleaded gasoline (wholly vaporized)	cancer		April 1, 1988
Uracil mustard	cancor	66-75-1	April 1 1088
Oracii mustaru		00-7-5-1	April 1, 1988
	developmental, female,		January 1, 1992
Linether of (Etherid combined of a)	male	F4 70 0	lanuari (1000
Urethane (Ethyl carbamate)	cancer	51-79-6	January 1, 1988
L Irofallitrania	developmental	07040 42 0	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)			
Vinblastine sulfate	developmental	143-67-9	July 1, 1990
	•		

Vinclozolin Vincristine sulfate Vinyl bromide Vinyl chloride 4-Vinylcyclohexene 4-Vinyl-cyclohexene 4-Vinyl-1-cyclohexene diepoxide (Vinyl cyclohexene dioxide)	cancer developmental developmental cancer cancer cancer female, male cancer	50471-44-8 2068-78-2 593-60-2 75-01-4 100-40-3 100-40-3 106-87-6	August 20, 1999 May 15, 1998 July 1, 1990 October 1, 1988 February 27, 1987 May 1, 1996 August 7, 2009 July 1, 1990
Vinyl cyclohexene dioxide (4-Vinyl-1-cyclohexene diepoxide)	female, male	106-87-6	August 1, 2008
Vinyl fluoride Vinyl trichloride (1,1,2- Trichloroethane)	cancer cancer	75-02-5 79-00-5	May 1, 1997 October 1, 1990
Vismodegib	<u>developmental, female,</u> <u>male</u>	<u>879085-55-9</u>	<u>January 27, 2017</u>
Warfarin Wood dust	developmental cancer	81-81-2 	July 1, 1987 December 18, 2009
2,6-Xylidine (2,6-Dimethylaniline)	cancer	87-62-7	January 1, 1991
Zalcitabine Zidovudine (AZT) Zileuton <u>Zineb Delisted October 29, 1999</u>	cancer cancer cancer, developmental, female	7481-89-2 30516-87-1 111406-87-2	August 7, 2009 December 18, 2009 December 22, 2000

Date: January 27, 2017