

List of substances which are evaluated for carcinogenic properties

Substance name	Cas-number	Recommended category <sup>a</sup>	Year of publication
<b>A</b>			
Acetaldehyde	75-07-0	<b>1B</b>	2012
Acetaldehyde	75-07-0	<b>1B</b>	2014
N-(4-(5-nitro-2-furyl)-2-thiazolyl) acetamide	531-82-8	<b>1B</b>	1995
Acetone	67-64-1	<b>3</b>	2011
Acrylamide	79-06-1	<b>1B</b>	2002
Adriamycin	23214-92-8	<b>1B</b>	1995
Aflatoxins	116-65-8; 7220-81-7; 1165-39-5; 7241-98-7	<b>1A</b>	1995
2 - Amino-5-(5-nitro-2-furyl)-1,3,4-thiadiazole	712-68-5	<b>2</b>	1995
Antimony and antimony compounds	-	<b>2</b>	2011
Aramite (2-(4-tert-butylphenoxy)-1-methylethyl 2-chloroethyl sulphite is a colourless liquid	140-57-8	<b>1B</b>	1995
Arsine	7784-42-1	<b>2</b>	2008
5-Azacytidine	320-67-2	<b>1B</b>	2007
Azaserine	115-02-6	<b>1B</b>	1995
Azathioprine	446-86-8	<b>1A</b>	1995
<b>B</b>			
Benzotrichloride	98-07-7	<b>1B</b>	1995
Benzoyl chloride	98-88-4	<b>2</b>	1995
Benzylviolet 4B	1694-09-3	<b>2</b>	1995
Beta-Estradiol	50-28-2	<b>1A</b>	2013
Bischloreethylnitrosoura	154-93-8	<b>1B</b>	1995
Bisphenol A diglycidyl ether	1675-54-3	<b>3</b>	2013

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Bleomycin (BLM)	11056-06-7	<b>1B</b>	1995
Bracken fern	-	<b>1B</b>	1995
Bromodichloromethane	75-27-4	<b>1B</b>	2007
Bromoethane	74-96-4	<b>2</b>	1998
Butylated hydroxyanisole (BHA)	25013-16-5	<b>3</b>	1995
n-Butyl glycidyl ether	6-8-2426	<b>2</b>	2008
Beta-Butyrolactone	3068-88-0	<b>1B</b>	1995
Gamma-Butyrolactone	96-48-0	<b>3</b>	1995
<b>C</b>			
1,2-Catechol (pyrocatechol)	120-80-9	<b>1B</b>	2011
Chlorambucil	305-03-3	<b>1A</b>	1995
Chloramphenicol	56-75-7	<b>2</b>	1995
Chlorendic acid.	115-28-6	<b>1B</b>	1995
Chlornaphazine	49-40-31	<b>1A</b>	1995
p-Chloroaniline	106-47-8	<b>1B</b>	1998
1-(2-Chloroethyl)-3-cyclohexyl-1-nirtosourea	13010-47-4	<b>1B</b>	1995
1-(2-Chloroethyl)-3-(4-methylcyclohexyl) -nitro-urea	13909-09-6	<b>1A</b>	1995
p-Chloronitrobenzene	100-00-5	<b>3</b>	2002
4-Chloro-o-phenylenediamine	95-83-0	<b>1B</b>	1995
4-Chloro-o-toluidine	95-69-2 3165-93-3	<b>1B</b>	1998
Chlorozotocin	54749-90-5	<b>1B</b>	2007
Chromium trioxide	1333-82-0	<b>2</b>	1995

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Cisplatin	15663-21-1	<b>1B</b>	1995
Citrus red No.2	6358-53-8	<b>1B</b>	1995
p-Cresidine	120-71-8	<b>1B</b>	1995
Cycasin	14901-08-7	<b>1B</b>	1995
Cyclophosphamide	6055-19-2	<b>1A</b>	1995
Cyclosporin	79217-60-0 (cyclosporine A: 59865-13-3)	<b>1A</b>	2007
<i>D</i>			
Dacarbazine	4-3-4342	<b>1B</b>	1995
Daunomycin	20830-81-3	<b>1B</b>	1995
N,N'- Diacetylbenzidine	613-35-4	<b>1B</b>	1995
2,4-Diaminoanisole sulphate	39156-41-7	<b>1B</b>	1995
4,4'-Diaminodiphenyl ether	101-80-4	<b>1B</b>	1995
2,4-Diaminotoluene	95-80-7	<b>1B</b>	1995
Dibenz(a,e)acridine (dibenzo(a,h)acridine)	226-36-8	<b>1B</b>	1995
Dibenz(a,i)Acridine	224-42-0	<b>2</b>	1995
7H-Dibenzo(c,g) carbazole	194-59-2	<b>1B</b>	1995
Dibenz(a,e)Pyrene	192-65-4	<b>2</b>	1995
Dibenz(a, h)Pyrene	189-64-0	<b>1B</b>	1995
Dibenz(a, i)Pyrene	189-55-9	<b>1B</b>	1995
Dibenz(a, l)Pyrene	191-30-0	<b>2</b>	1995
(Di)benzoyl peroxide	94-36-0	<b>3</b>	2012
Dichloroacetylene	7572-29-4	<b>2</b>	2002
3,3'-Dichloro-4,4'-diaminodiphenyl ether	28434-86-8	<b>2</b>	1995

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1,4-Dichloro-2-nitrobenzene	89-61-2	<b>1B</b>	2018
2,4-Dichloro-1-nitrobenzene	611-06-3	<b>1B</b>	2018
1,2-Diethylhydrazine	1615-80-1	<b>2</b>	1995
Diethylstilboestrol	56-53-1	<b>1A</b>	1995
Diglycidyl resorcinol ether	101-90-6	<b>1B</b>	1995
Dihydrosafrole	94-58-6	<b>2</b>	1995
Dimethylamine	124-40-3	<b>3</b>	2013
p-Dimethylaminoazobenzene	60-11-7	<b>1B</b>	1995
N,N-Dimethylaniline	121-69-7	<b>2</b>	2002
N,N-Dimethylformamide	68-12-2	<b>2</b>	2011
Dinitrobenzene isomers	25154-54-5; 528-29-0; 99-65-0; 100-25-4	<b>3</b>	2011
1,6-Dinitropyrene	42397-64-8	<b>1B</b>	1995
1,8-Dinitropyrene	42397-65-9	<b>1B</b>	1995
1,4-Dioxane	123-91-1	<b>2</b>	2015
Direct Black 38	1937-37-7	<b>1B</b>	1995
Direct Blue 6	2602-46-2	<b>1B</b>	1995
Disperse Blue 1	2475-45-8	<b>1B</b>	1995
<i>E</i>			
1,2-Epoxybutane	106-88-7	<b>2</b>	1998
Erionite	66733-21-9	<b>1A</b>	1995
Estradiol 17 beta	50-28-2	<b>2</b>	1995
Estrone	53-16-7	<b>2</b>	1995

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Ethanol	64-17-5	<b>1A</b>	2006
Ethinylestradiol	57-63-6	<b>2</b>	1995
Ethyl acrylate	140-88-5	<b>3</b>	1995
Ethyl acrylate	140-88-5	<b>3</b>	2012
Ethylene	74-85-1	<b>3</b>	2013
Ethylmethanesulphonate	62-50-0	<b>1B</b>	1995
<i>F</i>			
Formamide	75-12-7	<b>2</b>	2011
2-(2-Formylhydrazino)-4-(5-nitro-2-furyl)thiazole	3570-75-0	<b>1B</b>	1995
<b>G</b>			
Glycidaldehyde	765-34-5	<b>2</b>	1995
Griseofulvin	126-07-8	<b>2</b>	1995
<i>H</i>			
Hydrogen peroxide	7722-84-1	<b>3</b>	2002
Hydrazinoethanol	109-84-2	<b>2</b>	1997
<i>I</i>			
Ideno[1,2,3-cd]pyrene	193-39-5	<b>1B</b>	1995
Ifosfamide	3778-73-2	<b>1B</b>	2008
Iodoform	75-47-8	<b>2</b>	2007
Iron-dextran complex	9004-66-4	<b>3</b>	1995
Isoniazid	54-85-3	<b>2</b>	2013
Isosafrole	120-58-1	<b>2</b>	1995
<i>J</i>			
-			

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<i>K</i>			
Kaempferol	520-18-3	<b>2</b>	1995
<i>L</i>			
-			
<i>M</i>			
Maleic hydrazide	123-33-1	<b>2</b>	1997
Man-made mineral fibers	-	<b>3</b>	1995
Melphalan	148-82-3	<b>1A</b>	1995
Merphalan	531-76-0	<b>1B</b>	1995
Mestranol	72-33-3	<b>2</b>	1995
Metallic chromium	-	<b>3</b>	2011
4-Methoxyphenol	150-76-5	<b>3</b>	2011
5-Methoxypsoralene	484-20-8	<b>3</b>	1995
8-Methoxypsoralen plus ultraviolet radiation	-	<b>1A</b>	1995
Methylazoxy methanol	590-96-5	<b>1B</b>	1995
Methylazoxy methanol acetate	592-62-1	<b>1B</b>	1995
5-Methylchrysene	3697-24-3	<b>1B</b>	1995
N-methylformamide	123-39-7	<b>3</b>	2011
N-Methylhydrazine	60-34-4	<b>1B</b>	2002
Methylmethanesulphonate	66-27-3	<b>1B</b>	1995
2-Methyl-1-nitroanthraquinone	129-15-7	<b>1B</b>	1995
4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone	64091-91-4	<b>1B</b>	1995
3-Methylnitrosaminopropionitrile	60153-49-3	<b>2</b>	1995
Methylthiouracil	56-04-2	<b>1B</b>	1995

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Metronidazole	443-48-1	<b>1B</b>	1995
Mitomycine C	50-07-7	<b>1B</b>	1995
Monocrotaline	315-22-0	<b>2</b>	1995
5-(Morpholinomethyl)-3[(5-nitrofur-furylidene)-amino]-2-oxazolidinone	139-91-3; 3795-88-8; 13146-28-6	<b>2</b>	1995
Mustard gas	505-60-2	<b>1A</b>	1995
Myleran	55-98-1	<b>1A</b>	1995
<i>N</i>			
Nafenopin	3771-19-5	<b>3</b>	1995
Naphthalene	91-20-3	<b>3</b>	2012
Niridazole	61-57-4	<b>1B</b>	1995
Nitrilotriacetic acid and its salts	139-13-9; 10042-84-9; 18994-66-6; 15467-20-6; 23255-03-0; 5064-31-3; 18662-53-8	<b>3</b>	1995
p-Nitroaniline	100-01-6	<b>2</b>	2008
2-Nitroanisole	91-23-6	<b>1B</b>	2008
N-nitrosodi-n-butylamine	924-16-3	<b>1B</b>	1995
6-Nitrochrysene	8-2-7496	<b>1B</b>	1995
N-Nitroso ethyl urea	759-73-9	<b>1B</b>	1995
2-Nitrofluorene	607-57-8	<b>1B</b>	1995
1-[5-Nitrofurfurylidine)-amino]-2-imidazolidinone	555-84-0	<b>2</b>	1995
Nitrogen mustard (hydrochloride)	51-75-2	<b>1B</b>	1995
Nitrogen-Mustard-N-Oxide (hydrochloride)	126-85-2	<b>1B</b>	1995
N-Nitroso methyl urea	684-93-5	<b>1B</b>	1995
N-Nitropyrrolidine	930-55-2	<b>1B</b>	1995

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1-Nitropyrene	5522-43-0	<b>2</b>	1995
4-Nitropyrene	57835-92-4	<b>1B</b>	1995
N-Nitrosarcosine	13256-22-9	<b>1B</b>	1995
N-Nitrosodiethylamine	55-18-5	<b>1B</b>	1995
N-Nitrosodiisopropylamine	601-77-4	<b>1B</b>	1995
N-Nitrosodiphenylamine	83-30-6	<b>2</b>	1995
N-Nitrosomethylethylamine	10595-95-6	<b>1B</b>	1995
N-Nitrosomethylvinylamine	4549-40-0	<b>1B</b>	1995
N-Nitroso-N-methylurethane	615-53-2	<b>1B</b>	1995
N-Nitrosomorphiline	59-89-2	<b>1B</b>	1995
N-Nitrosornicotine	80508-23-2	<b>1B</b>	1995
N-Nitrosopiperidine	100-75-4	<b>1B</b>	1995
2-Nitrotoluene	88-72-2	<b>2</b>	1998
Norethysterone	68-22-4	<b>2</b>	1995
<i>O</i>			
Oil Orange SS	2646-17-5	<b>2</b>	1995
<i>P</i>			
Perfluorooctanoic acid and its salts	335-67-1	<b>3</b>	2013
Phenacetin, analgesic mixtures containing	-	<b>1B</b>	1995
Phenacetin	62-44-2	<b>2</b>	1995
Phenacetin	62-44-2	<b>1A</b>	2012
Phenazopyridine (-hydrochloride)	94-78-0 (136-40-3)	<b>1B</b>	1995
Phenobarbital	50-06-6	<b>2</b>	1995
Phenoxybenzamine (-hydrochloride)	59-96-1 (63-92-3)	<b>2</b>	1995

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o-Phenylenediamine	95-54-5	<b>2</b>	1998
Phenyl glycidyl ether	122-60-1	<b>2</b>	2002
Phenylhydrazine	100-63-00	<b>1B</b>	1997
Phenytoin	57-41-0/630-93-3	<b>3</b>	1995
Polybrominated biphenyls	59536-65-1; 67774-32-7; 59080-40-9; 61288-18-9; 13654-09-6	<b>2</b>	1995
Polychlorinated biphenyls	-	<b>2</b>	1995
Polyvinyl chloride	9002-86-2	<b>3</b>	2013
Ponceau 3R	8-9-3564	<b>2</b>	1995
Ponceau MX	3761-53-3	<b>2</b>	1995
Potassium cyanide	151-50-8	<b>3</b>	2012
Procarbazine hydrochloride	366-70-1	<b>1B</b>	1995
Progesterone	57-83-0	<b>2</b>	1995
Propylthiouracil (PTU)	51-52-5	<b>1B</b>	1995
Ptaquiloside	87625-62-5	<b>1B</b>	1995
Punfuran-S (Dihydroxymethylfuratrizine)	794-93-4;	<b>1B</b>	1995
<b>Q</b>			
Quarz		<b>1A</b>	1998
Quercetin	117-39-5	<b>3</b>	1995
<b>R</b>			
Resorcinol diglycidyl ether	101-90-6	<b>1B</b>	2016
Refractory ceramic fibres	-	<b>1B</b>	2011
Rhodium and compounds	7440-16-6	<b>2</b>	2002
Ronidazole	7681-76-7	<b>3</b>	1998

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<i>S</i>			
Safrole	94-59-7	<b>1B</b>	1995
Shikimic acid	138-59-0	<b>3</b>	1995
Silica	7631-86-9	<b>1B</b>	1995
Silicon carbide	409-21-2	<b>1A</b>	2012
Sodium o-phenylphenate	132-27-4	<b>3</b>	1995
Sterigmatocystin	10048-13-2	<b>1B</b>	1995
Stibine	7803-52-3	<b>3</b>	2008
Streptozotocin	18883-66-4	<b>1B</b>	1995
Strong inorganic acid mists containing sulphuric acid	7664-93-9	<b>1A</b>	2003
Styrene	100-42-5	<b>2</b>	1998
<i>T</i>			
Talc	14807-96-6	<b>3</b>	2012
Testosterone	58-22-0	<b>2</b>	1995
Tetrachlorodibenzo-p-dioxin (TCDD)	1746-01-6	<b>1B</b>	1995
Tetrahydrofuran	109-99-9	<b>3</b>	2012
Tetranitromethane	208-094-7	<b>1B</b>	2002
Thiocetamine	62-5-55	<b>1B</b>	1995
4,4'-Thiodianiline	139-65-1	<b>1B</b>	1995
Thiourea	62-56-6	<b>2</b>	1995
o-Toluidine	95-53-4	<b>1B</b>	1995
Treosulphan	299-75-2	<b>1A</b>	1995
Trichloroacetic acid	76-03-9	<b>3</b>	2012
Trichlormethine hydrochloride	817-09-4	<b>1B</b>	2008

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1,1,1-Trichloroethane	71-55-6	<b>3</b>	2012
1,2,3-Trichloropropane	96-18-4	<b>1B</b>	1998
2,4,5-Trimethylaniline	137-17-7	<b>1B</b>	2008
Tris(1-aziridinyl)phosphinesulfide (Thiotepa)	52-24-4	<b>1B</b>	1995
Tris (2,3-Dibromopropyl) Phosphate	126-72-7	<b>1B</b>	1995
Tryptan blue (commercially available)	72-57-1	<b>2</b>	1995
Tryptan blue (purified)	72-57-1	<b>3</b>	1995
Tungsten and tungsten compounds	-	<b>3</b>	2013
<i>U</i>			
Uracil mustard consists of white odourless crystals	66-75-1	<b>1B</b>	1995
<i>V</i>			
Vinblastine sulphate	143-67-9	<b>2</b>	2007
Vincristine sulphate	2068-78-2	<b>2</b>	2007
Vinyl bromide	593-60-2	<b>1B</b>	1995
4-Vinylcyclohexene	100-40-3	<b>1B</b>	2008
4-Vinylcyclohexene diepoxide	106-87-6	<b>1B</b>	2016
N-vinyl-2-pyrrolidone	88-12-0	<b>2</b>	2007
<i>W</i>			
Welding fume / particles	-	<b>2</b>	1995
Whole diesel exhaust	-	<b>1B</b>	1995
Wood dust (hard)	-	<b>1A</b>	1998
Wood dust (hard)	-	<b>1A</b>	2000
Wood dust (soft)	-	<b>2</b>	1998
Wood dust (soft)	-	<b>2</b>	2000

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<i>X</i>			
Xylidine (isomers); 2,3-Xylidine, 2,4-Xylidine, 2,5-Xylidine, 2,6-Xylidine, 3,4-Xylidine, 3,5-Xylidine	1300-73-8 (mixed isomers)	<b>1B</b>	2002
2,6-Xylidine	87-62-7	<b>2</b>	2015
<i>Y</i>			
-			
<i>Z</i>			
Zink Beryllium Silicate	39413-47-3	<b>1B</b>	1995
<i>Processes</i>			
Manufacture of auramine	-	<b>1A</b>	1995

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