

List of Carcinogens

NAME	CAS	Cal/OSHA Carcinogens	NTP Carcinogens	NTP Anticipated Carcinogens	IARC Group 1	IARC Group 2A	IARC Group 2B
1-(2-(2,4-Dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl)-methyl-1H-1,2,4,-triazole	60207-90-1	☒	☐	☐	☐	☐	☐
1,1-Dimethyl hydrazine	57-14-7	☐	☐	☒	☐	☐	☒
1,2,3-Trichloropropane	96-18-4	☐	☐	☒	☐	☒	☐
1,2-Dibromo-3-chloropropane	96-12-8	☒	☐	☐	☐	☐	☐
1,2-Dibromoethane	106-93-4	☐	☐	☒	☐	☐	☐
1,2-Dichloroethane	107-06-2	☐	☐	☒	☐	☐	☒
1,3-Butadiene	106-99-0	☒	☒	☐	☐	☒	☐
1,3-Dichloropropene	542-75-6	☐	☐	☒	☐	☐	☒
1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrahydro-4,7-methano-1H-indene	76-44-8	☐	☐	☐	☐	☐	☒
1,4-Dichlorobenzene	106-46-7	☐	☐	☒	☐	☐	☒
1,4-Dioxane	123-91-1	☐	☐	☒	☐	☐	☒
1-Amino-2-methylantraquinone	82-28-0	☐	☐	☒	☐	☐	☐
1-Nitropyrene	5522-43-0	☐	☐	☒	☐	☐	☒
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	1746-01-6	☐	☐	☒	☒	☐	☐
2,4,6-Trichlorophenol	88-06-2	☐	☐	☒	☐	☐	☐

<i>NAME</i>	<i>CAS</i>	<i>Cal/OSHA Carcinogens</i>	<i>NTP Carcinogens</i>	<i>NTP Anticipated Carcinogens</i>	<i>IARC Group 1</i>	<i>IARC Group 2A</i>	<i>IARC Group 2B</i>
2,4-Diaminoanisole	615-05-4	☐	☐	☐	☐	☐	☒
2,4-Diaminoanisole sulfate	39156-41-7	☐	☐	☒	☐	☐	☐
2,4-Diaminotoluene	95-80-7	☐	☐	☒	☐	☐	☒
2,4-Dinitrotoluene	121-14-2	☐	☐	☐	☐	☐	☒
2,6-Xylidine	87-62-7	☐	☐	☐	☐	☐	☒
2-Acetylaminofluorene	53-96-3	☒	☐	☒	☐	☐	☐
2-Aminoanthraquinone	117-79-3	☐	☐	☒	☐	☐	☐
2-Nitropropane	79-46-9	☐	☐	☒	☐	☐	☒
3,3'-Dichlorobenzidine	91-94-1	☒	☐	☒	☐	☐	☐
3,3'-Dichlorobenzidine dihydrochloride	612-83-9	☒	☐	☒	☐	☐	☐
3,3'-Dimethoxybenzidine	119-90-4	☐	☐	☒	☐	☐	☒
3,3'-Dimethoxybenzidine dihydrochloride	20325-40-0	☐	☐	☒	☐	☐	☐
3,3'-Dimethylbenzidine	119-93-7	☐	☐	☒	☐	☐	☒
3,4-Dinitrotoluene	610-39-9	☐	☐	☐	☐	☐	☒
4,4'-Diaminodiphenyl ether	101-80-4	☐	☐	☒	☐	☐	☒
4,4'-Methylenebis(2-chloroaniline)	101-14-4	☒	☐	☒	☐	☒	☐
4,4'-Methylenebis(N,N- dimethyl)benzenamine	101-61-1	☐	☐	☒	☐	☐	☐
4,4'-Methylenedianiline	101-77-9	☒	☐	☒	☐	☐	☐

<i>NAME</i>	<i>CAS</i>	<i>Cal/OSHA Carcinogens</i>	<i>NTP Carcinogens</i>	<i>NTP Anticipated Carcinogens</i>	<i>IARC Group 1</i>	<i>IARC Group 2A</i>	<i>IARC Group 2B</i>
4-Aminoazobenzene	60-09-3	☐	☐	☐	☐	☐	☒
4-Aminobiphenyl	92-67-1	☒	☐	☐	☐	☐	☐
4-Chloro-o-toluidine, hydrochloride	3165-93-3	☐	☐	☒	☐	☐	☐
4-Dimethylaminoazobenzene	60-11-7	☒	☐	☒	☐	☐	☒
4-Nitrobiphenyl	92-93-3	☒	☐	☐	☐	☐	☐
5-Methylchrysene	3697-24-3	☐	☐	☒	☐	☐	☒
7H-Dibenzo(c,g)carbazole	194-59-2	☐	☐	☒	☐	☐	☒
Acetaldehyde	75-07-0	☐	☐	☒	☐	☐	☒
Acetamide	60-35-5	☐	☐	☐	☐	☐	☒
Acrylamide	79-06-1	☐	☐	☒	☐	☒	☐
Acrylonitrile	107-13-1	☒	☐	☒	☐	☒	☒
alpha-Naphthylamine	134-32-7	☒	☐	☐	☐	☐	☐
Amitrole	61-82-5	☐	☐	☒	☐	☐	☒
Antimony trioxide	1309-64-4	☐	☐	☐	☐	☐	☒
Arsenic Compounds		☐	☒	☐	☒	☐	☐
Asbestos (friable)	1332-21-4	☒	☒	☐	☒	☐	☐
Auramine	492-80-8	☐	☐	☐	☐	☐	☒
Azaserine	115-02-6	☐	☐	☐	☐	☐	☒
Aziridine	151-56-4	☒	☐	☐	☐	☐	☒

<i>NAME</i>	<i>CAS</i>	<i>Cal/OSHA Carcinogens</i>	<i>NTP Carcinogens</i>	<i>NTP Anticipated Carcinogens</i>	<i>IARC Group 1</i>	<i>IARC Group 2A</i>	<i>IARC Group 2B</i>
Aziridine, 2-methyl	75-55-8	☐	☐	☐	☐	☐	☒
Benz[a]anthracene	56-55-3	☐	☐	☒	☐	☒	☐
Benzene	71-43-2	☒	☒	☐	☒	☐	☐
Benzeneamine, N-hydroxy-N-nitroso, ammonium salt	135-20-6	☐	☐	☒	☐	☐	☐
Benzidine	92-87-5	☒	☒	☐	☒	☐	☐
Benzo(j)fluoranthene	205-82-3	☐	☐	☒	☐	☐	☒
Benzo(k)fluoranthene	207-08-9	☐	☐	☒	☐	☐	☒
Benzo[b]fluoranthene	205-99-2	☐	☐	☒	☐	☐	☒
beta-Naphthylamine	91-59-8	☒	☒	☐	☒	☐	☐
beta-Propiolactone	57-57-8	☒	☐	☒	☐	☐	☒
Bis(2-ethylhexyl)phthalate	117-81-7	☐	☐	☒	☐	☐	☒
Bis(chloromethyl) ether	542-88-1	☒	☒	☐	☒	☐	☐
C.I. Acid Red 114	6459-94-5	☐	☐	☐	☐	☐	☒
C.I. Direct Black 38	1937-37-7	☐	☒	☐	☐	☐	☐
C.I. Direct Blue 6	2602-46-2	☐	☒	☐	☐	☐	☐
C.I. Food Red 5	3761-53-3	☐	☐	☐	☐	☐	☒
Cadmium	7440-43-9	☒	☒	☐	☒	☐	☐
Carbamic acid, ethyl ester	51-79-6	☐	☐	☒	☐	☐	☒
Carbon tetrachloride	56-23-5	☐	☐	☒	☐	☐	☒

<i>NAME</i>	<i>CAS</i>	<i>Cal/OSHA Carcinogens</i>	<i>NTP Carcinogens</i>	<i>NTP Anticipated Carcinogens</i>	<i>IARC Group 1</i>	<i>IARC Group 2A</i>	<i>IARC Group 2B</i>
Catechol	120-80-9	☐	☐	☐	☐	☐	☒
Chlorambucil	305-03-3	☐	☒	☐	☒	☐	☐
Chlordane	57-74-9	☐	☐	☐	☐	☐	☒
Chlorendic acid	115-28-6	☐	☐	☒	☐	☐	☒
Chlornaphazine	494-03-1	☐	☐	☐	☒	☐	☐
Chloroform	67-66-3	☐	☐	☒	☐	☐	☒
Chloromethyl ether	542-88-1	☒	☒	☐	☒	☐	☐
Chloromethyl methyl ether	107-30-2	☒	☒	☐	☒	☐	☐
Chlorophenols		☐	☐	☐	☐	☐	☒
Chloroprene	126-99-8	☐	☐	☒	☐	☐	☐
Chlorothalonil	1897-45-6	☐	☐	☐	☐	☐	☒
Cobalt	7440-48-4	☐	☐	☐	☐	☐	☒
Creosote	8001-58-9	☐	☒	☐	☐	☒	☐
Cupferron	135-20-6	☐	☐	☒	☐	☐	☐
Cyclophosphamide	50-18-0	☐	☒	☐	☒	☐	☐
DBCP	96-12-8	☒	☐	☐	☐	☐	☐
DEHP	117-81-7	☐	☐	☒	☐	☐	☒
Di(2-ethylhexyl) phthalate	117-81-7	☐	☐	☒	☐	☐	☒
Dibenz(a,h)acridine	226-36-8	☐	☐	☒	☐	☐	☒

<i>NAME</i>	<i>CAS</i>	<i>Cal/OSHA Carcinogens</i>	<i>NTP Carcinogens</i>	<i>NTP Anticipated Carcinogens</i>	<i>IARC Group 1</i>	<i>IARC Group 2A</i>	<i>IARC Group 2B</i>
Dibenz(a,j)acridine	224-42-0	☐	☐	☒	☐	☐	☒
Dibenz[a,h]anthracene	53-70-3	☐	☐	☒	☐	☒	☐
Dibenz[a,i]pyrene	189-55-9	☐	☐	☒	☐	☐	☒
Dibenzo(a,e)pyrene	192-65-4	☐	☐	☒	☐	☐	☒
Dibenzo(a,h)pyrene	189-64-0	☐	☐	☒	☐	☐	☒
Dibenzo(a,l)pyrene	191-30-0	☐	☐	☒	☐	☐	☒
Dichlorobromomethane	75-27-4	☐	☐	☒	☐	☐	☒
Dichloromethane	75-09-2	☒	☐	☐	☐	☐	☐
Dichloromethyl ether	542-88-1	☒	☒	☐	☒	☐	☐
Dichlorvos	62-73-7	☐	☐	☐	☐	☐	☒
Diepoxybutane	1464-53-5	☐	☐	☒	☐	☐	☒
Diethyl sulfate	64-67-5	☐	☐	☒	☐	☒	☐
Diethylstilbestrol	56-53-1	☐	☒	☐	☐	☐	☐
Diglycidyl resorcinol ether	101-90-6	☐	☐	☒	☐	☐	☒
Dihydrosafrole	94-58-6	☐	☐	☐	☐	☐	☒
Dimethyl sulfate	77-78-1	☐	☐	☒	☐	☒	☐
Dimethylaminoazobenzene	60-11-7	☒	☐	☒	☐	☐	☒
Dimethylcarbamyl chloride	79-44-7	☐	☐	☒	☐	☒	☐
Dimethylformamide	68-12-2	☐	☐	☐	☐	☐	☒

<i>NAME</i>	<i>CAS</i>	<i>Cal/OSHA Carcinogens</i>	<i>NTP Carcinogens</i>	<i>NTP Anticipated Carcinogens</i>	<i>IARC Group 1</i>	<i>IARC Group 2A</i>	<i>IARC Group 2B</i>
Dimethylhydrazine	57-14-7	☐	☐	☒	☐	☐	☒
Di-n-propylnitrosamine	621-64-7	☐	☐	☒	☐	☐	☒
Epichlorohydrin	106-89-8	☐	☐	☒	☐	☒	☐
Ethene, chloro-	75-01-4	☒	☐	☐	☐	☐	☐
Ethyl acrylate	140-88-5	☐	☐	☒	☐	☐	☒
Ethyl methanesulfonate	62-50-0	☐	☐	☒	☐	☐	☒
Ethylbenzene	100-41-4	☐	☐	☐	☐	☐	☒
Ethylene dibromide	106-93-4	☒	☐	☒	☐	☒	☐
Ethylene oxide	75-21-8	☒	☒	☐	☒	☐	☐
Ethylene thiourea	96-45-7	☐	☐	☒	☐	☐	☒
Ethyleneimine	151-56-4	☒	☐	☐	☐	☐	☐
Formaldehyde	50-00-0	☒	☐	☒	☐	☐	☐
Furan	110-00-9	☐	☐	☒	☐	☐	☒
Glycidylaldehyde	765-34-4	☐	☐	☐	☐	☐	☒
Guanidine, N-methyl-N'-nitro-N-nitroso-	70-25-7	☐	☐	☒	☐	☐	☐
Heptachlor	76-44-8	☐	☐	☐	☐	☐	☒
Hexachlorobenzene	118-74-1	☐	☐	☒	☐	☐	☒
Hexachlorocyclohexane (all isomers)	608-73-1	☐	☐	☒	☐	☐	☒

<i>NAME</i>	<i>CAS</i>	<i>Cal/OSHA Carcinogens</i>	<i>NTP Carcinogens</i>	<i>NTP Anticipated Carcinogens</i>	<i>IARC Group 1</i>	<i>IARC Group 2A</i>	<i>IARC Group 2B</i>
Hexachloroethane	67-72-1	☐	☐	☒	☐	☐	☒
Hexamethylphosphoramide	680-31-9	☐	☐	☒	☐	☐	☒
Hydrazine	302-01-2	☐	☐	☒	☐	☐	☒
Hydrazine sulfate	10034-93-2	☐	☐	☒	☐	☐	☐
Hydrazine, 1,2-dimethyl-	540-73-8	☐	☐	☐	☐	☒	☐
Hydrazobenzene	122-66-7	☐	☐	☒	☐	☐	☐
Indeno(1,2,3-cd)pyrene	193-39-5	☐	☐	☒	☐	☐	☒
Isoprene	78-79-5	☐	☐	☒	☐	☐	☒
Lasiocarpine	303-34-4	☐	☐	☐	☐	☐	☒
Lead	7439-92-1	☐	☐	☐	☐	☐	☒
Lead arsenate	7645-25-2	☐	☐	☒	☐	☐	☐
Lead Compounds		☐	☐	☐	☐	☐	☒
Lead fluoborate	13814-96-5	☐	☐	☐	☐	☐	☒
Lead fluoride	7783-46-2	☐	☐	☐	☐	☐	☒
Lead iodide	10101-63-0	☐	☐	☐	☐	☐	☒
Lead nitrate	10099-74-8	☐	☐	☐	☐	☐	☒
Lead phosphate	7446-27-7	☐	☐	☒	☐	☐	☐
Lead stearate	52652-59-2	☐	☐	☐	☐	☐	☒
Lead stearate	7428-48-0	☐	☐	☐	☐	☐	☒

<i>NAME</i>	<i>CAS</i>	<i>Cal/OSHA Carcinogens</i>	<i>NTP Carcinogens</i>	<i>NTP Anticipated Carcinogens</i>	<i>IARC Group 1</i>	<i>IARC Group 2A</i>	<i>IARC Group 2B</i>
Lead stearate	1072-35-1	☐	☐	☐	☐	☐	☒
Lead stearate	56189-09-4	☐	☐	☐	☐	☐	☒
Lead subacetate	1335-32-6	☐	☐	☐	☐	☐	☒
Lead sulfate	7446-14-2	☐	☐	☐	☐	☐	☒
Lead sulfate	15739-80-7	☐	☐	☐	☐	☐	☒
Lead sulfide	1314-87-0	☐	☐	☐	☐	☐	☒
Lead thiocyanate	592-87-0	☐	☐	☐	☐	☐	☒
Lindane	58-89-9	☐	☐	☒	☐	☐	☐
MBOCA	101-14-4	☒	☐	☐	☐	☐	☐
Melphalan	148-82-3	☐	☒	☐	☒	☐	☐
Methanamine, N-methyl-N-nitroso-	62-75-9	☒	☐	☐	☐	☐	☐
Methane, chloromethoxy-	107-30-2	☒	☐	☐	☐	☐	☐
Methane, oxybis[chloro-	542-88-1	☒	☒	☐	☒	☐	☐
Methylene chloride	75-09-2	☒	☐	☒	☐	☐	☒
Methylthiouracil	56-04-2	☐	☐	☐	☐	☐	☒
Michler's ketone	90-94-8	☐	☐	☒	☐	☐	☐
Mitomycin C	50-07-7	☐	☐	☐	☐	☐	☒
Mustard gas	505-60-2	☐	☒	☐	☒	☐	☐
N,N-Dimethylformamide	68-12-2	☐	☐	☐	☐	☐	☒

<i>NAME</i>	<i>CAS</i>	<i>Cal/OSHA Carcinogens</i>	<i>NTP Carcinogens</i>	<i>NTP Anticipated Carcinogens</i>	<i>IARC Group 1</i>	<i>IARC Group 2A</i>	<i>IARC Group 2B</i>
Nickel	7440-02-0	☐	☐	☒	☐	☐	☒
Nickel Compounds		☐	☐	☒	☒	☐	☐
Nitrilotriacetic acid	139-13-9	☐	☐	☒	☐	☐	☒
Nitrobenzene	98-95-3	☐	☐	☐	☐	☐	☒
Nitrofen	1836-75-5	☐	☐	☒	☐	☐	☒
Nitrogen mustard	51-75-2	☐	☐	☐	☐	☒	☐
Nitrosodimethylamine	62-75-9	☒	☐	☐	☐	☐	☐
N-Nitrosodiethanolamine	1116-54-7	☐	☐	☒	☐	☐	☒
N-Nitrosodiethylamine	55-18-5	☐	☐	☒	☐	☒	☐
N-Nitrosodimethylamine	62-75-9	☒	☐	☒	☐	☒	☐
N-Nitrosodi-n-butylamine	924-16-3	☐	☐	☒	☐	☐	☒
N-Nitrosodi-n-propylamine	621-64-7	☐	☐	☒	☐	☐	☒
N-Nitrosomethylvinylamine	4549-40-0	☐	☐	☒	☐	☐	☒
N-Nitrosomorpholine	59-89-2	☐	☐	☒	☐	☐	☒
N-Nitroso-N-ethylurea	759-73-9	☐	☐	☒	☐	☒	☐
N-Nitroso-N-methylurea	684-93-5	☐	☐	☐	☐	☒	☐
N-Nitroso-N-methylurethane	615-53-2	☐	☐	☐	☐	☐	☒
N-Nitrosonornicotine	16543-55-8	☐	☐	☒	☐	☐	☒
N-Nitrosopiperidine	100-75-4	☐	☐	☒	☐	☐	☒

<i>NAME</i>	<i>CAS</i>	<i>Cal/OSHA Carcinogens</i>	<i>NTP Carcinogens</i>	<i>NTP Anticipated Carcinogens</i>	<i>IARC Group 1</i>	<i>IARC Group 2A</i>	<i>IARC Group 2B</i>
o-Anisidine	90-04-0	☐	☐	☐	☐	☐	☒
o-Anisidine hydrochloride	134-29-2	☐	☐	☒	☐	☐	☐
o-Toluidine	95-53-4	☐	☐	☒	☐	☒	☐
o-Toluidine hydrochloride	636-21-5	☐	☐	☒	☐	☐	☐
p-Chloroaniline	106-47-8	☐	☐	☐	☐	☐	☒
p-Chloro-o-toluidine	95-69-2	☐	☐	☒	☐	☒	☐
p-Cresidine	120-71-8	☐	☐	☒	☐	☐	☒
Pentachlorophenol	87-86-5	☐	☐	☐	☐	☐	☒
Phenacetin	62-44-2	☐	☐	☒	☐	☒	☐
Phenytoin	57-41-0	☐	☐	☒	☐	☐	☒
Polybrominated Biphenyls (PBBs)		☐	☐	☒	☐	☐	☒
Polychlorinated biphenyls	1336-36-3	☐	☐	☒	☐	☒	☐
Polycyclic aromatic compounds (includes only 19 chemicals)		☐	☐	☒	☐	☐	☐
Potassium bromate	7758-01-2	☐	☐	☐	☐	☒	☐
Propane sultone	1120-71-4	☐	☐	☒	☐	☐	☒
Propylene oxide	75-56-9	☐	☐	☒	☐	☐	☒
Propyleneimine	75-55-8	☐	☐	☐	☐	☐	☒
Reserpine	50-55-5	☐	☐	☒	☐	☐	☐
Saccharin and salts	81-07-2	☐	☐	☐	☐	☐	☒

<i>NAME</i>	<i>CAS</i>	<i>Cal/OSHA Carcinogens</i>	<i>NTP Carcinogens</i>	<i>NTP Anticipated Carcinogens</i>	<i>IARC Group 1</i>	<i>IARC Group 2A</i>	<i>IARC Group 2B</i>
Safrole	94-59-7	☐	☐	☒	☐	☐	☒
Selenium sulfide	7488-56-4	☐	☐	☒	☐	☐	☐
Sodium o-phenylphenoxide	132-27-4	☐	☐	☐	☐	☐	☒
Streptozotocin	18883-66-4	☐	☐	☒	☐	☐	☒
Styrene	100-42-5	☐	☐	☐	☐	☐	☒
Styrene oxide	96-09-3	☐	☐	☐	☐	☒	☐
Tetrachloroethylene	127-18-4	☐	☐	☒	☐	☒	☐
Tetrafluoroethylene	116-14-3	☐	☐	☒	☐	☐	☐
Thiourea	62-56-6	☐	☐	☒	☐	☐	☒
Thorium dioxide	1314-20-1	☐	☒	☐	☐	☐	☐
Toluene diisocyanate (unspecified isomer)	26471-62-5	☐	☐	☒	☐	☐	☒
Toluenediisocyanate (mixed isomers)	26471-62-5	☐	☐	☒	☐	☐	☒
Toxaphene	8001-35-2	☐	☐	☒	☐	☐	☒
Trichloroethylene	79-01-6	☐	☐	☒	☐	☒	☐
Tris(2,3-dibromopropyl) phosphate	126-72-7	☐	☐	☒	☐	☒	☐
Trypan blue	72-57-1	☐	☐	☐	☐	☐	☒
Uracil mustard	66-75-1	☐	☐	☐	☐	☐	☒
Vinyl acetate	108-05-4	☐	☐	☐	☐	☐	☒

<i>NAME</i>	<i>CAS</i>	<i>Cal/OSHA Carcinogens</i>	<i>NTP Carcinogens</i>	<i>NTP Anticipated Carcinogens</i>	<i>IARC Group 1</i>	<i>IARC Group 2A</i>	<i>IARC Group 2B</i>
Vinyl bromide	593-60-2	☐	☐	☐	☐	☒	☐
Vinyl chloride	75-01-4	☒	☒	☐	☒	☐	☐
Vinyl fluoride	75-02-5	☐	☐	☐	☐	☒	☐