

# Environmental Health and Safety Chemical Safety

## Select Carcinogens

<u>CAS #</u>	<u>Chemical Name</u>	<u>CAS #</u>	<u>Chemical Name</u>
76180966	(2-Amino-3-Methylimidazo[4,5-F]Quinoline)		4,4'-Methylenedianiline and its dihydrochloride
57147	1,1-Dimethylhydrazine	139651	4,4'-Thiodiamiline
96128	1,2-Dibromo-3-Chloropropane	64091914	4-(N-Nitrosomethylamino) 1-(3-Pyridyl)-1-Butanone
106934	1,2-Dibromoethane	92671	4-Aminobiphenyl
107062	1,2-Dichloroethane	95830	4-Chloro-Ortho-Phenylenediamine
1615801	1,2-Diethylhydrazine	539173	4-Dimethylaminoazobenzene (note T3)
540738	1,2-Dimethylhydrazine	60117	4-Dimethylaminoazobenzene (note T6)
106990	1,3-Butadiene	92933	4-Nitrobiphenyl
542756	1,3-Dichloropropene (technical grade)	3031514	5-(Morpholinomethyl)-3-[(5-Nitrofurfurylidene)Amino]
1120714	1,3-Propane sulfone	484208	5-Methoxypsoralen
55981	1,4-Butanediol dimethylsulphonate	3697243	5-Methylchrysene
106467	1,4-Dichlorobenzene	99592	5-Nitro-O-Anisidine
123911	1,4-Dioxane	602879	5-Nitroacenaphthene
13909096	1-(2-Chloroethyl)-3-(4-Methylcyclohexyl)-1-Nitrosourea	194592	7H-Dibenzo [C,G] Carbazole
13010474	1-(2-Chloroethyl)-3-Cyclohexyl-1-Nitrosourea		8-Methoxypsoralen (Methoxsalen) plus UV radiation
82280	1-Amino-2-Methylantraquinone		A-Alpha-C(2-Amino-9H-Pyrido [2,3-B] Indole
555840	1-[5-Nitrofurfurylidene)Amino]-2-Imidazolidinone	75070	Acetaldehyde
1746016	2,3,7,8-Tetrachlorodibenzo-para-dioxin	60355	Acetamide
52573	2,4,4'-Trinitroisodiota	79061	Acrylamide
88062	2,4,6-Trichlorophenol	107131	Acrylonitrile
615054	2,4-Diaminoanisole	23214928	Adriamycin
39156417	2,4-Diaminoanisole sulfate	3688537	AF-2[2-(Furyl)-3-(5-Nitro-2-Furyl)Acrylamide]
95807	2,4-Diaminotoluene		Aflatoxins
3570750	2-(2-Formylhydrazine)-4-(5-Nitro-2-Furyl)Thizole gul P-	1402682	Alpha-Chlorinated Toluenes
53963	2-Acetylaminofluorene	134327	Alpha-Naphthylamine
59716879	2-Amino-5-(5-Nitro-2-Furfuryl)-1,3,4-Thiadiazole (note T5)	61825	Aluminum Productions
712685	2-Amino-5-(5-Nitro-2-Furyl)-1,3,4-Thiadiazole (note T6)		Amitrole
117793	2-Aminoanthraquinone		Analgesic mixtures containing Phenacetin
129157	2-Methyl-1-Nitroanthraquinone (uncertain purity)	7440382	Androgenic (anabolic) Steroid
75558	2-Methylaziridine	1332214	Armite
91598	2-Naphthylamine	492808	Arsenic
79469	2-Nitropropane	115026	Asbestos
28434868	3,3'-Dichloro-4,4'-Diaminodiphenyl ether	446866	Auramine
91941	3,3'-Dichlorobenzidine	154938	Azaserine
	3,3'-Dichlorobenzidine and 3,3'-Dichlorobenzidine dihydr	56553	Azathioprine
		71432	BCNU
119904	3,3'-Dimethoxybenzidine	92875	Benz [A] Anthracene
119937	3,3'-Dimethylbenzidine	50328	Benzene
60153493	3-(N-Nitrosomethylamino)Propionitrile	205992	Benzidine
563473	3-Chloro-2-Methylpropene		Benzo(A)Pyrene
101804	4,4'-Diaminodiphenyl ether	205823	Benzo(B)Fluoranthene
101144	4,4'-Methylene bis(2-Chloraniline)	207089	Benzo(F)Fluoranthene
838880	4,4'-Methylene bis(2-Methylaniline)	98077	Benzo(J)Fluoranthene
101611	4,4'-Methylene bis(N,N-Dimethyl)Benzenamine	1694093	Benzo(K)Fluoranthene
		7440417	Benzotrithloride
101779	4,4'-Methylenedianiline	3068880	Benzyl Violet 4B
			Beryllium
			Beta-Butyrolacetone

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57578	Beta-Propiolactone	2602462	Direct Blue 6
	Betel Quid with Tobacco	106898	Epichlorohydrin
25013165	BHA	12510428	Erionite
542881	Bis (Chloromethyl) Ether		Estrogens (not conjugated): Estradiol
8052424	Bitumens, extracts of stream refined and air refined	53167	17B
	Bleomycins		Estrogens (not conjugated): Estrone
	Boot and Shoe Manufacture and Repair		Estrogens (not conjugated): Ethinylestradiol
	Bracken Fern	72333	Estrogens (not conjugated): Mestranol
569619	C.I. Basic Red 9 Monohydrochloride	140885	Ethyl Acrylate
7440439	Cadmium	62500	Ethyl Methanesulphonate
	Cadmium Compounds	75218	Ethylene Oxide
	Carbon Black Extracts	96457	Ethylene Thiourea
56235	Carbon Tetrachloride	151564	Ethyleneimine
	Carpentry and Joinery	50000	Formaldehyde
	Carrageenan, Degraded		Furniture and Cabinet Making
305033	Chlorambucil		Glu-P-2 (2-Aminodipyrido [1,2-A:3',2'-D] Imidaze)
56757	Chloramphenicol		Glycidaldehyde
494031	Chloraphazine	765344	Griseofulvin
143500	Chlordecone	126078	Haematite Mining, underground, with exposure to radon
115286	Chlorendic Acid	1317608	Hexachlorobenzene
63449398	Chlorinated Paraffins (C12 60% Chlorine)	118741	Hexachlorocyclohexanes
329646	Chloroazodimethylisomeron	319846	Hexamethylphosphoramide
67663	Chloroform	680319	Hydrazine
107302	Chloromethyl Methyl Ether (note T5)	302012	Hydrazine and Hydrazine Sulfate
	Chlorophenols		Hydrazobenzene
	Chlorophenoxy Herbicides	122667	Indeno(1,2,3-CD)Pyrene
7440473	Chromium Compounds, Hexavalent	193395	Iron and Steel Founding
15663271	Cisplatin		Iron-Dextran Complex
6358538	Citrus Red No. 2	9004664	Isopropyl Alcohol manufacture, strong acid process
	Coal Gasification	67630	Lasiocarpine
8007452	Coal Tar		Lead Acetate
65996932	Coal Tar Pitches	303344	Lead and Lead Compounds, inorganic
	Coke Oven Emmissions	301042	Lead Phosphate
12126599	Conjugated Estrogens	7439921	Lindane and other
8001589	Creosotes	7446277	Hexachlorocyclohexane
135206	Cupferron	58899	Magenta
14901087	Cycasin		Mea-Alpha-C (2-Amino-3-Methyl-9H- Pyrido [2,3-B] Indole)
50180	Cyclophosphamide	632995	Medroxyprogesterone Acetate
4342034	Dacarbazine		Melphalan
20830813	Daunomycin		Merchalan
50293	DDT	71589	Methoxasalen with UV therapy
117817	DI (2-Ethylhexyl) Phthalate	148823	Methyl Methanesulphonate
191300	Dibenzo(A,L)Pyrene	531760	Methylazoxymethanol and its acetate
192654	Dibenzo[A,E]Pyrene	298817	Methylthiouracil
189640	Dibenzo[A,H]Pyrene	66273	Metronidazole
189559	Dibenzo[A,I]Pyrene (note T6)		Michler's Ketone
226368	Dibenz[A,H]Acridine	56042	Mineral Oils, mildly treated
53703	Dibenz[A,H]Anthracene	443481	Mineral Oils, untreated
224420	Dibenz[A,J]Acridine	90948	Mirex
75092	Dichloromethane		Monocrotaline
1464535	Diepoxybutane		Mopp and other combined therapy
64675	Diethyl Sulphate	2385855	Mustard Gas (sulfur mustard)
56531	Diethylstilboestrol	315220	Mytomycin C
101906	Diglycidyl Resorcinol Ether		N,N'-Diacetylbenzidine
94586	Dihydrosafrole	505602	N-Ethyl-N-Nitrosourea
77781	Dimethyl Sulphate	50077	N-Methyl-N'-Nitro-N-Nitrosoguanidine
79447	Dimethylcarbonyl Chloride	613354	
513371	Dimethylvinyl Chloride	759739	
1937377	Direct Black 38	70257	

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614959	N-Methyl-N-Nitrosourethane	366701	Procarbazine Hydrochloride
684935	N-Methyl-N-Nitrosourea	57830	Progestins
924163	N-Nitrosodi-N-Butylamine	75569	Propylene Oxide
621647	N-Nitrosodi-N-Propylamine	51525	Propylthiouracil
1116547	N-Nitrosodiethanolamine	50555	Reserpine
55185	N-Nitrosodiethylamine		Rubber Industry
62759	N-Nitrosodimethylamine	81072	Saccharin
13256138	N-Nitrosoethylvinylamine (note T4)	94597	Safrole
10595956	N-Nitrosomethylethylamine	7446346	Selenium Sulfide
4549400	N-Nitrosomethylvinylamine (note T6)	68308349	Shale-Oils
59892	N-Nitrosomorpholine	14464461	Silica, Crystalline
16543558	N-Nitrososarcosine	132274	Sodium Ortho-Phenylphenate
100754	N-Nitrosopiperidine		Soots
930552	N-Nitrosopyrrolidine		Soots, Tars and Mineral Oils
13256229	N-Nitrososarcosine	10048132	Sterigmatocystin
531828	N-[4-(5-Nitro-2-Furyl)-2-Thiazolyl]Acetamide	18883664	Streptozotocin
3771195	Nafepopin	100425	Styrene
7440020	Nickel	96093	Styrene Oxide
	Nickel Compounds	95067	Sulfallate
	Nickel Refining		Talc containing Asbestiform Fibers
61574	Niridazole	62555	Thioacetamide
139139	Nitrotri-acetic Acid	52244	Thiotepa
1836755	Nitrofen (technical grade)	62566	Thiourea
51752	Nitrogen Mustard	1314201	Thorium Dioxide
55867	Nitrogen Mustard Hydrochloride		Tobacco products, smokeless
126852	Nitrogen Mustard N-Oxide	584849	Tobacco Smoke
302705	Nitrogen Mustard N-Oxide Hydrochloride	55738540	Toluene Diisocyanates (note T4)
68224	Norethisterone	299752	Trans-2-[(Dimethylamino)Methylimino]-5-[2-(5-Nitro-2-Furyl)]
134292	O-Anisidine Hydrochloride	126727	Treosulphan
	Oestrogen replacement therapy	62450060	Tris (2,3-Dibromopropyl) Phosphate
	Oestrogen, nonsteroidal		TRP-P-1 (3-Amino-1,4-Dimethyl-5H-Pyrido [4,3-B] Indole)
	Oestrogen, steroidal	62450071	TRP-P-2 (3-Amino-1-Methyl-5H-Pyrido [4,3-B] Indole)
2646175	Oil Orange SS		Trypan Blue
	Oral Contraceptives, combined	72571	Uracil Mustard
	Oral Contraceptives, sequential	66751	Urethane
97563	Ortho-Aminoazotoluene	51796	Vinyl Bromide
90040	Ortho-Anisidine	593602	Vinyl Chloride
95534	Ortho-Toluidine	75014	
	Ortho-Toluidine and O-Toluidine Hydrochloride		
434071	Oxymetholone		
156105	P-Nitrosodiphenylamine		
794934	Panfuran S (containing dihydroxymethylfuratrizine)		
60093	Para-Aminoazobenzene		
	Para-Chloro-Ortho-Toluidine		
120718	Para-Cresidine		
127184	Perchloroethylene		
62442	Phenacetin		
136403	Phenazopyridine Hydrochloride		
57307	Phenobarital		
63923	Phenoxybenzamine Hydrochloride		
57410	Phenytoin		
36355018	Polybrominated Biphenyls		
1336363	Polychlorinated Biphenyls		
8001352	Polychlorinated Camphenes		
3564098	Ponceau 3R		
3761533	Ponceau MX		
7758012	Potassium Bromate		