Appendix C Basis of OSHA Carcinogen Listing for Individual Chemicals



Table C-1. Basis of OSHA Carcinogen Listing for Individual Chemicals

Acetaldehyde 28 P - p-Chloroaniline 28 P - Acetanide 28 - - - Chloroform 28 P - 2-Acetylaminofluorene - P Z Chlorophenols - P - Acrylamite 2A P Z Chlorophenols 2B - - Acrylamite 2A P Z Chlorophenols 2B - - 4-Aminoarobenzene 2B - - PChloro-o-toluidine 2B - - 4-Aminoarobenzene 2B - - Chrosote 2A - - 4-Aminoarobenzene 2B P - Ccobalt and cobalt compounds 2B - - 4-Aminoarobenzene 2B P - PC-residine 2B P - Amirole 2B P - PC-residine 2B P - 0-Anisidine	Chemical	IARC	NTP	OSHA-Z	Chemical	IARC	NTP	OSHA-Z
2-Acetylaminofluorene - P Z Chloromethyl methyl ether 1 K Z Acrylamide 2A P - 3-Chloro-2-methyl-1-propene - P - Acrylonitrile 2A P Z Chlorophenols 2B - - 2-Aminoanthraquinone - P - Chlorophenols 2B - - 4-Aminoazobenzene 2B - - Chromium (VI) compounds 1 K - 4-Aminoazobenzene 2B - - Cressote 2A - - 4-Aminobiphenyl 1 K Z Cobalt and cobalt compounds 2B - - Cressote 2A - <td>Acetaldehyde</td> <td>2B</td> <td>P</td> <td>_</td> <td>p-Chloroaniline</td> <td>2B</td> <td>-</td> <td>-</td>	Acetaldehyde	2B	P	_	p-Chloroaniline	2B	-	-
Acrylamide 2A P - 3-Chloro-2-methyl-1-propene - P - Acrylonitrile 2A P Z Chlorophenols 2B - - 2-Aminoanthraquinone - P - p-Chloro-o-toluidine 2B - - 4-Aminobiphenyl 1 K Z Cobalt and cobalt compounds 1 K - 1-Amino-2-methylanthraquinone - P - Crobalt and cobalt compounds 2B - - 1-Amino-2-methylanthraquinone - P - Crobalt and cobalt compounds 2B - - Affidine 2B P - Crobalt and cobalt compounds 2B - - Arborica and inorganic arsenic 2B P - Cupferron - P - Arsenic and inorganic arsenic compounds 1 K Z 24-D butyl ester† 2B - - Arsenic and inorganic arsenic compounds 1 K Z	Acetamide	2B	_	_	Chloroform	2B	P	-
Aryjonitrile 2A P Z Chlorophenols 2B - - 2-Aminoanthraquinone - P - p-Chloro-o-toluidine 2B - - 4-Aminoazobenzene 2B - - Chromium (VI) compounds I K - 4-Aminoazobenzene 1 K Z Cobalt and cobalt compounds 2B - - 1-Amino-2-methylanthraquinone - P - Ceosote 2A - - Amitrole 2B P - Ceosote 2A - - Amitrole 2B P - Ceocratidine 2B P - - PC-Cresidine 2B P - - Cupferron - P - - 2B-Dt-To-Cresidine 2B P - 24-Dt-To-Cresidine 2B - - - - - - - - - - - - - - </td <td>2-Acetylaminofluorene</td> <td>_</td> <td>P</td> <td>Z</td> <td>Chloromethyl methyl ether</td> <td>1</td> <td>K</td> <td>Z</td>	2-Acetylaminofluorene	_	P	Z	Chloromethyl methyl ether	1	K	Z
2-Aminoanthraquinone - P - p-Chloro-o-toluidine 28 - - 4-Aminoazobenzene 2B - - Chromium (VI) compounds 1 K - 4-Aminobiphenyl 1 K Z Cobalt and cobalt compounds 28 - - 1-Amino-2-methylanthraquinone - P - Ceosote 2A - - Amitrole 2B P - Ceosote 2A - - Amitrole 2B P - Cupferron - P - A-Antisdime 2B P - 24-D [†] 2B - - A-Shestodim bydrochloride - P - 24-D butoxyethyl ester [†] 2B - - Asbestos (friable) 1 K Z 24-D butoxyethyl ester [†] 2B - - - Benzidine 1 K Z 24-D butyl ester [†] 2B - -	Acrylamide	2A	P	_	3-Chloro-2-methyl-1-propene	_	P	_
4-Aminoazobenzene 2B - - Chromium (VI) compounds 1 K - 4-Aminobiphenyl 1 K Z Cobalt and cobalt compounds 2B - - 1-Amino-2-methylanthraquinone 2B P - Creosote 2A - - Amitrole 2B P - De-Cresidine 2B P - o-Anisidine 2B P - Cupferron - P - o-Anisidine hydrochloride - P - 24-D† 2B - - Arsenic and inorganic arsenic compounds 1 K Z 2,4-D butoxyethyl ester† 2B - - Asbestos (friable) 1 K Z 2,4-D butoxyethyl ester† 2B - - Altrazine 2B - - 2,4-D butoxyethyl ester† 2B - - Benzence 1 K Z 2,4-D athyl-syl ester† 2B - -	Acrylonitrile	2A	P	Z	Chlorophenols	2B	-	-
4-Aminobiphenyl 1 K Z Cobalt and cobalt compounds 2B - - 1-Amino-2-methylanthraquinone 2B P - Creosote 2A - - o-Ansisdine 2B P - De-Cresidine 2B P - o-Ansisdine 2B - - Cupferron - P - Arsenic and inorganic arsenic compounds 1 K† Z 2,4-D butoxyethyl ester‡ 2B - - Assestos (friable) 1 K Z 2,4-D butoxyethyl ester‡ 2B - - Assestos (friable) 1 K Z 2,4-D butoxyethyl ester‡ 2B - - Atrazine 2B - - 2,4-D butoxyethyl ester‡ 2B - - Benzole (friable) 1 K Z 2,4-D alminoathyl ester‡ 2B - - Benzidine 2B P - 2,4-D iaminoathylenyl ester‡ 2B	2-Aminoanthraquinone	_	P	_	p-Chloro-o-toluidine	2B	-	-
1-Amino-2-methylanthraquinone - P - Creosote 2A - - Amitrole 2B P - p-Cresidine 2B P - o-Ansidine 2B - - Cupferron - P - o-Ansidine hydrochloride - P - 2,4-D† 2B - - Arsenic and inorganic arsenic compounds 1 K* Z 2,4-D bluty ester‡ 2B - - Arsesios (friable) 1 K Z 2,4-D bluty ester‡ 2B - - Asbestos (friable) 1 K Z 2,4-D chlorocrotyl ester‡ 2B -	4-Aminoazobenzene	2B	-	-	Chromium (VI) compounds	1	K	-
Amitrole 2B P - p-Cresidine 2B P - o-Anisidine 2B - - Cupferron - P - o-Anisidine hydrochloride - P - 2,4-D† 2B - - Arsenic and inorganic arsenic compounds 1 K* Z 2,4-D buttyl ester* 2B - - Asbestos (friable) 1 K Z 2,4-D buttyl ester* 2B - - Atrazine 2B - - 2,4-D butyl ester* 2B - - Benzene 1 K Z 2,4-D 2-ethylh-vertyl ester* 2B - - Benzidine 1 K Z 2,4-D 2-ethylh-vertyl ester* 2B - - Benzidine 2B P - 2,4-D 2-ethylh-vertyl ester* 2B - - Benzidine 1 K Z 2,4-D 2-ethylh-vertyl ester* 2B - -	4-Aminobiphenyl	1	K	Z	Cobalt and cobalt compounds	2B	_	_
o-Anisidine 2B - - Cupferron - P - o-Anisidine hydrochloride - P - 2,4-D but yethyl ester‡ 2B - - Arsenic and inorganic arsenic compounds 1 K† Z 2,4-D but yethyl ester‡ 2B - - Asbestos (friable) 1 K Z 2,4-D but yethyl ester‡ 2B - - Atrazine 2B - - 2,4-D cethyl-thexyl ester‡ 2B - - Benzene 1 K Z 2,4-D 2-ethyl-t-methyl-pentyl 2B - - Benzidine 1 K Z 2,4-D 2-ethyl-t-methyl-pentyl 2B - - Benzidine 1 K Z 2,4-D aminotolicene 2B - - Benzidine 1 K Z 2,4-D aminotolicene 2B - - Benzidine 1 K Z 2,4-D aminotolicene 2B -	1-Amino-2-methylanthraquinone	_	P	-	Creosote	2A	-	-
o-Anisidine hydrochloride - P - 2,4-D‡ 28 - - Arsenic and inorganic arsenic compounds 1 K† Z 2,4-D buttoxyethyl ester‡ 28 - - Asbestos (friable) 1 K Z 2,4-D buttyl ester‡ 28 - - Atrazine 28 - - 2,4-D 2-ethyl bester‡ 28 - - Benzene 1 K Z 2,4-D 2-ethyl bester‡ 28 - - Benzidine 1 K Z 2,4-D 2-ethyl bester‡ 28 - - Benzidine 1 K Z 2,4-D 2-ethyl bestyl ester‡ 28 - - Benzidine 1 K Z 2,4-D 2-ethyl bestyl ester‡ 28 - - Benzidine 1 K Z 2,4-D 2-ethyl bestyl ester‡ 28 - - Benzidine 1 K Z 2,4-D 2-ethyl bestyl ester‡ 28 -	Amitrole	2B	P	_	p-Cresidine	2B	P	_
Arsenic and inorganic arsenic compounds Asbestos (friable) 1 K Z 2.4-D buttoxyethyl ester‡ 2B Atrazine 2B 2.4-D chlorocrotyl ester‡ 2B Benzene 1 K Z 2.4-D 2-ethylhexyl ester‡ 2B Benzidine 1 F C 2.4-D 2-ethylhexyl ester‡ 2B Benzidine 2B P - 2.4-D 2-ethyl-4-methylpentyl ester‡ 2B Benzidine 1 P C 2.4-D 2-ethylhexyl ester‡ 2B P C C 2.4-D 2-ethylhexyl ester‡ 2B Benzidine 1 P C 2.4-D 2-ethylhexyl ester‡ 2B P C C C 2.4-D 2-e	o-Anisidine	2B	-	-	Cupferron	_	P	-
compounds I K Z 2,4-D butoxyethyl ester* 2B - - Asbestos (friable) 1 K Z 2,4-D butyl ester* 2B - - Atrazine 2B - - 2,4-D cethylhexyl ester* 2B - - Benzene 1 K Z 2,4-D 2-ethyl-4-methylpentyl ester* 2B - - Benzidine 1 K Z 2,4-D 2-ethyl-4-methylpentyl ester* 2B - - Benzoli trichloride 2B P - 2,4-D 2-ethyl-4-methylpentyl ester* 2B - - Benzoli trichloride 2B P - 2,4-D 2-ethyl-4-methylpentyl ester* 2B - - Benzoli trichloride 2B P - 2,4-D 2-ethyl-4-methylpentyl ester* 2B - - Benzoli trichloride 2B P - 2,4-D 2-binylinoathyle ester* 2B - - P - Bis (chloromethylether 1	o-Anisidine hydrochloride	_	P	_	2,4-D [‡]	2B	_	_
Atrazine 2B 2,4-D chlorocrotyl ester† 2B Benzene 1 K Z 2,4-D 2-ethylhexyl ester† 2B		1	K [†]	Z	2,4-D butoxyethyl ester [‡]	2B	-	-
Benzidine 1 K Z 2,4-D 2-ethylhexyl ester 2B Benzidine 1 K Z 2,4-D 2-ethyl-4-methylpentyl ester 2B	Asbestos (friable)	1	K	Z	2,4-D butyl ester [‡]	2B	_	_
Benzidine 1 K Z 2,4-D 2-ethyl-4-methylpentyl ester† 2B	Atrazine	2B	-	-	2,4-D chlorocrotyl ester [‡]	2B	-	-
Benzoic trichloride 2B P - 2,4-Diaminoanisole 2B Beryllium and beryllium compounds 1 P† - 2,4-Diaminoanisole sulfate - P P - 1,3-Butadiene 1 K Z 4,4-Diaminoanisole sulfate - P P - 1,3-Butadiene 2A P - 2,4-Diaminotoluene 2B P - 1,3-Butadiene 2A P - Diaminotoluene (mixed isomers) 2B P - 1,3-Butadiene 2A P - 1,2-Dibromo-3-chloropropane 2B P Z C.I. Direct Black 3B 2A P - 1,2-Dibromo-3-chloropropane 2B P Z C.I. Direct Blue 6 2A P - 1,2-Dibromoethane 2A P - 1,2-Dibromoethane 2A P - C.I. Direct Brown 95 2A - 1,4-Dichlorobenzene 2B P - C.I. Food Red 5 2B - Dichlorobenzene (mixed isomers) 2B P - C.I. Solvent Yellow 34 (Auramine) 2B - 3,3'-Dichlorobenzidine 2B P Z C.I. Solvent Yellow 34 (Auramine) 2B - 3,3'-Dichlorobenzidine 2B P - C.I. Solvent Yellow 34 (Auramine) 2B P - Dichlorobenzidine 33,3'-Dichlorobenzidine 32B P - C.I. Carbon tetrachloride 2B P - Dichlorobenzidine sulfate 2B P - C.I. Chlordane 2B P - Dichlorobenzidine 3B P - C.I. Chlordane 2B P - Dichlorobenzidine 3B P - Dichlorobenzidine 3B P - C.I. Chloredic acid 2B P - Dichlorobenzidine 3B P - Dichlorobenzidine 3B P - C.I. Chloredic acid 2B P - Dichlorobenzidine 3B P - Dichl	Benzene	1	K	Z	2,4-D 2-ethylhexyl ester‡	2B	-	-
Beryllium and beryllium compounds 1 P† - 2,4-Diaminoanisole sulfate - P	Benzidine	1	K	Z		2B	-	-
Bis(chloromethyl)ether 1 K Z 4,4'-Diaminodiphenyl ether 2B — — — — — — — — — — — — — — — — — —	Benzoic trichloride	2B	P	-	2,4-Diaminoanisole	2B	_	-
1,3-Butadiene 2A P - 2,4-Diaminotoluene 2B P - C.I. Acid Red 114 2B - Diaminotoluene (mixed isomers) 2B P - C.I. Direct Black 38 2A P - 1,2-Dibromo-3-chloropropane 2B P Z C.I. Direct Blue 6 2A P - 1,2-Dibromoethane 2A P - C.I. Direct Brown 95 2A - 1,4-Dichlorobenzene 2B P - C.I. Food Red 5 2B - Dichlorobenzene (mixed isomers) 2B P - C.I. Solvent Yellow 34 (Auramine) 2B - 3,3'-Dichlorobenzidine 2B P Z Cadmium and cadmium compounds 1 P† - 3,3'-Dichlorobenzidine 2B P - Carbon tetrachloride 2B P - 3,3'-Dichlorobenzidine 3B P - Chlordane 2B P - Dichlorobenzidine 2B P - Dichlorobenzidine 3B P - Chlordane 2B P - Dichlorobenzidine 2B P - Dichloro	Beryllium and beryllium compounds	1	P [†]	_	2,4-Diaminoanisole sulfate	-	P	-
C.I. Acid Red 114 2B Diaminotoluene (mixed isomers) 2B P - C.I. Direct Black 38 2A P - 1,2-Dibromo-3-chloropropane 2B P Z C.I. Direct Blue 6 2A P - 1,2-Dibromoethane 2A P - C.I. Direct Brown 95 2A 1,4-Dichlorobenzene 2B P - C.I. Food Red 5 2B P - C.I. Solvent Yellow 34 (Auramine) 2B P Z Cadmium and cadmium compounds 1 P† - 3,3'-Dichlorobenzidine 2B P - Carbon tetrachloride 2B P - Chlordane 2B P - Chlordane 2B P - Dichloromethane 2B P - Chloromethane 2B P - Dichloromethane 2B P - Chloromethane 2B P - Dichloromethane 2B P - Chloromethane 2B P - Dichloromethane 2B P -	Bis(chloromethyl)ether	1	K	Z	4,4'-Diaminodiphenyl ether	2B	_	-
C.I. Direct Black 38 2A P - 1,2-Dibromo-3-chloropropane 2B P Z C.I. Direct Blue 6 2A P - 1,2-Dibromo-3-chloropropane 2A P - C.I. Direct Brown 95 2A - 1,4-Dichlorobenzene 2B P - C.I. Food Red 5 2B - C.I. Solvent Yellow 34 (Auramine) 2B - Cadmium and cadmium compounds 1 P - Carbon tetrachloride 2B P - 3,3'-Dichlorobenzidine dihydrochloride 2B P - Chlordane 2B P - 1,2-Dibromo-3-chloropropane 2A P - 1,4-Dichlorobenzene 2B P - 3,3'-Dichlorobenzidine 2B P - Chlordane 2B P - Dichloromethane 2B P - Chloromethane 2B P - Dichloromethane 2B P - Chloromethane	1,3-Butadiene	2A	P	-	2,4-Diaminotoluene	2B	P	_
C.I. Direct Blue 6 2A P 1,2-Dibromoethane 2A P - C.I. Direct Brown 95 2A - 1,4-Dichlorobenzene 2B P - C.I. Food Red 5 2B - Dichlorobenzene (mixed isomers) 2B P - C.I. Solvent Yellow 34 (Auramine) 2B - 3,3'-Dichlorobenzidine 2B P Cadmium and cadmium compounds 1 P - 3,3'-Dichlorobenzidine dihydrochloride Carbon tetrachloride 2B P - 3,3'-Dichlorobenzidine sulfate 2B P - Chlordane 2B P - 1,2-Dichlorobenzidine sulfate 2B P - Chlorendic acid 2B P - Dichloromethane 2B P - Dichloromethane 2B P - Dichloromethane	C.I. Acid Red 114	2B	-	-	Diaminotoluene (mixed isomers)	2B	P	-
C.I. Direct Brown 95 2A 1,4-Dichlorobenzene 2B P - C.I. Food Red 5 2B - Dichlorobenzene (mixed isomers) 2B P - C.I. Solvent Yellow 34 (Auramine) 2B - 3,3'-Dichlorobenzidine 2B P Z Cadmium and cadmium compounds 1 P† - 3,3'-Dichlorobenzidine dihydrochloride 2B P - Carbon tetrachloride 2B P - 3,3'-Dichlorobenzidine sulfate 2B P - Chlordane 2B - - 1,2-Dichlorobenae 2B P - Chlorendic acid 2B P - Dichloromethane 2B P -	C.I. Direct Black 38	2A	P	-	1,2-Dibromo-3-chloropropane	2B	P	Z
C.I. Food Red 5 2B Dichlorobenzene (mixed isomers) 2B P - C.I. Solvent Yellow 34 (Auramine) 2B 3,3'-Dichlorobenzidine 2B P Z Cadmium and cadmium compounds 1 P [†] - 3,3'-Dichlorobenzidine dihydrochloride 2B P - Carbon tetrachloride 2B P - 3,3'-Dichlorobenzidine sulfate 2B P - Chlordane 2B P - Dichloromethane 2B P - Chlorendic acid	C.I. Direct Blue 6	2A	P	-	1,2-Dibromoethane	2A	P	-
C.I. Solvent Yellow 34 (Auramine) 2B 3,3'-Dichlorobenzidine 2B P Z Cadmium and cadmium compounds 1 P† - 3,3'-Dichlorobenzidine dihydrochloride 2B P - Carbon tetrachloride 2B P - 3,3'-Dichlorobenzidine sulfate 2B P - Chlordane 2B P - Dichloroethane 2B P - Chlorendic acid 2B P - Dichloromethane 2B P -	C.I. Direct Brown 95	2A	-	-	1,4-Dichlorobenzene	2B	P	-
Cadmium and cadmium compounds1P†-3,3'-Dichlorobenzidine dihydrochloride2BP-Carbon tetrachloride2BP-3,3'-Dichlorobenzidine sulfate2BP-Chlordane2B1,2-Dichloroethane2BP-Chlorendic acid2BP-Dichloromethane2BP-	C.I. Food Red 5	2B	_	_	Dichlorobenzene (mixed isomers)	2B	P	_
pounds	C.I. Solvent Yellow 34 (Auramine)	2B	-	-	3,3'-Dichlorobenzidine	2B	P	Z
Chlordane 2B 1,2-Dichloroethane 2B P - Chlorendic acid 2B P - Dichloromethane 2B P -		1	P [†]	_		2B	P	_
Chlorendic acid 2B P – Dichloromethane 2B P –	Carbon tetrachloride	2B	P	-	3,3'-Dichlorobenzidine sulfate	2B	P	-
	Chlordane	2B	_	_	1,2-Dichloroethane	2B	P	_
		2B		-		2B		-

IARC: 1-The chemical is carcinogenic to humans; 2A-The chemical is probably carcinogenic to humans; 2B-The chemical is possibly carcinogenic to

NTP: K-The chemical is known to be carcinogenic; P-The chemical may reasonably be anticipated to be carcinogenic. OSHA: Z-The chemical appears at 29 CFR part 1910 Subpart Z.

[†]Certain compounds.

[‡]Chlorophenoxy herbicides (IARC 2B).



Table C-1. Basis of OSHA Carcinogen Listing for Individual Chemicals (continued)

Chemical	IARC	NTP	OSHA-Z	Chemical	IARC	NTP	OSHA-Z
trans-1,3-Dichloropropene	2B	-	-	Ethylene oxide	1	P	Z
1,3-Dichloropropylene	2B	P	_	Ethylene thiourea	2B	P	_
Dichlorvos	2B	-	_	Formaldehyde	2A	P	Z
Diepoxybutane	2B	P	_	Heptachlor	2B	-	-
Di-(2-ethylhexyl)phthalate	2B	P	_	Hexachlorobenzene	2B	P	-
Diethyl sulfate	2A	P	_	Hexamethylphosphoramide	2B	P	-
Diglycidyl resorcinol ether	2B	p	-	Hydrazine	2B	P	-
Dihydrosafrole	2B	-	-	Hydrazine sulfate	-	P	-
3,3'-Dimethoxybenzidine	2B	P	-	Lead and inorganic lead com- pounds	2B	-	Z
3,3'-Dimethoxybenzidine dihydrochloride	2B	P	_	Lindane	2B	P	-
3,3'-Dimethoxybenzidine hydrochloride	2B	P	-	Mecoprop [‡]	2B	-	-
4-Dimethylaminoazobenzene	2B	P	Z	Methoxone [‡]	2B	-	-
3,3'-Dimethylbenzidine	2B	P	_	Methoxone sodium salt‡	2B	-	-
3,3'-Dimethylbenzidine dihydrochloride	2B	P	_	4,4-Methylenebis (2-chloroaniline)	2A	P	-
3,3'-Dimethylbenzidine dihydrofluoride	2B	P	_	4,4'-Methylenebis (N,N-dimethyl) benzeneamine	2B	P	-
Dimethylcarbamyl chloride	2A	P	-	4,4'-Methylenedianiline	2B	P	Z
N,N-Dimethylformamide	2B	-	-	Michler's ketone	-	P	-
1,1-Dimethylhydrazine	2B	P	-	Mustard gas	1	K	-
Dimethyl sulfate	2A	P	_	alpha-Naphthylamine	-	-	Z
2,4-Dinitrotoluene	2B	_	_	beta-Naphthylamine	1	K	Z
2,6-Dinitrotoluene	2B	-	_	Nickel	2B	P	-
1,4-Dioxane	2B	P	_	Nickel compounds	1	P [†]	_
1,2-Diphenylhydrazine	-	P	_	Nitrilotriacetic acid	-	P	-
2,4-D isopropyl ester [‡]	2B	_	_	Nitrobenzene	2B	_	_
2,4-DP [‡]	2B	-	-	4-Nitrobiphenyl	-	-	Z
2,4-D propylene glycol butyl ether ester‡	2B	-	_	Nitrofen	2B	P	-
2,4-D sodium salt [‡]	2B	-	-	Nitrogen mustard	2A	-	-
Epichlorohydrin	2A	P	_	2-Nitropropane	2B	P	_
Ethyl acrylate	2B	P	-	N-Nitrosodi-n-butylamine	2B	P	-
Ethyleneimine	-	-	Z	N-Nitrosodiethylamine	2A	P	_

IARC: 1-The chemical is carcinogenic to humans; 2A-The chemical is probably carcinogenic to humans; 2B-The chemical is possibly carcinogenic to

NTP: K-The chemical is known to be carcinogenic; P-The chemical may reasonably be anticipated to be carcinogenic. OSHA: Z-The chemical appears at 29 CFR part 1910 Subpart Z.

[†]Certain compounds.

[‡]Chlorophenoxy herbicides (IARC 2B).



Table C-1. Basis of OSHA Carcinogen Listing for Individual Chemicals (continued)

Chemical	IARC	NTP	OSHA-Z	Chemical	IARC	NTP	OSHA-Z
N-Nitrosodimethylamine	2A	P	Z	Potassium bromate	2B	-	-
N-Nitrosodi-n-propylamine	2B	P	-	Propane sultone	2B	P	-
N-Nitroso-N-ethylurea	2A	P	-	beta-Propiolactone	2B	P	Z
N-Nitroso-N-methylurea	2A	P	-	Propyleneimine	2B	P	-
N-Nitrosomethylvinylamine	2B	P	-	Propylene oxide	2B	P	-
N-Nitrosomorpholine	2B	P	-	Saccharin (manufacturing)	2B	P	-
N-Nitrosonornicotine	2B	P	-	Safrole	2B	P	-
N-Nitrosopiperidine	2B	P	-	Sodium o-phenylphenoxide	2B	-	-
Pentachlorophenol	2B	-	-	Styrene	2B	-	-
Phenytoin	2B	P	-	Styrene oxide	2A	-	-
Polybrominated biphenyls (PBBs)	2B	P	-	Tetrachloroethylene	2B	P	-
Polychlorinated biphenyls (PCBs)	2A	P	-	Thioacetamide	2B	P	-
Polycyclic aromatic compounds (PACs):				4,4'-Thiodianiline	2B	P	-
Benz(a)anthracene	2A	P	-	Thiourea	2B	P	-
Benzo(b)fluoranthene	2B	P	-	Toluene-2,4-diisocyanate	2B	P	-
Benzo(j)fluoranthene	2B	P	-	Toluene-2,6-diisocyanate	2B	P	-
Benzo(k)fluoranthene	2B	-	-	Toluene diisocyanate (mixed isomers)	2B	Р	-
Benzo(rst)pentaphene	2B	-	-	o-Toluidine	2B	P	-
Benzo(a)pyrene	2A	P	-	o-Toluidine hydrochloride	-	P	-
Dibenz(a,h)acridine	2A	P	-	Toxaphene	2B	P	-
Dibenz(a,j)acridine	2B	P	-	Trichloroethylene	2A	-	-
Dibenzo(a,h)anthracene	2B	P	-	2,4,6-Trichlorophenol	2B	P	-
7H–Dibenzo(c,g)carbazole	2B	P	-	1,2,3-Trichloropropane	2A	-	-
Dibenzo(a,e)pyrene	2B	P	-	Tris(2,3-dibromopropyl) phosphate	2A	P	_
Dibenzo(a,h)pyrene	2B	P	-	Trypan blue	2B	-	-
Dibenzo(a,l)pyrene	2B	P	-	Urethane	2B	P	-
7,12–Dimethylbenz(a) anthracene	2B	-	-	Vinyl acetate	2B	-	-
Indeno[1,2,3–cd]pyrene	2B	P	_	Vinyl bromide	2A	_	-
5–Methylchrysene	2B	P	-	Vinyl chloride	1	K	Z
1-Nitropyrene	2B	_	_	2,6-Xylidine	2B	_	_

IARC: 1-The chemical is carcinogenic to humans; 2A-The chemical is probably carcinogenic to humans; 2B-The chemical is possibly carcinogenic to

NTP: K–The chemical is known to be carcinogenic; P–The chemical may reasonably be anticipated to be carcinogenic. OSHA: Z–The chemical appears at 29 CFR part 1910 Subpart Z.

[†]Certain compounds.

[‡]Chlorophenoxy herbicides (IARC 2B).