

INDEX OF CHEMICALS FROM MONOGRAPHS VOLUMES 1-20
BY POSSIBLE TARGET ORGANS IN HUMANS

NOTE: Chemicals with *sufficient evidence* of carcinogenicity for the stated organ system appear in *italics*. The listing of all other chemicals for each target site indicates only that this organ system was mentioned in the literature, and does not imply a causal association between the substance and tumours of the organ listed.

<u>TARGET SITE (ICD 8th CODE)</u>	<u>IARC REFERENCE</u>
Pharynx (146-148)	
Chromium and certain chromium compounds	2,100
<i>Mustard gas</i>	9,181
Gastro-intestinal tract (150-154)	
Acrylonitrile (colon)	19, 73
<i>Asbestos</i>	14
Chloroprene	19,131
Ethylene oxide	11,157
Lead and certain lead compounds*	1, 40
<i>Soots, tars and mineral oils</i>	3, 22
Vinyl chloride	19,377
Liver (155)	
Aflatoxins	1,145
Arsenic and certain arsenic compounds	2, 48
Carbon tetrachloride	20
Oxymetholone	13, 13
Phenobarbitone	13,137
Phenytoin	13,201
2,3,7,8-Tetrachlorodibenzo- <i>para</i> -dioxin	15, 41
<i>Vinyl chloride (angiosarcomas)</i>	19,377
Peritoneum-mesothelioma (157)	
<i>Asbestos</i>	14

<u>TARGET SITE (ICD 8th CODE)</u>	<u>IARC REFERENCE</u>
Nose and nasal sinus (160)	
Chromium and certain chromium compounds	2,100
Isopropyl oils	15,223
<i>Manufacture of isopropyl alcohol</i>	15,223
Mustard gas	9,181
Nickel and certain nickel compounds	11, 75
<i>Nickel refining</i>	11,
Larynx (161)	
<i>Asbestos</i>	14,
Isopropyl oils	15,223
Manufacture of isopropyl alcohol	15,223
Mustard gas	9,181
Nickel and certain nickel compounds	11, 75
Nickel refining	11, 75
Soots, tars and mineral oils	2, 22
Lung - trachea, bronchus (162)	
Acrylonitrile	19, 73
Amitrole	7, 31
<i>Arsenic and certain arsenic compounds</i>	2, 48
<i>Asbestos</i>	14
Beryllium and certain beryllium compounds	1, 17
<i>BCME and CMME</i>	4,231
Cadmium and certain cadmium compounds	11, 39
Chloroprene	19,131
<i>Chromium and certain chromium compounds</i>	2,100
Dimethyl sulphate	4,271
Epichlorohydrin	11,131
Haematite (ferric oxide)	1, 29
<i>Underground mining of haematite</i>	1, 29
Hexachlorocyclohexane	20
Isoniazid	4,159
Lead and certain lead compounds	1, 40
<i>Mustard gas</i>	9,181
Nickel and certain nickel compounds	11, 75
<i>Nickel refining</i>	11, 75
<i>Soots, tars and mineral oils</i>	3, 22
2,3,7,8-Tetrachlorodibenzo- <i>para</i> -dioxin	15, 41
<i>Vinyl chloride</i>	19,377
Vinylidene chloride	19,439

<u>TARGET SITE (ICD 8th CODE)</u>	<u>IARC REFERENCE</u>
Pleura-mesothelioma (163)	
<i>Asbestos</i>	14
Bone (170)	
Beryllium and certain beryllium compounds	1, 17
Connective tissue (171)	
Iron dextran	2,161
Skin (172-173)	
<i>Arsenic and certain arsenic compounds</i>	2, 48
Chloroprene	19,131
Polychlorinated biphenyls (melanoma)	18, 43
<i>Soots, tars and mineral oils</i>	3, 22
Breast (174)	
Diethylstilboestrol	6, 55
Reserpine	10,217
Female genital tract (180-184)	
Endometrium - Diethylstilboestrol	6, 55
Ovary - Diethylstilboestrol	6, 55
Vagina (<i>clear-cell carcinoma</i>)	
<i>Diethylstilboestrol</i>	6, 55
Prostate (185)	
Cadmium and certain cadmium compounds	11, 39
Bladder (188)	
4-Aminobiphenyl	1, 74
Auramine	1, 69
<i>Manufacture of auramine</i>	1, 69
Benzidene	1, 80
N,N-Bis (2-chloroethyl)-2-naphthylamine (<i>chlornaphazine</i>)	4,119
Cyclophosphamide	9,135
Isoniazid	4,159
Lead and certain lead compounds (urinary tract)	1, 40

<u>TARGET SITE (ICD 8th CODE)</u>	<u>IARC REFERENCE</u>
Bladder (188) (continued)	
<i>2-Naphthylamine</i>	4, 97
Phenacetin	13,141
<i>N-Phenyl-2-naphthylamine</i>	14,325
<i>ortho and para-toluidine</i>	16,347
<i>Soots, tars and mineral oils</i>	3,
Kidney (189)	
Cadmium and certain cadmium compounds	11, 39
Lead and certain lead compounds* (urinary tract)	1, 40
Phenacetin	13,141
Central nervous system (191-192)	
Chlordane and heptachlor	20
Phenobarbitone	13,159
Phenytoin	17,202
<i>Vinyl chloride</i>	19,377
Haematolymphopoietic system (200-207)	
Arsenic and certain arsenic compounds	2, 48
<i>Benzene</i>	7,203
Chlorambucil	9,125
Chloramphenicol	10, 85
Chlordane and heptachlor	20
Chloroprene	19,131
Cyclophosphamide	9,135
<i>ortho- and para-Dichlorobenzene</i>	7,231
Epichlorohydrin	11,131
Ethylene oxide	11,157
Hexachlorocyclohexane	20
<i>Melphalan</i>	9,167
Oxyphenbutazone	13,131
Phenobarbitone	13,159
Phenylbutazone	13,183
Phenytoin	13,201
Styrene	19,231
Trichloroethylene	11,263
Tris(1-aziridinyl)phosphine sulphide (thiotepa)	9, 85
<i>Vinyl chloride</i>	19,377

<u>TARGET SITE (ICD 8th CODE)</u>	<u>IARC REFERENCE</u>
All sites, neoplasms (140-209)	
Amitrole	7, 31
Anaesthetics, inhalational	11, 285
Lead and certain lead compounds	1, 40
Polychlorinated biphenyls	18, 43